Multi V i

Heat Recovery + Heat Pump

MFL67474086

LG TOTAL HVAC SOLUTION PROVIDER

ENGINEERING PRODUCT DATA BOOK

LG Life's Good

Region : EU

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Model Line Up

Combination of Outdoor Units

Indoor Unit and Outdoor Unit Capacity Index

1. Model Line Up

Product	Phase	Chassis	Capacity Index HP	Model Name
Multi V i	3	UXA	8	ARUM080LTE6
			10	ARUM100LTE6
			12	ARUM120LTE6
		UXB	14	ARUM140LTE6
			16	ARUM160LTE6
			18	ARUM180LTE6
			20	ARUM200LTE6
		UXC	22	ARUM220LTE6
			24	ARUM240LTE6
			26	ARUM260LTE6
		UXB + UXA	28	ARUM280LTE6
			30	ARUM300LTE6
			32	ARUM320LTE6
		UXB + UXB	34	ARUM340LTE6
			36	ARUM360LTE6
			38	ARUM380LTE6
			40	ARUM400LTE6
		UXC + UX B	42	ARUM420LTE6
			44	ARUM440LTE6
		UXC + UXC	46	ARUM460LTE6
			48	ARUM480LTE6
		UXB + UXB + UXA	50	ARUM500LTE6
			52	ARUM520LTE6
		UXB + UXB + UXB	54	ARUM540LTE6
			56	ARUM560LTE6
			58	ARUM580LTE6
			60	ARUM600LTE6
		UXC + UXB + UXB	62	ARUM620LTE6
			64	ARUM640LTE6
		UXC + UXC + UXB	66	ARUM660LTE6
			68	ARUM680LTE6
		UXB + UXB + UXB + UXA	70	ARUM700LTE6
			72	ARUM720LTE6
		UXB + UXB + UXB + UXB	74	ARUM740LTE6
			76	ARUM760LTE6
			78	ARUM780LTE6
			80	ARUM800LTE6
		UXC + UXC + UXB + UXB	82	ARUM820LTE6
			84	ARUM840LTE6
			86	ARUM860LTE6
			88	ARUM880LTE6
		UXC + UXC + UXC + UXB	90	ARUM900LTE6

1. Model Line Up

Product	Phase	Chassis	Capacity Index	Model Name
			HP	
Multi V i	3	UXC + UXC + UXC + UXC	92	ARUM920LTE6
			94	ARUM940LTE6
			96	ARUM960LTE6

* The capacity index may differ from actual capacity values.

2. Combination of Outdoor Units

Model Name	Combination Unit			
	Unit 1	Unit 2	Unit 3	Unit 4
ARUM280LTE6	ARUM160LTE6	ARUM120LTE6	-	-
ARUM300LTE6	ARUM180LTE6	ARUM120LTE6	-	-
ARUM320LTE6	ARUM200LTE6	ARUM120LTE6	-	-
ARUM340LTE6	ARUM200LTE6	ARUM140LTE6	-	-
ARUM360LTE6	ARUM200LTE6	ARUM160LTE6	-	-
ARUM380LTE6	ARUM200LTE6	ARUM180LTE6	-	-
ARUM400LTE6	ARUM200LTE6	ARUM200LTE6	-	-
ARUM420LTE6	ARUM220LTE6	ARUM200LTE6	-	-
ARUM440LTE6	ARUM240LTE6	ARUM200LTE6	-	-
ARUM460LTE6	ARUM240LTE6	ARUM220LTE6	-	-
ARUM480LTE6	ARUM240LTE6	ARUM240LTE6	-	-
ARUM500LTE6	ARUM200LTE6	ARUM180LTE6	ARUM120LTE6	-
ARUM520LTE6	ARUM200LTE6	ARUM200LTE6	ARUM120LTE6	-
ARUM540LTE6	ARUM200LTE6	ARUM200LTE6	ARUM140LTE6	-
ARUM560LTE6	ARUM200LTE6	ARUM200LTE6	ARUM160LTE6	-
ARUM580LTE6	ARUM200LTE6	ARUM200LTE6	ARUM180LTE6	-
ARUM600LTE6	ARUM200LTE6	ARUM200LTE6	ARUM200LTE6	-
ARUM620LTE6	ARUM220LTE6	ARUM200LTE6	ARUM200LTE6	-
ARUM640LTE6	ARUM240LTE6	ARUM200LTE6	ARUM200LTE6	-
ARUM660LTE6	ARUM240LTE6	ARUM220LTE6	ARUM200LTE6	-
ARUM680LTE6	ARUM240LTE6	ARUM240LTE6	ARUM200LTE6	-
ARUM700LTE6	ARUM200LTE6	ARUM200LTE6	ARUM180LTE6	ARUM120LTE6
ARUM720LTE6	ARUM200LTE6	ARUM200LTE6	ARUM200LTE6	ARUM120LTE6
ARUM740LTE6	ARUM200LTE6	ARUM200LTE6	ARUM200LTE6	ARUM140LTE6
ARUM760LTE6	ARUM200LTE6	ARUM200LTE6	ARUM200LTE6	ARUM160LTE6
ARUM780LTE6	ARUM200LTE6	ARUM200LTE6	ARUM200LTE6	ARUM180LTE6
ARUM800LTE6	ARUM200LTE6	ARUM200LTE6	ARUM200LTE6	ARUM200LTE6
ARUM820LTE6	ARUM240LTE6	ARUM240LTE6	ARUM200LTE6	ARUM140LTE6
ARUM840LTE6	ARUM240LTE6	ARUM240LTE6	ARUM200LTE6	ARUM160LTE6
ARUM860LTE6	ARUM240LTE6	ARUM240LTE6	ARUM200LTE6	ARUM180LTE6
ARUM880LTE6	ARUM240LTE6	ARUM240LTE6	ARUM200LTE6	ARUM200LTE6
ARUM900LTE6	ARUM240LTE6	ARUM240LTE6	ARUM220LTE6	ARUM200LTE6
ARUM920LTE6	ARUM240LTE6	ARUM240LTE6	ARUM220LTE6	ARUM220LTE6
ARUM940LTE6	ARUM240LTE6	ARUM240LTE6	ARUM240LTE6	ARUM220LTE6
ARUM960LTE6	ARUM240LTE6	ARUM240LTE6	ARUM240LTE6	ARUM240LTE6

3. Indoor Unit and Outdoor Unit Capacity Index

3.1 Indoor Unit Selection

See the indoor unit capacity tables for given Indoor and Outdoor temperature Select the unit whose capacity is the nearest to or greater than given load.

Note

Individual Indoor Unit capacity is subject to change by combination.
Actual capacity has to be calculated according to the combination by using Outdoor unit capacity table.

3.2 Outdoor Unit Selection

Allowable combinations are indicated below. In general, outdoor unit can be selected depending on the location of the unit, zoning and usage of the rooms.

The indoor and outdoor unit combination is determined by comparing the sum of indoor unit capacity index with each Outdoor Unit. It is recommended to be the nearest to 100% combination ratio or to be smaller than that. Refer the table below. To manage cooling/heating load properly, it's better to be selected the bigger capacity outdoor unit rather than the nearest, if the installation space is large enough.

■ Combination Ratio

Line up	Outdoor Unit Type	Number of Outdoor Units	Total Combination ratio
Multi V i	Heat Pump & Heat recovery	Single Unit	50 ~ 130 % (200%)
		Two Units	50 ~ 130 % (160%)
		Three or Four Units	50 ~ 130 %

Note

1. The combination ratio is defined as the sum of indoor unit nominal capacity (kW) divided by the outdoor rated cooling capacity (kW).
2. LG guarantees the operation only within a maximum combination ratio of 130%.
3. If the client wants to go beyond 130%, please contact the local subsidiary and discuss the requirements. Please be aware that going over 130% may result in poor performance. If the total operating ratio of indoor unit exceeds 130%, the indoor unit is operated in low fan speed mode.
4. In case of 1:1 installation (i.e. one outdoor unit with one special indoor unit), combination ratio cannot be exceed 105%.
5. For systems where special indoor units are involved, please refer to "Table. Combination Ratio for System with Special Indoor Units" in indoor unit PDB

■ INDOOR UNIT CAPACITY INDEX

Unit Capacity (Btu/h)	5k	7k	9k	12k	15k	18k	21k	24k	28k	30k	36k	42k	48k	54k	60k	76k	96k
Capacity Index	1.6	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	14.1	15.8	17.5	22.4	28.0

* Capacity Index is same as the capacity(kW).

Multi V i
Product Data

1. ARUM080LTE6

1.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXA
	Combination Unit (1)	-	ARUM080LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	9.97 - 9.47 - 9.13
	Running Current by Voltage (Heating,Rated)	A	8.43 - 8.01 - 7.72
Cooling Capacity	Rated	kW	22.4
		Btu/h	76,400
Heating Capacity	Rated	kW	22.4
		Btu/h	76,400
	Max	kW	25.2
		Btu/h	86,000
Power Input(Cooling)	Rated	kW	6.10
Power Input(Heating)	Rated	kW	5.16
Efficiency	EER(Rated)	W/W	3.67
	COP(Rated)	W/W	4.34
	SEER	Wh/Wh	8.28
	SCOP	Wh/Wh	4.45
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	220 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	1,200 x 1
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1
	Number of Revolution	rev./min	3,600
	Motor Output	W x No.	5,300 × 1
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	1
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	930 x 1,745 x 760
	Shipping(W x H x D)	mm	965 x 1,919 x 802
Weight	Net	kg	215
	Shipping	kg	225
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

1. ARUM080LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	8.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	17.744
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ9.52 (3/8)
	Gas	mm(inch)	Φ19.05 (3/4)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ19.05 (3/4)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ15.88 (5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	57.0 / 58.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	78.0 / 78.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	18.2
	Maximum Fuse Amperes (MFA)	A	20.0
	Total Over Current Amperes (TOCA)	A	20.0
	Comp_Maximum Starting Current (MSC)	A	5.9
	Comp_Rated Load Amperes (Cooling)	A	7.5
	Comp_Rated Load Amperes (Heating)	A	5.9
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	2.5
Connectable indoor units number	Max. (Conditional)	Units	13(20)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

1. ARUM080LTE6

1.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

1. ARUM080LTE6

1.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

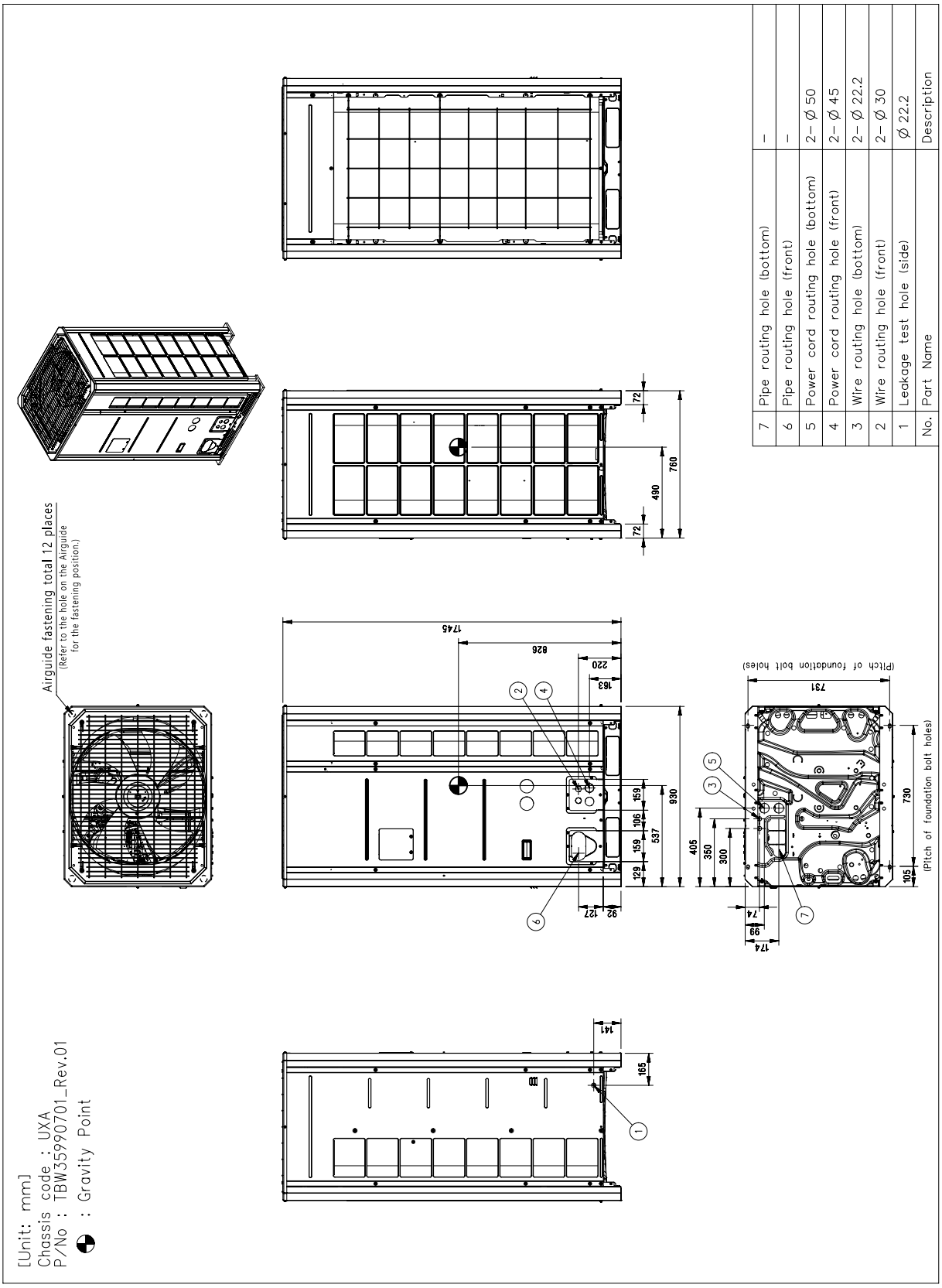
Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

1. ARUM080LTE6

1.4 Dimensions

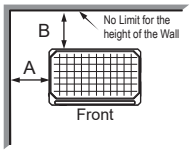
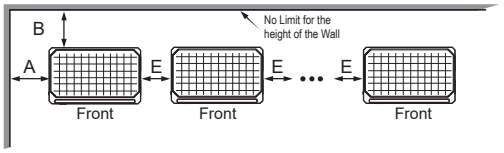
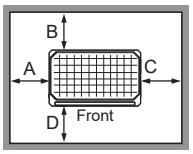
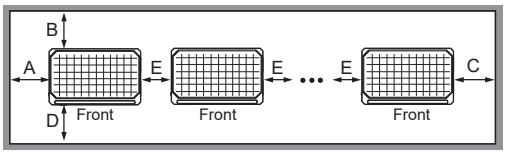
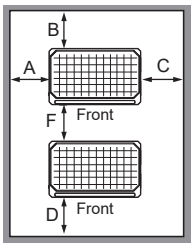
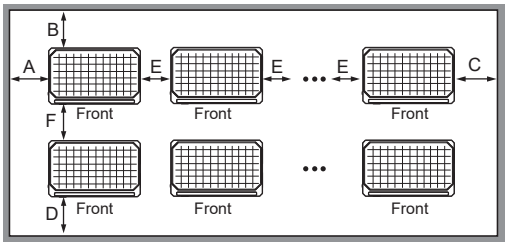
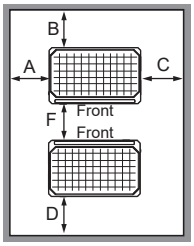
1.4.1 Product



1. ARUM080LTE6

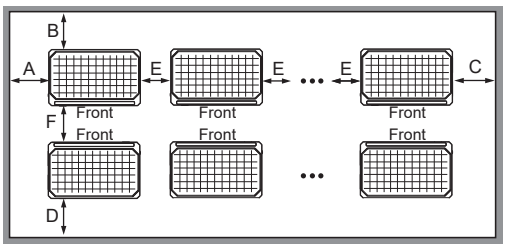
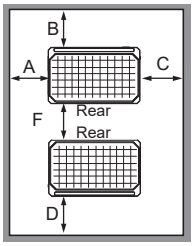
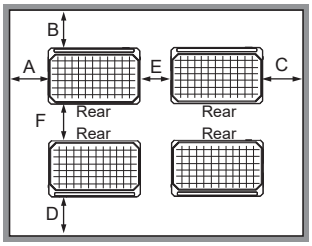
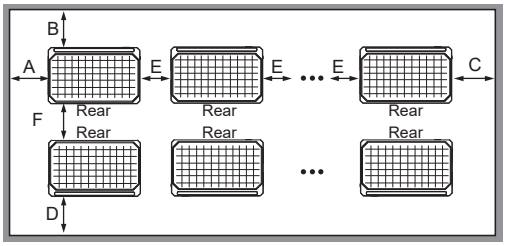
1.4.2 Installation Space

[Unit : mm(inch)]

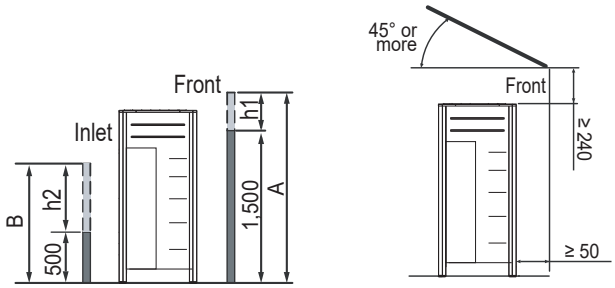
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

1. ARUM080LTE6

[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

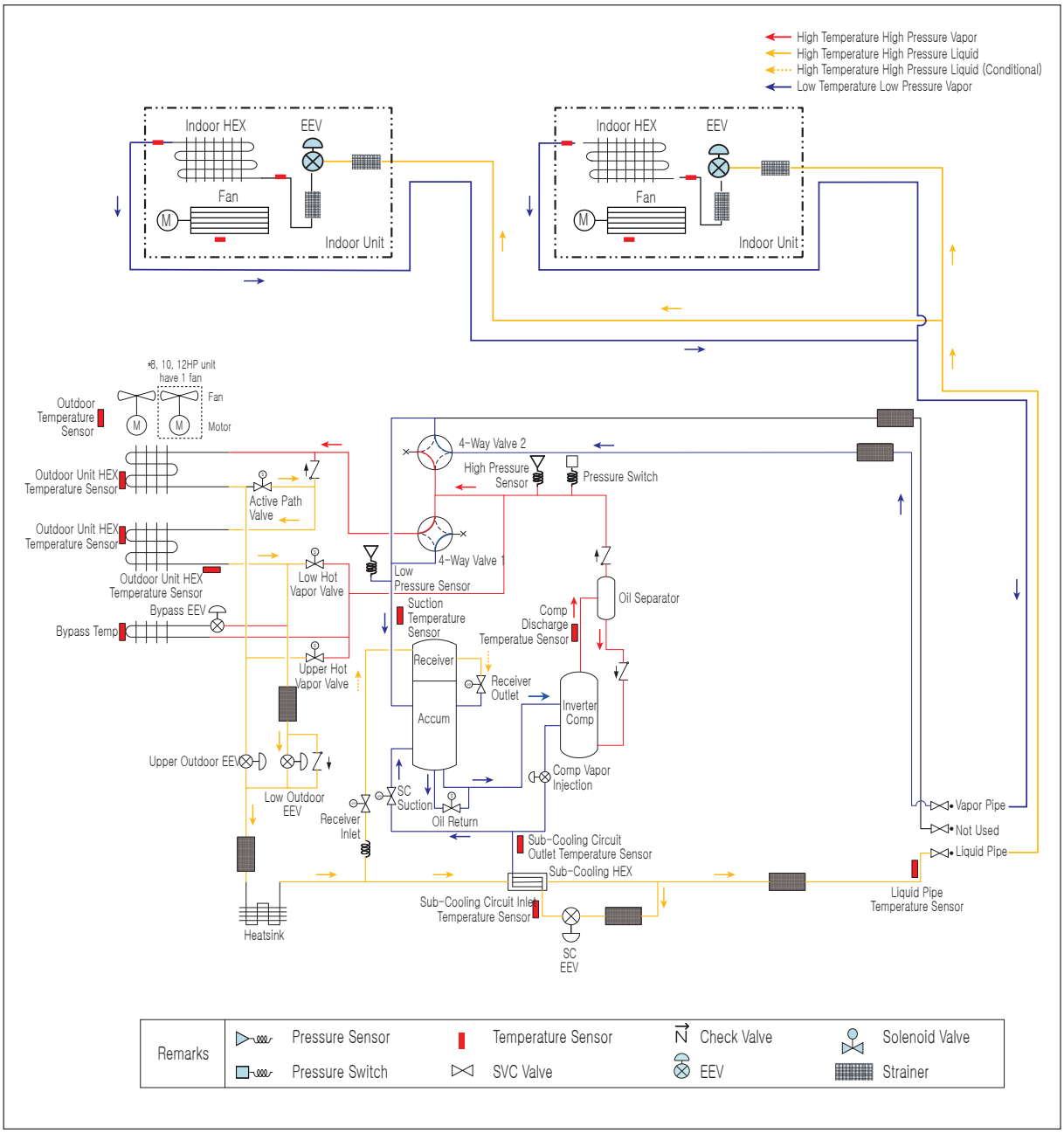
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

1. ARUM080LTE6

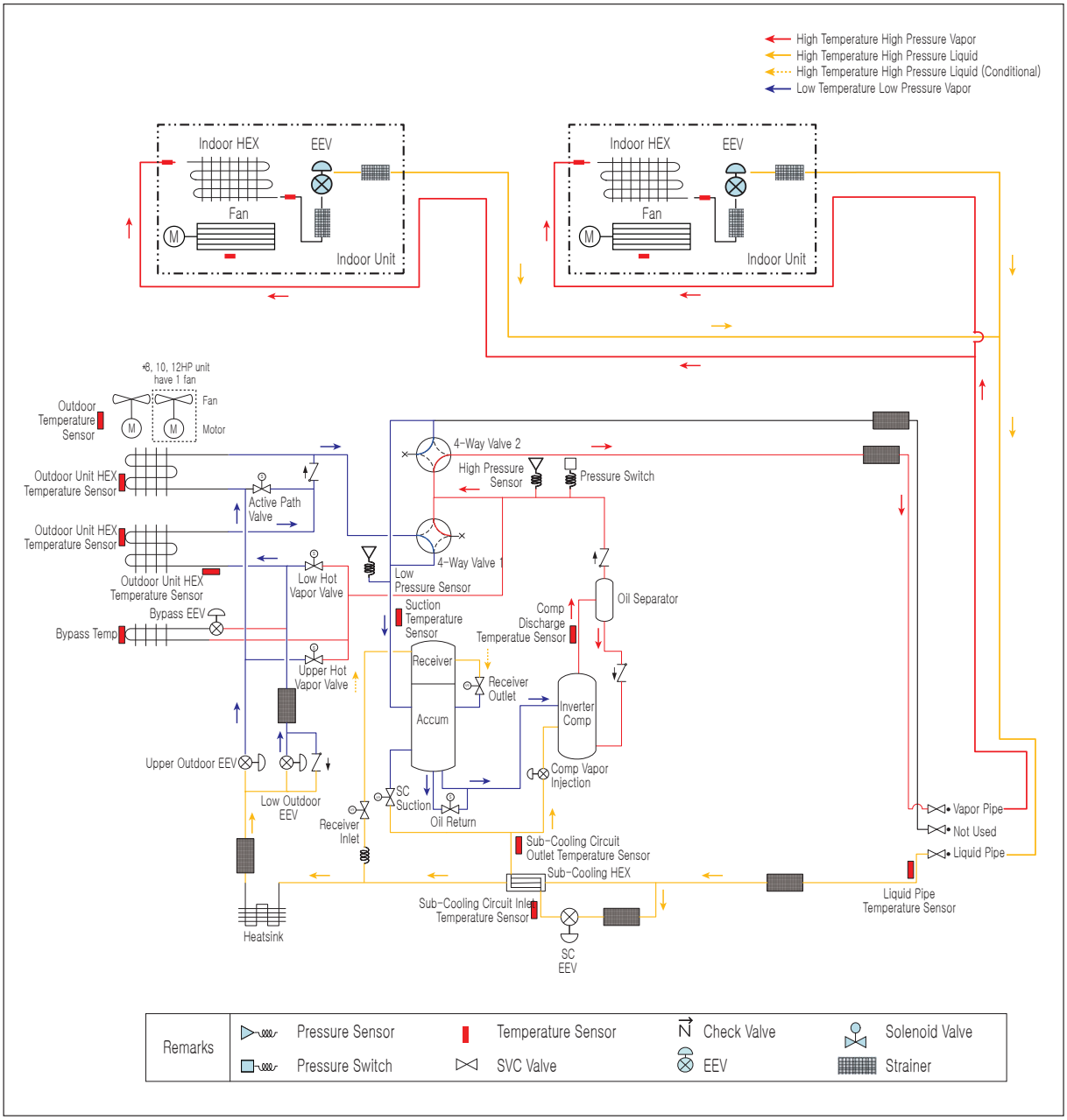
1.5 Piping Diagrams

1.5.1 Heat Pump : Cooling



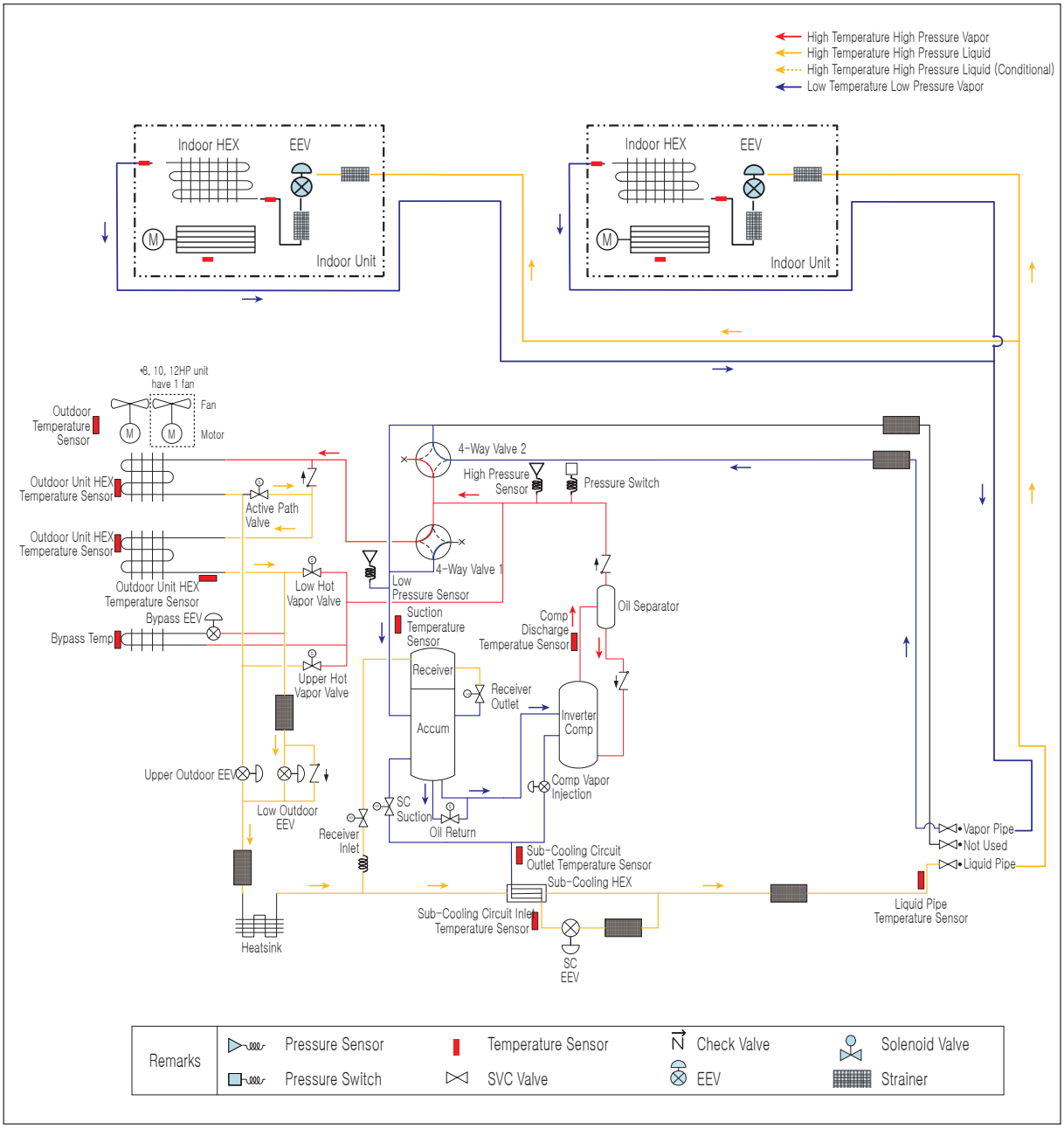
1. ARUM080LTE6

1.5.2 Heat Pump : Heating



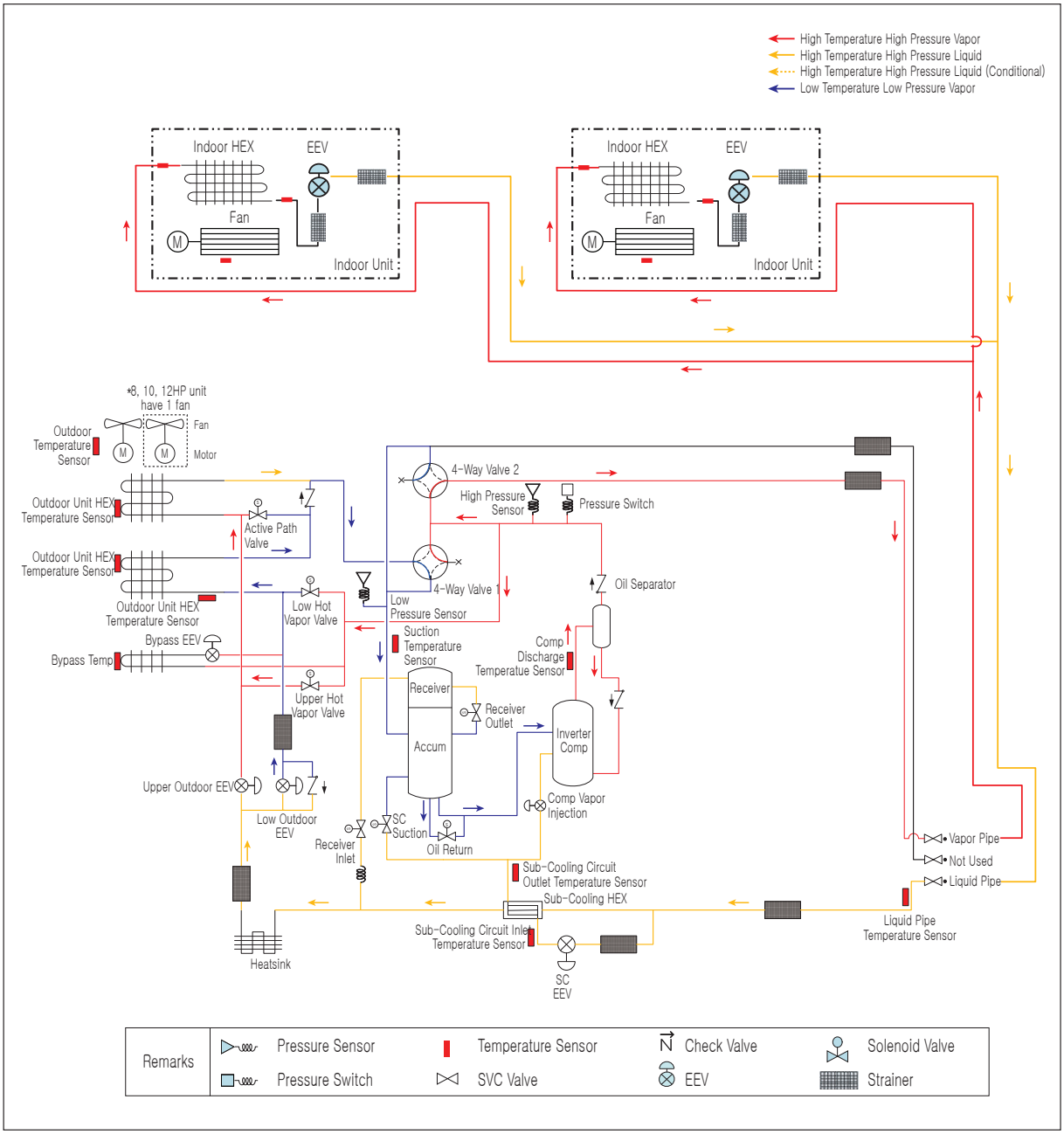
1. ARUM080LTE6

1.5.3 Heat Pump : Defrost / Oil Return



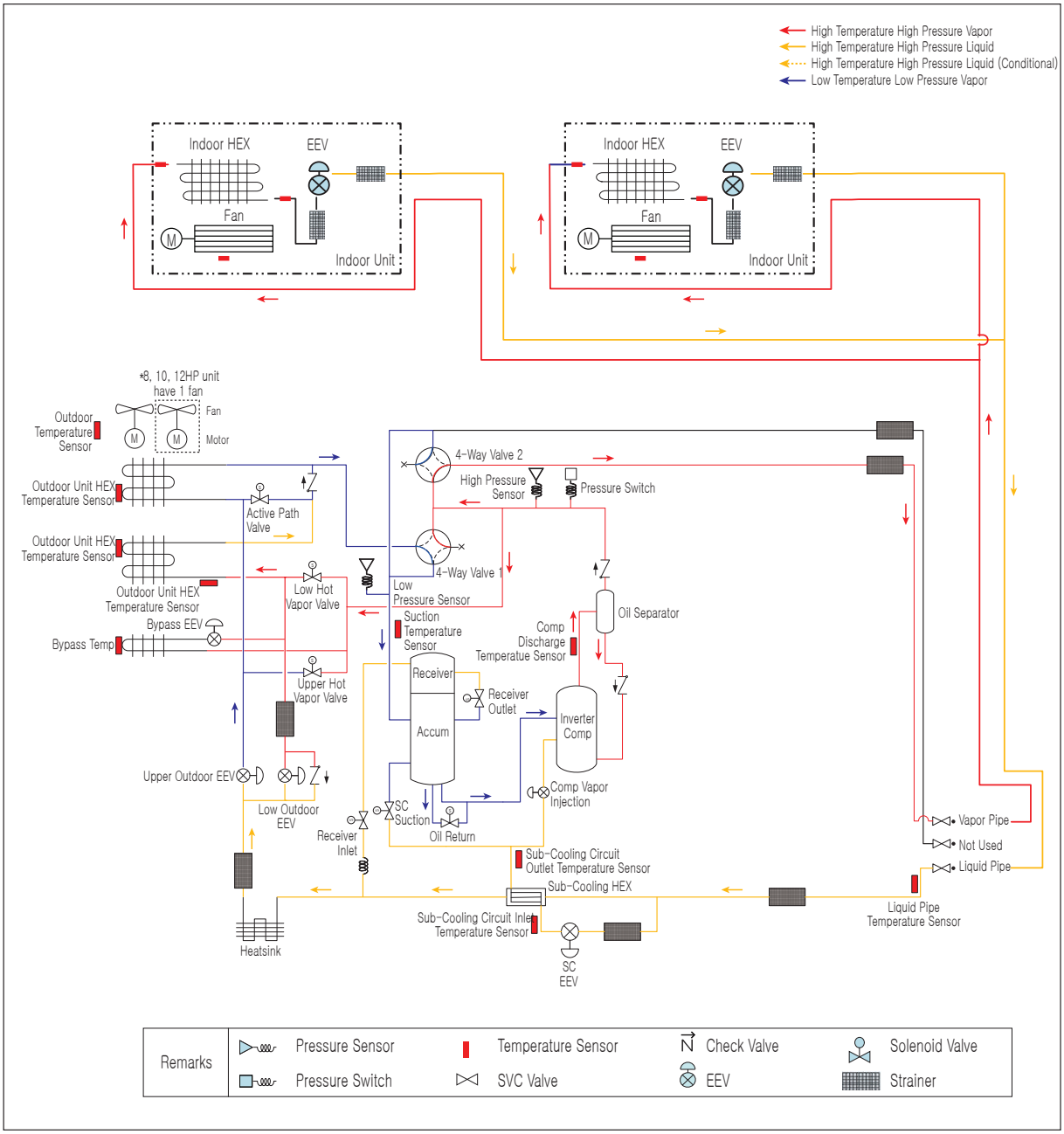
1. ARUM080LTE6

1.5.4 Heat Pump : Upper HEX Defrost



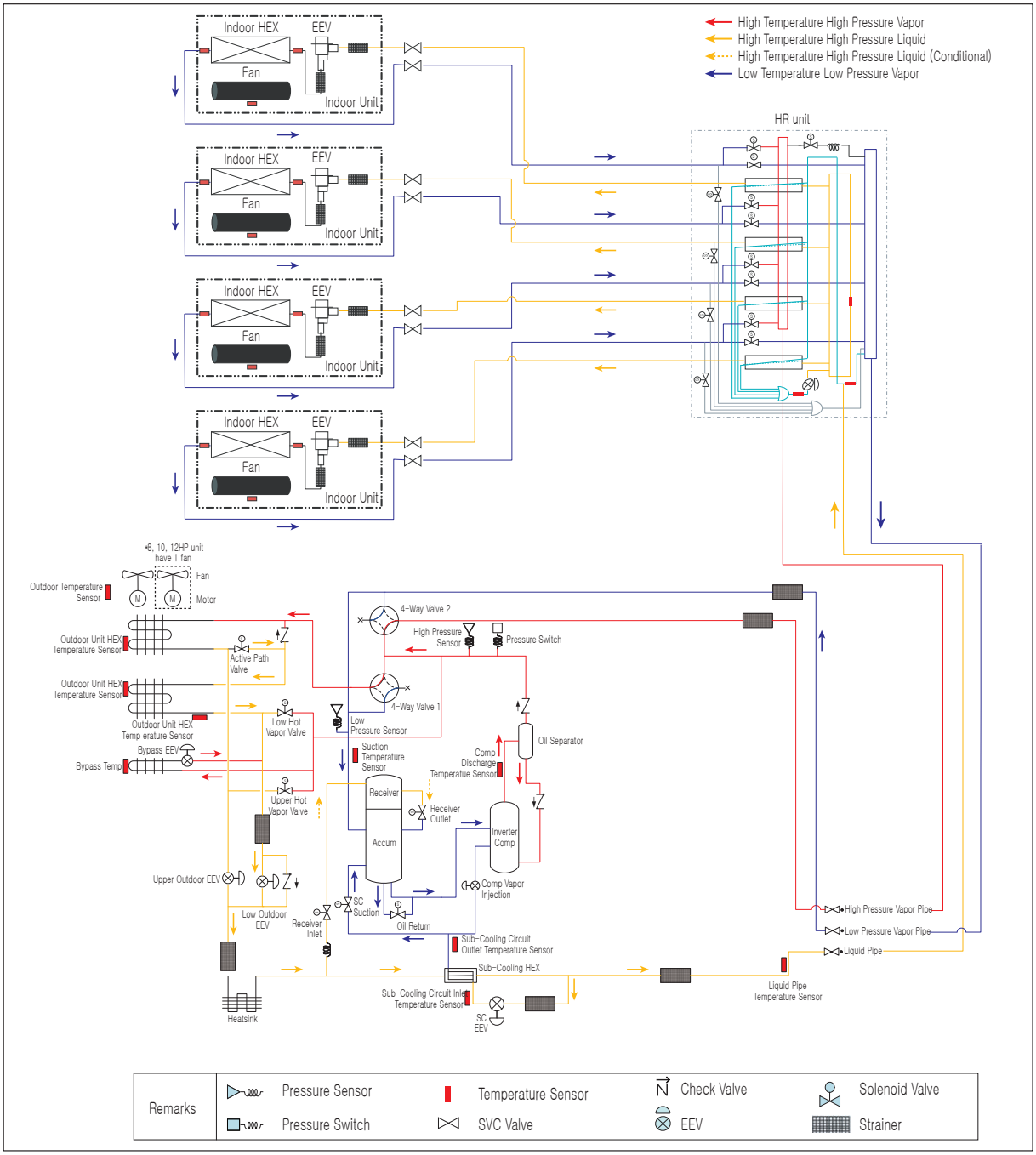
1. ARUM080LTE6

1.5.5 Heat Pump : Lower HEX Defrost



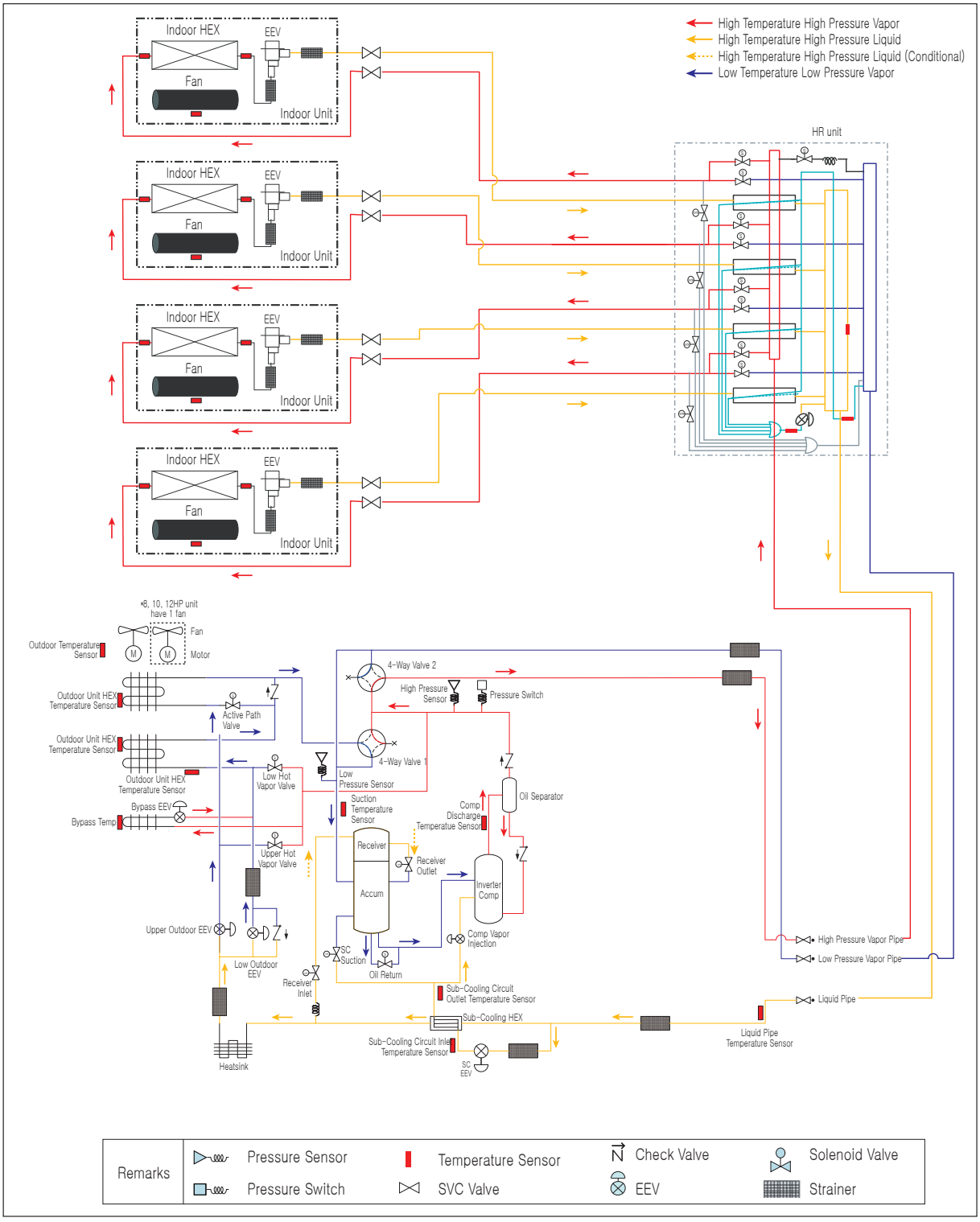
1. ARUM080LTE6

1.5.6 Heat Recovery : Cooling



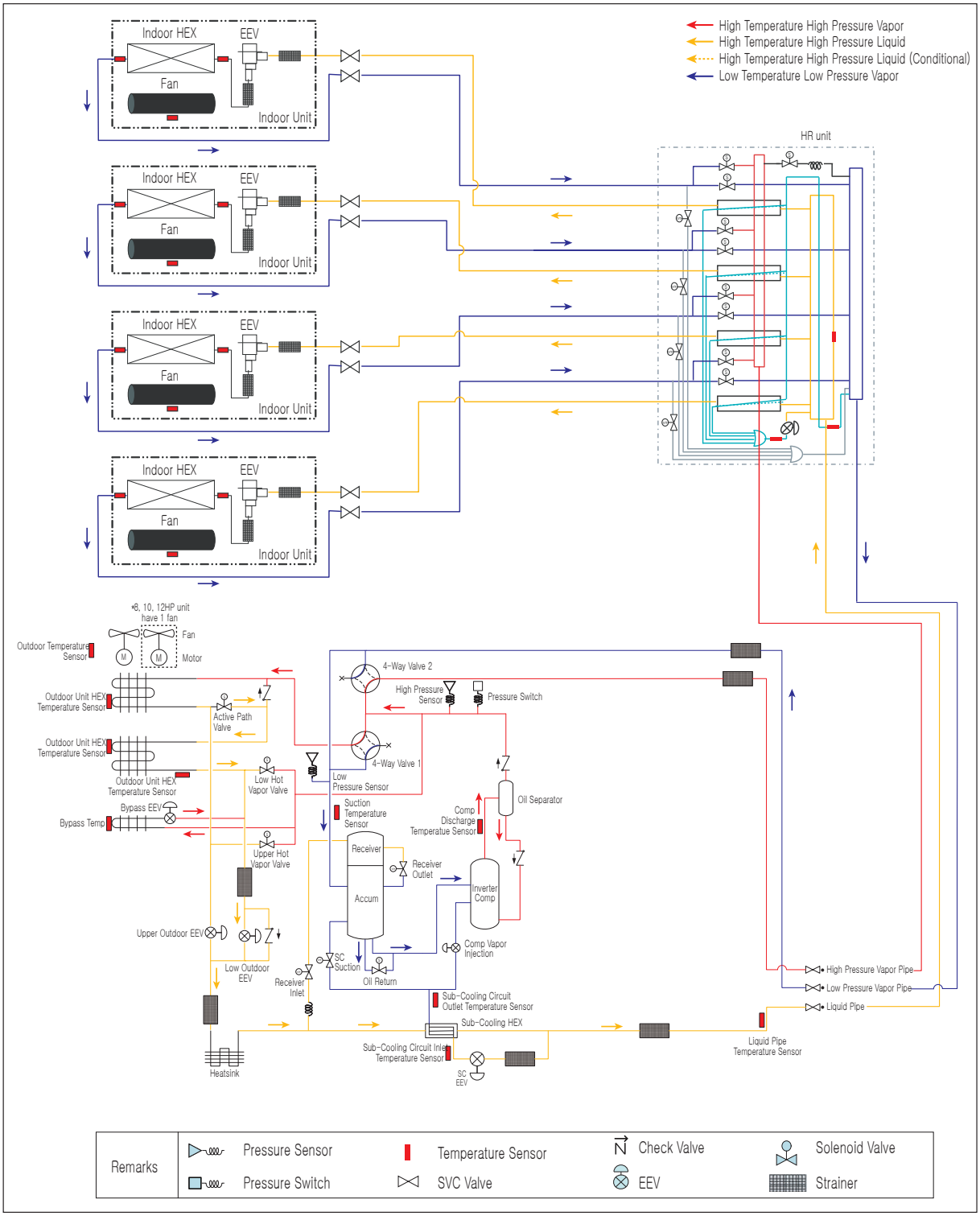
1. ARUM080LTE6

1.5.7 Heat Recovery : Heating



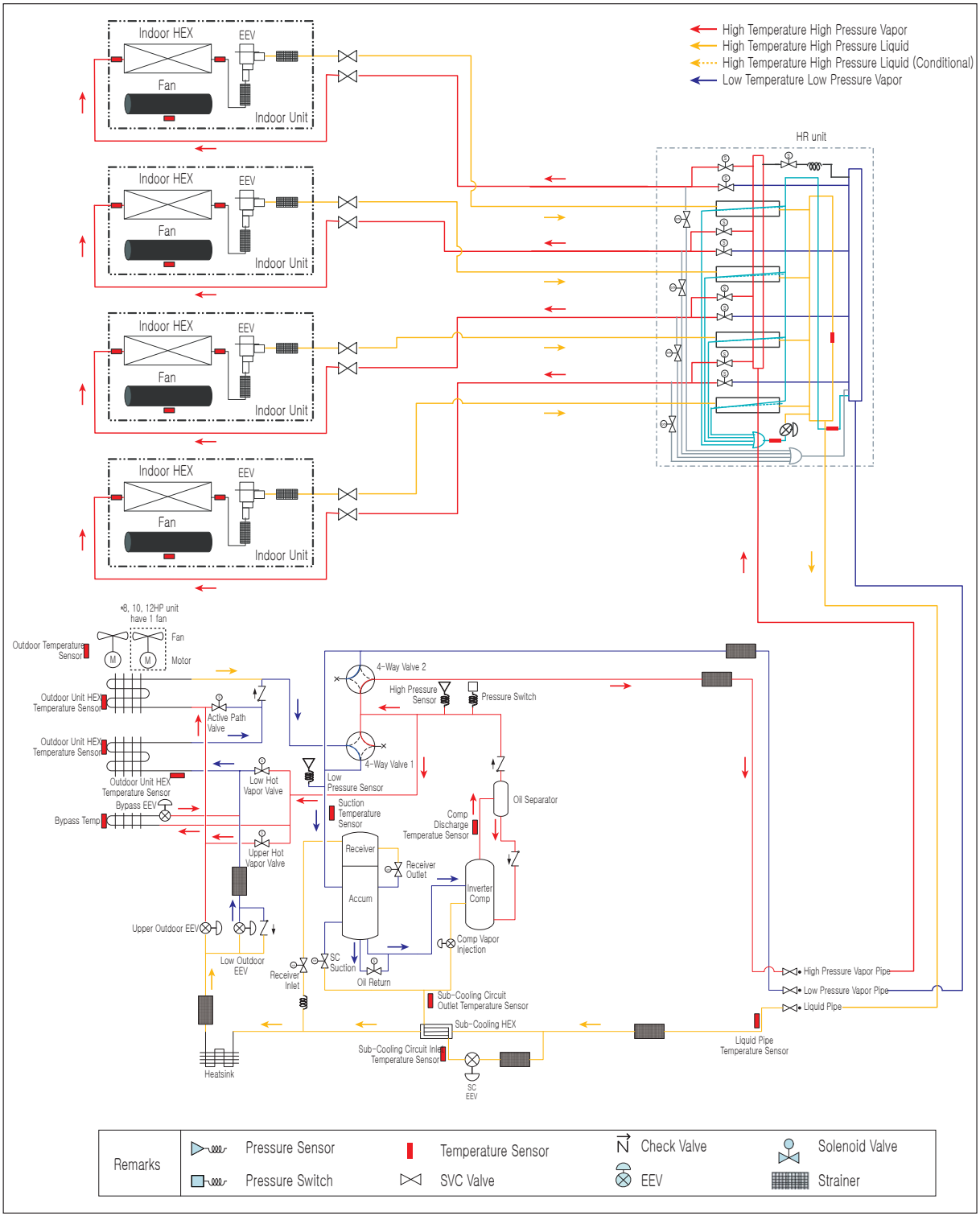
1. ARUM080LTE6

1.5.8 Heat Recovery : Defrost / Oil Return



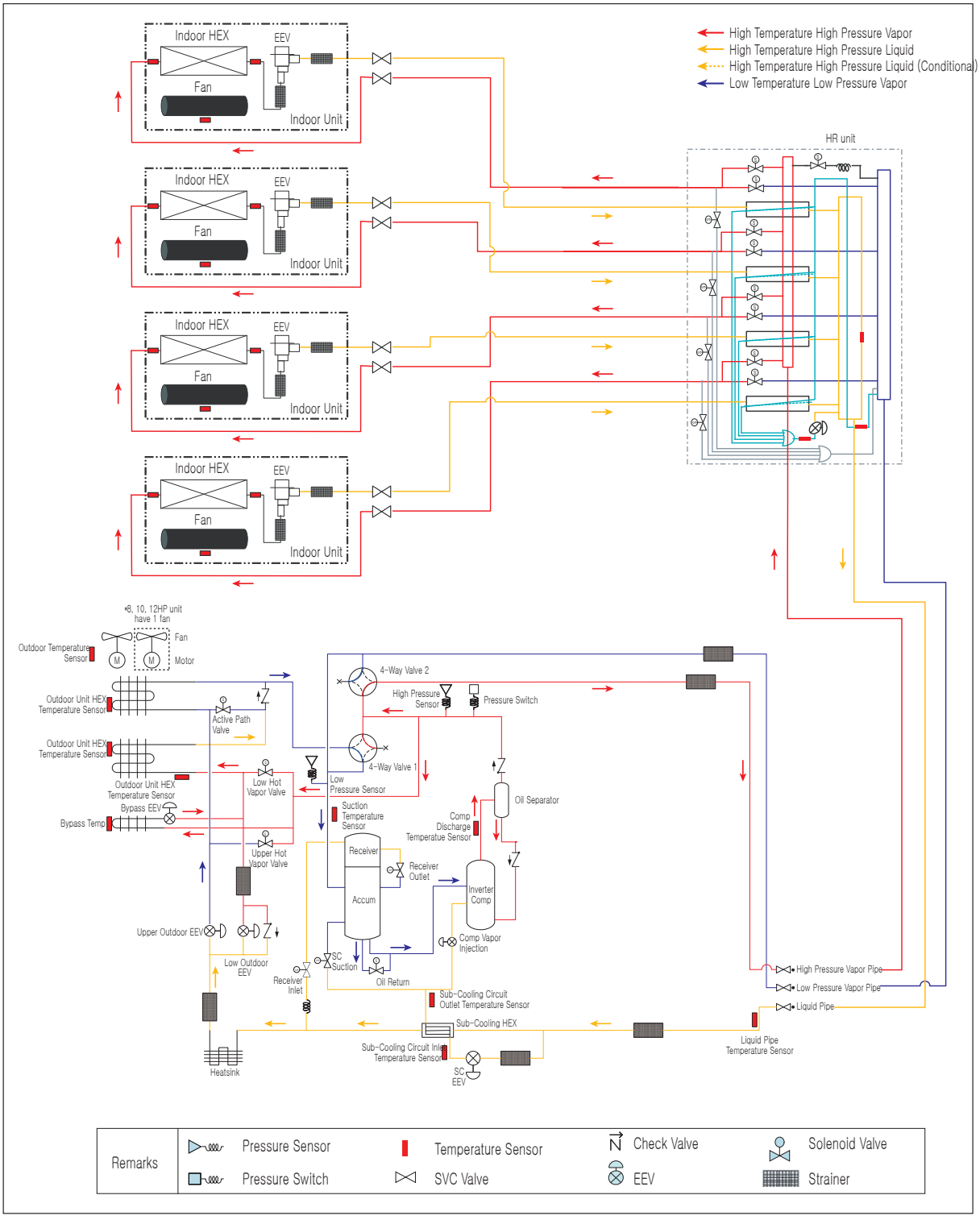
1. ARUM080LTE6

1.5.9 Heat Recovery : Upper HEX Defrost

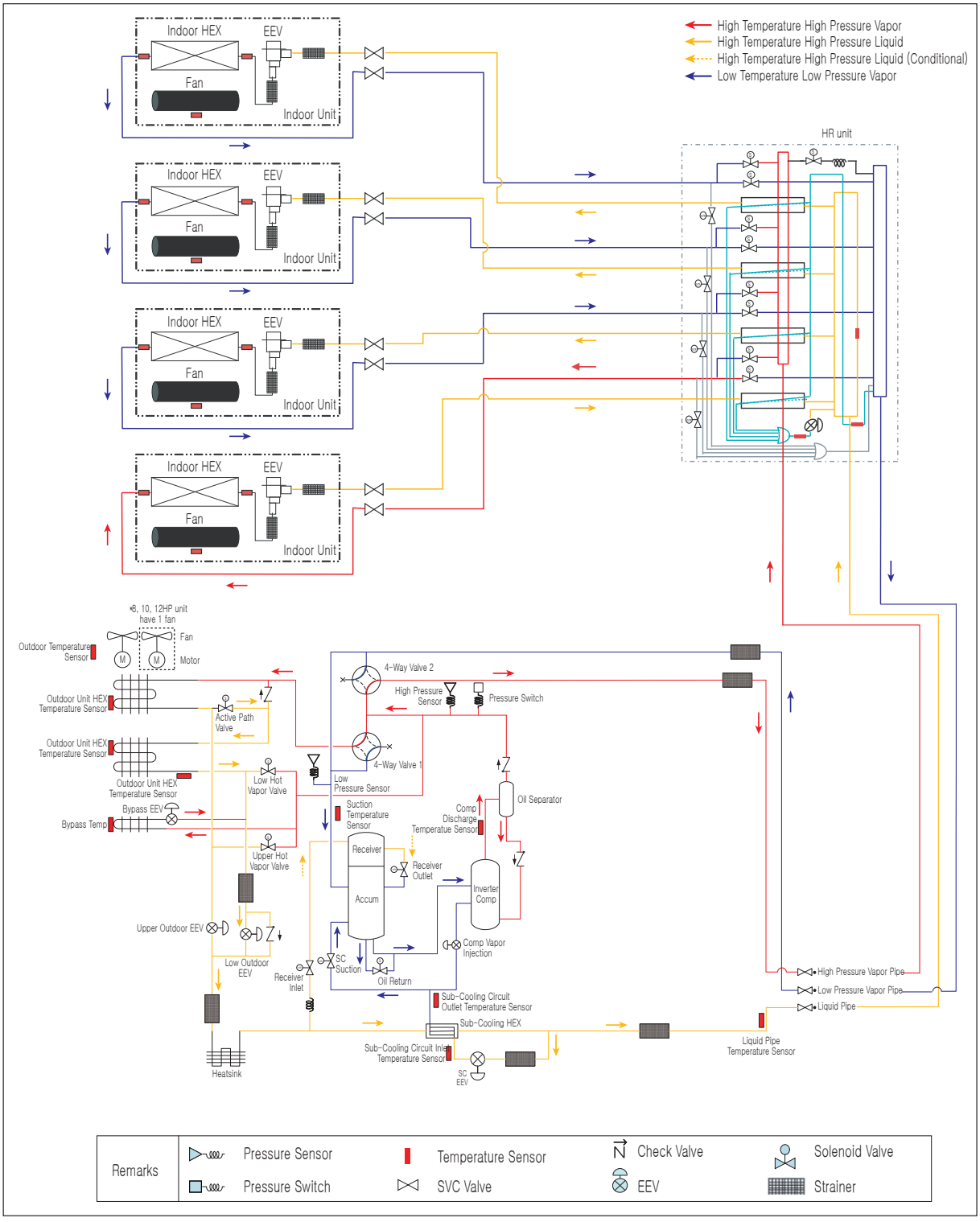


1. ARUM080LTE6

1.5.10 Heat Recovery : Lower HEX Defrost

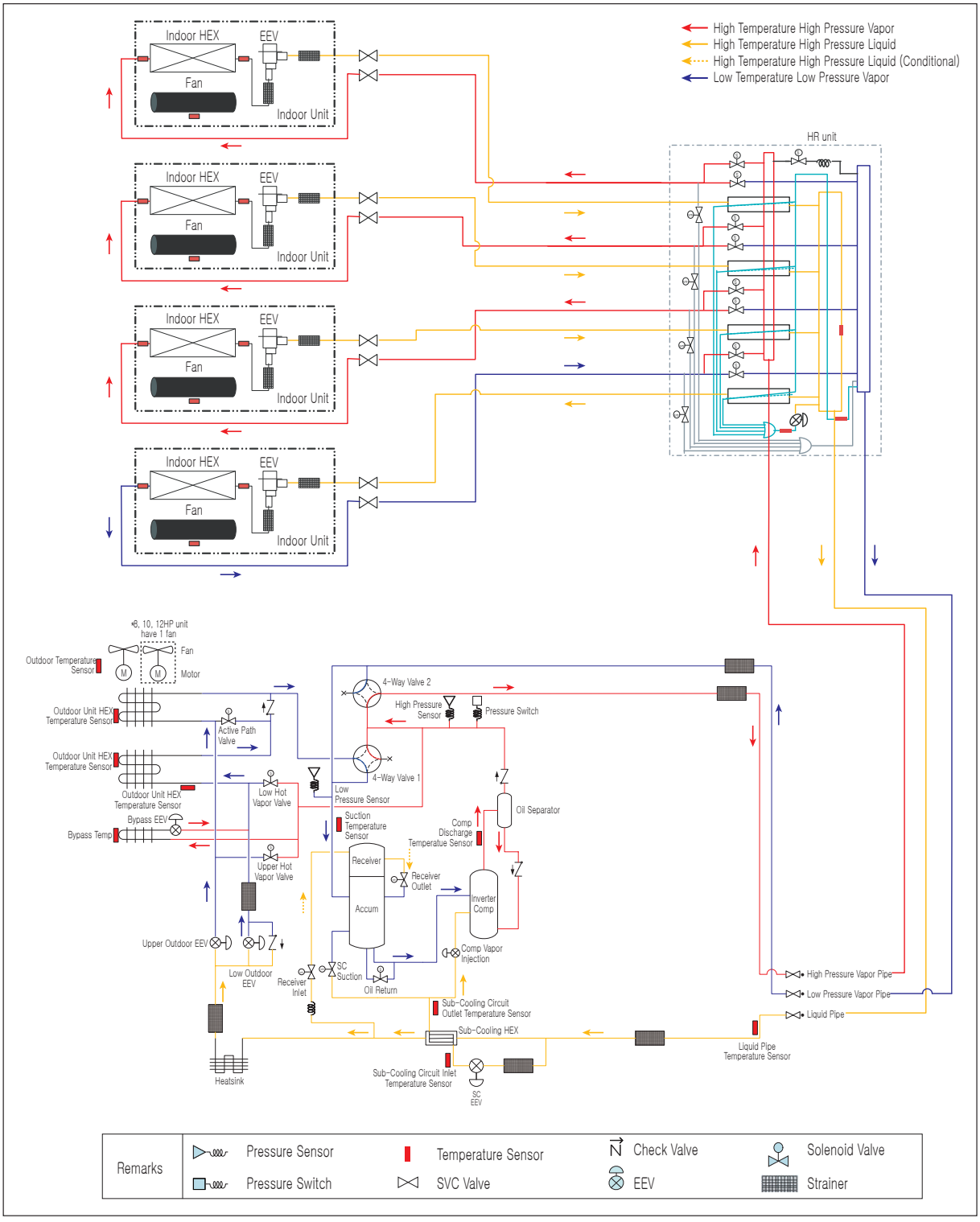


1.5.11 Heat Recovery : Cooling-based Simultaneous Operation



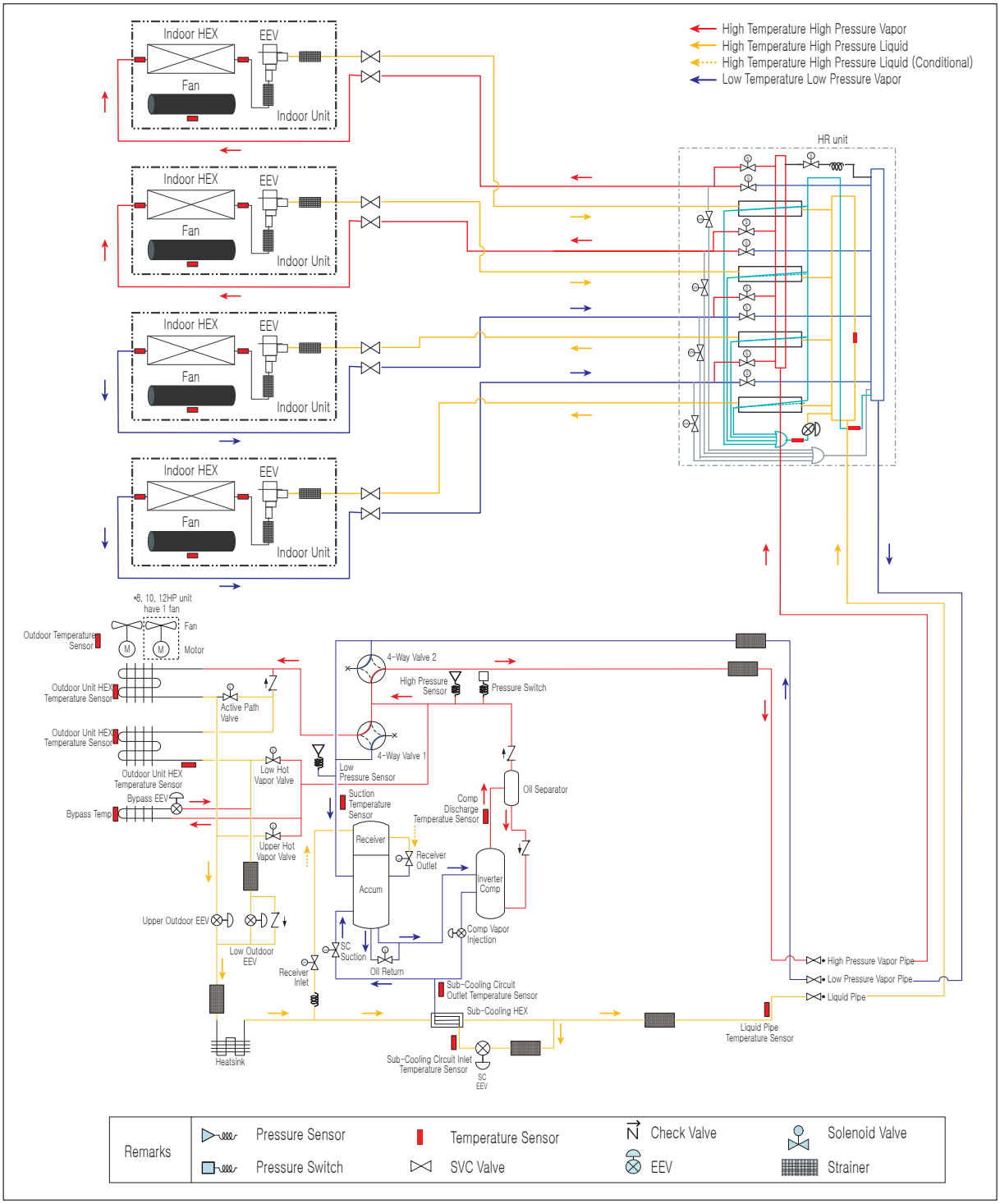
1. ARUM080LTE6

1.5.12 Heat Recovery : Heating-based Simultaneous Operation



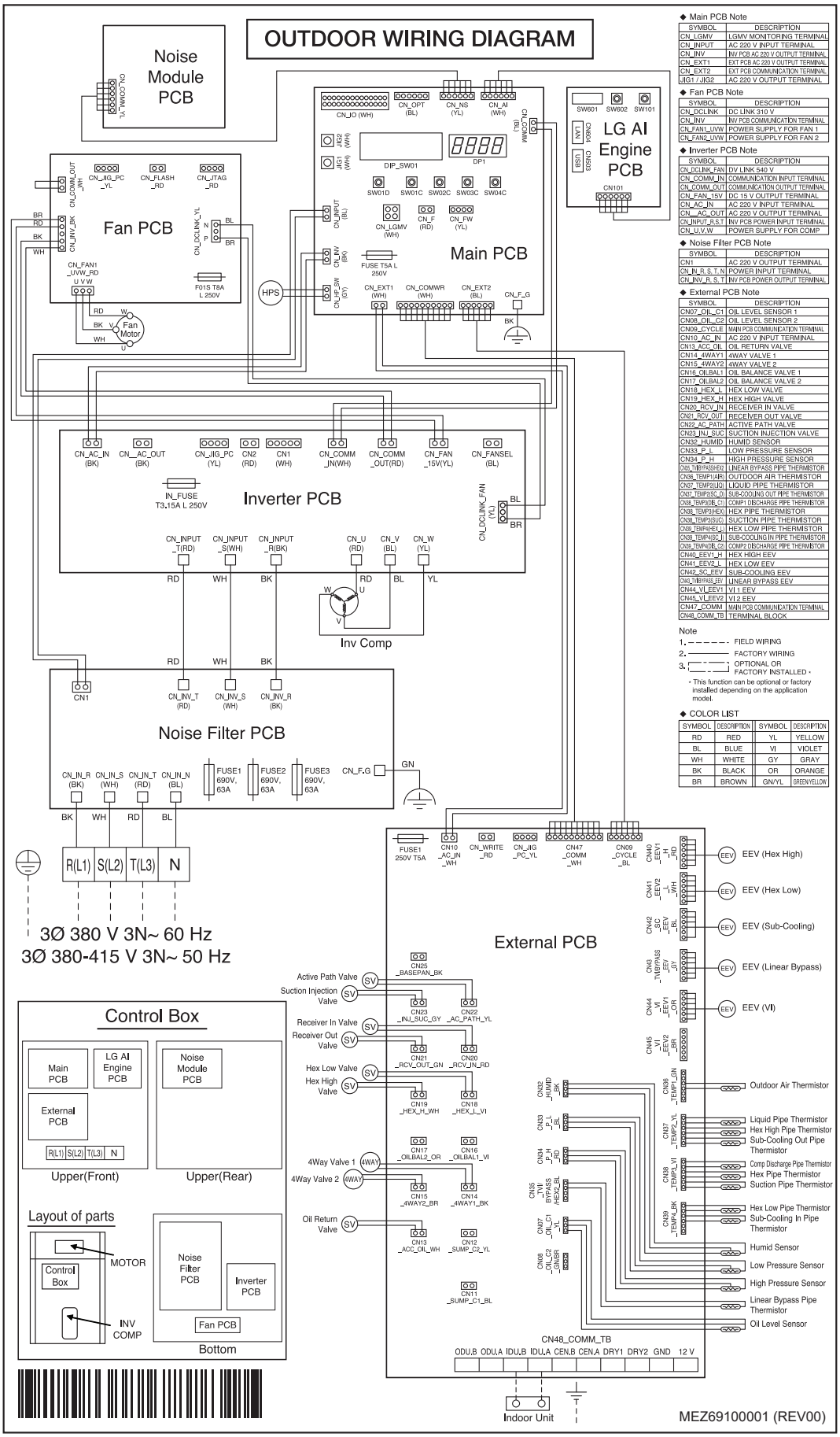
1. ARUM080LTE6

1.5.13 Heat Recovery : Balanced Simultaneous Operation



1. ARUM080LTE6

1.6 Wiring Diagrams



1. ARUM080LTE6

1.7 Capacity Tables

1.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	17.50	1.79	22.10	2.19	27.00	2.82	29.10	3.16	31.40	3.61	33.40	4.05	35.00	4.44
	12	17.50	1.92	22.10	2.38	27.00	3.09	29.10	3.48	31.40	3.97	33.40	4.45	35.00	4.87
	14	17.50	2.06	22.10	2.59	27.00	3.40	29.10	3.82	31.40	4.37	33.40	4.89	35.00	5.34
	16	17.50	2.21	22.10	2.83	27.00	3.74	29.10	4.21	31.40	4.80	33.40	5.37	35.00	5.85
	18	17.50	2.39	22.10	3.09	27.00	4.11	29.10	4.62	31.40	5.27	33.40	5.89	35.00	6.41
	20	17.50	2.59	22.10	3.39	27.00	4.51	29.10	5.08	31.40	5.79	33.40	6.46	35.00	7.02
	21	17.50	2.70	22.10	3.54	27.00	4.73	29.10	5.32	31.40	6.07	33.40	6.76	35.00	7.35
	23	17.50	2.93	22.10	3.88	27.00	5.20	29.10	5.85	31.40	6.66	33.40	7.41	35.00	8.02
	25	17.50	3.19	22.10	4.26	27.00	5.70	29.10	6.40	31.40	7.19	33.40	7.91	35.00	8.50
	27	17.50	3.48	22.10	4.67	27.00	6.12	29.10	6.80	31.40	7.63	33.40	8.39	35.00	8.98
	29	17.50	3.80	22.10	4.98	27.00	6.51	29.10	7.23	31.40	8.11	33.40	8.91	35.00	9.46
	31	17.50	4.03	22.10	5.30	27.00	6.92	29.10	7.69	31.40	8.62	33.40	9.48	35.00	9.96
	33	17.50	4.29	22.10	5.64	27.00	7.36	29.10	8.18	31.40	9.17	33.40	10.01	35.00	10.51
	35	17.50	4.56	22.10	6.00	27.00	7.84	29.10	8.71	31.40	9.78	33.40	10.57	34.10	10.79
	37	17.50	4.85	22.10	6.38	27.00	8.34	29.10	9.28	31.10	10.24	31.10	10.24	31.10	10.26
	39	17.50	5.16	22.10	6.79	27.00	8.89	28.30	9.48	28.20	9.47	28.20	9.47	28.20	9.46
	41	17.50	5.49	22.10	7.23	25.50	8.76	25.50	8.75	25.50	8.74	25.50	8.75	25.50	8.76
	43	17.50	5.84	22.10	7.70	22.90	8.09	22.90	8.08	23.00	8.10	22.90	8.08	22.90	8.09
	46	17.50	6.41	19.40	7.23	19.40	7.23	19.40	7.24	19.40	7.23	19.40	7.22	19.40	7.22
	48	17.30	6.74	17.30	6.74	17.30	6.74	17.30	6.73	17.30	6.73	17.30	6.74	17.10	6.64
	50	15.30	6.29	15.30	6.31	15.30	6.30	15.30	6.30	15.30	6.30	15.30	6.31	15.30	6.30
	52	13.50	5.92	13.50	5.92	13.50	5.92	13.50	5.92	13.50	5.92	13.50	5.92	13.50	5.92
120	10	16.10	1.65	20.40	2.02	24.90	2.52	26.90	2.79	29.00	3.15	30.90	3.49	32.30	3.80
	12	16.10	1.81	20.40	2.19	24.90	2.76	26.90	3.07	29.00	3.46	30.90	3.84	32.30	4.17
	14	16.10	1.93	20.40	2.37	24.90	3.03	26.90	3.37	29.00	3.81	30.90	4.23	32.30	4.59
	16	16.10	2.07	20.40	2.58	24.90	3.32	26.90	3.70	29.00	4.19	30.90	4.65	32.30	5.04
	18	16.10	2.22	20.40	2.81	24.90	3.65	26.90	4.07	29.00	4.60	30.90	5.10	32.30	5.53
	20	16.10	2.40	20.40	3.07	24.90	4.00	26.90	4.47	29.00	5.06	30.90	5.61	32.30	6.07
	21	16.10	2.49	20.40	3.20	24.90	4.19	26.90	4.69	29.00	5.30	30.90	5.87	32.30	6.36
	23	16.10	2.70	20.40	3.50	24.90	4.60	26.90	5.15	29.00	5.82	30.90	6.45	32.30	6.97
	25	16.10	2.93	20.40	3.83	24.90	5.05	26.90	5.65	29.00	6.38	30.90	6.99	32.30	7.49
	27	16.10	3.19	20.40	4.20	24.90	5.49	26.90	6.07	29.00	6.78	30.90	7.42	32.30	7.95
	29	16.10	3.47	20.40	4.52	24.90	5.83	26.90	6.46	29.00	7.20	30.90	7.89	32.30	8.45
	31	16.10	3.70	20.40	4.81	24.90	6.21	26.90	6.87	29.00	7.66	30.90	8.38	32.30	8.98
	33	16.10	3.93	20.40	5.11	24.90	6.60	26.90	7.30	29.00	8.15	30.90	8.92	32.30	9.56
	35	16.10	4.18	20.40	5.44	24.90	7.02	26.90	7.77	29.00	8.67	30.90	9.50	32.30	10.19
	37	16.10	4.44	20.40	5.79	24.90	7.48	26.90	8.27	29.00	9.24	30.90	10.14	31.10	10.25
	39	16.10	4.73	20.40	6.16	24.90	7.96	26.90	8.82	28.30	9.48	28.20	9.46	28.20	9.47
	41	16.10	5.03	20.40	6.55	24.90	8.48	25.50	8.74	25.50	8.76	25.50	8.74	25.50	8.73
	43	16.10	5.35	20.40	6.98	22.90	8.09	23.00	8.10	23.00	8.10	23.00	8.11	23.00	8.10
	46	16.10	5.88	19.40	7.23	19.40	7.23	19.40	7.23	19.40	7.22	19.40	7.22	19.40	7.22
	48	16.10	6.26	17.30	6.74	17.30	6.73	17.30	6.73	17.30	6.74	17.30	6.74	17.30	6.74
	50	15.30	6.31	15.30	6.30	15.30	6.29	15.30	6.30	15.30	6.31	15.30	6.29	15.30	6.30
	52	13.50	5.93	13.50	5.93	13.50	5.92	13.50	5.92	13.50	5.92	13.50	5.92	13.50	5.92
110	10	14.80	1.43	18.70	1.88	22.90	2.27	24.60	2.48	26.60	2.76	28.30	3.02	29.60	3.25
	12	14.80	1.72	18.70	2.02	22.90	2.48	24.60	2.72	26.60	3.02	28.30	3.32	29.60	3.58
	14	14.80	1.82	18.70	2.18	22.90	2.70	24.60	2.98	26.60	3.32	28.30	3.65	29.60	3.94

1. ARUM080LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	14.80	1.94	18.70	2.36	22.90	2.96	24.60	3.26	26.60	3.65	28.30	4.02	29.60	4.33
	18	14.80	2.07	18.70	2.55	22.90	3.24	24.60	3.58	26.60	4.01	28.30	4.41	29.60	4.76
	20	14.80	2.22	18.70	2.78	22.90	3.55	24.60	3.93	26.60	4.41	28.30	4.85	29.60	5.23
	21	14.80	2.30	18.70	2.90	22.90	3.71	24.60	4.12	26.60	4.62	28.30	5.09	29.60	5.48
	23	14.80	2.48	18.70	3.16	22.90	4.07	24.60	4.52	26.60	5.07	28.30	5.59	29.60	6.02
	25	14.80	2.69	18.70	3.45	22.90	4.46	24.60	4.96	26.60	5.57	28.30	6.13	29.60	6.57
	27	14.80	2.91	18.70	3.77	22.90	4.89	24.60	5.39	26.60	5.99	28.30	6.53	29.60	6.98
	29	14.80	3.17	18.70	4.09	22.90	5.21	24.60	5.74	26.60	6.37	28.30	6.94	29.60	7.42
	31	14.80	3.39	18.70	4.34	22.90	5.54	24.60	6.10	26.60	6.77	28.30	7.38	29.60	7.89
	33	14.80	3.60	18.70	4.62	22.90	5.89	24.60	6.49	26.60	7.21	28.30	7.86	29.60	8.39
	35	14.80	3.82	18.70	4.91	22.90	6.27	24.60	6.91	26.60	7.67	28.30	8.36	29.60	8.93
	37	14.80	4.06	18.70	5.22	22.90	6.67	24.60	7.35	26.60	8.16	28.30	8.91	29.60	9.52
	39	14.80	4.32	18.70	5.56	22.90	7.10	24.60	7.83	26.60	8.70	28.20	9.45	28.20	9.47
	41	14.80	4.59	18.70	5.91	22.90	7.56	24.60	8.34	25.50	8.76	25.50	8.75	25.50	8.74
	43	14.80	4.89	18.70	6.29	22.90	8.05	22.90	8.09	23.00	8.10	22.90	8.09	22.90	8.08
	46	14.80	5.37	18.70	6.91	19.40	7.23	19.40	7.23	19.40	7.22	19.40	7.22	19.40	7.23
	48	14.80	5.72	17.30	6.73	17.30	6.74	17.30	6.74	17.30	6.74	17.30	6.74	17.30	6.73
	50	14.80	6.09	15.30	6.31	15.30	6.30	15.30	6.30	15.30	6.30	15.30	6.31	15.30	6.29
	52	13.50	5.93	13.50	5.92	13.50	5.91	13.50	5.92	13.50	5.92	13.50	5.93	13.50	5.92
100	10	13.50	1.24	17.00	1.76	20.80	2.06	22.40	2.22	24.20	2.43	25.70	2.63	26.90	2.80
	12	13.50	1.64	17.00	1.88	20.80	2.23	22.40	2.42	24.20	2.65	25.70	2.88	26.90	3.08
	14	13.50	1.72	17.00	2.01	20.80	2.42	22.40	2.63	24.20	2.90	25.70	3.16	26.90	3.38
	16	13.50	1.82	17.00	2.16	20.80	2.64	22.40	2.88	24.20	3.18	25.70	3.47	26.90	3.72
	18	13.50	1.93	17.00	2.33	20.80	2.87	22.40	3.15	24.20	3.49	25.70	3.81	26.90	4.08
	20	13.50	2.06	17.00	2.52	20.80	3.14	22.40	3.45	24.20	3.83	25.70	4.19	26.90	4.49
	21	13.50	2.13	17.00	2.62	20.80	3.28	22.40	3.61	24.20	4.01	25.70	4.39	26.90	4.70
	23	13.50	2.29	17.00	2.84	20.80	3.59	22.40	3.95	24.20	4.40	25.70	4.82	26.90	5.16
	25	13.50	2.46	17.00	3.09	20.80	3.93	22.40	4.34	24.20	4.83	25.70	5.29	26.90	5.67
	27	13.50	2.66	17.00	3.37	20.80	4.30	22.40	4.75	24.20	5.27	25.70	5.72	26.90	6.09
	29	13.50	2.88	17.00	3.68	20.80	4.63	22.40	5.07	24.20	5.60	25.70	6.08	26.90	6.47
	31	13.50	3.10	17.00	3.91	20.80	4.92	22.40	5.39	24.20	5.96	25.70	6.47	26.90	6.89
	33	13.50	3.28	17.00	4.15	20.80	5.23	22.40	5.74	24.20	6.34	25.70	6.88	26.90	7.32
	35	13.50	3.48	17.00	4.41	20.80	5.57	22.40	6.10	24.20	6.74	25.70	7.32	26.90	7.79
	37	13.50	3.70	17.00	4.69	20.80	5.92	22.40	6.50	24.20	7.18	25.70	7.79	26.90	8.30
	39	13.50	3.93	17.00	4.99	20.80	6.30	22.40	6.91	24.20	7.64	25.70	8.30	26.90	8.84
	41	13.50	4.18	17.00	5.31	20.80	6.71	22.40	7.36	24.20	8.14	25.50	8.75	25.50	8.75
	43	13.50	4.45	17.00	5.65	20.80	7.14	22.40	7.84	23.00	8.10	23.00	8.09	23.00	8.09
	46	13.50	4.89	17.00	6.21	19.40	7.22	19.40	7.24	19.40	7.23	19.40	7.22	19.40	7.23
	48	13.50	5.20	17.00	6.61	17.30	6.74	17.30	6.73	17.30	6.73	17.30	6.74	17.30	6.73
	50	13.50	5.54	15.30	6.30	15.30	6.30	15.30	6.30	15.30	6.30	15.30	6.29	15.30	6.30
	52	13.50	5.90	13.60	5.95	13.50	5.93	13.50	5.92	13.50	5.92	13.50	5.92	13.50	5.93
90	10	12.10	1.08	15.30	1.50	18.70	1.88	20.20	2.00	21.80	2.16	23.20	2.30	24.20	2.43
	12	12.10	1.56	15.30	1.75	18.70	2.02	20.20	2.16	21.80	2.34	23.20	2.51	24.20	2.66
	14	12.10	1.64	15.30	1.86	18.70	2.18	20.20	2.34	21.80	2.55	23.20	2.74	24.20	2.91
	16	12.10	1.72	15.30	1.98	18.70	2.36	20.20	2.55	21.80	2.78	23.20	3.00	24.20	3.19
	18	12.10	1.81	15.30	2.13	18.70	2.56	20.20	2.77	21.80	3.04	23.20	3.29	24.20	3.50
	20	12.10	1.92	15.30	2.28	18.70	2.78	20.20	3.02	21.80	3.32	23.20	3.60	24.20	3.84
	21	12.10	1.98	15.30	2.37	18.70	2.90	20.20	3.16	21.80	3.48	23.20	3.77	24.20	4.02
	23	12.10	2.11	15.30	2.56	18.70	3.16	20.20	3.45	21.80	3.81	23.20	4.14	24.20	4.41
	25	12.10	2.26	15.30	2.77	18.70	3.45	20.20	3.78	21.80	4.17	23.20	4.54	24.20	4.84
	27	12.10	2.43	15.30	3.01	18.70	3.77	20.20	4.13	21.80	4.58	23.20	4.97	24.20	5.28

1. ARUM080LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	12.10	2.62	15.30	3.28	18.70	4.09	20.20	4.46	21.80	4.89	23.20	5.29	24.20	5.61
	31	12.10	2.83	15.30	3.50	18.70	4.35	20.20	4.74	21.80	5.21	23.20	5.63	24.20	5.97
	33	12.10	2.99	15.30	3.72	18.70	4.62	20.20	5.04	21.80	5.54	23.20	5.99	24.20	6.35
	35	12.10	3.16	15.30	3.95	18.70	4.92	20.20	5.36	21.80	5.89	23.20	6.37	24.20	6.76
	37	12.10	3.35	15.30	4.20	18.70	5.23	20.20	5.71	21.80	6.27	23.20	6.78	24.20	7.19
	39	12.10	3.56	15.30	4.46	18.70	5.56	20.20	6.07	21.80	6.67	23.20	7.21	24.20	7.66
	41	12.10	3.79	15.30	4.75	18.70	5.92	20.20	6.46	21.80	7.10	23.20	7.68	24.20	8.16
	43	12.10	4.03	15.30	5.05	18.70	6.30	20.20	6.88	21.80	7.56	22.90	8.08	23.00	8.10
	46	12.10	4.43	15.30	5.55	18.70	6.92	19.40	7.23	19.40	7.24	19.40	7.23	19.40	7.22
	48	12.10	4.72	15.30	5.91	17.30	6.74	17.30	6.73	17.30	6.73	17.30	6.73	17.30	6.74
	50	12.10	5.02	15.30	6.29	15.30	6.31	15.30	6.31	15.30	6.30	15.30	6.30	15.30	6.31
	52	12.10	5.35	13.50	5.93	13.50	5.93	13.50	5.92	13.50	5.93	13.50	5.92	13.50	5.92
80	10	10.80	0.94	13.60	1.26	16.60	1.74	17.90	1.82	19.40	1.93	20.60	2.04	21.50	2.13
	12	10.80	1.48	13.60	1.64	16.60	1.85	17.90	1.95	19.40	2.08	20.60	2.21	21.50	2.31
	14	10.80	1.54	13.60	1.73	16.60	1.98	17.90	2.10	19.40	2.25	20.60	2.40	21.50	2.52
	16	10.80	1.61	13.60	1.83	16.60	2.12	17.90	2.26	19.40	2.44	20.60	2.61	21.50	2.75
	18	10.80	1.69	13.60	1.95	16.60	2.28	17.90	2.45	19.40	2.65	20.60	2.84	21.50	3.00
	20	10.80	1.78	13.60	2.08	16.60	2.46	17.90	2.65	19.40	2.89	20.60	3.10	21.50	3.28
	21	10.80	1.84	13.60	2.15	16.60	2.56	17.90	2.77	19.40	3.01	20.60	3.24	21.50	3.43
	23	10.80	1.95	13.60	2.31	16.60	2.78	17.90	3.01	19.40	3.29	20.60	3.54	21.50	3.76
	25	10.80	2.07	13.60	2.49	16.60	3.02	17.90	3.28	19.40	3.59	20.60	3.88	21.50	4.12
	27	10.80	2.22	13.60	2.69	16.60	3.29	17.90	3.58	19.40	3.93	20.60	4.25	21.50	4.51
	29	10.80	2.38	13.60	2.91	16.60	3.59	17.90	3.90	19.40	4.25	20.60	4.57	21.50	4.83
	31	10.80	2.56	13.60	3.13	16.60	3.82	17.90	4.14	19.40	4.52	20.60	4.86	21.50	5.14
	33	10.80	2.71	13.60	3.31	16.60	4.06	17.90	4.40	19.40	4.81	20.60	5.17	21.50	5.47
	35	10.80	2.86	13.60	3.51	16.60	4.31	17.90	4.68	19.40	5.11	20.60	5.50	21.50	5.81
	37	10.80	3.03	13.60	3.73	16.60	4.58	17.90	4.98	19.40	5.44	20.60	5.85	21.50	6.19
	39	10.80	3.22	13.60	3.97	16.60	4.88	17.90	5.29	19.40	5.79	20.60	6.23	21.50	6.58
	41	10.80	3.42	13.60	4.22	16.60	5.19	17.90	5.63	19.40	6.16	20.60	6.63	21.50	7.01
	43	10.80	3.63	13.60	4.49	16.60	5.52	17.90	6.00	19.40	6.55	20.60	7.05	21.50	7.46
	46	10.80	3.99	13.60	4.93	16.60	6.07	17.90	6.58	19.40	7.20	19.40	7.24	19.40	7.23
	48	10.80	4.25	13.60	5.25	16.60	6.46	17.30	6.73	17.30	6.74	17.30	6.74	17.30	6.75
	50	10.80	4.53	13.60	5.59	15.30	6.31	15.30	6.30	15.30	6.30	15.30	6.31	15.30	6.30
	52	10.80	4.83	13.50	5.93	13.50	5.92	13.50	5.92	13.50	5.93	13.50	5.92	13.50	5.92
70	10	9.40	0.79	11.90	1.06	14.60	1.39	15.70	1.57	16.90	1.76	18.00	1.83	18.80	1.89
	12	9.40	1.19	11.90	1.55	14.60	1.70	15.70	1.78	16.90	1.87	18.00	1.96	18.80	2.04
	14	9.40	1.43	11.90	1.62	14.60	1.80	15.70	1.89	16.90	2.00	18.00	2.11	18.80	2.20
	16	9.40	1.49	11.90	1.70	14.60	1.92	15.70	2.02	16.90	2.15	18.00	2.27	18.80	2.38
	18	9.40	1.55	11.90	1.79	14.60	2.04	15.70	2.17	16.90	2.32	18.00	2.46	18.80	2.58
	20	9.40	1.63	11.90	1.90	14.60	2.19	15.70	2.33	16.90	2.51	18.00	2.67	18.80	2.80
	21	9.40	1.67	11.90	1.95	14.60	2.27	15.70	2.42	16.90	2.61	18.00	2.78	18.80	2.92
	23	9.40	1.77	11.90	2.08	14.60	2.45	15.70	2.62	16.90	2.83	18.00	3.03	18.80	3.19
	25	9.40	1.88	11.90	2.23	14.60	2.64	15.70	2.84	16.90	3.08	18.00	3.30	18.80	3.48
	27	9.40	2.00	11.90	2.39	14.60	2.87	15.70	3.09	16.90	3.36	18.00	3.60	18.80	3.80
	29	9.40	2.14	11.90	2.58	14.60	3.11	15.70	3.36	16.90	3.66	18.00	3.92	18.80	4.12
	31	9.40	2.30	11.90	2.78	14.60	3.34	15.70	3.59	16.90	3.89	18.00	4.16	18.80	4.38
	33	9.40	2.44	11.90	2.94	14.60	3.54	15.70	3.81	16.90	4.14	18.00	4.42	18.80	4.66
	35	9.40	2.57	11.90	3.11	14.60	3.76	15.70	4.05	16.90	4.40	18.00	4.71	18.80	4.96
	37	9.40	2.72	11.90	3.30	14.60	3.99	15.70	4.30	16.90	4.68	18.00	5.01	18.80	5.27
	39	9.40	2.89	11.90	3.50	14.60	4.24	15.70	4.58	16.90	4.97	18.00	5.33	18.80	5.61
	41	9.40	3.07	11.90	3.73	14.60	4.51	15.70	4.87	16.90	5.29	18.00	5.67	18.80	5.97

1. ARUM080LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	9.40	3.26	11.90	3.96	14.60	4.80	15.70	5.18	16.90	5.63	18.00	6.03	18.80	6.35
	46	9.40	3.58	11.90	4.35	14.60	5.28	15.70	5.69	16.90	6.19	18.00	6.62	18.80	6.98
	48	9.40	3.82	11.90	4.64	14.60	5.62	15.70	6.06	16.90	6.59	17.30	6.74	17.30	6.73
	50	9.40	4.07	11.90	4.94	14.60	5.98	15.30	6.31	15.30	6.29	15.30	6.29	15.30	6.30
	52	9.40	4.34	11.90	5.27	13.50	5.93	13.50	5.93	13.50	5.92	13.50	5.93	13.50	5.92
60	10	8.10	0.65	10.20	0.87	12.50	1.12	13.40	1.24	14.50	1.38	15.40	1.53	16.20	1.65
	12	8.10	0.89	10.20	1.40	12.50	1.58	13.40	1.64	14.50	1.70	15.40	1.76	16.20	1.81
	14	8.10	1.32	10.20	1.50	12.50	1.66	13.40	1.72	14.50	1.80	15.40	1.87	16.20	1.93
	16	8.10	1.37	10.20	1.56	12.50	1.74	13.40	1.82	14.50	1.91	15.40	2.00	16.20	2.07
	18	8.10	1.42	10.20	1.63	12.50	1.84	13.40	1.93	14.50	2.04	15.40	2.14	16.20	2.22
	20	8.10	1.49	10.20	1.72	12.50	1.96	13.40	2.06	14.50	2.19	15.40	2.30	16.20	2.40
	21	8.10	1.52	10.20	1.77	12.50	2.02	13.40	2.13	14.50	2.27	15.40	2.39	16.20	2.49
	23	8.10	1.60	10.20	1.87	12.50	2.16	13.40	2.29	14.50	2.44	15.40	2.58	16.20	2.70
	25	8.10	1.69	10.20	1.99	12.50	2.31	13.40	2.46	14.50	2.64	15.40	2.80	16.20	2.93
	27	8.10	1.79	10.20	2.13	12.50	2.49	13.40	2.66	14.50	2.86	15.40	3.04	16.20	3.19
	29	8.10	1.91	10.20	2.28	12.50	2.69	13.40	2.88	14.50	3.10	15.40	3.31	16.20	3.48
	31	8.10	2.04	10.20	2.46	12.50	2.90	13.40	3.09	14.50	3.33	15.40	3.54	16.20	3.70
	33	8.10	2.17	10.20	2.60	12.50	3.06	13.40	3.28	14.50	3.53	15.40	3.75	16.20	3.93
	35	8.10	2.28	10.20	2.74	12.50	3.25	13.40	3.48	14.50	3.75	15.40	3.99	16.20	4.18
	37	8.10	2.40	10.20	2.90	12.50	3.44	13.40	3.69	14.50	3.98	15.40	4.24	16.20	4.44
	39	8.10	2.54	10.20	3.07	12.50	3.66	13.40	3.92	14.50	4.23	15.40	4.51	16.20	4.73
	41	8.10	2.69	10.20	3.27	12.50	3.89	13.40	4.17	14.50	4.50	15.40	4.79	16.20	5.03
	43	8.10	2.86	10.20	3.47	12.50	4.14	13.40	4.44	14.50	4.79	15.40	5.10	16.20	5.35
	46	8.10	3.15	10.20	3.81	12.50	4.55	13.40	4.88	14.50	5.26	15.40	5.60	16.20	5.88
	48	8.10	3.36	10.20	4.06	12.50	4.84	13.40	5.19	14.50	5.60	15.40	5.97	16.20	6.26
	50	8.10	3.60	10.20	4.33	12.50	5.16	13.40	5.53	14.50	5.97	15.30	6.31	15.30	6.30
	52	8.10	3.86	10.20	4.62	12.50	5.50	13.40	5.89	13.50	5.92	13.50	5.92	13.50	5.92
50	10	6.70	0.52	8.50	0.69	10.40	0.90	11.20	0.99	12.10	1.08	12.90	1.17	13.50	1.24
	12	6.70	0.65	8.50	0.98	10.40	1.45	11.20	1.52	12.10	1.56	12.90	1.60	13.50	1.64
	14	6.70	1.21	8.50	1.35	10.40	1.51	11.20	1.58	12.10	1.63	12.90	1.68	13.50	1.72
	16	6.70	1.25	8.50	1.40	10.40	1.58	11.20	1.65	12.10	1.72	12.90	1.77	13.50	1.82
	18	6.70	1.29	8.50	1.46	10.40	1.65	11.20	1.73	12.10	1.81	12.90	1.88	13.50	1.93
	20	6.70	1.34	8.50	1.53	10.40	1.74	11.20	1.83	12.10	1.92	12.90	2.00	13.50	2.06
	21	6.70	1.37	8.50	1.57	10.40	1.79	11.20	1.88	12.10	1.98	12.90	2.06	13.50	2.13
	23	6.70	1.44	8.50	1.65	10.40	1.90	11.20	2.00	12.10	2.11	12.90	2.21	13.50	2.29
	25	6.70	1.51	8.50	1.75	10.40	2.02	11.20	2.13	12.10	2.26	12.90	2.37	13.50	2.46
	27	6.70	1.59	8.50	1.86	10.40	2.16	11.20	2.28	12.10	2.43	12.90	2.56	13.50	2.66
	29	6.70	1.69	8.50	1.98	10.40	2.32	11.20	2.45	12.10	2.62	12.90	2.76	13.50	2.88
	31	6.70	1.79	8.50	2.12	10.40	2.49	11.20	2.65	12.10	2.82	12.90	2.98	13.50	3.10
	33	6.70	1.90	8.50	2.25	10.40	2.64	11.20	2.80	12.10	2.98	12.90	3.15	13.50	3.28
	35	6.70	2.00	8.50	2.37	10.40	2.78	11.20	2.96	12.10	3.16	12.90	3.34	13.50	3.48
	37	6.70	2.10	8.50	2.50	10.40	2.95	11.20	3.13	12.10	3.35	12.90	3.54	13.50	3.70
	39	6.70	2.21	8.50	2.65	10.40	3.12	11.20	3.32	12.10	3.56	12.90	3.76	13.50	3.93
	41	6.70	2.33	8.50	2.81	10.40	3.32	11.20	3.53	12.10	3.78	12.90	4.00	13.50	4.18
	43	6.70	2.47	8.50	2.99	10.40	3.53	11.20	3.76	12.10	4.02	12.90	4.26	13.50	4.45
	46	6.70	2.70	8.50	3.29	10.40	3.88	11.20	4.13	12.10	4.42	12.90	4.68	13.50	4.89
	48	6.70	2.87	8.50	3.52	10.40	4.13	11.20	4.40	12.10	4.71	12.90	4.98	13.50	5.20
	50	6.70	3.07	8.50	3.76	10.40	4.40	11.20	4.69	12.10	5.02	12.90	5.31	13.50	5.54
	52	6.70	3.28	8.50	4.01	10.40	4.69	11.20	5.00	12.10	5.35	12.90	5.66	13.50	5.90

1. ARUM080LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

1. ARUM080LTE6

1.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	4.80	0.32	7.60	0.51	10.80	0.72	11.60	0.77	12.40	0.82	13.20	0.88	14.00	0.94
	12	4.80	0.32	7.60	0.51	10.80	0.72	11.60	0.78	12.40	0.83	13.20	0.88	14.00	0.95
	14	4.80	0.32	7.60	0.51	10.80	0.73	11.60	0.78	12.40	0.83	13.20	0.89	14.00	0.96
	16	4.80	0.32	7.60	0.51	10.80	0.74	11.60	0.79	12.40	0.84	13.20	0.90	14.00	0.98
	18	4.80	0.32	7.60	0.52	10.80	0.75	11.60	0.81	12.40	0.87	13.20	0.93	14.00	1.02
	20	4.80	0.33	7.60	0.53	10.80	0.79	11.60	0.86	12.40	0.93	13.20	1.00	14.00	1.13
	21	5.40	0.38	8.20	0.61	11.40	0.95	12.20	1.04	12.90	1.14	13.70	1.25	14.50	1.51
	23	6.70	1.16	9.50	1.36	12.60	1.63	13.30	1.69	14.00	1.76	14.70	1.82	15.40	1.93
	25	8.00	1.36	10.70	1.61	13.80	1.94	14.50	2.02	15.20	2.10	15.70	2.17	16.30	2.30
	27	9.30	1.64	12.00	1.94	15.10	2.35	15.70	2.44	16.40	2.55	16.80	2.61	18.30	2.92
	29	10.60	2.01	13.30	2.36	16.40	2.88	17.00	2.99	17.60	3.11	18.70	3.31	21.60	4.00
	31	12.00	2.49	14.60	2.88	17.70	3.47	18.20	3.58	19.80	3.92	22.10	4.45	25.00	5.33
	33	13.50	3.01	16.00	3.47	19.00	4.16	20.90	4.65	23.30	5.29	25.50	5.93	28.30	7.04
	35	15.00	3.67	17.40	4.20	22.30	5.58	24.40	6.25	26.80	7.07	28.90	7.85	31.60	9.24
	37	15.00	3.90	17.40	4.47	22.30	5.94	24.40	6.66	26.80	7.53	28.90	8.36	31.60	9.86
	39	15.00	4.15	17.40	4.75	22.30	6.32	24.40	7.09	26.80	8.02	28.90	8.91	29.00	9.23
	41	15.00	4.42	17.40	5.06	22.30	6.73	24.40	7.55	26.60	8.46	26.50	8.45	26.20	8.55
	43	15.00	4.70	17.40	5.39	22.30	7.17	23.90	7.83	23.90	7.82	23.90	7.82	23.60	7.91
	46	15.00	5.17	17.40	5.92	20.30	7.02	20.30	7.02	20.20	7.01	20.30	7.02	19.90	7.07
	48	15.00	5.51	17.40	6.31	18.00	6.54	18.00	6.55	18.00	6.53	18.00	6.54	17.70	6.59
	50	15.00	5.87	16.00	6.12	15.90	6.12	16.00	6.13	15.90	6.12	16.00	6.13	15.70	6.17
	52	13.90	5.82	14.10	5.78	14.10	5.78	14.10	5.77	14.10	5.77	14.10	5.77	13.90	5.80
120	10	4.40	0.29	7.10	0.47	10.00	0.67	10.70	0.71	11.40	0.76	12.10	0.81	12.90	0.87
	12	4.40	0.30	7.10	0.47	10.00	0.67	10.70	0.72	11.40	0.76	12.10	0.81	12.90	0.87
	14	4.40	0.30	7.10	0.47	10.00	0.67	10.70	0.72	11.40	0.77	12.10	0.82	12.90	0.88
	16	4.40	0.30	7.10	0.47	10.00	0.68	10.70	0.73	11.40	0.78	12.10	0.83	12.90	0.90
	18	4.40	0.30	7.10	0.48	10.00	0.69	10.70	0.74	11.40	0.79	12.10	0.85	12.90	0.93
	20	4.40	0.30	7.10	0.49	10.00	0.72	10.70	0.78	11.40	0.84	12.10	0.91	12.90	1.01
	21	5.00	0.35	7.60	0.56	10.50	0.85	11.20	0.92	11.90	1.01	12.60	1.10	13.30	1.31
	23	6.10	1.12	8.70	1.30	11.60	1.54	12.30	1.60	13.00	1.66	13.60	1.71	14.20	1.81
	25	7.30	1.31	9.90	1.53	12.80	1.82	13.40	1.89	14.00	1.96	14.50	2.02	15.10	2.13
	27	8.60	1.56	11.10	1.82	13.90	2.19	14.50	2.27	15.10	2.36	15.50	2.42	16.90	2.68
	29	9.80	1.89	12.30	2.21	15.10	2.66	15.60	2.76	16.20	2.86	17.20	3.04	20.00	3.65
	31	11.10	2.33	13.50	2.68	16.30	3.19	16.80	3.30	18.30	3.59	20.40	4.05	23.00	4.81
	33	12.40	2.81	14.80	3.21	17.60	3.81	19.30	4.24	21.50	4.80	23.50	5.35	26.10	6.31
	35	13.80	3.39	16.10	3.86	20.60	5.06	22.50	5.65	24.70	6.35	26.60	7.02	29.20	8.21
	37	13.80	3.60	16.10	4.10	20.60	5.39	22.50	6.02	24.70	6.76	26.60	7.48	29.20	8.75
	39	13.80	3.83	16.10	4.37	20.60	5.74	22.50	6.41	24.70	7.20	26.60	7.97	29.00	9.25
	41	13.80	4.08	16.10	4.65	20.60	6.11	22.50	6.82	24.70	7.67	26.60	8.45	26.20	8.54
	43	13.80	4.35	16.10	4.95	20.60	6.51	22.50	7.26	23.90	7.82	23.90	7.83	23.60	7.91
	46	13.80	4.78	16.10	5.44	20.30	7.02	20.20	7.01	20.20	7.01	20.30	7.02	20.00	7.08
	48	13.80	5.09	16.10	5.80	18.00	6.55	18.00	6.55	18.00	6.54	18.00	6.54	17.70	6.59
	50	13.80	5.43	16.00	6.13	16.00	6.13	16.00	6.12	15.90	6.12	16.00	6.13	15.70	6.18
	52	13.80	5.78	14.10	5.77	14.10	5.77	14.10	5.77	14.10	5.77	14.10	5.76	13.90	5.81
110	10	4.00	0.27	6.50	0.43	9.20	0.61	9.80	0.65	10.50	0.70	11.10	0.74	11.80	0.80
	12	4.00	0.27	6.50	0.43	9.20	0.61	9.80	0.65	10.50	0.70	11.10	0.74	11.80	0.80
	14	4.00	0.27	6.50	0.43	9.20	0.61	9.80	0.66	10.50	0.70	11.10	0.75	11.80	0.81
	16	4.00	0.27	6.50	0.43	9.20	0.62	9.80	0.66	10.50	0.71	11.10	0.76	11.80	0.82
	18	4.00	0.27	6.50	0.44	9.20	0.63	9.80	0.67	10.50	0.72	11.10	0.77	11.80	0.84

1. ARUM080LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	4.00	0.28	6.50	0.45	9.20	0.65	9.80	0.70	10.50	0.76	11.10	0.82	11.80	0.90
	21	4.60	0.32	7.00	0.50	9.70	0.75	10.30	0.82	10.90	0.89	11.60	0.97	12.20	1.13
	23	5.60	1.08	8.00	1.24	10.70	1.46	11.30	1.51	11.90	1.56	12.40	1.61	13.00	1.70
	25	6.70	1.25	9.10	1.45	11.70	1.71	12.30	1.77	12.90	1.83	13.30	1.88	13.80	1.98
	27	7.90	1.48	10.10	1.71	12.80	2.03	13.30	2.10	13.90	2.18	14.20	2.23	15.50	2.46
	29	9.00	1.78	11.20	2.06	13.80	2.45	14.30	2.53	14.90	2.62	15.80	2.78	18.30	3.32
	31	10.20	2.17	12.40	2.49	14.90	2.94	15.40	3.03	16.80	3.28	18.70	3.68	21.10	4.33
	33	11.40	2.61	13.60	2.96	16.10	3.48	17.70	3.85	19.70	4.33	21.60	4.81	23.90	5.63
	35	12.70	3.13	14.80	3.54	18.90	4.58	20.70	5.08	22.60	5.69	24.40	6.26	26.80	7.27
	37	12.70	3.33	14.80	3.76	18.90	4.87	20.70	5.41	22.60	6.05	24.40	6.66	26.80	7.74
	39	12.70	3.54	14.80	4.00	18.90	5.19	20.70	5.76	22.60	6.45	24.40	7.09	26.80	8.25
	41	12.70	3.76	14.80	4.26	18.90	5.53	20.70	6.14	22.60	6.86	24.40	7.56	26.20	8.55
	43	12.70	4.01	14.80	4.53	18.90	5.88	20.70	6.54	22.60	7.31	23.90	7.84	23.60	7.92
	46	12.70	4.40	14.80	4.99	18.90	6.47	20.20	7.01	20.30	7.02	20.20	7.01	20.00	7.08
	48	12.70	4.69	14.80	5.31	18.00	6.54	18.00	6.53	18.00	6.54	18.00	6.54	17.70	6.60
	50	12.70	5.00	14.80	5.66	16.00	6.13	16.00	6.15	16.00	6.12	16.00	6.13	15.70	6.17
	52	12.70	5.33	14.10	5.78	14.10	5.77	14.10	5.76	14.10	5.76	14.10	5.78	13.90	5.82
100	10	3.70	0.25	5.90	0.39	8.30	0.55	8.90	0.59	9.50	0.63	10.10	0.67	10.80	0.72
	12	3.70	0.25	5.90	0.39	8.30	0.56	8.90	0.59	9.50	0.63	10.10	0.68	10.80	0.73
	14	3.70	0.25	5.90	0.39	8.30	0.56	8.90	0.60	9.50	0.64	10.10	0.68	10.80	0.73
	16	3.70	0.25	5.90	0.39	8.30	0.56	8.90	0.60	9.50	0.64	10.10	0.69	10.80	0.74
	18	3.70	0.25	5.90	0.40	8.30	0.57	8.90	0.61	9.50	0.65	10.10	0.70	10.80	0.76
	20	3.70	0.25	5.90	0.40	8.30	0.59	8.90	0.63	9.50	0.68	10.10	0.73	10.80	0.80
	21	4.10	0.29	6.30	0.45	8.80	0.66	9.40	0.72	9.90	0.78	10.50	0.84	11.10	0.97
	23	5.10	0.89	7.30	1.19	9.70	1.38	10.20	1.42	10.80	1.47	11.30	1.51	11.80	1.59
	25	6.10	1.20	8.20	1.37	10.60	1.60	11.20	1.65	11.70	1.71	12.10	1.75	12.60	1.84
	27	7.10	1.40	9.20	1.61	11.60	1.89	12.10	1.95	12.60	2.01	12.90	2.06	14.10	2.25
	29	8.20	1.66	10.20	1.91	12.60	2.26	13.00	2.32	13.50	2.40	14.40	2.53	16.60	3.00
	31	9.30	2.01	11.30	2.31	13.60	2.70	14.00	2.77	15.20	2.99	17.00	3.33	19.20	3.88
	33	10.40	2.42	12.30	2.73	14.60	3.18	16.10	3.49	17.90	3.90	19.60	4.30	21.80	5.00
	35	11.50	2.89	13.40	3.23	17.20	4.12	18.80	4.55	20.60	5.06	22.20	5.55	24.30	6.40
	37	11.50	3.06	13.40	3.43	17.20	4.39	18.80	4.85	20.60	5.39	22.20	5.91	24.30	6.81
	39	11.50	3.25	13.40	3.65	17.20	4.67	18.80	5.16	20.60	5.74	22.20	6.29	24.30	7.26
	41	11.50	3.46	13.40	3.89	17.20	4.97	18.80	5.50	20.60	6.11	22.20	6.70	24.30	7.73
	43	11.50	3.68	13.40	4.14	17.20	5.30	18.80	5.85	20.60	6.51	22.20	7.13	23.60	7.90
	46	11.50	4.05	13.40	4.55	17.20	5.82	18.80	6.43	20.20	7.01	20.20	7.01	19.90	7.07
	48	11.50	4.31	13.40	4.85	17.20	6.20	18.00	6.53	18.00	6.54	18.00	6.54	17.80	6.60
	50	11.50	4.60	13.40	5.17	16.00	6.13	16.00	6.13	16.00	6.12	16.00	6.13	15.70	6.17
	52	11.50	4.91	13.40	5.51	14.10	5.77	14.10	5.77	14.10	5.78	14.10	5.77	13.90	5.81
90	10	3.30	0.22	5.30	0.35	7.50	0.50	8.00	0.53	8.60	0.57	9.10	0.61	9.70	0.65
	12	3.30	0.22	5.30	0.35	7.50	0.50	8.00	0.53	8.60	0.57	9.10	0.61	9.70	0.65
	14	3.30	0.22	5.30	0.35	7.50	0.50	8.00	0.54	8.60	0.57	9.10	0.61	9.70	0.66
	16	3.30	0.22	5.30	0.35	7.50	0.50	8.00	0.54	8.60	0.58	9.10	0.61	9.70	0.66
	18	3.30	0.22	5.30	0.36	7.50	0.51	8.00	0.55	8.60	0.58	9.10	0.62	9.70	0.67
	20	3.30	0.23	5.30	0.36	7.50	0.52	8.00	0.56	8.60	0.60	9.10	0.65	9.70	0.71
	21	3.70	0.26	5.70	0.40	7.90	0.58	8.40	0.63	8.90	0.68	9.50	0.73	10.00	0.83
	23	4.60	0.69	6.60	1.05	8.70	1.30	9.20	1.34	9.70	1.38	10.20	1.42	10.70	1.48
	25	5.50	1.14	7.40	1.30	9.60	1.50	10.00	1.54	10.50	1.59	10.90	1.63	11.30	1.70
	27	6.40	1.32	8.30	1.50	10.40	1.75	10.90	1.80	11.30	1.86	11.60	1.89	12.70	2.06
	29	7.40	1.56	9.20	1.77	11.30	2.07	11.70	2.13	12.20	2.19	12.90	2.31	15.00	2.70
	31	8.30	1.86	10.10	2.12	12.20	2.47	12.60	2.53	13.70	2.72	15.30	3.00	17.30	3.47

1. ARUM080LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	9.30	2.23	11.10	2.50	13.20	2.88	14.50	3.15	16.10	3.49	17.60	3.83	19.60	4.41
	35	10.40	2.65	12.10	2.94	15.40	3.70	16.90	4.06	18.50	4.49	20.00	4.89	21.90	5.60
	37	10.40	2.81	12.10	3.12	15.40	3.93	16.90	4.32	18.50	4.78	20.00	5.21	21.90	5.96
	39	10.40	2.98	12.10	3.32	15.40	4.19	16.90	4.60	18.50	5.08	20.00	5.54	21.90	6.35
	41	10.40	3.17	12.10	3.53	15.40	4.46	16.90	4.90	18.50	5.41	20.00	5.90	21.90	6.76
	43	10.40	3.37	12.10	3.76	15.40	4.75	16.90	5.21	18.50	5.77	20.00	6.28	21.90	7.20
	46	10.40	3.71	12.10	4.14	15.40	5.22	16.90	5.73	18.50	6.34	20.00	6.91	20.00	7.08
	48	10.40	3.95	12.10	4.41	15.40	5.56	16.90	6.10	18.00	6.55	18.00	6.53	17.80	6.60
	50	10.40	4.21	12.10	4.70	15.40	5.92	16.00	6.14	16.00	6.13	15.90	6.12	15.70	6.17
	52	10.40	4.50	12.10	5.01	14.10	5.77	14.10	5.77	14.10	5.78	14.10	5.77	13.90	5.81
80	10	2.90	0.20	4.70	0.31	6.70	0.44	7.10	0.47	7.60	0.51	8.10	0.54	8.60	0.58
	12	2.90	0.20	4.70	0.31	6.70	0.44	7.10	0.48	7.60	0.51	8.10	0.54	8.60	0.58
	14	2.90	0.20	4.70	0.31	6.70	0.45	7.10	0.48	7.60	0.51	8.10	0.54	8.60	0.58
	16	2.90	0.20	4.70	0.31	6.70	0.45	7.10	0.48	7.60	0.51	8.10	0.55	8.60	0.59
	18	2.90	0.20	4.70	0.32	6.70	0.45	7.10	0.48	7.60	0.52	8.10	0.55	8.60	0.59
	20	2.90	0.20	4.70	0.32	6.70	0.46	7.10	0.49	7.60	0.53	8.10	0.57	8.60	0.62
	21	3.30	0.23	5.10	0.35	7.00	0.51	7.50	0.55	7.90	0.59	8.40	0.63	8.90	0.70
	23	4.10	0.53	5.80	0.80	7.80	1.23	8.20	1.26	8.60	1.29	9.00	1.32	9.50	1.38
	25	4.90	1.09	6.60	1.22	8.50	1.40	8.90	1.43	9.30	1.47	9.70	1.51	10.10	1.57
	27	5.70	1.25	7.40	1.40	9.30	1.61	9.70	1.66	10.10	1.70	10.30	1.74	11.20	1.88
	29	6.50	1.45	8.20	1.64	10.10	1.89	10.40	1.94	10.80	2.00	11.50	2.09	13.30	2.42
	31	7.40	1.72	9.00	1.93	10.90	2.24	11.20	2.30	12.20	2.46	13.60	2.69	15.40	3.08
	33	8.30	2.04	9.90	2.28	11.70	2.61	12.90	2.83	14.30	3.12	15.70	3.40	17.40	3.87
	35	9.20	2.41	10.70	2.67	13.70	3.30	15.00	3.60	16.50	3.95	17.80	4.28	19.50	4.86
	37	9.20	2.55	10.70	2.83	13.70	3.51	15.00	3.83	16.50	4.20	17.80	4.56	19.50	5.18
	39	9.20	2.70	10.70	3.01	13.70	3.73	15.00	4.07	16.50	4.48	17.80	4.85	19.50	5.51
	41	9.20	2.87	10.70	3.20	13.70	3.97	15.00	4.34	16.50	4.77	17.80	5.17	19.50	5.87
	43	9.20	3.06	10.70	3.40	13.70	4.23	15.00	4.62	16.50	5.07	17.80	5.50	19.50	6.25
	46	9.20	3.37	10.70	3.74	13.70	4.65	15.00	5.08	16.50	5.58	17.80	6.05	19.50	6.87
	48	9.20	3.60	10.70	3.99	13.70	4.96	15.00	5.41	16.50	5.94	17.80	6.44	17.80	6.60
	50	9.20	3.84	10.70	4.26	13.70	5.28	15.00	5.76	16.00	6.13	16.00	6.13	15.70	6.17
	52	9.20	4.10	10.70	4.54	13.70	5.63	14.10	5.77	14.10	5.78	14.10	5.78	13.90	5.81
70	10	2.60	0.17	4.10	0.27	5.80	0.39	6.20	0.41	6.70	0.44	7.10	0.47	7.50	0.51
	12	2.60	0.17	4.10	0.27	5.80	0.39	6.20	0.42	6.70	0.44	7.10	0.47	7.50	0.51
	14	2.60	0.17	4.10	0.27	5.80	0.39	6.20	0.42	6.70	0.44	7.10	0.47	7.50	0.51
	16	2.60	0.17	4.10	0.28	5.80	0.39	6.20	0.42	6.70	0.45	7.10	0.48	7.50	0.51
	18	2.60	0.17	4.10	0.28	5.80	0.39	6.20	0.42	6.70	0.45	7.10	0.48	7.50	0.52
	20	2.60	0.18	4.10	0.28	5.80	0.40	6.20	0.43	6.70	0.46	7.10	0.49	7.50	0.53
	21	2.90	0.20	4.40	0.31	6.10	0.44	6.50	0.47	7.00	0.50	7.40	0.54	7.80	0.59
	23	3.60	0.41	5.10	0.60	6.80	1.15	7.20	1.18	7.60	1.21	7.90	1.24	8.30	1.28
	25	4.50	1.07	5.80	1.15	7.40	1.30	7.80	1.33	8.20	1.37	8.50	1.39	8.80	1.45
	27	5.00	1.17	6.50	1.31	8.10	1.48	8.50	1.52	8.80	1.56	9.10	1.59	9.80	1.71
	29	5.70	1.35	7.20	1.50	8.80	1.72	9.10	1.76	9.50	1.81	10.00	1.89	11.60	2.16
	31	6.50	1.58	7.90	1.76	9.50	2.01	9.80	2.06	10.70	2.20	11.90	2.41	13.40	2.73
	33	7.30	1.86	8.60	2.06	10.20	2.35	11.30	2.54	12.50	2.77	13.70	2.99	15.20	3.38
	35	8.10	2.18	9.40	2.40	12.00	2.93	13.10	3.17	14.40	3.46	15.50	3.72	17.00	4.19
	37	8.10	2.29	9.40	2.54	12.00	3.11	13.10	3.37	14.40	3.67	15.50	3.96	17.00	4.46
	39	8.10	2.42	9.40	2.69	12.00	3.30	13.10	3.58	14.40	3.91	15.50	4.21	17.00	4.75
	41	8.10	2.57	9.40	2.86	12.00	3.52	13.10	3.81	14.40	4.16	15.50	4.49	17.00	5.06
	43	8.10	2.73	9.40	3.04	12.00	3.74	13.10	4.06	14.40	4.43	15.50	4.78	17.00	5.38
	46	8.10	3.00	9.40	3.36	12.00	4.12	13.10	4.47	14.40	4.87	15.50	5.25	17.00	5.92

1. ARUM080LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	8.10	3.20	9.40	3.59	12.00	4.39	13.10	4.76	14.40	5.19	15.50	5.60	17.00	6.30
	50	8.10	3.43	9.40	3.83	12.00	4.68	13.10	5.07	14.40	5.53	15.50	5.96	15.80	6.19
	52	8.10	3.67	9.40	4.09	12.00	4.99	13.10	5.41	14.10	5.77	14.10	5.77	13.90	5.81
60	10	2.20	0.17	3.50	0.23	5.00	0.33	5.30	0.36	5.70	0.38	6.10	0.40	6.50	0.43
	12	2.20	0.17	3.50	0.23	5.00	0.33	5.30	0.36	5.70	0.38	6.10	0.40	6.50	0.43
	14	2.20	0.17	3.50	0.24	5.00	0.33	5.30	0.36	5.70	0.38	6.10	0.41	6.50	0.44
	16	2.20	0.17	3.50	0.24	5.00	0.33	5.30	0.36	5.70	0.38	6.10	0.41	6.50	0.44
	18	2.20	0.17	3.50	0.24	5.00	0.34	5.30	0.36	5.70	0.38	6.10	0.41	6.50	0.44
	20	2.20	0.17	3.50	0.24	5.00	0.34	5.30	0.37	5.70	0.39	6.10	0.42	6.50	0.45
	21	2.50	0.17	3.80	0.26	5.30	0.37	5.60	0.39	6.00	0.42	6.30	0.45	6.70	0.49
	23	3.10	0.31	4.40	0.45	5.80	0.80	6.10	0.90	6.50	1.02	6.80	1.14	7.10	1.19
	25	4.40	1.08	4.90	1.08	6.40	1.20	6.70	1.23	7.00	1.26	7.30	1.28	7.50	1.33
	27	4.40	1.11	5.50	1.21	7.00	1.36	7.30	1.39	7.60	1.42	7.80	1.44	8.40	1.54
	29	4.90	1.25	6.10	1.38	7.50	1.55	7.80	1.59	8.10	1.63	8.60	1.69	10.00	1.91
	31	5.60	1.44	6.80	1.59	8.20	1.80	8.40	1.84	9.10	1.95	10.20	2.12	11.50	2.40
	33	6.20	1.68	7.40	1.85	8.80	2.09	9.70	2.24	10.80	2.44	11.80	2.62	13.10	2.93
	35	6.90	1.95	8.00	2.13	10.30	2.58	11.30	2.78	12.40	3.00	13.30	3.21	14.60	3.58
	37	6.90	2.05	8.00	2.25	10.30	2.74	11.30	2.95	12.40	3.19	13.30	3.41	14.60	3.80
	39	6.90	2.16	8.00	2.37	10.30	2.91	11.30	3.13	12.40	3.39	13.30	3.63	14.60	4.05
	41	6.90	2.28	8.00	2.52	10.30	3.09	11.30	3.33	12.40	3.60	13.30	3.86	14.60	4.31
	43	6.90	2.41	8.00	2.67	10.30	3.29	11.30	3.54	12.40	3.84	13.30	4.11	14.60	4.59
	46	6.90	2.64	8.00	2.93	10.30	3.62	11.30	3.90	12.40	4.22	13.30	4.52	14.60	5.05
	48	6.90	2.81	8.00	3.13	10.30	3.86	11.30	4.16	12.40	4.50	13.30	4.82	14.60	5.38
	50	6.90	2.99	8.00	3.35	10.30	4.12	11.30	4.43	12.40	4.80	13.30	5.14	14.60	5.73
	52	6.90	3.20	8.00	3.59	10.30	4.39	11.30	4.73	12.40	5.11	13.30	5.47	13.90	5.81
50	10	1.80	0.17	2.90	0.20	4.20	0.28	4.50	0.30	4.80	0.32	5.10	0.34	5.40	0.36
	12	1.80	0.17	2.90	0.20	4.20	0.28	4.50	0.30	4.80	0.32	5.10	0.34	5.40	0.36
	14	1.80	0.17	2.90	0.20	4.20	0.28	4.50	0.30	4.80	0.32	5.10	0.34	5.40	0.36
	16	1.80	0.17	2.90	0.20	4.20	0.28	4.50	0.30	4.80	0.32	5.10	0.34	5.40	0.36
	18	1.80	0.17	2.90	0.20	4.20	0.28	4.50	0.30	4.80	0.32	5.10	0.34	5.40	0.37
	20	1.80	0.17	2.90	0.20	4.20	0.28	4.50	0.30	4.80	0.32	5.10	0.35	5.40	0.37
	21	2.10	0.17	3.20	0.22	4.40	0.30	4.70	0.32	5.00	0.35	5.30	0.37	5.60	0.40
	23	2.60	0.23	3.60	0.33	4.80	0.55	5.10	0.61	5.40	0.68	5.60	0.75	5.90	1.10
	25	4.20	1.09	4.60	1.07	5.30	1.11	5.60	1.14	5.80	1.16	6.10	1.18	6.30	1.21
	27	4.20	1.12	4.60	1.12	5.80	1.24	6.00	1.26	6.30	1.29	6.50	1.31	7.00	1.39
	29	4.20	1.16	5.10	1.26	6.30	1.40	6.50	1.43	6.80	1.46	7.20	1.51	8.30	1.68
	31	4.60	1.31	5.60	1.43	6.80	1.60	7.00	1.63	7.60	1.72	8.50	1.85	9.60	2.07
	33	5.20	1.51	6.20	1.64	7.30	1.83	8.00	1.96	9.00	2.12	9.80	2.27	10.90	2.52
	35	5.80	1.73	6.70	1.87	8.60	2.24	9.40	2.40	10.30	2.58	11.10	2.75	12.20	3.03
	37	5.80	1.81	6.70	1.97	8.60	2.36	9.40	2.54	10.30	2.74	11.10	2.91	12.20	3.21
	39	5.80	1.90	6.70	2.07	8.60	2.50	9.40	2.69	10.30	2.91	11.10	3.09	12.20	3.41
	41	5.80	1.99	6.70	2.19	8.60	2.65	9.40	2.86	10.30	3.09	11.10	3.29	12.20	3.63
	43	5.80	2.10	6.70	2.31	8.60	2.82	9.40	3.04	10.30	3.29	11.10	3.50	12.20	3.87
	46	5.80	2.29	6.70	2.53	8.60	3.10	9.40	3.36	10.30	3.62	11.10	3.85	12.20	4.25
	48	5.80	2.43	6.70	2.69	8.60	3.31	9.40	3.59	10.30	3.86	11.10	4.10	12.20	4.53
	50	5.80	2.58	6.70	2.86	8.60	3.55	9.40	3.83	10.30	4.12	11.10	4.38	12.20	4.83
	52	5.80	2.75	6.70	3.06	8.60	3.80	9.40	4.09	10.30	4.39	11.10	4.67	12.20	5.15

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

1. ARUM080LTE6

1.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	14.90	5.93	14.80	5.97	14.70	6.02	14.60	6.04	14.50	6.07	14.40	6.11
	-24.8	-25	17.40	6.21	17.30	6.27	17.10	6.32	17.10	6.35	17.00	6.37	16.90	6.42
	-21.8	-22	19.00	6.38	18.80	6.44	18.70	6.49	18.60	6.52	18.50	6.55	18.40	6.60
	-19.8	-20	20.10	6.49	19.90	6.55	19.80	6.61	19.70	6.64	19.60	6.67	19.50	6.72
	-18.8	-19	20.70	6.55	20.50	6.61	20.40	6.67	20.30	6.70	20.20	6.73	20.00	6.78
	-16.7	-17	21.90	6.66	21.70	6.73	21.50	6.79	21.40	6.82	21.30	6.85	21.20	6.90
	-15	-15.9	22.60	6.73	22.40	6.80	22.30	6.86	22.20	6.89	22.10	6.92	21.90	6.98
	-13.7	-15	23.40	6.80	23.20	6.87	23.00	6.93	22.90	6.96	22.80	6.99	22.70	7.06
	-11.8	-13	24.50	6.90	24.30	6.97	24.10	7.04	24.00	7.07	23.90	7.10	23.80	7.16
	-9.8	-11	25.70	7.01	25.50	7.08	25.30	7.15	25.20	7.18	25.10	7.21	24.90	7.28
	-9.5	-10	26.40	7.06	26.20	7.13	26.00	7.20	25.90	7.24	25.80	7.27	25.60	7.33
	-8.5	-9.1	27.00	7.12	26.80	7.19	26.60	7.26	26.50	7.29	26.40	7.32	26.20	7.39
	-7	-7.6	28.10	7.21	27.90	7.28	27.60	7.35	27.50	7.38	27.40	7.42	27.20	7.48
	-5	-5.6	29.60	7.33	29.30	7.40	29.10	7.47	29.00	7.51	28.90	7.54	28.60	7.61
	-3	-3.7	31.00	7.44	30.80	7.52	30.50	7.59	30.40	7.63	30.30	7.66	28.70	7.13
	0	-0.7	33.40	7.62	33.10	7.70	32.80	7.73	31.70	7.39	30.70	7.07	28.70	6.44
	3	2.2	35.80	7.80	34.80	7.61	32.80	7.00	31.70	6.70	30.70	6.41	28.70	5.85
	5	4.1	36.90	7.72	34.80	7.13	32.80	6.57	31.70	6.29	30.70	6.02	28.70	5.50
	7	6	36.90	7.21	34.80	6.67	32.80	6.14	31.70	5.89	30.70	5.64	28.70	5.16
	9	7.9	36.90	6.73	34.80	6.23	32.80	5.75	31.70	5.51	30.70	5.28	28.70	4.84
	11	9.8	36.90	6.29	34.80	5.83	32.80	5.38	31.70	5.16	30.70	4.95	28.70	4.54
	13	11.8	36.90	5.85	34.80	5.43	32.80	5.02	31.70	4.82	30.70	4.62	28.70	4.24
	15	13.7	36.90	5.46	34.80	5.07	32.80	4.70	31.70	4.51	30.70	4.33	28.70	3.98
120	-30	-30.2	14.80	5.95	14.70	6.00	14.60	6.05	14.50	6.07	14.50	6.09	14.40	6.14
	-24.8	-25	17.30	6.25	17.20	6.30	17.00	6.35	17.00	6.38	16.90	6.40	16.80	6.46
	-21.8	-22	18.90	6.42	18.70	6.48	18.60	6.53	18.50	6.56	18.40	6.59	18.30	6.64
	-19.8	-20	20.00	6.54	19.80	6.60	19.70	6.65	19.60	6.68	19.50	6.71	19.40	6.76
	-18.8	-19	20.50	6.60	20.40	6.66	20.20	6.71	20.10	6.74	20.10	6.77	19.90	6.83
	-16.7	-17	21.70	6.71	21.50	6.78	21.40	6.84	21.30	6.86	21.20	6.89	21.00	6.95
	-15	-15.9	22.50	6.79	22.30	6.85	22.10	6.91	22.00	6.94	22.00	6.97	21.80	7.03
	-13.7	-15	23.20	6.86	23.00	6.92	22.90	6.99	22.80	7.02	22.70	7.05	22.50	7.11
	-11.8	-13	24.30	6.97	24.10	7.03	24.00	7.10	23.90	7.13	23.80	7.16	23.60	7.22
	-9.8	-11	25.50	7.08	25.30	7.15	25.10	7.21	25.00	7.24	25.00	7.27	24.80	7.34
	-9.5	-10	26.20	7.14	26.00	7.20	25.80	7.27	25.70	7.30	25.60	7.33	25.40	7.40
	-8.5	-9.1	26.80	7.19	26.60	7.26	26.40	7.33	26.30	7.36	26.20	7.39	26.00	7.46
	-7	-7.6	27.80	7.29	27.60	7.35	27.40	7.42	27.30	7.46	27.20	7.49	26.50	7.31
	-5	-5.6	29.30	7.41	29.10	7.48	28.80	7.55	28.70	7.59	28.30	7.50	26.50	6.83
	-3	-3.7	30.70	7.53	30.50	7.61	30.20	7.67	29.30	7.35	28.30	7.02	26.50	6.40
	0	-0.7	33.10	7.73	32.10	7.52	30.20	6.92	29.30	6.63	28.30	6.35	26.50	5.79
	3	2.2	34.00	7.37	32.10	6.82	30.20	6.28	29.30	6.02	28.30	5.77	26.50	5.27
	5	4.1	34.00	6.91	32.10	6.40	30.20	5.90	29.30	5.66	28.30	5.42	26.50	4.96
	7	6	34.00	6.46	32.10	5.99	30.20	5.53	29.30	5.30	28.30	5.08	26.50	4.66
	9	7.9	34.00	6.05	32.10	5.60	30.20	5.18	29.30	4.97	28.30	4.77	26.50	4.37
	11	9.8	34.00	5.65	32.10	5.25	30.20	4.85	29.30	4.66	28.30	4.47	26.50	4.11
	13	11.8	34.00	5.27	32.10	4.89	30.20	4.53	29.30	4.36	28.30	4.18	26.50	3.85

1. ARUM080LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	34.00	4.93	32.10	4.58	30.20	4.25	29.30	4.09	28.30	3.93	26.50	3.62
110	-30	-30.2	14.80	5.98	14.60	6.03	14.50	6.08	14.50	6.10	14.40	6.12	14.30	6.17
	-24.8	-25	17.20	6.29	17.10	6.34	16.90	6.39	16.90	6.42	16.80	6.44	16.70	6.49
	-21.8	-22	18.80	6.47	18.60	6.52	18.50	6.58	18.40	6.60	18.30	6.63	18.20	6.68
	-19.8	-20	19.80	6.59	19.70	6.65	19.50	6.70	19.50	6.73	19.40	6.76	19.20	6.81
	-18.8	-19	20.40	6.65	20.20	6.71	20.10	6.77	20.00	6.79	19.90	6.82	19.80	6.88
	-16.7	-17	21.50	6.77	21.40	6.83	21.20	6.89	21.10	6.92	21.10	6.95	20.90	7.01
	-15	-15.9	22.30	6.85	22.10	6.91	22.00	6.97	21.90	7.00	21.80	7.03	21.60	7.09
	-13.7	-15	23.00	6.93	22.90	6.99	22.70	7.05	22.60	7.08	22.50	7.11	22.40	7.17
	-11.8	-13	24.10	7.04	23.90	7.10	23.80	7.17	23.70	7.20	23.60	7.23	23.40	7.29
	-9.8	-11	25.30	7.16	25.10	7.22	24.90	7.29	24.80	7.32	24.70	7.35	24.30	7.26
	-9.5	-10	25.90	7.22	25.70	7.28	25.50	7.35	25.40	7.38	25.30	7.41	24.30	7.04
	-8.5	-9.1	26.50	7.28	26.30	7.34	26.10	7.41	26.00	7.44	25.90	7.47	24.30	6.83
	-7	-7.6	27.60	7.38	27.30	7.44	27.10	7.51	26.90	7.46	26.00	7.13	24.30	6.50
	-5	-5.6	29.00	7.51	28.70	7.58	27.70	7.27	26.90	6.97	26.00	6.66	24.30	6.08
	-3	-3.7	30.40	7.64	29.40	7.40	27.70	6.81	26.90	6.53	26.00	6.25	24.30	5.71
	0	-0.7	31.20	7.22	29.40	6.68	27.70	6.16	26.90	5.90	26.00	5.66	24.30	5.17
	3	2.2	31.20	6.55	29.40	6.06	27.70	5.60	26.90	5.37	26.00	5.15	24.30	4.72
	5	4.1	31.20	6.15	29.40	5.70	27.70	5.26	26.90	5.05	26.00	4.85	24.30	4.44
	7	6	31.20	5.76	29.40	5.34	27.70	4.94	26.90	4.74	26.00	4.55	24.30	4.18
	9	7.9	31.20	5.39	29.40	5.01	27.70	4.64	26.90	4.45	26.00	4.28	24.30	3.93
	11	9.8	31.20	5.05	29.40	4.69	27.70	4.35	26.90	4.18	26.00	4.02	24.30	3.70
	13	11.8	31.20	4.71	29.40	4.39	27.70	4.07	26.90	3.92	26.00	3.77	24.30	3.47
	15	13.7	31.20	4.41	29.40	4.11	27.70	3.82	26.90	3.68	26.00	3.54	24.30	3.27
100	-30	-30.2	14.70	6.02	14.50	6.07	14.40	6.11	14.40	6.13	14.30	6.16	14.20	6.20
	-24.8	-25	17.10	6.34	17.00	6.39	16.80	6.44	16.80	6.46	16.70	6.49	16.60	6.54
	-21.8	-22	18.60	6.53	18.50	6.58	18.30	6.63	18.30	6.66	18.20	6.68	18.00	6.73
	-19.8	-20	19.70	6.65	19.50	6.71	19.40	6.76	19.30	6.79	19.20	6.81	19.10	6.87
	-18.8	-19	20.20	6.72	20.10	6.77	19.90	6.83	19.80	6.85	19.80	6.88	19.60	6.93
	-16.7	-17	21.30	6.84	21.20	6.90	21.00	6.96	20.90	6.99	20.90	7.01	20.70	7.07
	-15	-15.9	22.10	6.93	21.90	6.99	21.80	7.05	21.70	7.07	21.60	7.10	21.50	7.16
	-13.7	-15	22.80	7.01	22.60	7.07	22.50	7.13	22.40	7.16	22.30	7.19	22.00	7.19
	-11.8	-13	23.90	7.12	23.70	7.19	23.50	7.25	23.40	7.28	23.40	7.31	22.00	6.77
	-9.8	-11	25.00	7.25	24.80	7.31	24.70	7.37	24.40	7.32	23.60	7.00	22.00	6.37
	-9.5	-10	25.60	7.31	25.40	7.38	25.20	7.42	24.40	7.10	23.60	6.80	22.00	6.20
	-8.5	-9.1	26.20	7.38	26.00	7.44	25.20	7.19	24.40	6.89	23.60	6.59	22.00	6.02
	-7	-7.6	27.20	7.48	26.80	7.43	25.20	6.84	24.40	6.55	23.60	6.27	22.00	5.73
	-5	-5.6	28.30	7.50	26.80	6.94	25.20	6.40	24.40	6.13	23.60	5.87	22.00	5.37
	-3	-3.7	28.30	7.02	26.80	6.50	25.20	6.00	24.40	5.75	23.60	5.51	22.00	5.04
	0	-0.7	28.30	6.35	26.80	5.88	25.20	5.43	24.40	5.22	23.60	5.00	22.00	4.59
	3	2.2	28.30	5.77	26.80	5.35	25.20	4.95	24.40	4.76	23.60	4.57	22.00	4.19
	5	4.1	28.30	5.42	26.80	5.03	25.20	4.66	24.40	4.48	23.60	4.30	22.00	3.95
	7	6	28.30	5.08	26.80	4.73	25.20	4.38	24.40	4.21	23.60	4.05	22.00	3.73
	9	7.9	28.30	4.77	26.80	4.44	25.20	4.12	24.40	3.96	23.60	3.81	22.00	3.51
	11	9.8	28.30	4.47	26.80	4.17	25.20	3.87	24.40	3.73	23.60	3.59	22.00	3.31
	13	11.8	28.30	4.18	26.80	3.90	25.20	3.63	24.40	3.50	23.60	3.37	22.00	3.11
	15	13.7	28.30	3.93	26.80	3.67	25.20	3.42	24.40	3.29	23.60	3.17	22.00	2.94

1. ARUM080LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	14.60	6.06	14.40	6.11	14.30	6.15	14.30	6.17	14.20	6.20	14.10	6.24
	-24.8	-25	16.90	6.39	16.80	6.44	16.70	6.49	16.60	6.52	16.60	6.54	16.40	6.59
	-21.8	-22	18.40	6.59	18.30	6.64	18.20	6.69	18.10	6.72	18.00	6.74	17.90	6.79
	-19.8	-20	19.50	6.72	19.30	6.78	19.20	6.83	19.10	6.86	19.00	6.88	18.90	6.93
	-18.8	-19	20.00	6.79	19.90	6.85	19.70	6.90	19.60	6.93	19.60	6.95	19.40	7.00
	-16.7	-17	21.10	6.93	21.00	6.98	20.80	7.04	20.70	7.07	20.60	7.09	19.80	6.78
	-15	-15.9	21.80	7.02	21.70	7.07	21.50	7.13	21.40	7.16	21.30	7.12	19.80	6.49
	-13.7	-15	22.50	7.10	22.40	7.16	22.20	7.22	22.00	7.15	21.30	6.84	19.80	6.23
	-11.8	-13	23.60	7.23	23.40	7.29	22.70	7.04	22.00	6.74	21.30	6.45	19.80	5.88
	-9.8	-11	24.70	7.36	24.10	7.19	22.70	6.62	22.00	6.34	21.30	6.06	19.80	5.53
	-9.5	-10	25.30	7.42	24.10	6.98	22.70	6.44	22.00	6.17	21.30	5.91	19.80	5.40
	-8.5	-9.1	25.50	7.32	24.10	6.77	22.70	6.25	22.00	5.99	21.30	5.74	19.80	5.25
	-7	-7.6	25.50	6.96	24.10	6.44	22.70	5.94	22.00	5.70	21.30	5.47	19.80	5.00
	-5	-5.6	25.50	6.50	24.10	6.03	22.70	5.57	22.00	5.34	21.30	5.12	19.80	4.70
	-3	-3.7	25.50	6.10	24.10	5.66	22.70	5.23	22.00	5.02	21.30	4.82	19.80	4.42
	0	-0.7	25.50	5.52	24.10	5.13	22.70	4.75	22.00	4.57	21.30	4.38	19.80	4.03
	3	2.2	25.50	5.03	24.10	4.68	22.70	4.34	22.00	4.18	21.30	4.01	19.80	3.70
	5	4.1	25.50	4.73	24.10	4.41	22.70	4.09	22.00	3.94	21.30	3.79	19.80	3.49
	7	6	25.50	4.45	24.10	4.15	22.70	3.85	22.00	3.71	21.30	3.57	19.80	3.30
	9	7.9	25.50	4.18	24.10	3.90	22.70	3.63	22.00	3.50	21.30	3.37	19.80	3.11
	11	9.8	25.50	3.93	24.10	3.67	22.70	3.42	22.00	3.30	21.30	3.18	19.80	2.94
	13	11.8	25.50	3.69	24.10	3.45	22.70	3.22	22.00	3.10	21.30	2.99	19.80	2.77
	15	13.7	25.50	3.47	24.10	3.25	22.70	3.03	22.00	2.93	21.30	2.82	19.80	2.62
80	-30	-30.2	14.40	6.12	14.30	6.16	14.20	6.20	14.10	6.23	14.10	6.25	14.00	6.29
	-24.8	-25	16.80	6.46	16.60	6.51	16.50	6.56	16.40	6.58	16.40	6.61	16.30	6.65
	-21.8	-22	18.20	6.67	18.10	6.72	17.90	6.77	17.90	6.80	17.80	6.82	17.60	6.84
	-19.8	-20	19.20	6.81	19.10	6.86	18.90	6.91	18.90	6.94	18.80	6.96	17.60	6.41
	-18.8	-19	19.80	6.88	19.60	6.94	19.50	6.99	19.40	7.01	18.90	6.79	17.60	6.20
	-16.7	-17	20.80	7.03	20.70	7.08	20.20	6.93	19.50	6.64	18.90	6.36	17.60	5.81
	-15	-15.9	21.50	7.12	21.40	7.18	20.20	6.63	19.50	6.35	18.90	6.08	17.60	5.55
	-13.7	-15	22.20	7.21	21.40	6.91	20.20	6.37	19.50	6.10	18.90	5.84	17.60	5.34
	-11.8	-13	22.70	7.04	21.40	6.51	20.20	6.00	19.50	5.76	18.90	5.51	17.60	5.04
	-9.8	-11	22.70	6.62	21.40	6.12	20.20	5.65	19.50	5.42	18.90	5.19	17.60	4.75
	-9.5	-10	22.70	6.44	21.40	5.97	20.20	5.52	19.50	5.29	18.90	5.08	17.60	4.66
	-8.5	-9.1	22.70	6.25	21.40	5.79	20.20	5.36	19.50	5.14	18.90	4.93	17.60	4.53
	-7	-7.6	22.70	5.94	21.40	5.52	20.20	5.10	19.50	4.90	18.90	4.71	17.60	4.32
	-5	-5.6	22.70	5.57	21.40	5.17	20.20	4.79	19.50	4.60	18.90	4.42	17.60	4.06
	-3	-3.7	22.70	5.23	21.40	4.86	20.20	4.51	19.50	4.33	18.90	4.16	17.60	3.83
	0	-0.7	22.70	4.75	21.40	4.42	20.20	4.11	19.50	3.95	18.90	3.80	17.60	3.51
	3	2.2	22.70	4.34	21.40	4.05	20.20	3.77	19.50	3.63	18.90	3.49	17.60	3.23
	5	4.1	22.70	4.09	21.40	3.82	20.20	3.56	19.50	3.43	18.90	3.30	17.60	3.05
	7	6	22.70	3.85	21.40	3.60	20.20	3.36	19.50	3.24	18.90	3.12	17.60	2.89
	9	7.9	22.70	3.63	21.40	3.40	20.20	3.17	19.50	3.06	18.90	2.95	17.60	2.74
	11	9.8	22.70	3.42	21.40	3.20	20.20	2.99	19.50	2.89	18.90	2.79	17.60	2.59
	13	11.8	22.70	3.22	21.40	3.02	20.20	2.82	19.50	2.73	18.90	2.63	17.60	2.45
	15	13.7	22.70	3.03	21.40	2.85	20.20	2.67	19.50	2.58	18.90	2.49	17.60	2.33
70	-30	-30.2	14.30	6.18	14.10	6.23	14.00	6.27	14.00	6.29	13.90	6.31	13.80	6.35

1. ARUM080LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	16.50	6.55	16.40	6.60	16.30	6.64	16.20	6.66	16.20	6.69	15.40	6.33
	-21.8	-22	17.90	6.77	17.80	6.82	17.60	6.84	17.10	6.56	16.50	6.28	15.40	5.74
	-19.8	-20	18.90	6.92	18.70	6.94	17.60	6.41	17.10	6.14	16.50	5.89	15.40	5.39
	-18.8	-19	19.40	7.00	18.70	6.72	17.60	6.20	17.10	5.95	16.50	5.70	15.40	5.22
	-16.7	-17	19.80	6.79	18.70	6.29	17.60	5.81	17.10	5.58	16.50	5.35	15.40	4.90
	-15	-15.9	19.80	6.49	18.70	6.01	17.60	5.56	17.10	5.33	16.50	5.11	15.40	4.68
	-13.7	-15	19.80	6.23	18.70	5.78	17.60	5.34	17.10	5.13	16.50	4.92	15.40	4.51
	-11.8	-13	19.80	5.88	18.70	5.45	17.60	5.04	17.10	4.84	16.50	4.65	15.40	4.26
	-9.8	-11	19.80	5.53	18.70	5.14	17.60	4.75	17.10	4.56	16.50	4.38	15.40	4.02
	-9.5	-10	19.80	5.40	18.70	5.02	17.60	4.66	17.10	4.48	16.50	4.30	15.40	3.96
	-8.5	-9.1	19.80	5.25	18.70	4.88	17.60	4.53	17.10	4.35	16.50	4.18	15.40	3.85
	-7	-7.6	19.80	5.00	18.70	4.66	17.60	4.32	17.10	4.16	16.50	4.00	15.40	3.68
	-5	-5.6	19.80	4.70	18.70	4.37	17.60	4.06	17.10	3.91	16.50	3.76	15.40	3.47
	-3	-3.7	19.80	4.42	18.70	4.12	17.60	3.83	17.10	3.69	16.50	3.55	15.40	3.28
	0	-0.7	19.80	4.03	18.70	3.76	17.60	3.51	17.10	3.38	16.50	3.26	15.40	3.01
	3	2.2	19.80	3.70	18.70	3.46	17.60	3.23	17.10	3.11	16.50	3.00	15.40	2.79
	5	4.1	19.80	3.49	18.70	3.27	17.60	3.05	17.10	2.95	16.50	2.84	15.40	2.64
	7	6	19.80	3.30	18.70	3.09	17.60	2.89	17.10	2.79	16.50	2.70	15.40	2.51
	9	7.9	19.80	3.11	18.70	2.92	17.60	2.74	17.10	2.65	16.50	2.56	15.40	2.38
	11	9.8	19.80	2.94	18.70	2.77	17.60	2.59	17.10	2.51	16.50	2.43	15.40	2.27
	13	11.8	19.80	2.77	18.70	2.61	17.60	2.45	17.10	2.37	16.50	2.30	15.40	2.15
	15	13.7	19.80	2.62	18.70	2.47	17.60	2.33	17.10	2.25	16.50	2.18	15.40	2.05
60	-30	-30.2	14.00	6.27	13.90	6.31	13.80	6.35	13.80	6.37	13.70	6.39	13.20	6.14
	-24.8	-25	16.20	6.66	16.10	6.67	15.10	6.16	14.60	5.92	14.20	5.67	13.20	5.20
	-21.8	-22	17.00	6.52	16.10	6.05	15.10	5.60	14.60	5.37	14.20	5.16	13.20	4.73
	-19.8	-20	17.00	6.11	16.10	5.67	15.10	5.25	14.60	5.05	14.20	4.84	13.20	4.45
	-18.8	-19	17.00	5.91	16.10	5.50	15.10	5.09	14.60	4.89	14.20	4.70	13.20	4.31
	-16.7	-17	17.00	5.55	16.10	5.16	15.10	4.78	14.60	4.60	14.20	4.41	13.20	4.06
	-15	-15.9	17.00	5.30	16.10	4.93	15.10	4.56	14.60	4.39	14.20	4.22	13.20	3.88
	-13.7	-15	17.00	5.09	16.10	4.74	15.10	4.39	14.60	4.22	14.20	4.06	13.20	3.74
	-11.8	-13	17.00	4.81	16.10	4.48	15.10	4.16	14.60	4.00	14.20	3.84	13.20	3.54
	-9.8	-11	17.00	4.54	16.10	4.23	15.10	3.92	14.60	3.78	14.20	3.63	13.20	3.35
	-9.5	-10	17.00	4.45	16.10	4.15	15.10	3.86	14.60	3.72	14.20	3.58	13.20	3.31
	-8.5	-9.1	17.00	4.33	16.10	4.04	15.10	3.76	14.60	3.62	14.20	3.48	13.20	3.22
	-7	-7.6	17.00	4.13	16.10	3.86	15.10	3.59	14.60	3.46	14.20	3.34	13.20	3.09
	-5	-5.6	17.00	3.89	16.10	3.64	15.10	3.39	14.60	3.27	14.20	3.15	13.20	2.92
	-3	-3.7	17.00	3.67	16.10	3.44	15.10	3.21	14.60	3.10	14.20	2.98	13.20	2.77
	0	-0.7	17.00	3.36	16.10	3.15	15.10	2.95	14.60	2.85	14.20	2.75	13.20	2.56
	3	2.2	17.00	3.10	16.10	2.91	15.10	2.72	14.60	2.63	14.20	2.55	13.20	2.37
	5	4.1	17.00	2.93	16.10	2.76	15.10	2.59	14.60	2.50	14.20	2.42	13.20	2.26
	7	6	17.00	2.78	16.10	2.62	15.10	2.46	14.60	2.38	14.20	2.30	13.20	2.15
	9	7.9	17.00	2.63	16.10	2.48	15.10	2.33	14.60	2.26	14.20	2.19	13.20	2.05
	11	9.8	17.00	2.50	16.10	2.36	15.10	2.22	14.60	2.15	14.20	2.09	13.20	1.96
	13	11.8	17.00	2.36	16.10	2.23	15.10	2.11	14.60	2.05	14.20	1.98	13.20	1.87
	15	13.7	17.00	2.24	16.10	2.12	15.10	2.01	14.60	1.95	14.20	1.89	13.20	1.78
50	-30	-30.2	13.70	6.39	13.40	6.23	12.60	5.76	12.20	5.54	11.80	5.31	11.00	4.88
	-24.8	-25	14.20	5.67	13.40	5.28	12.60	4.89	12.20	4.70	11.80	4.52	11.00	4.16

1. ARUM080LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	14.20	5.16	13.40	4.80	12.60	4.46	12.20	4.29	11.80	4.12	11.00	3.80
	-19.8	-20	14.20	4.84	13.40	4.51	12.60	4.19	12.20	4.04	11.80	3.88	11.00	3.58
	-18.8	-19	14.20	4.70	13.40	4.38	12.60	4.07	12.20	3.92	11.80	3.77	11.00	3.48
	-16.7	-17	14.20	4.41	13.40	4.12	12.60	3.83	12.20	3.69	11.80	3.55	11.00	3.29
	-15	-15.9	14.20	4.22	13.40	3.93	12.60	3.66	12.20	3.53	11.80	3.40	11.00	3.14
	-13.7	-15	14.20	4.06	13.40	3.79	12.60	3.53	12.20	3.40	11.80	3.28	11.00	3.03
	-11.8	-13	14.20	3.84	13.40	3.59	12.60	3.35	12.20	3.23	11.80	3.11	11.00	2.88
	-9.8	-11	14.20	3.63	13.40	3.40	12.60	3.17	12.20	3.06	11.80	2.95	11.00	2.74
	-9.5	-10	14.20	3.58	13.40	3.35	12.60	3.13	12.20	3.02	11.80	2.92	11.00	2.71
	-8.5	-9.1	14.20	3.48	13.40	3.26	12.60	3.05	12.20	2.95	11.80	2.84	11.00	2.64
	-7	-7.6	14.20	3.34	13.40	3.13	12.60	2.93	12.20	2.83	11.80	2.73	11.00	2.54
	-5	-5.6	14.20	3.15	13.40	2.96	12.60	2.77	12.20	2.68	11.80	2.59	11.00	2.41
	-3	-3.7	14.20	2.98	13.40	2.81	12.60	2.63	12.20	2.55	11.80	2.46	11.00	2.30
	0	-0.7	14.20	2.75	13.40	2.59	12.60	2.43	12.20	2.36	11.80	2.28	11.00	2.13
	3	2.2	14.20	2.55	13.40	2.40	12.60	2.26	12.20	2.19	11.80	2.12	11.00	1.99
	5	4.1	14.20	2.42	13.40	2.29	12.60	2.16	12.20	2.09	11.80	2.03	11.00	1.91
	7	6	14.20	2.30	13.40	2.18	12.60	2.06	12.20	2.00	11.80	1.94	11.00	1.82
	9	7.9	14.20	2.19	13.40	2.08	12.60	1.96	12.20	1.91	11.80	1.85	11.00	1.75
	11	9.8	14.20	2.09	13.40	1.98	12.60	1.87	12.20	1.82	11.80	1.77	11.00	1.67
	13	11.8	14.20	1.98	13.40	1.89	12.60	1.79	12.20	1.74	11.80	1.69	11.00	1.60
	15	13.7	14.20	1.89	13.40	1.80	12.60	1.71	12.20	1.67	11.80	1.62	11.00	1.54

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

1.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	14.90	5.93	14.80	5.97	14.70	6.02	14.60	6.04	14.50	6.07	14.40	6.11
	-24.8	-25	17.40	6.21	17.30	6.27	17.10	6.32	17.10	6.35	17.00	6.37	16.90	6.42
	-21.8	-22	19.00	6.38	18.80	6.44	18.70	6.49	18.60	6.52	18.50	6.55	18.40	6.60
	-19.8	-20	20.10	6.49	19.90	6.55	19.80	6.61	19.70	6.64	19.60	6.67	19.50	6.72
	-18.8	-19	20.70	6.55	20.50	6.61	20.40	6.67	20.30	6.70	20.20	6.73	20.00	6.78
	-16.7	-17	21.90	6.66	21.70	6.73	21.50	6.79	21.40	6.82	21.30	6.85	21.20	6.90
	-15	-15.9	22.60	6.73	22.40	6.80	22.30	6.86	22.20	6.89	22.10	6.92	21.90	6.98
	-13.7	-15	23.40	6.80	23.20	6.87	23.00	6.93	22.90	6.96	22.80	6.99	22.70	7.06
	-11.8	-13	24.50	6.90	24.30	6.97	24.10	7.04	24.00	7.07	23.90	7.10	23.80	7.16
	-9.8	-11	25.70	7.01	25.50	7.08	25.30	7.15	25.20	7.18	25.10	7.21	24.90	7.28
	-9.5	-10	26.40	7.06	26.20	7.13	26.00	7.20	25.90	7.24	25.80	7.27	25.60	7.33
	-8.5	-9.1	27.00	7.12	26.80	7.19	26.60	7.26	26.50	7.29	26.40	7.32	26.20	7.39
	-7	-7.6	28.10	7.21	27.90	7.28	27.60	7.35	27.50	7.38	27.40	7.42	27.20	7.48
	-5	-5.6	29.60	7.33	29.30	7.40	29.10	7.47	29.00	7.51	28.90	7.54	28.60	7.61
	-3	-3.7	31.00	7.44	30.80	7.52	30.50	7.59	30.40	7.63	30.30	7.66	28.70	7.13
	0	-0.7	33.40	7.62	33.10	7.70	32.80	7.73	31.70	7.39	30.70	7.07	28.70	6.44
	3	2.2	35.80	7.80	34.80	7.61	32.80	7.00	31.70	6.70	30.70	6.41	28.70	5.85
	5	4.1	34.90	6.98	32.80	6.42	30.70	5.88	29.70	5.62	28.70	5.37	26.60	4.87
	7	6	32.90	5.85	30.80	5.37	28.70	4.90	27.60	4.67	26.60	4.45	24.50	4.02
	9	7.9	30.80	4.88	28.70	4.46	26.50	4.05	25.50	3.86	24.40	3.66	22.30	3.29
	11	9.8	28.60	4.04	26.50	3.68	24.30	3.33	23.30	3.16	22.20	3.00	20.00	2.68
	13	11.8	26.40	3.31	24.20	3.00	22.00	2.71	21.00	2.56	19.90	2.43	17.70	2.16
	15	13.7	24.00	2.70	21.90	2.44	19.70	2.20	18.60	2.08	17.50	1.96	15.20	1.74
120	-30	-30.2	14.80	5.95	14.70	6.00	14.60	6.05	14.50	6.07	14.50	6.09	14.40	6.14
	-24.8	-25	17.30	6.25	17.20	6.30	17.00	6.35	17.00	6.38	16.90	6.40	16.80	6.46
	-21.8	-22	18.90	6.42	18.70	6.48	18.60	6.53	18.50	6.56	18.40	6.59	18.30	6.64
	-19.8	-20	20.00	6.54	19.80	6.60	19.70	6.65	19.60	6.68	19.50	6.71	19.40	6.76
	-18.8	-19	20.50	6.60	20.40	6.66	20.20	6.71	20.10	6.74	20.10	6.77	19.90	6.83
	-16.7	-17	21.70	6.71	21.50	6.78	21.40	6.84	21.30	6.86	21.20	6.89	21.00	6.95
	-15	-15.9	22.50	6.79	22.30	6.85	22.10	6.91	22.00	6.94	22.00	6.97	21.80	7.03
	-13.7	-15	23.20	6.86	23.00	6.92	22.90	6.99	22.80	7.02	22.70	7.05	22.50	7.11
	-11.8	-13	24.30	6.97	24.10	7.03	24.00	7.10	23.90	7.13	23.80	7.16	23.60	7.22
	-9.8	-11	25.50	7.08	25.30	7.15	25.10	7.21	25.00	7.24	25.00	7.27	24.80	7.34
	-9.5	-10	26.20	7.14	26.00	7.20	25.80	7.27	25.70	7.30	25.60	7.33	25.40	7.40
	-8.5	-9.1	26.80	7.19	26.60	7.26	26.40	7.33	26.30	7.36	26.20	7.39	26.00	7.46
	-7	-7.6	27.80	7.29	27.60	7.35	27.40	7.42	27.30	7.46	27.20	7.49	26.50	7.31
	-5	-5.6	29.30	7.41	29.10	7.48	28.80	7.55	28.70	7.59	28.30	7.50	26.50	6.83
	-3	-3.7	30.70	7.53	30.50	7.61	30.20	7.67	29.30	7.35	28.30	7.02	26.50	6.40
	0	-0.7	33.10	7.73	32.10	7.52	30.20	6.92	29.30	6.63	28.30	6.35	26.50	5.79
	3	2.2	34.00	7.37	32.10	6.82	30.20	6.28	29.30	6.02	28.30	5.77	26.50	5.27
	5	4.1	32.20	6.26	30.30	5.77	28.40	5.30	27.40	5.07	26.50	4.84	24.60	4.40
	7	6	30.30	5.27	28.40	4.84	26.50	4.43	25.50	4.23	24.50	4.03	22.60	3.65
	9	7.9	28.40	4.41	26.40	4.04	24.50	3.68	23.50	3.51	22.50	3.34	20.60	3.01
	11	9.8	26.40	3.67	24.40	3.35	22.50	3.04	21.50	2.89	20.50	2.74	18.50	2.46
	13	11.8	24.30	3.02	22.30	2.75	20.30	2.49	19.30	2.36	18.30	2.24	16.30	2.00

1. ARUM080LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	22.20	2.48	20.20	2.25	18.20	2.03	17.10	1.93	16.10	1.82	14.10	1.63
110	-30	-30.2	14.80	5.98	14.60	6.03	14.50	6.08	14.50	6.10	14.40	6.12	14.30	6.17
	-24.8	-25	17.20	6.29	17.10	6.34	16.90	6.39	16.90	6.42	16.80	6.44	16.70	6.49
	-21.8	-22	18.80	6.47	18.60	6.52	18.50	6.58	18.40	6.60	18.30	6.63	18.20	6.68
	-19.8	-20	19.80	6.59	19.70	6.65	19.50	6.70	19.50	6.73	19.40	6.76	19.20	6.81
	-18.8	-19	20.40	6.65	20.20	6.71	20.10	6.77	20.00	6.79	19.90	6.82	19.80	6.88
	-16.7	-17	21.50	6.77	21.40	6.83	21.20	6.89	21.10	6.92	21.10	6.95	20.90	7.01
	-15	-15.9	22.30	6.85	22.10	6.91	22.00	6.97	21.90	7.00	21.80	7.03	21.60	7.09
	-13.7	-15	23.00	6.93	22.90	6.99	22.70	7.05	22.60	7.08	22.50	7.11	22.40	7.17
	-11.8	-13	24.10	7.04	23.90	7.10	23.80	7.17	23.70	7.20	23.60	7.23	23.40	7.29
	-9.8	-11	25.30	7.16	25.10	7.22	24.90	7.29	24.80	7.32	24.70	7.35	24.30	7.26
	-9.5	-10	25.90	7.22	25.70	7.28	25.50	7.35	25.40	7.38	25.30	7.41	24.30	7.04
	-8.5	-9.1	26.50	7.28	26.30	7.34	26.10	7.41	26.00	7.44	25.90	7.47	24.30	6.83
	-7	-7.6	27.60	7.38	27.30	7.44	27.10	7.51	26.90	7.46	26.00	7.13	24.30	6.50
	-5	-5.6	29.00	7.51	28.70	7.58	27.70	7.27	26.90	6.97	26.00	6.66	24.30	6.08
	-3	-3.7	30.40	7.64	29.40	7.40	27.70	6.81	26.90	6.53	26.00	6.25	24.30	5.71
	0	-0.7	31.20	7.22	29.40	6.68	27.70	6.16	26.90	5.90	26.00	5.66	24.30	5.17
	3	2.2	31.20	6.55	29.40	6.06	27.70	5.60	26.90	5.37	26.00	5.15	24.30	4.72
	5	4.1	29.50	5.57	27.80	5.15	26.00	4.74	25.10	4.54	24.30	4.34	22.50	3.96
	7	6	27.80	4.71	26.00	4.34	24.30	3.98	23.40	3.80	22.50	3.63	20.70	3.30
	9	7.9	26.00	3.96	24.20	3.63	22.50	3.32	21.60	3.17	20.70	3.02	18.80	2.73
	11	9.8	24.20	3.31	22.40	3.03	20.60	2.76	19.70	2.63	18.80	2.50	16.90	2.25
	13	11.8	22.30	2.74	20.50	2.50	18.70	2.28	17.70	2.17	16.80	2.06	14.90	1.85
	15	13.7	20.30	2.27	18.50	2.07	16.60	1.88	15.70	1.78	14.80	1.69	12.90	1.52
100	-30	-30.2	14.70	6.02	14.50	6.07	14.40	6.11	14.40	6.13	14.30	6.16	14.20	6.20
	-24.8	-25	17.10	6.34	17.00	6.39	16.80	6.44	16.80	6.46	16.70	6.49	16.60	6.54
	-21.8	-22	18.60	6.53	18.50	6.58	18.30	6.63	18.30	6.66	18.20	6.68	18.00	6.73
	-19.8	-20	19.70	6.65	19.50	6.71	19.40	6.76	19.30	6.79	19.20	6.81	19.10	6.87
	-18.8	-19	20.20	6.72	20.10	6.77	19.90	6.83	19.80	6.85	19.80	6.88	19.60	6.93
	-16.7	-17	21.30	6.84	21.20	6.90	21.00	6.96	20.90	6.99	20.90	7.01	20.70	7.07
	-15	-15.9	22.10	6.93	21.90	6.99	21.80	7.05	21.70	7.07	21.60	7.10	21.50	7.16
	-13.7	-15	22.80	7.01	22.60	7.07	22.50	7.13	22.40	7.16	22.30	7.19	22.00	7.19
	-11.8	-13	23.90	7.12	23.70	7.19	23.50	7.25	23.40	7.28	23.40	7.31	22.00	6.77
	-9.8	-11	25.00	7.25	24.80	7.31	24.70	7.37	24.40	7.32	23.60	7.00	22.00	6.37
	-9.5	-10	25.60	7.31	25.40	7.38	25.20	7.42	24.40	7.10	23.60	6.80	22.00	6.20
	-8.5	-9.1	26.20	7.38	26.00	7.44	25.20	7.19	24.40	6.89	23.60	6.59	22.00	6.02
	-7	-7.6	27.20	7.48	26.80	7.43	25.20	6.84	24.40	6.55	23.60	6.27	22.00	5.73
	-5	-5.6	28.30	7.50	26.80	6.94	25.20	6.40	24.40	6.13	23.60	5.87	22.00	5.37
	-3	-3.7	28.30	7.02	26.80	6.50	25.20	6.00	24.40	5.75	23.60	5.51	22.00	5.04
	0	-0.7	28.30	6.35	26.80	5.88	25.20	5.43	24.40	5.22	23.60	5.00	22.00	4.59
	3	2.2	28.30	5.77	26.80	5.35	25.20	4.95	24.40	4.76	23.60	4.57	22.00	4.19
	5	4.1	26.80	4.93	25.20	4.56	23.70	4.21	22.90	4.03	22.10	3.86	20.50	3.53
	7	6	25.30	4.18	23.70	3.86	22.10	3.55	21.30	3.40	20.40	3.25	18.80	2.96
	9	7.9	23.70	3.53	22.00	3.25	20.40	2.98	19.60	2.85	18.80	2.72	17.10	2.47
	11	9.8	22.00	2.97	20.40	2.73	18.70	2.49	17.90	2.38	17.10	2.27	15.40	2.06
	13	11.8	20.30	2.48	18.60	2.27	17.00	2.07	16.10	1.98	15.30	1.88	13.60	1.70
	15	13.7	18.50	2.07	16.80	1.89	15.10	1.73	14.30	1.65	13.40	1.57	11.70	1.42

1. ARUM080LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	14.60	6.06	14.40	6.11	14.30	6.15	14.30	6.17	14.20	6.20	14.10	6.24
	-24.8	-25	16.90	6.39	16.80	6.44	16.70	6.49	16.60	6.52	16.60	6.54	16.40	6.59
	-21.8	-22	18.40	6.59	18.30	6.64	18.20	6.69	18.10	6.72	18.00	6.74	17.90	6.79
	-19.8	-20	19.50	6.72	19.30	6.78	19.20	6.83	19.10	6.86	19.00	6.88	18.90	6.93
	-18.8	-19	20.00	6.79	19.90	6.85	19.70	6.90	19.60	6.93	19.60	6.95	19.40	7.00
	-16.7	-17	21.10	6.93	21.00	6.98	20.80	7.04	20.70	7.07	20.60	7.09	19.80	6.78
	-15	-15.9	21.80	7.02	21.70	7.07	21.50	7.13	21.40	7.16	21.30	7.12	19.80	6.49
	-13.7	-15	22.50	7.10	22.40	7.16	22.20	7.22	22.00	7.15	21.30	6.84	19.80	6.23
	-11.8	-13	23.60	7.23	23.40	7.29	22.70	7.04	22.00	6.74	21.30	6.45	19.80	5.88
	-9.8	-11	24.70	7.36	24.10	7.19	22.70	6.62	22.00	6.34	21.30	6.06	19.80	5.53
	-9.5	-10	25.30	7.42	24.10	6.98	22.70	6.44	22.00	6.17	21.30	5.91	19.80	5.40
	-8.5	-9.1	25.50	7.32	24.10	6.77	22.70	6.25	22.00	5.99	21.30	5.74	19.80	5.25
	-7	-7.6	25.50	6.96	24.10	6.44	22.70	5.94	22.00	5.70	21.30	5.47	19.80	5.00
	-5	-5.6	25.50	6.50	24.10	6.03	22.70	5.57	22.00	5.34	21.30	5.12	19.80	4.70
	-3	-3.7	25.50	6.10	24.10	5.66	22.70	5.23	22.00	5.02	21.30	4.82	19.80	4.42
	0	-0.7	25.50	5.52	24.10	5.13	22.70	4.75	22.00	4.57	21.30	4.38	19.80	4.03
	3	2.2	25.50	5.03	24.10	4.68	22.70	4.34	22.00	4.18	21.30	4.01	19.80	3.70
	5	4.1	24.10	4.31	22.70	4.00	21.30	3.70	20.60	3.56	19.90	3.41	18.40	3.13
	7	6	22.70	3.68	21.30	3.41	19.90	3.14	19.10	3.01	18.40	2.89	16.90	2.64
	9	7.9	21.30	3.13	19.80	2.89	18.40	2.66	17.60	2.55	16.90	2.44	15.40	2.22
	11	9.8	19.80	2.65	18.30	2.44	16.80	2.24	16.10	2.15	15.40	2.05	13.90	1.87
	13	11.8	18.20	2.23	16.80	2.05	15.30	1.88	14.50	1.80	13.80	1.72	12.20	1.56
	15	13.7	16.60	1.88	15.10	1.73	13.60	1.59	12.90	1.52	12.10	1.45	10.50	1.32
80	-30	-30.2	14.40	6.12	14.30	6.16	14.20	6.20	14.10	6.23	14.10	6.25	14.00	6.29
	-24.8	-25	16.80	6.46	16.60	6.51	16.50	6.56	16.40	6.58	16.40	6.61	16.30	6.65
	-21.8	-22	18.20	6.67	18.10	6.72	17.90	6.77	17.90	6.80	17.80	6.82	17.60	6.84
	-19.8	-20	19.20	6.81	19.10	6.86	18.90	6.91	18.90	6.94	18.80	6.96	17.60	6.41
	-18.8	-19	19.80	6.88	19.60	6.94	19.50	6.99	19.40	7.01	18.90	6.79	17.60	6.20
	-16.7	-17	20.80	7.03	20.70	7.08	20.20	6.93	19.50	6.64	18.90	6.36	17.60	5.81
	-15	-15.9	21.50	7.12	21.40	7.18	20.20	6.63	19.50	6.35	18.90	6.08	17.60	5.55
	-13.7	-15	22.20	7.21	21.40	6.91	20.20	6.37	19.50	6.10	18.90	5.84	17.60	5.34
	-11.8	-13	22.70	7.04	21.40	6.51	20.20	6.00	19.50	5.76	18.90	5.51	17.60	5.04
	-9.8	-11	22.70	6.62	21.40	6.12	20.20	5.65	19.50	5.42	18.90	5.19	17.60	4.75
	-9.5	-10	22.70	6.44	21.40	5.97	20.20	5.52	19.50	5.29	18.90	5.08	17.60	4.66
	-8.5	-9.1	22.70	6.25	21.40	5.79	20.20	5.36	19.50	5.14	18.90	4.93	17.60	4.53
	-7	-7.6	22.70	5.94	21.40	5.52	20.20	5.10	19.50	4.90	18.90	4.71	17.60	4.32
	-5	-5.6	22.70	5.57	21.40	5.17	20.20	4.79	19.50	4.60	18.90	4.42	17.60	4.06
	-3	-3.7	22.70	5.23	21.40	4.86	20.20	4.51	19.50	4.33	18.90	4.16	17.60	3.83
	0	-0.7	22.70	4.75	21.40	4.42	20.20	4.11	19.50	3.95	18.90	3.80	17.60	3.51
	3	2.2	22.70	4.34	21.40	4.05	20.20	3.77	19.50	3.63	18.90	3.49	17.60	3.23
	5	4.1	21.50	3.74	20.20	3.48	18.90	3.23	18.30	3.11	17.60	2.99	16.40	2.75
	7	6	20.20	3.21	18.90	2.98	17.60	2.76	17.00	2.65	16.40	2.55	15.10	2.34
	9	7.9	18.90	2.74	17.60	2.55	16.30	2.35	15.70	2.26	15.00	2.17	13.70	1.99
	11	9.8	17.60	2.34	16.30	2.17	15.00	2.00	14.30	1.92	13.60	1.84	12.30	1.69
	13	11.8	16.20	1.99	14.90	1.84	13.60	1.70	12.90	1.63	12.20	1.56	10.90	1.43
	15	13.7	14.80	1.69	13.50	1.57	12.10	1.45	11.40	1.39	10.70	1.34	9.40	1.23
70	-30	-30.2	14.30	6.18	14.10	6.23	14.00	6.27	14.00	6.29	13.90	6.31	13.80	6.35

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	16.50	6.55	16.40	6.60	16.30	6.64	16.20	6.66	16.20	6.69	15.40	6.33
	-21.8	-22	17.90	6.77	17.80	6.82	17.60	6.84	17.10	6.56	16.50	6.28	15.40	5.74
	-19.8	-20	18.90	6.92	18.70	6.94	17.60	6.41	17.10	6.14	16.50	5.89	15.40	5.39
	-18.8	-19	19.40	7.00	18.70	6.72	17.60	6.20	17.10	5.95	16.50	5.70	15.40	5.22
	-16.7	-17	19.80	6.79	18.70	6.29	17.60	5.81	17.10	5.58	16.50	5.35	15.40	4.90
	-15	-15.9	19.80	6.49	18.70	6.01	17.60	5.56	17.10	5.33	16.50	5.11	15.40	4.68
	-13.7	-15	19.80	6.23	18.70	5.78	17.60	5.34	17.10	5.13	16.50	4.92	15.40	4.51
	-11.8	-13	19.80	5.88	18.70	5.45	17.60	5.04	17.10	4.84	16.50	4.65	15.40	4.26
	-9.8	-11	19.80	5.53	18.70	5.14	17.60	4.75	17.10	4.56	16.50	4.38	15.40	4.02
	-9.5	-10	19.80	5.40	18.70	5.02	17.60	4.66	17.10	4.48	16.50	4.30	15.40	3.96
	-8.5	-9.1	19.80	5.25	18.70	4.88	17.60	4.53	17.10	4.35	16.50	4.18	15.40	3.85
	-7	-7.6	19.80	5.00	18.70	4.66	17.60	4.32	17.10	4.16	16.50	4.00	15.40	3.68
	-5	-5.6	19.80	4.70	18.70	4.37	17.60	4.06	17.10	3.91	16.50	3.76	15.40	3.47
	-3	-3.7	19.80	4.42	18.70	4.12	17.60	3.83	17.10	3.69	16.50	3.55	15.40	3.28
	0	-0.7	19.80	4.03	18.70	3.76	17.60	3.51	17.10	3.38	16.50	3.26	15.40	3.01
	3	2.2	19.80	3.70	18.70	3.46	17.60	3.23	17.10	3.11	16.50	3.00	15.40	2.79
	5	4.1	18.80	3.20	17.70	2.99	16.60	2.79	16.00	2.69	15.40	2.59	14.30	2.39
	7	6	17.70	2.77	16.60	2.58	15.40	2.40	14.90	2.31	14.30	2.23	13.20	2.06
	9	7.9	16.60	2.39	15.40	2.22	14.30	2.07	13.70	1.99	13.10	1.91	12.00	1.77
	11	9.8	15.40	2.06	14.30	1.92	13.10	1.78	12.50	1.71	11.90	1.65	10.80	1.52
	13	11.8	14.20	1.77	13.00	1.65	11.90	1.53	11.30	1.47	10.70	1.42	9.50	1.31
	15	13.7	12.90	1.52	11.80	1.42	10.60	1.32	10.00	1.28	9.40	1.23	8.20	1.14
60	-30	-30.2	14.00	6.27	13.90	6.31	13.80	6.35	13.80	6.37	13.70	6.39	13.20	6.14
	-24.8	-25	16.20	6.66	16.10	6.67	15.10	6.16	14.60	5.92	14.20	5.67	13.20	5.20
	-21.8	-22	17.00	6.52	16.10	6.05	15.10	5.60	14.60	5.37	14.20	5.16	13.20	4.73
	-19.8	-20	17.00	6.11	16.10	5.67	15.10	5.25	14.60	5.05	14.20	4.84	13.20	4.45
	-18.8	-19	17.00	5.91	16.10	5.50	15.10	5.09	14.60	4.89	14.20	4.70	13.20	4.31
	-16.7	-17	17.00	5.55	16.10	5.16	15.10	4.78	14.60	4.60	14.20	4.41	13.20	4.06
	-15	-15.9	17.00	5.30	16.10	4.93	15.10	4.56	14.60	4.39	14.20	4.22	13.20	3.88
	-13.7	-15	17.00	5.09	16.10	4.74	15.10	4.39	14.60	4.22	14.20	4.06	13.20	3.74
	-11.8	-13	17.00	4.81	16.10	4.48	15.10	4.16	14.60	4.00	14.20	3.84	13.20	3.54
	-9.8	-11	17.00	4.54	16.10	4.23	15.10	3.92	14.60	3.78	14.20	3.63	13.20	3.35
	-9.5	-10	17.00	4.45	16.10	4.15	15.10	3.86	14.60	3.72	14.20	3.58	13.20	3.31
	-8.5	-9.1	17.00	4.33	16.10	4.04	15.10	3.76	14.60	3.62	14.20	3.48	13.20	3.22
	-7	-7.6	17.00	4.13	16.10	3.86	15.10	3.59	14.60	3.46	14.20	3.34	13.20	3.09
	-5	-5.6	17.00	3.89	16.10	3.64	15.10	3.39	14.60	3.27	14.20	3.15	13.20	2.92
	-3	-3.7	17.00	3.67	16.10	3.44	15.10	3.21	14.60	3.10	14.20	2.98	13.20	2.77
	0	-0.7	17.00	3.36	16.10	3.15	15.10	2.95	14.60	2.85	14.20	2.75	13.20	2.56
	3	2.2	17.00	3.10	16.10	2.91	15.10	2.72	14.60	2.63	14.20	2.55	13.20	2.37
	5	4.1	16.10	2.70	15.10	2.54	14.20	2.37	13.70	2.29	13.20	2.21	12.30	2.06
	7	6	15.20	2.36	14.20	2.21	13.20	2.07	12.80	2.00	12.30	1.93	11.30	1.79
	9	7.9	14.20	2.05	13.20	1.92	12.20	1.80	11.80	1.74	11.30	1.68	10.30	1.56
	11	9.8	13.20	1.79	12.20	1.68	11.20	1.57	10.70	1.52	10.20	1.46	9.20	1.36
	13	11.8	12.20	1.56	11.20	1.46	10.20	1.37	9.70	1.32	9.20	1.28	8.10	1.19
	15	13.7	11.10	1.36	10.10	1.28	9.10	1.20	8.60	1.16	8.10	1.13	7.00	1.05
50	-30	-30.2	13.70	6.39	13.40	6.23	12.60	5.76	12.20	5.54	11.80	5.31	11.00	4.88
	-24.8	-25	14.20	5.67	13.40	5.28	12.60	4.89	12.20	4.70	11.80	4.52	11.00	4.16

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	14.20	5.16	13.40	4.80	12.60	4.46	12.20	4.29	11.80	4.12	11.00	3.80
	-19.8	-20	14.20	4.84	13.40	4.51	12.60	4.19	12.20	4.04	11.80	3.88	11.00	3.58
	-18.8	-19	14.20	4.70	13.40	4.38	12.60	4.07	12.20	3.92	11.80	3.77	11.00	3.48
	-16.7	-17	14.20	4.41	13.40	4.12	12.60	3.83	12.20	3.69	11.80	3.55	11.00	3.29
	-15	-15.9	14.20	4.22	13.40	3.93	12.60	3.66	12.20	3.53	11.80	3.40	11.00	3.14
	-13.7	-15	14.20	4.06	13.40	3.79	12.60	3.53	12.20	3.40	11.80	3.28	11.00	3.03
	-11.8	-13	14.20	3.84	13.40	3.59	12.60	3.35	12.20	3.23	11.80	3.11	11.00	2.88
	-9.8	-11	14.20	3.63	13.40	3.40	12.60	3.17	12.20	3.06	11.80	2.95	11.00	2.74
	-9.5	-10	14.20	3.58	13.40	3.35	12.60	3.13	12.20	3.02	11.80	2.92	11.00	2.71
	-8.5	-9.1	14.20	3.48	13.40	3.26	12.60	3.05	12.20	2.95	11.80	2.84	11.00	2.64
	-7	-7.6	14.20	3.34	13.40	3.13	12.60	2.93	12.20	2.83	11.80	2.73	11.00	2.54
	-5	-5.6	14.20	3.15	13.40	2.96	12.60	2.77	12.20	2.68	11.80	2.59	11.00	2.41
	-3	-3.7	14.20	2.98	13.40	2.81	12.60	2.63	12.20	2.55	11.80	2.46	11.00	2.30
	0	-0.7	14.20	2.75	13.40	2.59	12.60	2.43	12.20	2.36	11.80	2.28	11.00	2.13
	3	2.2	14.20	2.55	13.40	2.40	12.60	2.26	12.20	2.19	11.80	2.12	11.00	1.99
	5	4.1	13.40	2.24	12.60	2.12	11.80	1.99	11.40	1.93	11.00	1.87	10.20	1.75
	7	6	12.60	1.98	11.80	1.87	11.00	1.76	10.60	1.70	10.20	1.65	9.40	1.55
	9	7.9	11.80	1.75	11.00	1.65	10.20	1.55	9.80	1.50	9.40	1.46	8.60	1.36
	11	9.8	11.00	1.54	10.20	1.46	9.40	1.37	8.90	1.33	8.50	1.29	7.70	1.21
	13	11.8	10.10	1.37	9.30	1.29	8.50	1.22	8.10	1.18	7.60	1.15	6.80	1.08
	15	13.7	9.20	1.22	8.40	1.15	7.60	1.09	7.10	1.06	6.70	1.03	5.90	0.97

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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1.8 Capacity Correction Factor

1.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

1.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

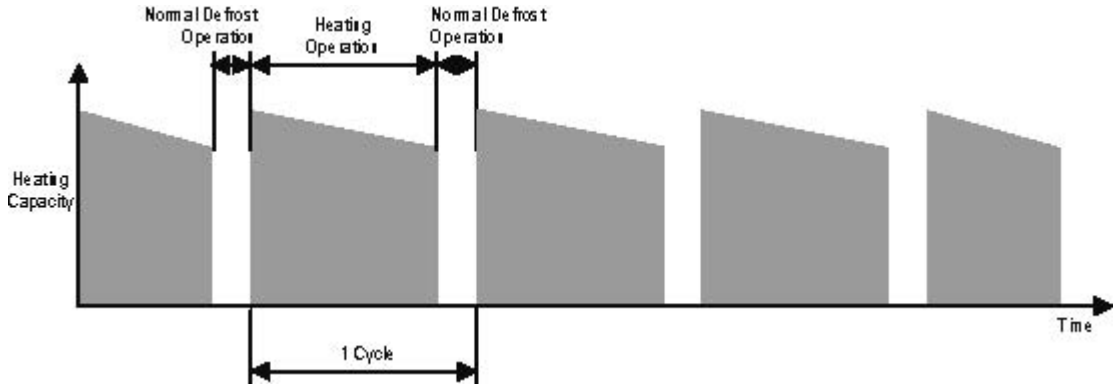
Defrosting Correction Factor for Heating Operation

The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:
1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

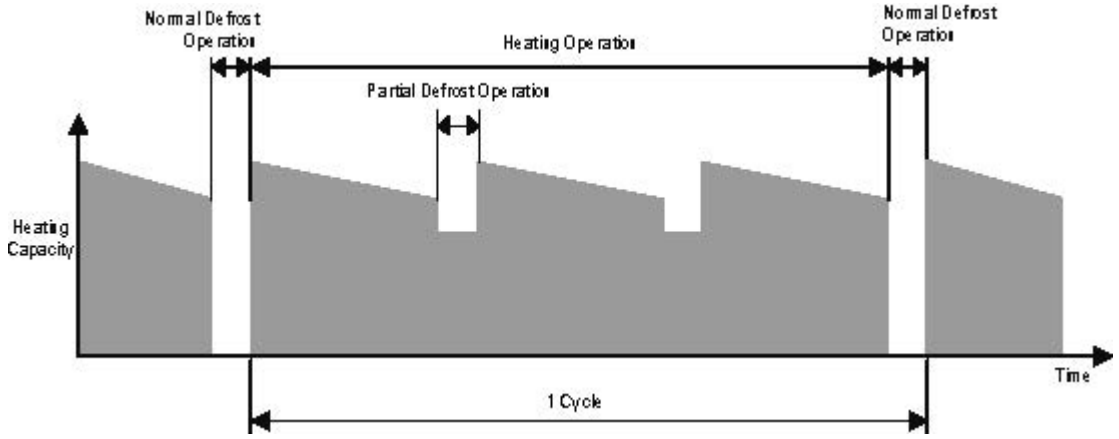
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

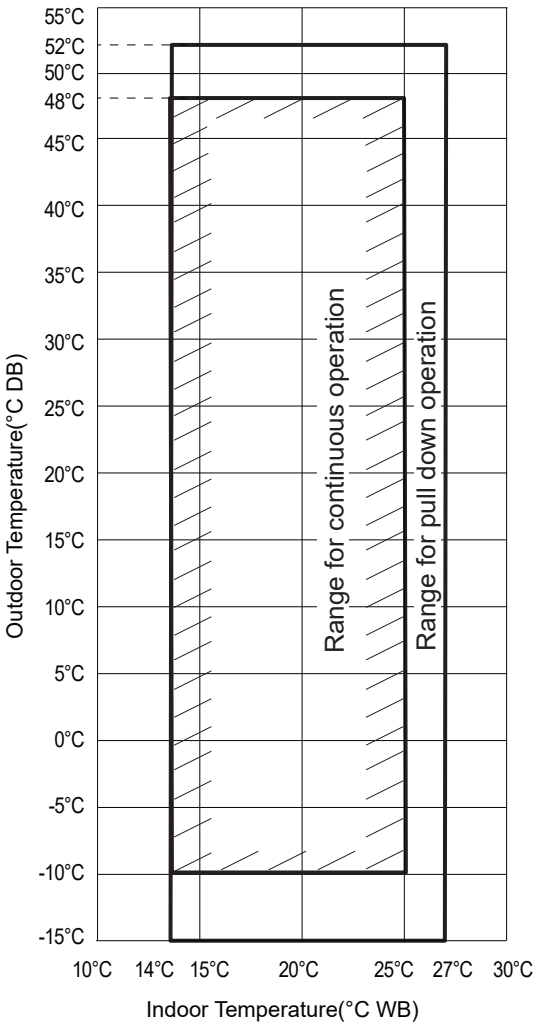


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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1.9 Operation Limits

1.9.1 Cooling

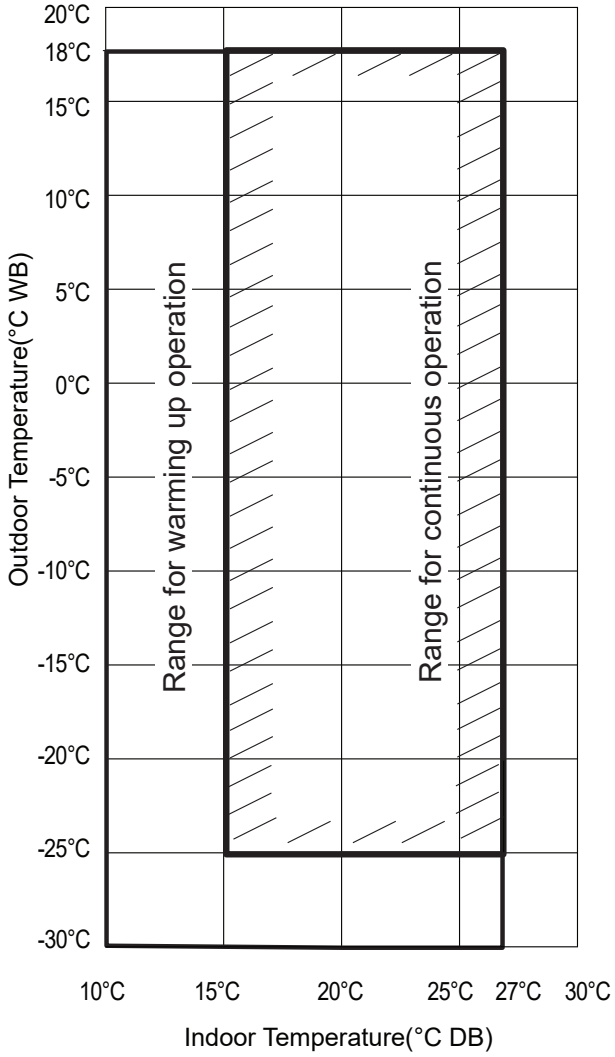


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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1.9.2 Heating

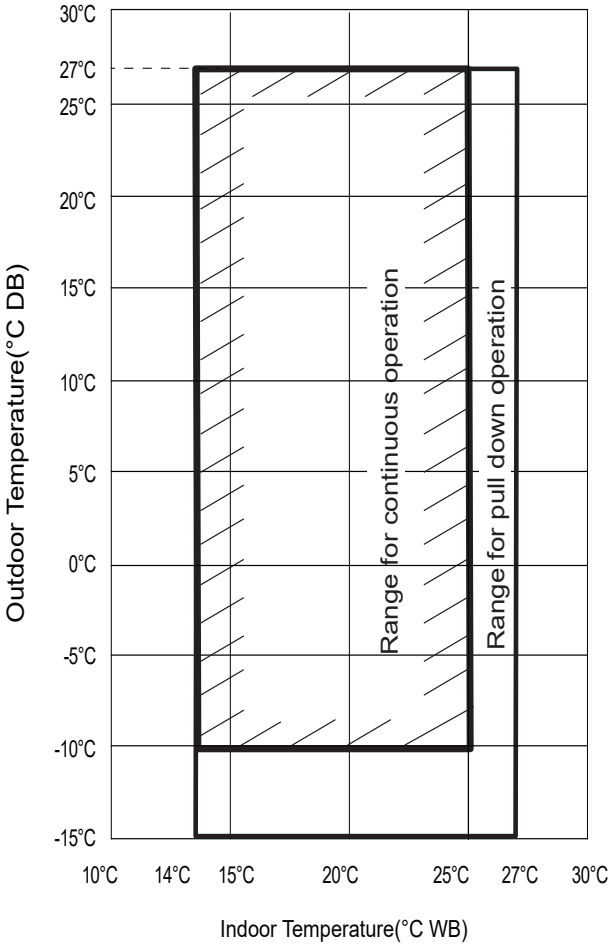


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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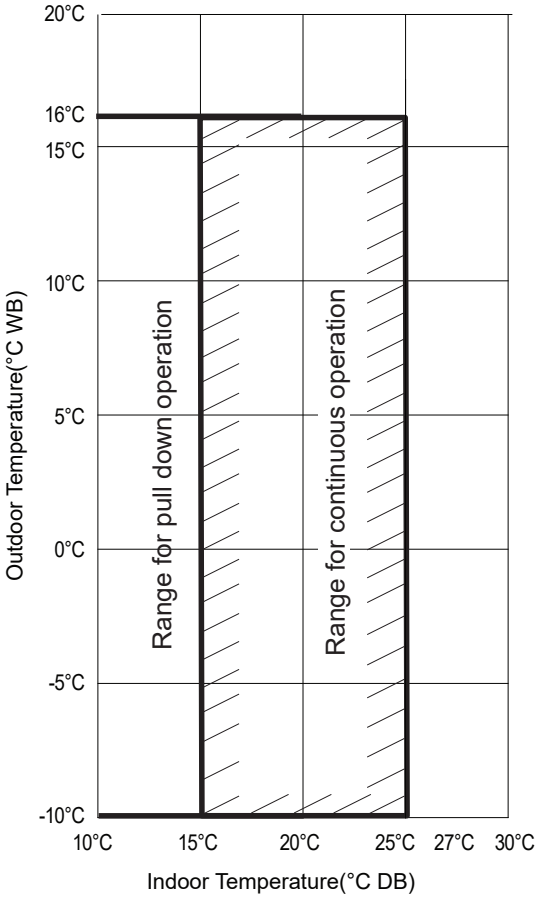
1.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

1.9.4 Simultaneous Operation (Heating)



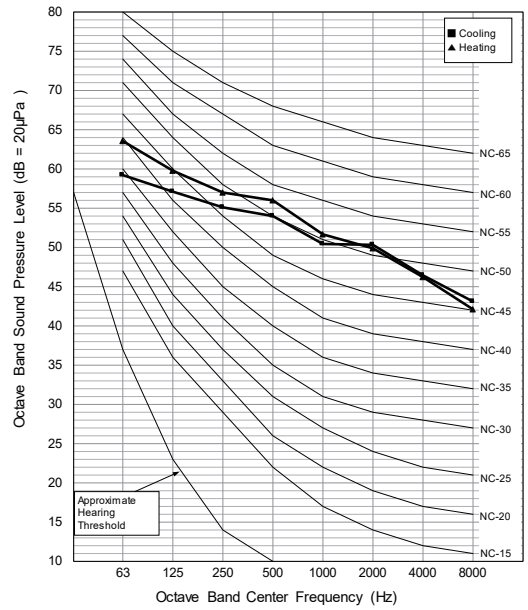
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

1. ARUM080LTE6

1.10 Sound Levels

1.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	59.2	57.1	55.1	53.9	50.5	50.3	46.4	43.2	*57.0*
Heating [dB]	63.6	59.8	57.0	56.0	51.7	49.9	46.3	42.1	*58.0*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	57.0	58.0	100	100
op4~op6, op11	57.0	58.0	100	100
op7~op9, op12	55.0	55.0	85	85

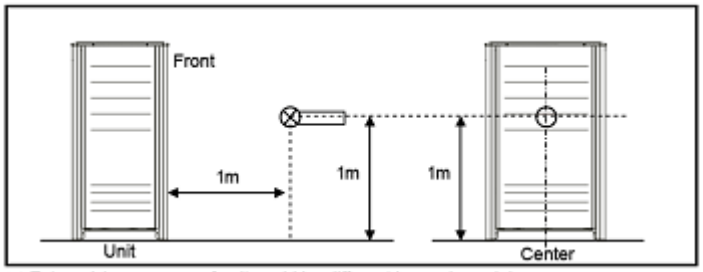
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	100
op3	60	100
op4	55	85
op5	50	55

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	57.0 / 58.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

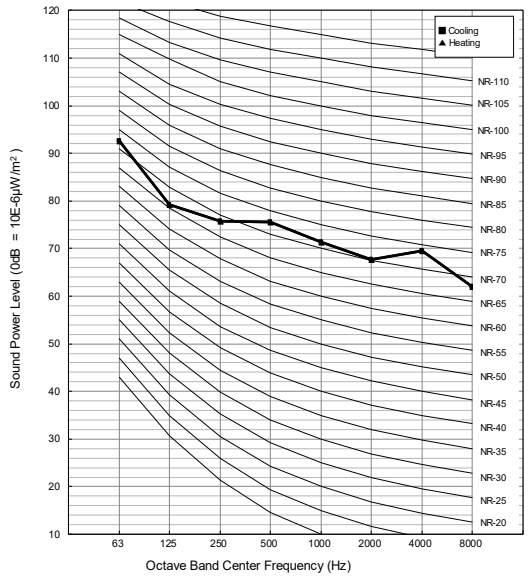
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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1.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	92.7	79.2	75.8	75.6	71.4	67.7	69.5	62.0	*78.0*
Heating [dB]	92.7	79.2	75.8	75.6	71.4	67.7	69.5	62.0	*78.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	78.0	78.0	100	100
op4~op6, op11	78.0	78.0	100	100
op7~op9, op12	77.0	77.0	85	85

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	78.0 / 78.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

2. ARUM100LTE6

2.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXA
	Combination Unit (1)	-	ARUM100LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	13.61 - 12.93 - 12.47
	Running Current by Voltage (Heating,Rated)	A	10.17 - 9.66 - 9.31
Cooling Capacity	Rated	kW	28.0
		Btu/h	95,500
Heating Capacity	Rated	kW	28.0
		Btu/h	95,500
	Max	kW	31.5
		Btu/h	107,500
Power Input(Cooling)	Rated	kW	8.33
Power Input(Heating)	Rated	kW	6.22
Efficiency	EER(Rated)	W/W	3.36
	COP(Rated)	W/W	4.50
	SEER	Wh/Wh	8.11
	SCOP	Wh/Wh	4.52
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	220 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	1,200 x 1
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1
	Number of Revolution	rev./min	3,600
	Motor Output	W x No.	5,300 x 1
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	1
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	930 x 1,745 x 760
	Shipping(W x H x D)	mm	965 x 1,919 x 802
Weight	Net	kg	215
	Shipping	kg	225
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

2. ARUM100LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	9.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	19.831
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ9.52 (3/8)
	Gas	mm(inch)	Φ22.2 (7/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ22.2 (7/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ19.05 (3/4)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	57.5 / 58.5
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	79.0 / 79.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	25.1
	Maximum Fuse Amperes (MFA)	A	32
	Total Over Current Amperes (TOCA)	A	28.0
	Comp_Maximum Starting Current (MSC)	A	5.9
	Comp_Rated Load Amperes (Cooling)	A	11.1
	Comp_Rated Load Amperes (Heating)	A	7.7
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	2.5
Connectable indoor units number	Max. (Conditional)	Units	16(25)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

2. ARUM100LTE6

2.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

2. ARUM100LTE6

2.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

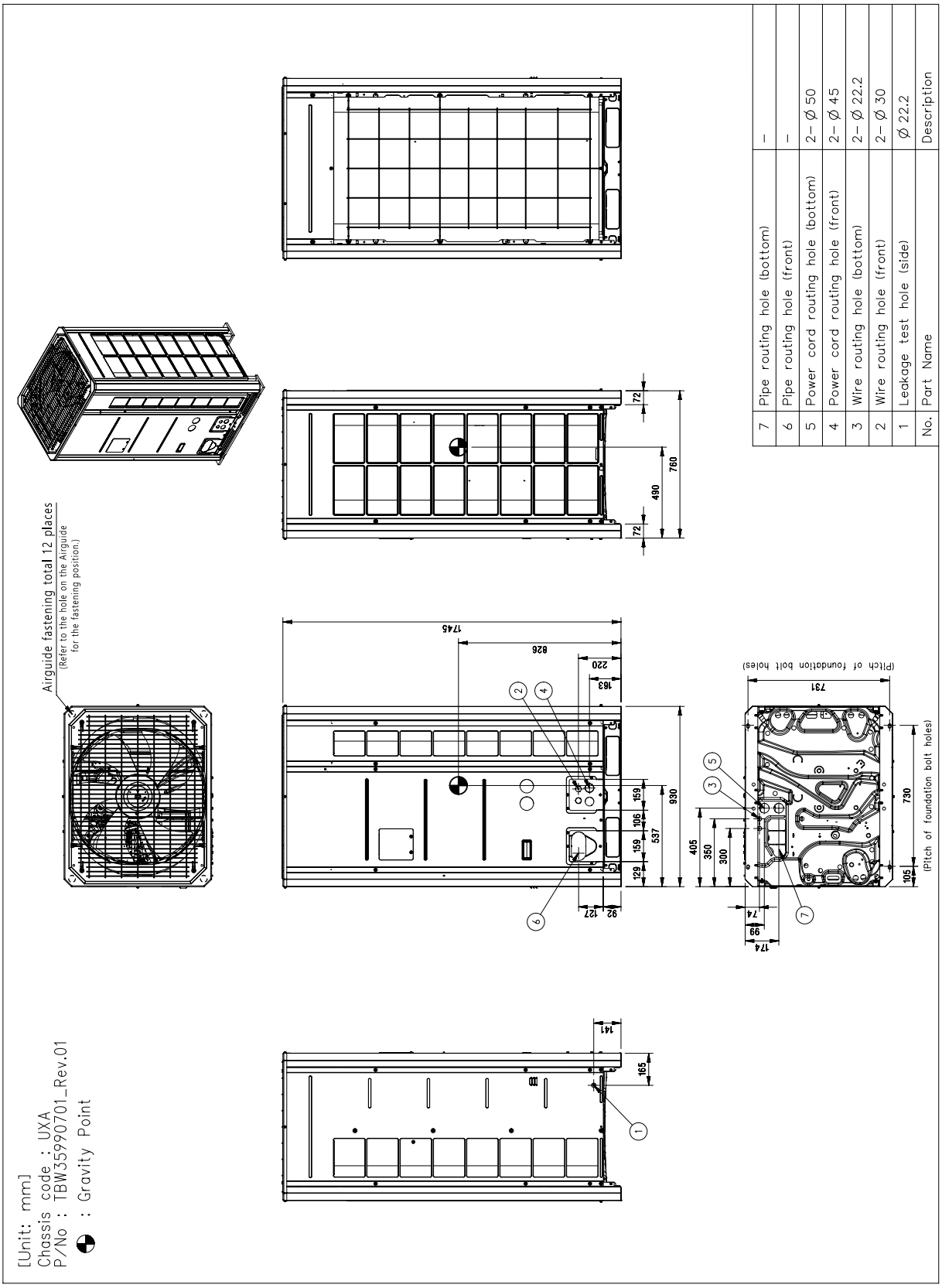
Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

2. ARUM100LTE6

2.4 Dimensions

2.4.1 Product

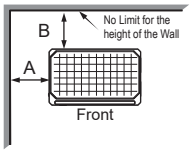
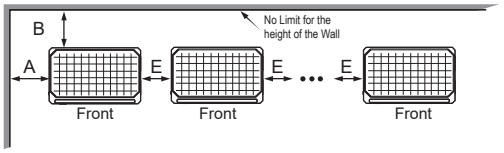
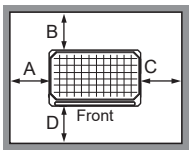
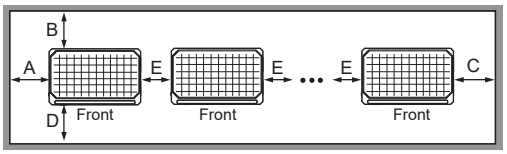
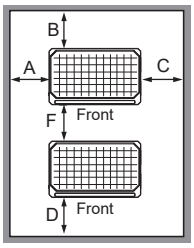
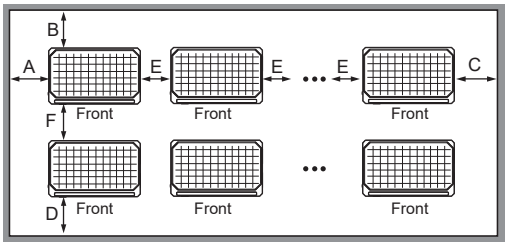
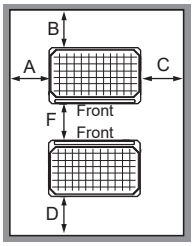


No.	Part Name	Description
7	Pipe routing hole (bottom)	–
6	Pipe routing hole (front)	–
5	Power cord routing hole (bottom)	2– Ø 50
4	Power cord routing hole (front)	2– Ø 45
3	Wire routing hole (bottom)	2– Ø 22.2
2	Wire routing hole (front)	2– Ø 30
1	Leakage test hole (side)	Ø 22.2

2. ARUM100LTE6

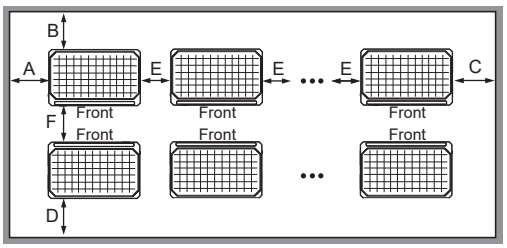
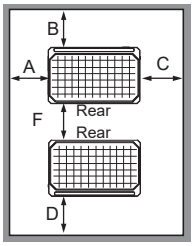
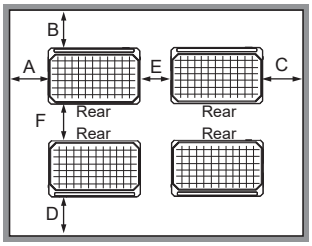
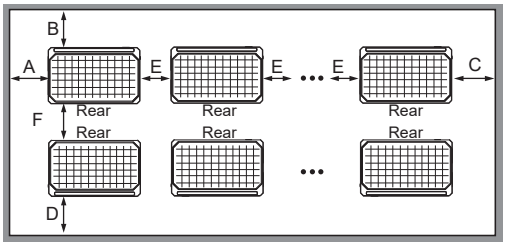
2.4.2 Installation Space

[Unit : mm(inch)]

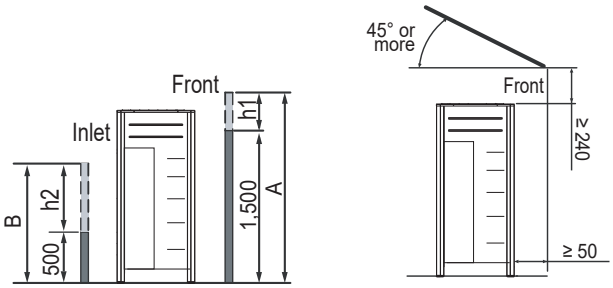
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

2. ARUM100LTE6

[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

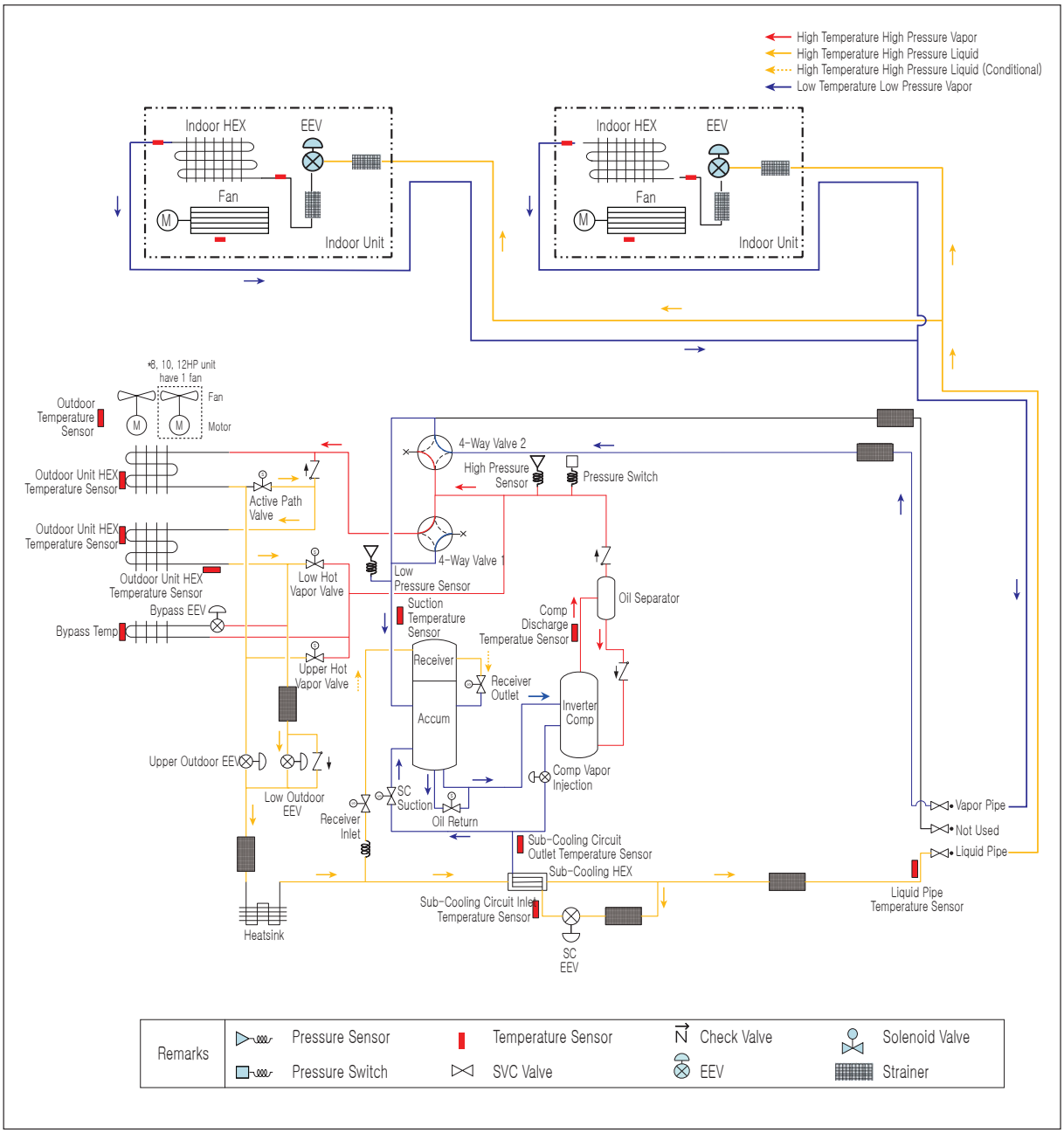
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

2. ARUM100LTE6

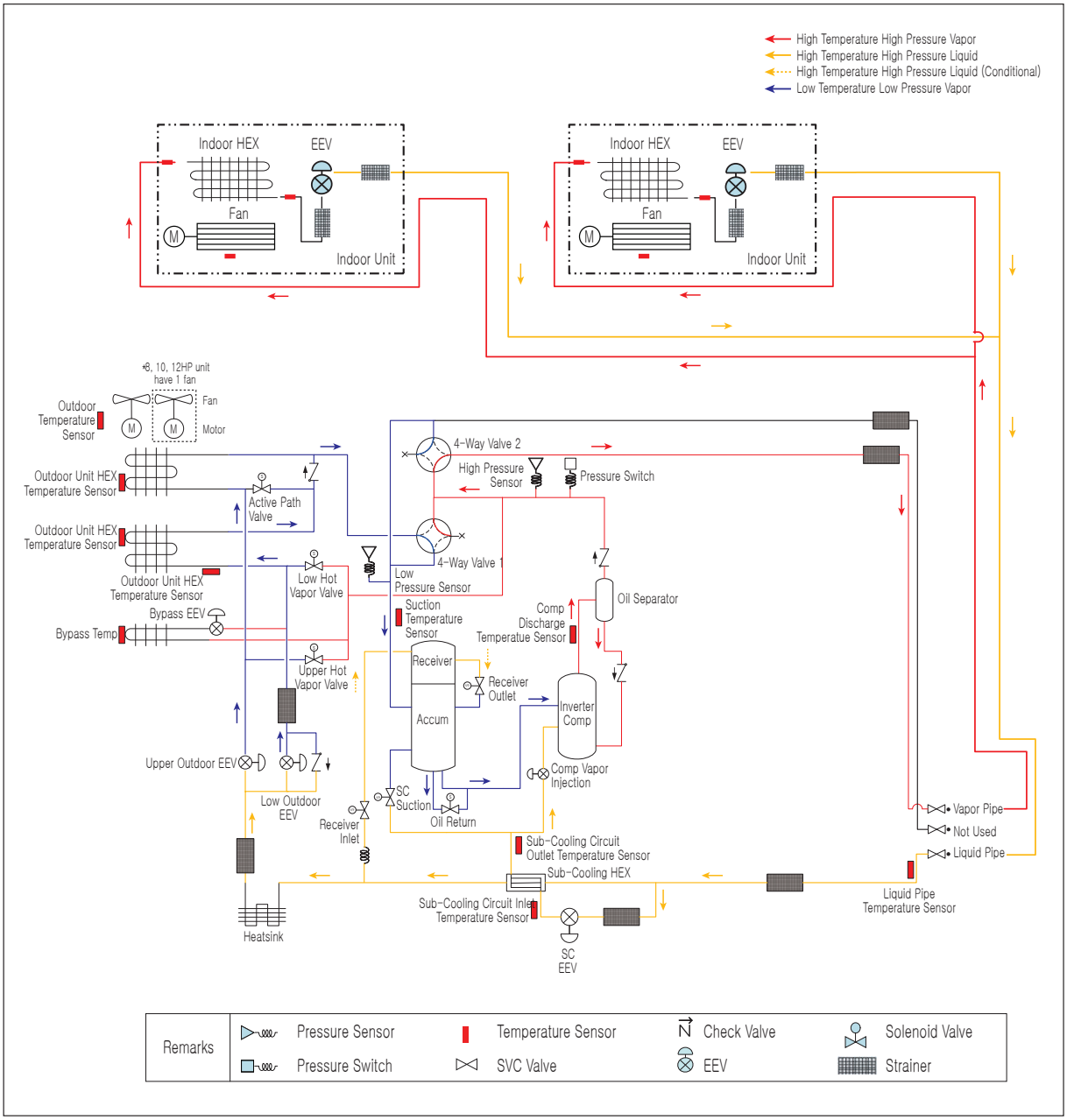
2.5 Piping Diagrams

2.5.1 Heat Pump : Cooling



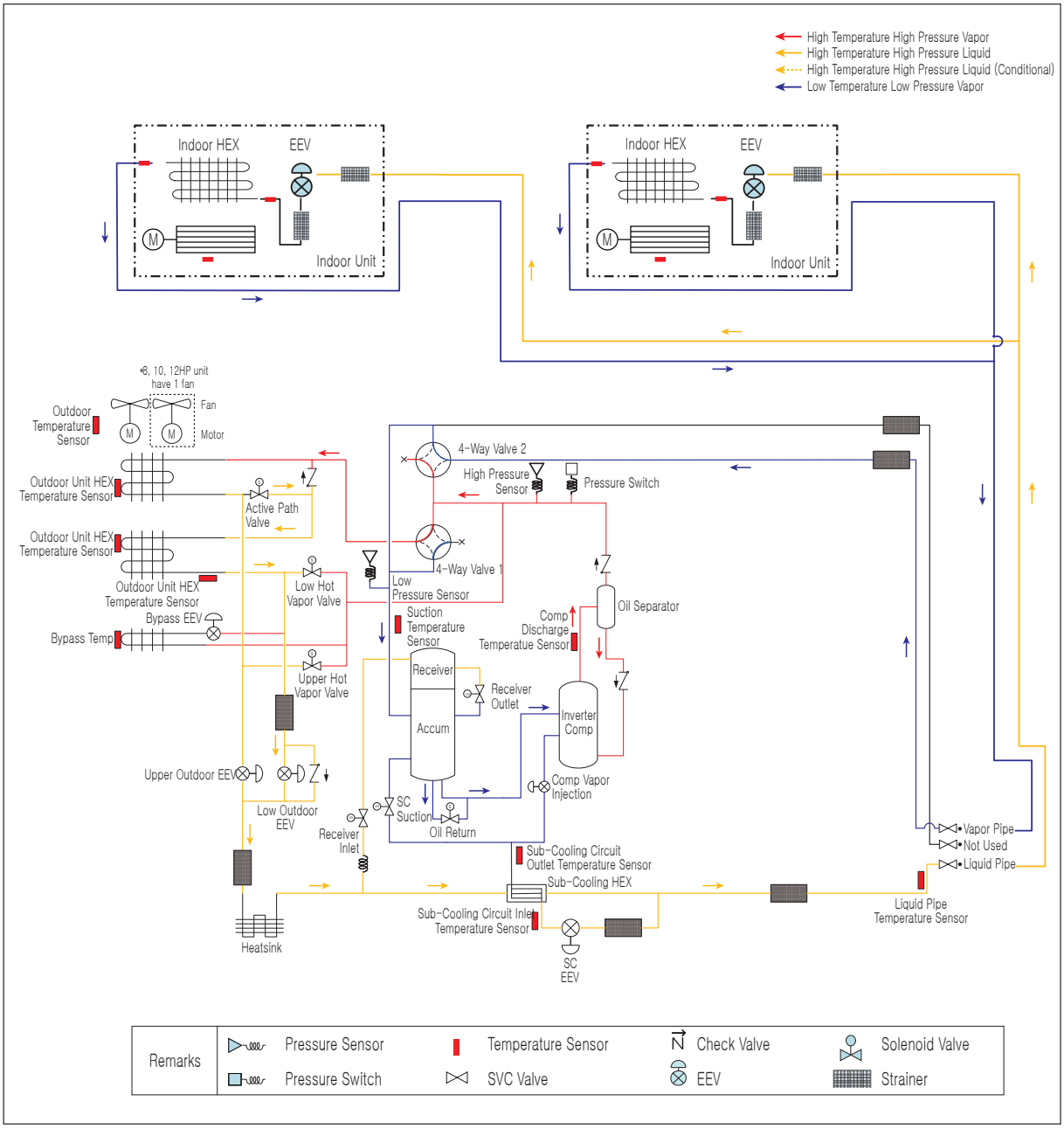
2. ARUM100LTE6

2.5.2 Heat Pump : Heating



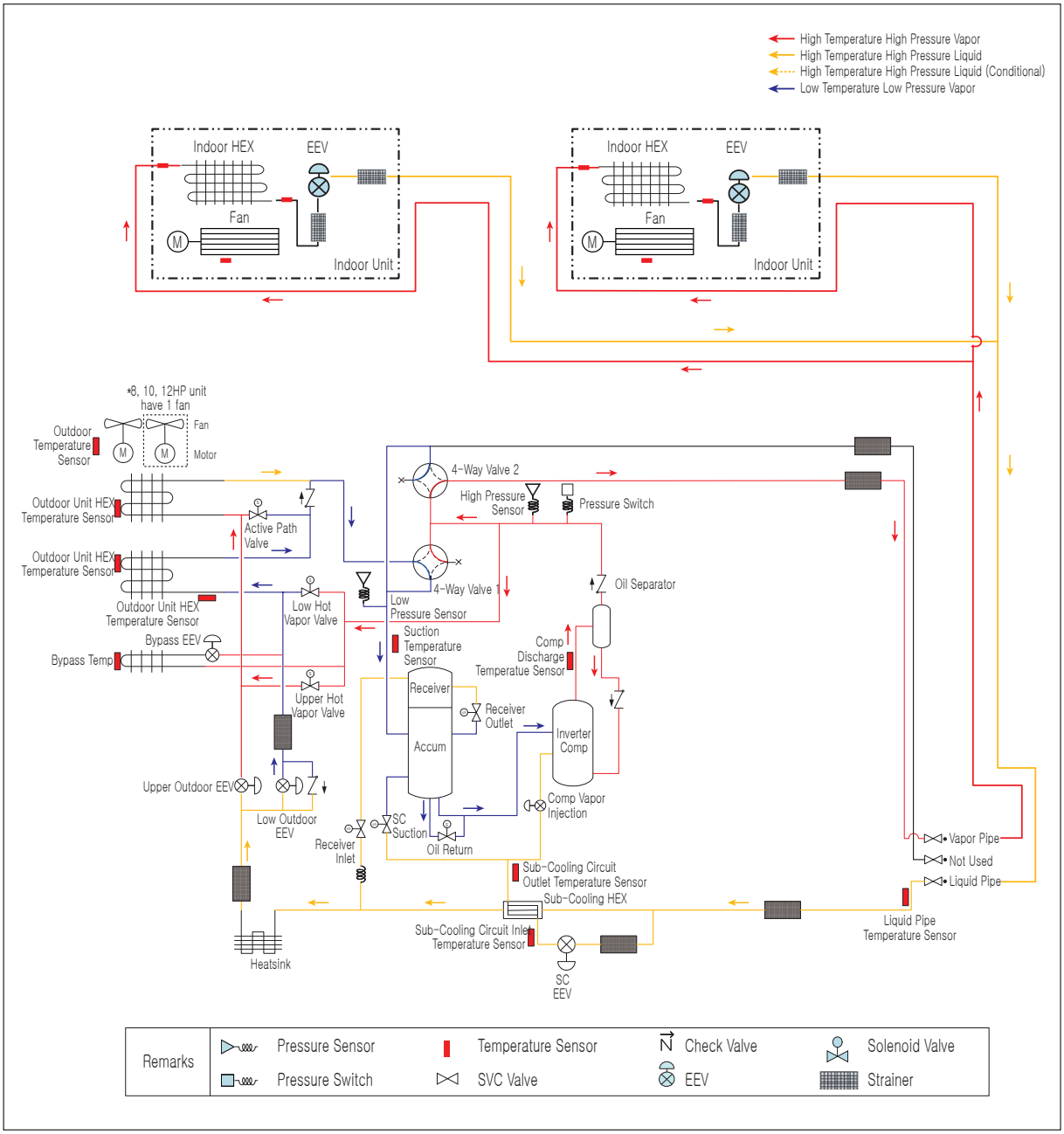
2. ARUM100LTE6

2.5.3 Heat Pump : Defrost / Oil Return

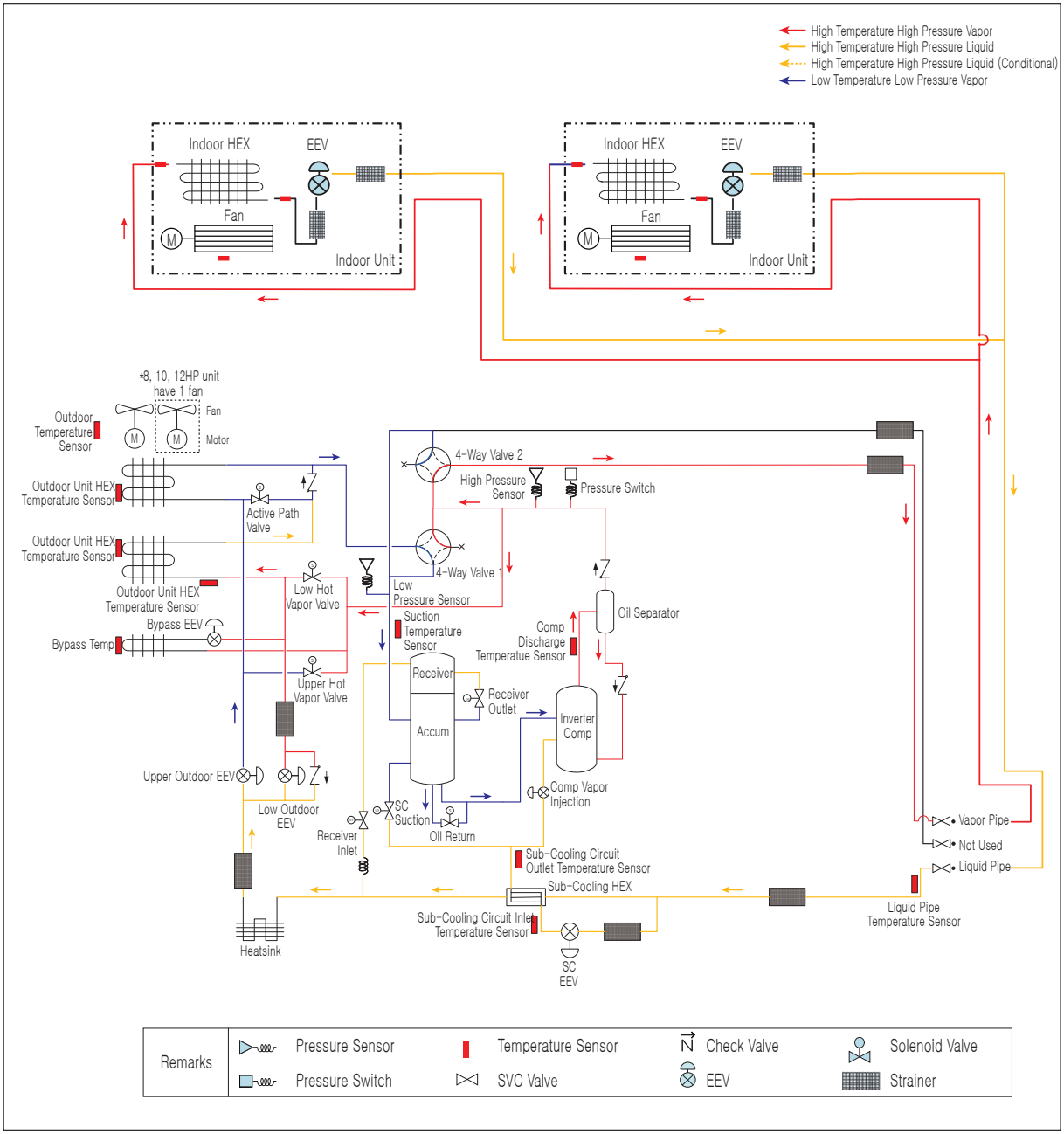


2. ARUM100LTE6

2.5.4 Heat Pump : Upper HEX Defrost

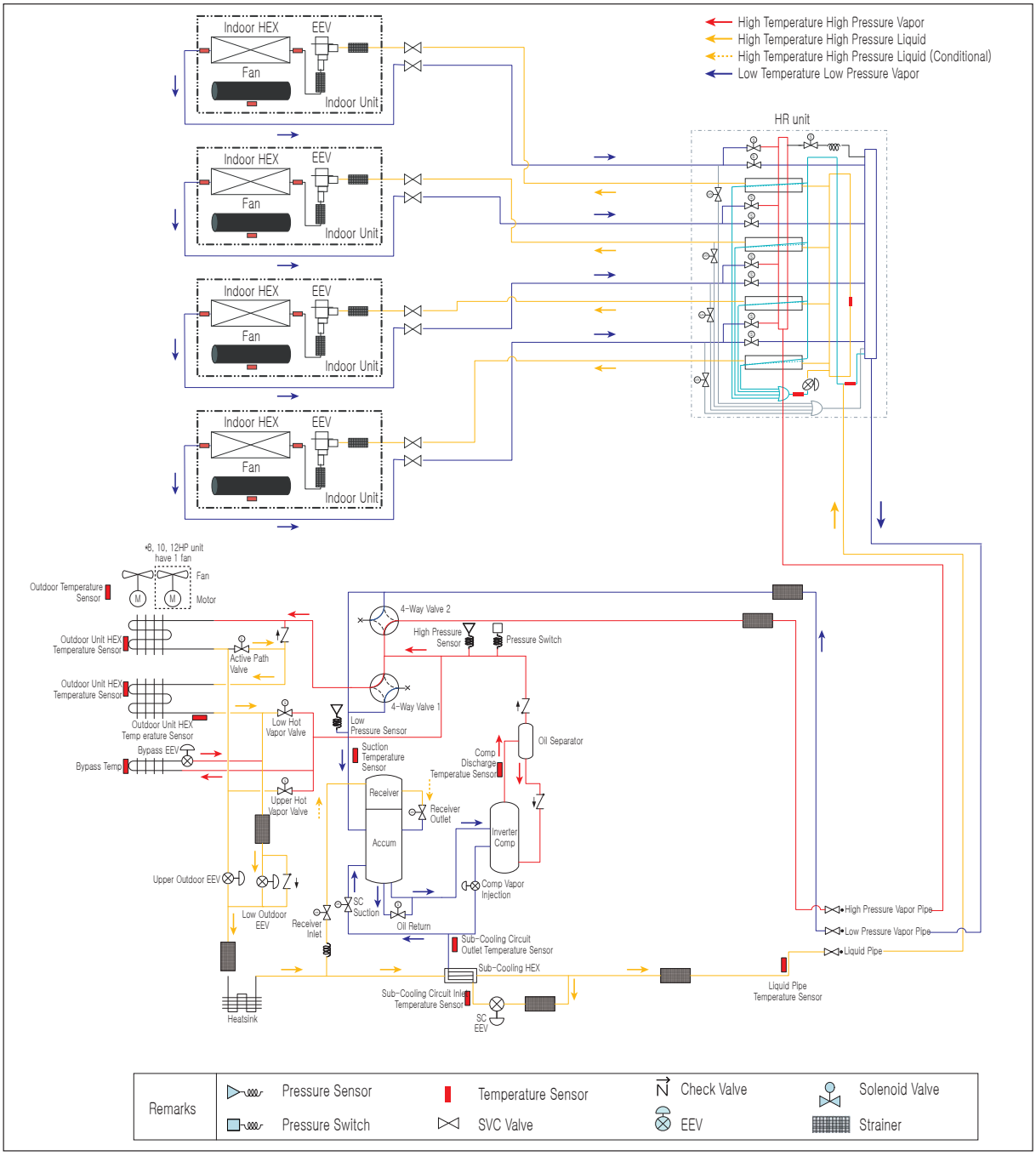


2.5.5 Heat Pump : Lower HEX Defrost

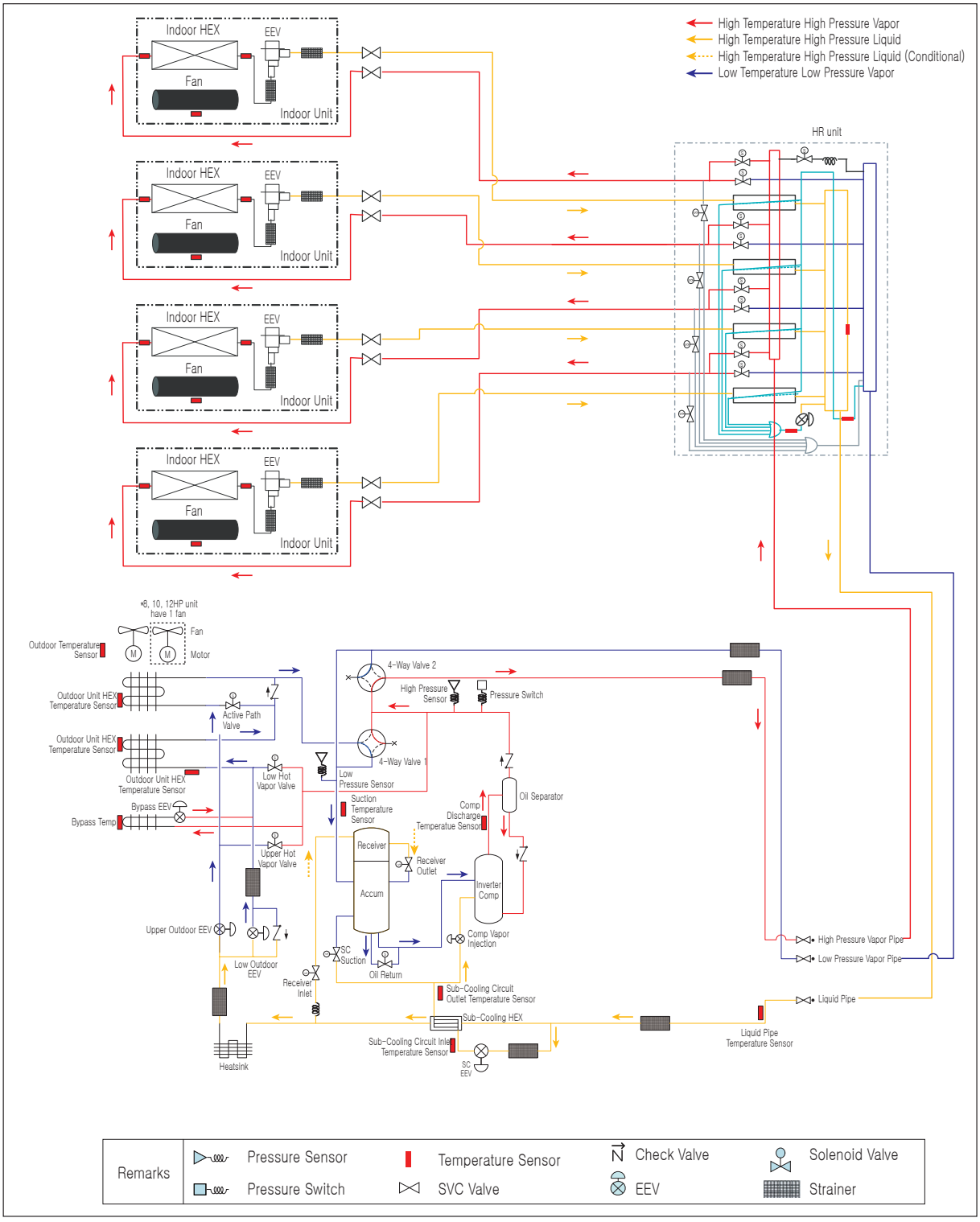


2. ARUM100LTE6

2.5.6 Heat Recovery : Cooling

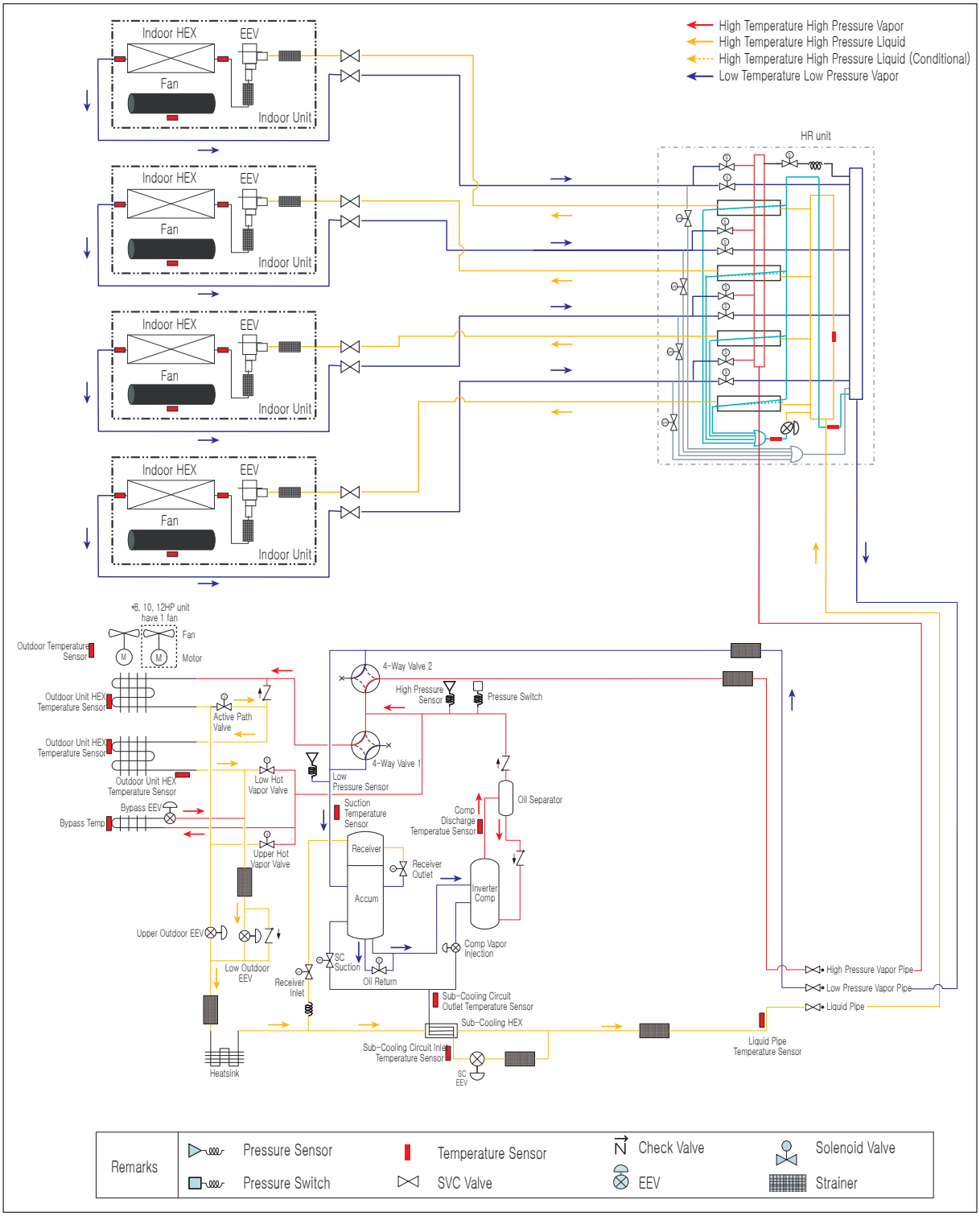


2.5.7 Heat Recovery : Heating



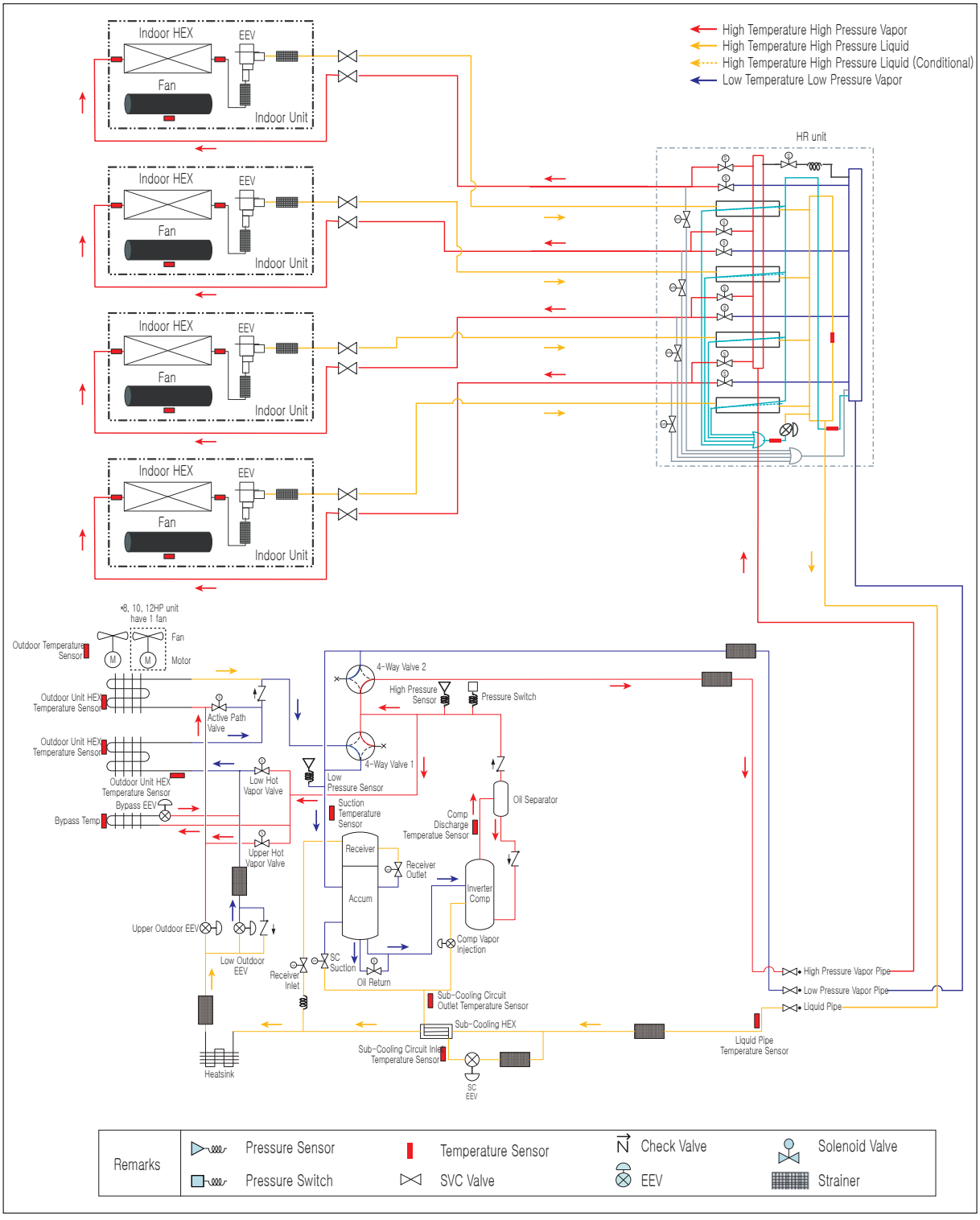
2. ARUM100LTE6

2.5.8 Heat Recovery : Defrost / Oil Return



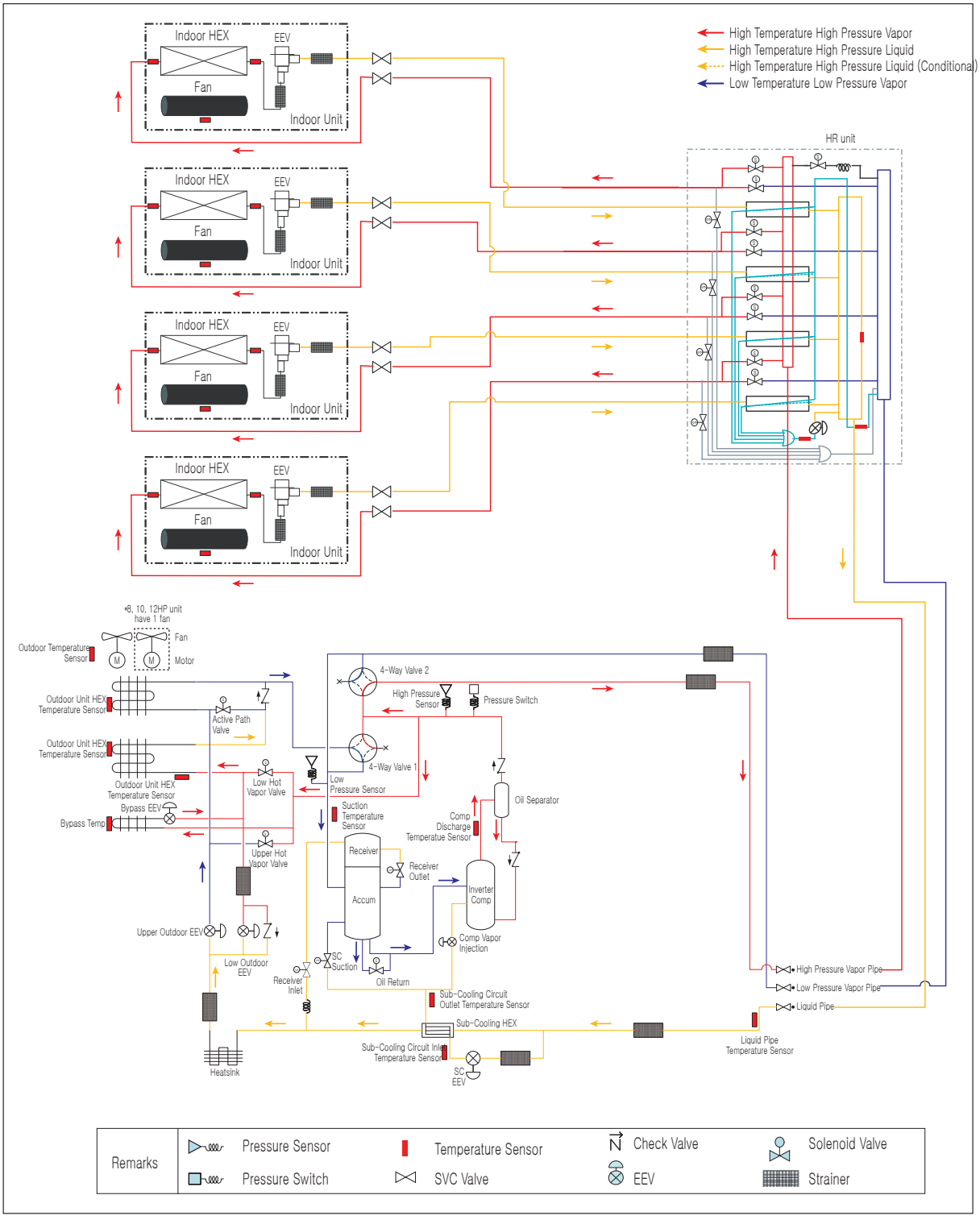
2. ARUM100LTE6

2.5.9 Heat Recovery : Upper HEX Defrost

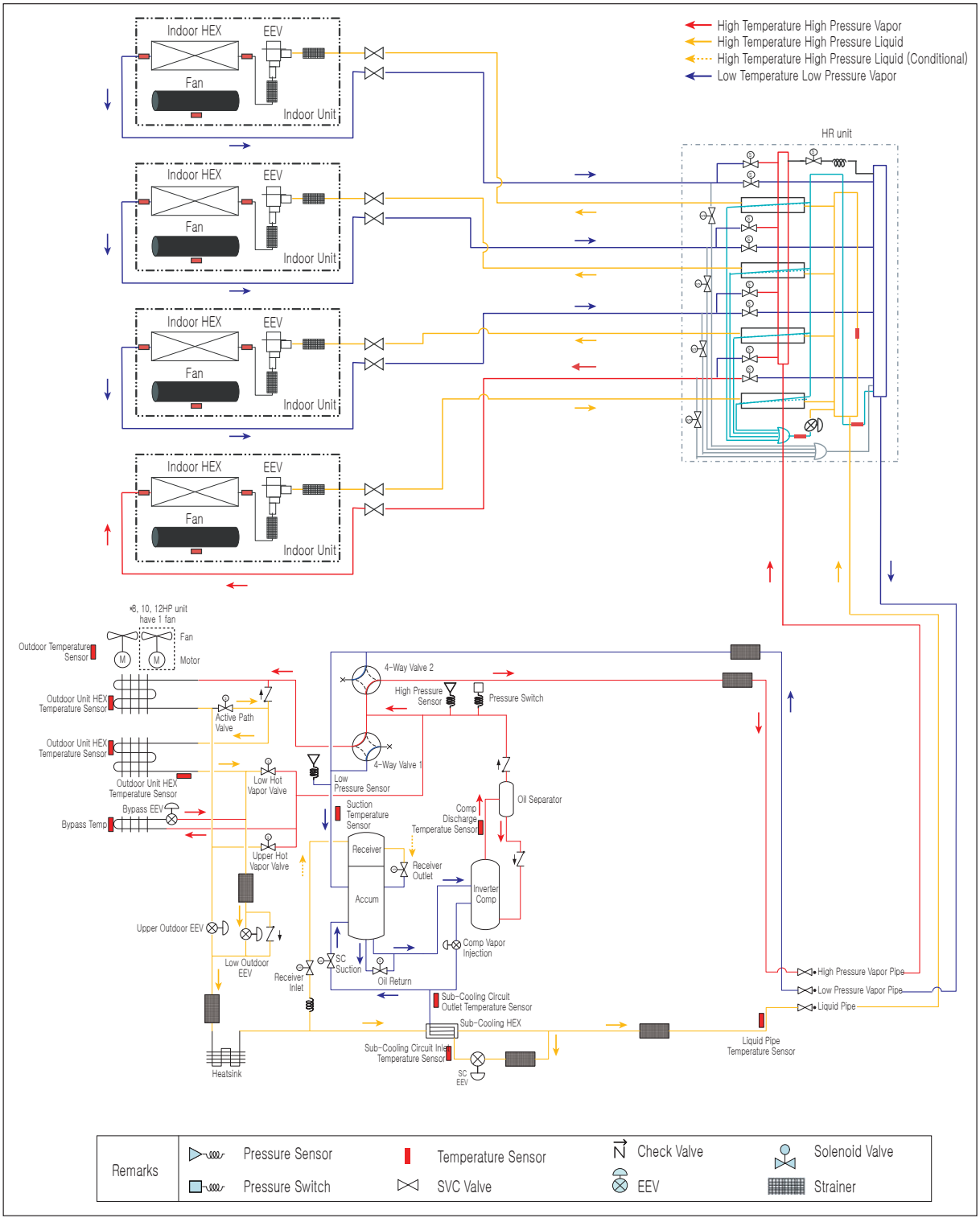


2. ARUM100LTE6

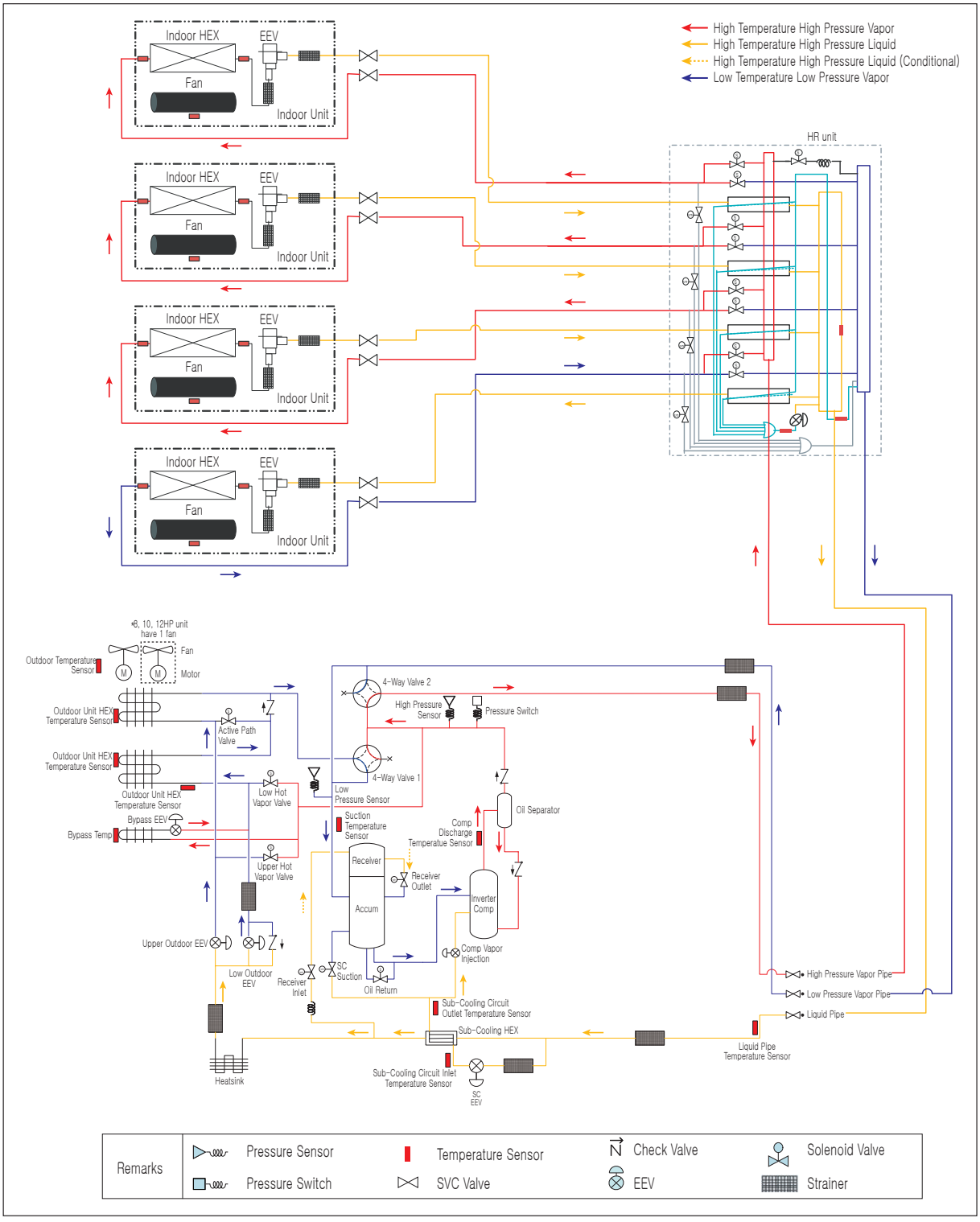
2.5.10 Heat Recovery : Lower HEX Defrost



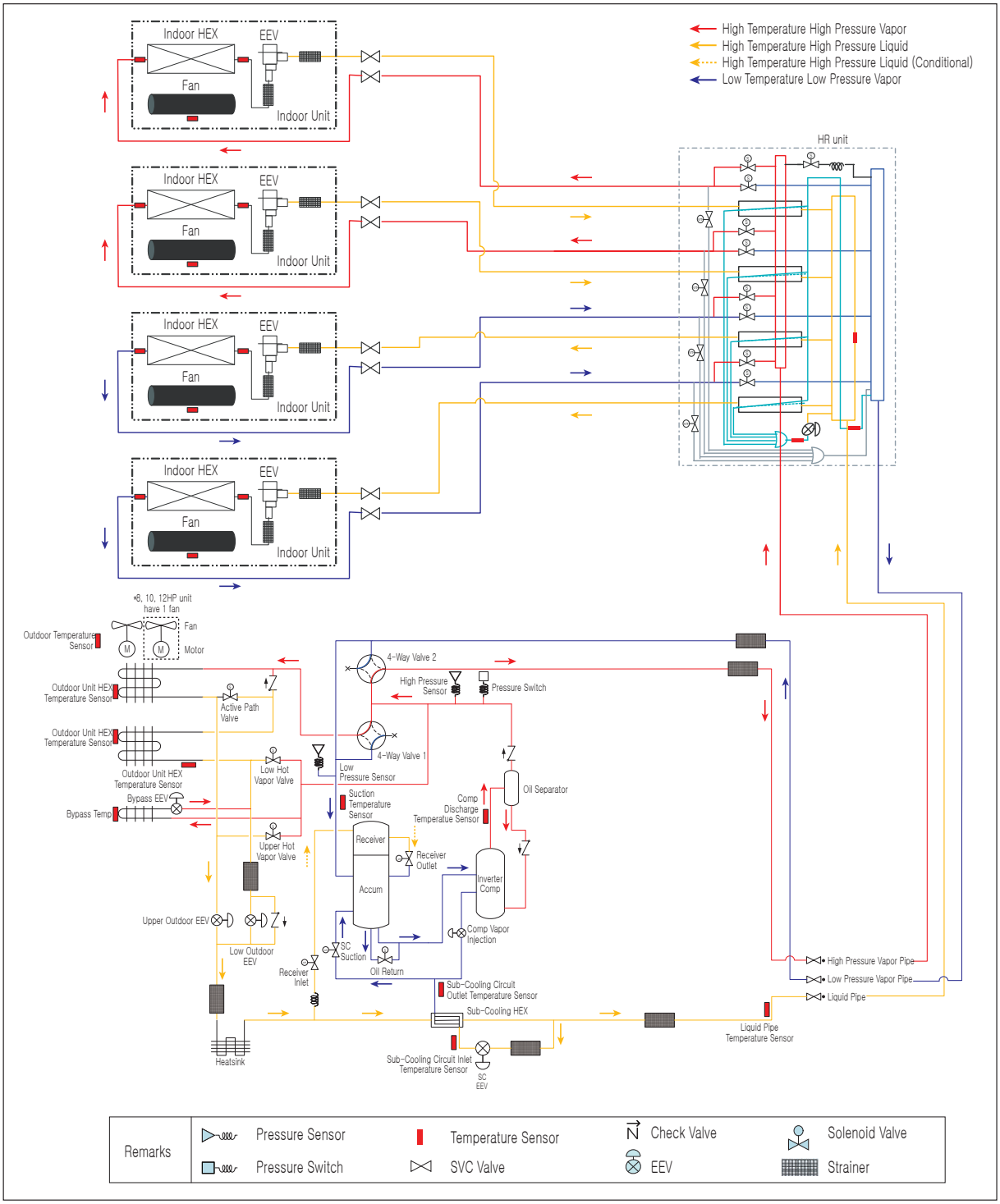
2.5.11 Heat Recovery : Cooling-based Simultaneous Operation



2.5.12 Heat Recovery : Heating-based Simultaneous Operation

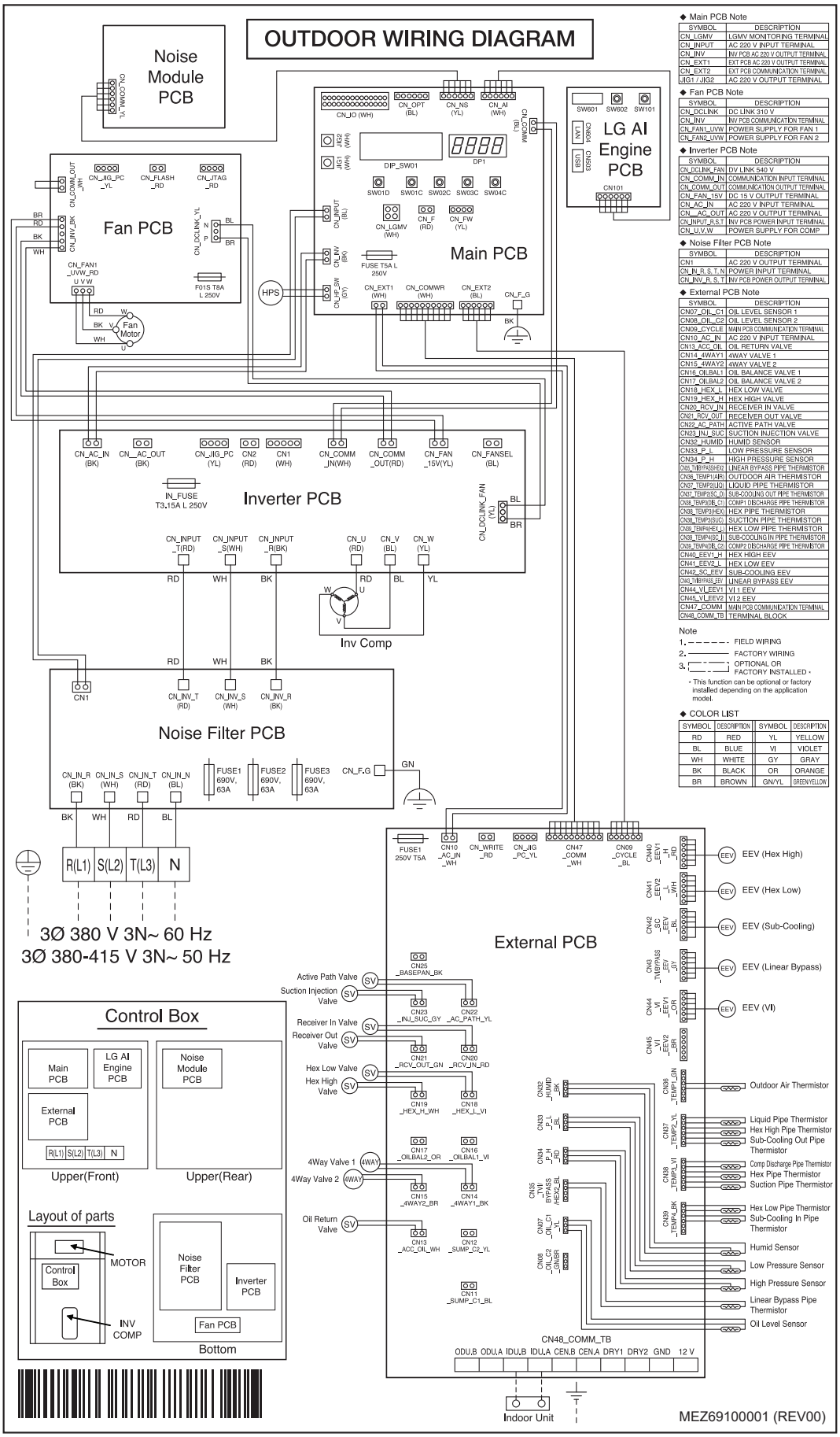


2.5.13 Heat Recovery : Balanced Simultaneous Operation



2. ARUM100LTE6

2.6 Wiring Diagrams



2. ARUM100LTE6

2.7 Capacity Tables

2.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	21.90	2.19	27.60	2.93	33.80	4.14	36.40	4.81	39.30	5.70	41.80	6.40	43.80	6.98
	12	21.90	2.38	27.60	3.22	33.80	4.55	36.40	5.28	39.30	6.22	41.80	6.92	43.80	7.50
	14	21.90	2.59	27.60	3.54	33.80	5.00	36.40	5.78	39.30	6.75	41.80	7.47	43.80	8.06
	16	21.90	2.83	27.60	3.89	33.80	5.50	36.40	6.34	39.30	7.32	41.80	8.07	43.80	8.66
	18	21.90	3.09	27.60	4.28	33.80	6.04	36.40	6.94	39.30	7.95	41.80	8.71	43.80	9.32
	20	21.90	3.38	27.60	4.71	33.80	6.63	36.40	7.61	39.30	8.61	41.80	9.41	43.80	9.99
	21	21.90	3.54	27.60	4.94	33.80	6.94	36.40	7.96	39.30	8.97	41.80	9.69	43.80	10.19
	23	21.90	3.87	27.60	5.42	33.80	7.61	36.40	8.62	39.30	9.45	41.80	10.12	43.80	10.61
	25	21.90	4.25	27.60	5.96	33.80	8.11	36.40	9.09	39.30	9.91	41.80	10.58	43.80	11.07
	27	21.90	4.66	27.60	6.38	33.80	8.61	36.40	9.56	39.30	10.40	41.80	11.08	43.80	11.58
	29	21.90	4.98	27.60	6.78	33.80	9.15	36.40	10.07	39.30	10.93	41.80	11.63	43.80	12.14
	31	21.90	5.30	27.60	7.22	33.80	9.73	36.40	10.61	39.30	11.50	41.80	12.23	43.80	12.76
	33	21.90	5.64	27.60	7.68	33.80	10.34	36.40	11.19	39.30	12.13	41.80	12.90	43.30	13.34
	35	21.90	6.00	27.60	8.17	33.80	10.92	36.40	11.82	39.30	12.82	40.30	13.14	40.20	13.13
	37	21.90	6.39	27.60	8.71	33.80	11.54	36.40	12.51	37.20	12.81	37.20	12.83	37.20	12.82
	39	21.90	6.80	27.60	9.28	33.80	12.23	34.30	12.43	34.30	12.42	34.30	12.43	34.30	12.42
	41	21.90	7.24	27.60	9.91	31.50	12.00	31.40	11.99	31.40	11.98	31.40	11.99	31.40	11.98
	43	21.90	7.71	27.60	10.59	28.70	11.22	28.70	11.21	28.70	11.24	28.70	11.21	28.70	11.22
	46	21.90	8.49	24.90	10.07	24.80	10.04	24.80	10.05	24.80	10.04	24.80	10.06	24.80	10.05
	48	21.90	9.05	22.40	9.37	22.40	9.35	22.40	9.35	22.40	9.35	22.40	9.37	22.40	9.34
	50	20.20	8.75	20.20	8.75	20.20	8.73	20.20	8.73	20.20	8.73	20.10	8.73	20.10	8.72
	52	18.10	8.18	18.10	8.18	18.10	8.18	18.10	8.18	18.10	8.17	18.10	8.18	18.00	8.17
120	10	20.20	2.03	25.50	2.62	31.20	3.57	33.60	4.09	36.30	4.78	38.60	5.47	40.40	6.01
	12	20.20	2.19	25.50	2.87	31.20	3.93	33.60	4.50	36.30	5.25	38.60	5.98	40.40	6.51
	14	20.20	2.37	25.50	3.15	31.20	4.33	33.60	4.95	36.30	5.75	38.60	6.53	40.40	7.06
	16	20.20	2.58	25.50	3.45	31.20	4.76	33.60	5.44	36.30	6.31	38.60	7.11	40.40	7.64
	18	20.20	2.81	25.50	3.79	31.20	5.23	33.60	5.97	36.30	6.91	38.60	7.73	40.40	8.27
	20	20.20	3.06	25.50	4.17	31.20	5.75	33.60	6.56	36.30	7.57	38.60	8.39	40.40	8.96
	21	20.20	3.20	25.50	4.37	31.20	6.03	33.60	6.87	36.30	7.92	38.60	8.74	40.40	9.31
	23	20.20	3.50	25.50	4.80	31.20	6.62	33.60	7.53	36.30	8.58	38.60	9.25	40.40	9.74
	25	20.20	3.83	25.50	5.27	31.20	7.17	33.60	8.03	36.30	9.06	38.60	9.71	40.40	10.20
	27	20.20	4.19	25.50	5.71	31.20	7.61	33.60	8.53	36.30	9.53	38.60	10.20	40.40	10.70
	29	20.20	4.52	25.50	6.07	31.20	8.09	33.60	9.07	36.30	10.04	38.60	10.72	40.40	11.24
	31	20.20	4.81	25.50	6.46	31.20	8.61	33.60	9.64	36.30	10.58	38.60	11.28	40.40	11.82
	33	20.20	5.12	25.50	6.88	31.20	9.16	33.60	10.27	36.30	11.16	38.60	11.90	40.40	12.47
	35	20.20	5.45	25.50	7.32	31.20	9.76	33.60	10.85	36.30	11.78	38.60	12.57	40.30	13.14
	37	20.20	5.80	25.50	7.79	31.20	10.42	33.60	11.47	36.30	12.47	37.20	12.82	37.20	12.82
	39	20.20	6.17	25.50	8.30	31.20	11.14	33.60	12.15	34.30	12.43	34.30	12.42	34.30	12.42
	41	20.20	6.57	25.50	8.85	31.20	11.88	31.50	11.99	31.40	11.98	31.40	11.97	31.40	11.99
	43	20.20	6.99	25.50	9.44	28.70	11.21	28.70	11.24	28.70	11.23	28.70	11.21	28.70	11.23
	46	20.20	7.69	24.80	10.05	24.80	10.04	24.80	10.04	24.80	10.07	24.80	10.06	24.80	10.06
	48	20.20	8.19	22.40	9.36	22.40	9.35	22.40	9.35	22.40	9.34	22.40	9.34	22.40	9.37
	50	20.20	8.73	20.20	8.74	20.20	8.73	20.10	8.72	20.20	8.73	20.20	8.73	20.10	8.72
	52	18.10	8.19	18.10	8.19	18.10	8.17	18.10	8.19	18.10	8.17	18.00	8.16	18.00	8.17
110	10	18.50	1.89	23.40	2.35	28.60	3.09	30.80	3.49	33.30	4.02	35.40	4.54	37.00	4.99
	12	18.50	2.03	23.40	2.56	28.60	3.40	30.80	3.84	33.30	4.42	35.40	4.98	37.00	5.47
	14	18.50	2.19	23.40	2.80	28.60	3.74	30.80	4.23	33.30	4.86	35.40	5.47	37.00	5.99

2. ARUM100LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	18.50	2.36	23.40	3.07	28.60	4.11	30.80	4.65	33.30	5.34	35.40	6.00	37.00	6.56
	18	18.50	2.56	23.40	3.36	28.60	4.52	30.80	5.12	33.30	5.87	35.40	6.58	37.00	7.18
	20	18.50	2.78	23.40	3.69	28.60	4.97	30.80	5.63	33.30	6.44	35.40	7.21	37.00	7.86
	21	18.50	2.90	23.40	3.86	28.60	5.22	30.80	5.90	33.30	6.75	35.40	7.55	37.00	8.23
	23	18.50	3.16	23.40	4.24	28.60	5.73	30.80	6.48	33.30	7.40	35.40	8.23	37.00	8.82
	25	18.50	3.45	23.40	4.65	28.60	6.30	30.80	7.03	33.30	7.91	35.40	8.73	37.00	9.27
	27	18.50	3.77	23.40	5.09	28.60	6.70	30.80	7.47	33.30	8.40	35.40	9.26	37.00	9.75
	29	18.50	4.09	23.40	5.42	28.60	7.13	30.80	7.94	33.30	8.93	35.40	9.76	37.00	10.26
	31	18.50	4.35	23.40	5.76	28.60	7.58	30.80	8.45	33.30	9.50	35.40	10.29	37.00	10.80
	33	18.50	4.62	23.40	6.13	28.60	8.07	30.80	8.99	33.30	10.12	35.40	10.86	37.00	11.39
	35	18.50	4.92	23.40	6.53	28.60	8.59	30.80	9.58	33.30	10.74	35.40	11.47	37.00	12.04
	37	18.50	5.24	23.40	6.95	28.60	9.15	30.80	10.22	33.30	11.35	35.40	12.13	37.00	12.74
	39	18.50	5.57	23.40	7.40	28.60	9.76	30.80	10.92	33.30	12.02	34.30	12.43	34.30	12.43
	41	18.50	5.93	23.40	7.88	28.60	10.43	30.80	11.69	31.40	11.98	31.50	11.99	31.50	11.99
	43	18.50	6.32	23.40	8.40	28.60	11.16	28.70	11.24	28.70	11.23	28.70	11.22	28.70	11.21
	46	18.50	6.94	23.40	9.25	24.80	10.05	24.80	10.05	24.80	10.07	24.80	10.04	24.80	10.04
	48	18.50	7.39	22.50	9.38	22.40	9.36	22.40	9.35	22.40	9.37	22.40	9.37	22.40	9.37
	50	18.50	7.87	20.20	8.75	20.20	8.73	20.20	8.72	20.20	8.74	20.20	8.75	20.20	8.74
	52	18.10	8.19	18.10	8.18	18.10	8.17	18.10	8.17	18.10	8.19	18.10	8.17	18.00	8.16
100	10	16.80	1.77	21.20	2.13	26.00	2.69	28.00	2.99	30.20	3.38	32.20	3.77	33.70	4.11
	12	16.80	1.89	21.20	2.31	26.00	2.95	28.00	3.29	30.20	3.73	32.20	4.15	33.70	4.52
	14	16.80	2.02	21.20	2.51	26.00	3.23	28.00	3.61	30.20	4.10	32.20	4.57	33.70	4.97
	16	16.80	2.17	21.20	2.73	26.00	3.55	28.00	3.98	30.20	4.51	32.20	5.02	33.70	5.46
	18	16.80	2.33	21.20	2.98	26.00	3.90	28.00	4.37	30.20	4.96	32.20	5.52	33.70	5.99
	20	16.80	2.52	21.20	3.26	26.00	4.29	28.00	4.81	30.20	5.46	32.20	6.07	33.70	6.58
	21	16.80	2.63	21.20	3.41	26.00	4.50	28.00	5.04	30.20	5.72	32.20	6.36	33.70	6.89
	23	16.80	2.85	21.20	3.73	26.00	4.94	28.00	5.54	30.20	6.28	32.20	6.98	33.70	7.56
	25	16.80	3.10	21.20	4.09	26.00	5.43	28.00	6.09	30.20	6.84	32.20	7.51	33.70	8.06
	27	16.80	3.38	21.20	4.48	26.00	5.86	28.00	6.50	30.20	7.27	32.20	7.98	33.70	8.56
	29	16.80	3.68	21.20	4.81	26.00	6.24	28.00	6.91	30.20	7.73	32.20	8.48	33.70	9.09
	31	16.80	3.92	21.20	5.11	26.00	6.64	28.00	7.36	30.20	8.22	32.20	9.02	33.70	9.67
	33	16.80	4.16	21.20	5.44	26.00	7.06	28.00	7.83	30.20	8.75	32.20	9.60	33.70	10.29
	35	16.80	4.42	21.20	5.79	26.00	7.52	28.00	8.33	30.20	9.32	32.20	10.23	33.70	10.87
	37	16.80	4.71	21.20	6.16	26.00	8.00	28.00	8.88	30.20	9.94	32.20	10.93	33.70	11.50
	39	16.80	5.01	21.20	6.56	26.00	8.53	28.00	9.46	30.20	10.62	32.20	11.59	33.70	12.18
	41	16.80	5.33	21.20	6.99	26.00	9.09	28.00	10.10	30.20	11.36	31.50	11.99	31.40	11.97
	43	16.80	5.68	21.20	7.44	26.00	9.70	28.00	10.80	28.70	11.24	28.70	11.22	28.70	11.22
	46	16.80	6.24	21.20	8.18	24.90	10.07	24.80	10.06	24.80	10.05	24.80	10.06	24.80	10.04
	48	16.80	6.65	21.20	8.72	22.40	9.35	22.40	9.35	22.40	9.37	22.40	9.37	22.40	9.35
	50	16.80	7.08	20.20	8.73	20.20	8.73	20.20	8.73	20.20	8.75	20.20	8.72	20.20	8.73
	52	16.80	7.54	18.10	8.20	18.10	8.19	18.10	8.17	18.10	8.19	18.10	8.17	18.10	8.17
90	10	15.10	1.50	19.10	1.94	23.40	2.35	25.20	2.58	27.20	2.87	28.90	3.15	30.30	3.39
	12	15.10	1.77	19.10	2.09	23.40	2.57	25.20	2.82	27.20	3.15	28.90	3.46	30.30	3.74
	14	15.10	1.87	19.10	2.25	23.40	2.81	25.20	3.10	27.20	3.46	28.90	3.81	30.30	4.11
	16	15.10	2.00	19.10	2.44	23.40	3.07	25.20	3.40	27.20	3.81	28.90	4.20	30.30	4.53
	18	15.10	2.14	19.10	2.65	23.40	3.37	25.20	3.73	27.20	4.19	28.90	4.62	30.30	4.98
	20	15.10	2.29	19.10	2.88	23.40	3.69	25.20	4.10	27.20	4.60	28.90	5.08	30.30	5.47
	21	15.10	2.38	19.10	3.00	23.40	3.87	25.20	4.30	27.20	4.83	28.90	5.32	30.30	5.74
	23	15.10	2.57	19.10	3.28	23.40	4.24	25.20	4.72	27.20	5.30	28.90	5.85	30.30	6.30
	25	15.10	2.78	19.10	3.58	23.40	4.66	25.20	5.18	27.20	5.83	28.90	6.41	30.30	6.86
	27	15.10	3.02	19.10	3.92	23.40	5.10	25.20	5.62	27.20	6.25	28.90	6.82	30.30	7.29

2. ARUM100LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	15.10	3.28	19.10	4.24	23.40	5.42	25.20	5.98	27.20	6.65	28.90	7.25	30.30	7.75
	31	15.10	3.51	19.10	4.51	23.40	5.77	25.20	6.36	27.20	7.07	28.90	7.72	30.30	8.24
	33	15.10	3.73	19.10	4.80	23.40	6.14	25.20	6.77	27.20	7.53	28.90	8.21	30.30	8.77
	35	15.10	3.96	19.10	5.11	23.40	6.54	25.20	7.21	27.20	8.01	28.90	8.74	30.30	9.35
	37	15.10	4.21	19.10	5.43	23.40	6.96	25.20	7.67	27.20	8.53	28.90	9.32	30.30	9.97
	39	15.10	4.48	19.10	5.78	23.40	7.41	25.20	8.17	27.20	9.09	28.90	9.94	30.30	10.64
	41	15.10	4.77	19.10	6.16	23.40	7.89	25.20	8.71	27.20	9.70	28.90	10.62	30.30	11.39
	43	15.10	5.08	19.10	6.56	23.40	8.41	25.20	9.29	27.20	10.36	28.70	11.24	28.70	11.23
	46	15.10	5.58	19.10	7.21	23.40	9.26	24.80	10.05	24.90	10.06	24.80	10.06	24.90	10.07
	48	15.10	5.95	19.10	7.67	22.50	9.38	22.50	9.37	22.40	9.36	22.40	9.36	22.40	9.35
	50	15.10	6.33	19.10	8.18	20.20	8.73	20.20	8.73	20.20	8.74	20.20	8.75	20.20	8.73
	52	15.10	6.75	18.10	8.19	18.10	8.19	18.10	8.19	18.10	8.18	18.10	8.19	18.10	8.19
80	10	13.50	1.26	17.00	1.78	20.80	2.08	22.40	2.24	24.20	2.45	25.70	2.65	26.90	2.82
	12	13.50	1.66	17.00	1.90	20.80	2.26	22.40	2.44	24.20	2.68	25.70	2.90	26.90	3.10
	14	13.50	1.75	17.00	2.03	20.80	2.45	22.40	2.66	24.20	2.93	25.70	3.19	26.90	3.41
	16	13.50	1.85	17.00	2.19	20.80	2.66	22.40	2.91	24.20	3.21	25.70	3.50	26.90	3.75
	18	13.50	1.96	17.00	2.36	20.80	2.91	22.40	3.18	24.20	3.52	25.70	3.85	26.90	4.12
	20	13.50	2.09	17.00	2.55	20.80	3.17	22.40	3.48	24.20	3.87	25.70	4.23	26.90	4.53
	21	13.50	2.16	17.00	2.65	20.80	3.32	22.40	3.65	24.20	4.05	25.70	4.43	26.90	4.75
	23	13.50	2.32	17.00	2.88	20.80	3.63	22.40	4.00	24.20	4.45	25.70	4.87	26.90	5.22
	25	13.50	2.50	17.00	3.13	20.80	3.98	22.40	4.38	24.20	4.88	25.70	5.35	26.90	5.73
	27	13.50	2.70	17.00	3.41	20.80	4.36	22.40	4.81	24.20	5.33	25.70	5.78	26.90	6.16
	29	13.50	2.92	17.00	3.73	20.80	4.68	22.40	5.13	24.20	5.67	25.70	6.15	26.90	6.55
	31	13.50	3.14	17.00	3.96	20.80	4.98	22.40	5.46	24.20	6.03	25.70	6.55	26.90	6.97
	33	13.50	3.33	17.00	4.21	20.80	5.30	22.40	5.81	24.20	6.42	25.70	6.97	26.90	7.41
	35	13.50	3.53	17.00	4.47	20.80	5.64	22.40	6.18	24.20	6.83	25.70	7.41	26.90	7.89
	37	13.50	3.75	17.00	4.76	20.80	6.01	22.40	6.58	24.20	7.27	25.70	7.89	26.90	8.40
	39	13.50	3.99	17.00	5.07	20.80	6.39	22.40	7.01	24.20	7.74	25.70	8.41	26.90	8.96
	41	13.50	4.24	17.00	5.39	20.80	6.81	22.40	7.46	24.20	8.25	25.70	8.96	26.90	9.55
	43	13.50	4.52	17.00	5.74	20.80	7.25	22.40	7.95	24.20	8.79	25.70	9.56	26.90	10.20
	46	13.50	4.97	17.00	6.31	20.80	7.97	22.40	8.75	24.20	9.69	24.90	10.06	24.80	10.05
	48	13.50	5.29	17.00	6.72	20.80	8.49	22.40	9.33	22.50	9.37	22.40	9.36	22.40	9.35
	50	13.50	5.64	17.00	7.15	20.20	8.75	20.20	8.74	20.20	8.74	20.20	8.74	20.20	8.74
	52	13.50	6.01	17.00	7.62	18.10	8.18	18.10	8.18	18.10	8.19	18.10	8.18	18.10	8.18
70	10	11.80	1.07	14.90	1.46	18.20	1.87	19.60	1.98	21.20	2.12	22.50	2.26	23.60	2.37
	12	11.80	1.57	14.90	1.75	18.20	2.00	19.60	2.13	21.20	2.30	22.50	2.46	23.60	2.59
	14	11.80	1.64	14.90	1.85	18.20	2.15	19.60	2.30	21.20	2.50	22.50	2.68	23.60	2.83
	16	11.80	1.72	14.90	1.97	18.20	2.32	19.60	2.50	21.20	2.72	22.50	2.93	23.60	3.10
	18	11.80	1.81	14.90	2.11	18.20	2.51	19.60	2.72	21.20	2.97	22.50	3.20	23.60	3.40
	20	11.80	1.91	14.90	2.26	18.20	2.73	19.60	2.96	21.20	3.24	22.50	3.51	23.60	3.73
	21	11.80	1.97	14.90	2.34	18.20	2.85	19.60	3.09	21.20	3.39	22.50	3.67	23.60	3.91
	23	11.80	2.10	14.90	2.53	18.20	3.10	19.60	3.38	21.20	3.71	22.50	4.03	23.60	4.29
	25	11.80	2.24	14.90	2.73	18.20	3.38	19.60	3.69	21.20	4.07	22.50	4.42	23.60	4.70
	27	11.80	2.41	14.90	2.97	18.20	3.69	19.60	4.04	21.20	4.46	22.50	4.84	23.60	5.15
	29	11.80	2.59	14.90	3.22	18.20	4.01	19.60	4.37	21.20	4.79	22.50	5.16	23.60	5.47
	31	11.80	2.80	14.90	3.45	18.20	4.27	19.60	4.64	21.20	5.09	22.50	5.50	23.60	5.83
	33	11.80	2.96	14.90	3.66	18.20	4.54	19.60	4.94	21.20	5.42	22.50	5.85	23.60	6.20
	35	11.80	3.13	14.90	3.89	18.20	4.83	19.60	5.26	21.20	5.77	22.50	6.23	23.60	6.60
	37	11.80	3.32	14.90	4.14	18.20	5.13	19.60	5.59	21.20	6.14	22.50	6.63	23.60	7.02
	39	11.80	3.53	14.90	4.40	18.20	5.47	19.60	5.95	21.20	6.53	22.50	7.05	23.60	7.48
	41	11.80	3.75	14.90	4.68	18.20	5.82	19.60	6.34	21.20	6.96	22.50	7.51	23.60	7.97

2. ARUM100LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	11.80	3.99	14.90	4.99	18.20	6.19	19.60	6.75	21.20	7.41	22.50	8.00	23.60	8.49
	46	11.80	4.39	14.90	5.48	18.20	6.81	19.60	7.42	21.20	8.15	22.50	8.81	23.60	9.35
	48	11.80	4.68	14.90	5.84	18.20	7.25	19.60	7.90	21.20	8.68	22.40	9.36	22.50	9.38
	50	11.80	4.99	14.90	6.22	18.20	7.72	19.60	8.42	20.20	8.73	20.20	8.74	20.20	8.74
	52	11.80	5.32	14.90	6.62	18.10	8.19	18.10	8.19	18.10	8.18	18.10	8.17	18.10	8.19
60	10	10.10	0.87	12.70	1.18	15.60	1.58	16.80	1.77	18.10	1.86	19.30	1.95	20.20	2.03
	12	10.10	1.39	12.70	1.62	15.60	1.80	16.80	1.89	18.10	2.00	19.30	2.10	20.20	2.19
	14	10.10	1.50	12.70	1.70	15.60	1.91	16.80	2.02	18.10	2.15	19.30	2.27	20.20	2.38
	16	10.10	1.57	12.70	1.79	15.60	2.04	16.80	2.16	18.10	2.32	19.30	2.46	20.20	2.58
	18	10.10	1.64	12.70	1.89	15.60	2.19	16.80	2.33	18.10	2.51	19.30	2.67	20.20	2.81
	20	10.10	1.73	12.70	2.01	15.60	2.35	16.80	2.52	18.10	2.72	19.30	2.91	20.20	3.06
	21	10.10	1.77	12.70	2.08	15.60	2.44	16.80	2.62	18.10	2.84	19.30	3.04	20.20	3.20
	23	10.10	1.88	12.70	2.22	15.60	2.64	16.80	2.84	18.10	3.09	19.30	3.31	20.20	3.50
	25	10.10	2.00	12.70	2.38	15.60	2.86	16.80	3.09	18.10	3.37	19.30	3.62	20.20	3.83
	27	10.10	2.13	12.70	2.57	15.60	3.11	16.80	3.37	18.10	3.68	19.30	3.96	20.20	4.19
	29	10.10	2.29	12.70	2.78	15.60	3.39	16.80	3.68	18.10	4.00	19.30	4.29	20.20	4.52
	31	10.10	2.47	12.70	2.99	15.60	3.62	16.80	3.91	18.10	4.25	19.30	4.56	20.20	4.81
	33	10.10	2.61	12.70	3.17	15.60	3.84	16.80	4.15	18.10	4.52	19.30	4.85	20.20	5.12
	35	10.10	2.76	12.70	3.36	15.60	4.08	16.80	4.42	18.10	4.81	19.30	5.16	20.20	5.45
	37	10.10	2.92	12.70	3.56	15.60	4.34	16.80	4.70	18.10	5.12	19.30	5.49	20.20	5.80
	39	10.10	3.10	12.70	3.79	15.60	4.62	16.80	5.00	18.10	5.45	19.30	5.85	20.20	6.17
	41	10.10	3.29	12.70	4.03	15.60	4.92	16.80	5.32	18.10	5.80	19.30	6.23	20.20	6.57
	43	10.10	3.50	12.70	4.29	15.60	5.24	16.80	5.67	18.10	6.18	19.30	6.63	20.20	7.00
	46	10.10	3.85	12.70	4.72	15.60	5.76	16.80	6.23	18.10	6.79	19.30	7.28	20.20	7.69
	48	10.10	4.10	12.70	5.03	15.60	6.13	16.80	6.63	18.10	7.23	19.30	7.76	20.20	8.19
	50	10.10	4.38	12.70	5.36	15.60	6.53	16.80	7.06	18.10	7.70	19.30	8.27	20.20	8.74
	52	10.10	4.67	12.70	5.71	15.60	6.95	16.80	7.52	18.10	8.19	18.10	8.19	18.10	8.18
50	10	8.40	0.69	10.60	0.94	13.00	1.21	14.00	1.33	15.10	1.50	16.10	1.66	16.80	1.77
	12	8.40	0.97	10.60	1.49	13.00	1.64	14.00	1.69	15.10	1.76	16.10	1.83	16.80	1.89
	14	8.40	1.36	10.60	1.55	13.00	1.72	14.00	1.79	15.10	1.87	16.10	1.95	16.80	2.02
	16	8.40	1.41	10.60	1.62	13.00	1.81	14.00	1.89	15.10	1.99	16.10	2.09	16.80	2.17
	18	8.40	1.47	10.60	1.70	13.00	1.92	14.00	2.01	15.10	2.13	16.10	2.24	16.80	2.34
	20	8.40	1.54	10.60	1.79	13.00	2.04	14.00	2.15	15.10	2.29	16.10	2.42	16.80	2.52
	21	8.40	1.57	10.60	1.84	13.00	2.11	14.00	2.23	15.10	2.38	16.10	2.51	16.80	2.63
	23	8.40	1.66	10.60	1.95	13.00	2.25	14.00	2.40	15.10	2.57	16.10	2.72	16.80	2.85
	25	8.40	1.75	10.60	2.08	13.00	2.42	14.00	2.58	15.10	2.78	16.10	2.95	16.80	3.10
	27	8.40	1.86	10.60	2.22	13.00	2.61	14.00	2.80	15.10	3.02	16.10	3.21	16.80	3.38
	29	8.40	1.99	10.60	2.39	13.00	2.83	14.00	3.03	15.10	3.28	16.10	3.50	16.80	3.68
	31	8.40	2.13	10.60	2.57	13.00	3.05	14.00	3.26	15.10	3.51	16.10	3.74	16.80	3.92
	33	8.40	2.26	10.60	2.72	13.00	3.22	14.00	3.45	15.10	3.72	16.10	3.97	16.80	4.16
	35	8.40	2.38	10.60	2.87	13.00	3.42	14.00	3.66	15.10	3.96	16.10	4.22	16.80	4.43
	37	8.40	2.51	10.60	3.04	13.00	3.63	14.00	3.89	15.10	4.21	16.10	4.48	16.80	4.71
	39	8.40	2.66	10.60	3.23	13.00	3.86	14.00	4.14	15.10	4.48	16.10	4.77	16.80	5.01
	41	8.40	2.82	10.60	3.43	13.00	4.10	14.00	4.41	15.10	4.76	16.10	5.08	16.80	5.34
	43	8.40	3.00	10.60	3.65	13.00	4.37	14.00	4.69	15.10	5.07	16.10	5.41	16.80	5.68
	46	8.40	3.31	10.60	4.01	13.00	4.80	14.00	5.16	15.10	5.58	16.10	5.94	16.80	6.24
	48	8.40	3.54	10.60	4.28	13.00	5.12	14.00	5.50	15.10	5.94	16.10	6.33	16.80	6.65
	50	8.40	3.79	10.60	4.56	13.00	5.46	14.00	5.86	15.10	6.33	16.10	6.74	16.80	7.08
	52	8.40	4.06	10.60	4.87	13.00	5.81	14.00	6.24	15.10	6.74	16.10	7.18	16.80	7.54

2. ARUM100LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

2. ARUM100LTE6

2.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	6.00	0.41	9.60	0.65	13.50	0.92	14.50	0.99	15.40	1.05	16.40	1.13	17.50	1.22
	12	6.00	0.41	9.60	0.65	13.50	0.92	14.50	0.99	15.40	1.06	16.40	1.14	17.50	1.23
	14	6.00	0.41	9.60	0.65	13.50	0.93	14.50	1.00	15.40	1.07	16.40	1.15	17.50	1.25
	16	6.00	0.41	9.60	0.66	13.50	0.95	14.50	1.02	15.40	1.09	16.40	1.18	17.50	1.29
	18	6.00	0.41	9.60	0.67	13.50	0.98	14.50	1.06	15.40	1.14	16.40	1.23	17.50	1.37
	20	6.00	0.42	9.60	0.69	13.50	1.06	14.50	1.16	15.40	1.26	16.40	1.39	17.50	1.61
	21	6.70	0.51	10.30	0.83	14.30	1.36	15.20	1.52	16.10	1.70	17.10	1.87	18.10	2.00
	23	8.30	1.30	11.80	1.57	15.80	1.95	16.60	2.05	17.50	2.16	18.40	2.25	19.20	2.41
	25	9.90	1.57	13.40	1.91	17.30	2.40	18.10	2.52	19.00	2.65	19.70	2.75	20.40	2.94
	27	11.60	1.95	15.00	2.37	18.80	2.99	19.60	3.13	20.50	3.29	21.00	3.39	22.80	3.87
	29	13.30	2.45	16.60	2.97	20.40	3.71	21.20	3.86	22.00	4.03	23.30	4.32	27.00	5.37
	31	15.10	3.06	18.30	3.64	22.10	4.51	22.80	4.68	24.80	5.19	27.60	5.99	31.20	7.34
	33	16.80	3.79	20.00	4.47	23.80	5.50	26.20	6.22	29.10	7.21	31.80	8.20	35.40	9.93
	35	18.70	4.71	21.80	5.49	27.90	7.57	30.50	8.61	33.50	9.88	36.10	11.04	39.50	12.45
	37	18.70	5.01	21.80	5.85	27.90	8.06	30.50	9.17	33.50	10.55	36.10	11.69	38.20	12.70
	39	18.70	5.34	21.80	6.23	27.90	8.59	30.50	9.79	33.50	11.28	35.60	12.20	35.10	12.26
	41	18.70	5.69	21.80	6.64	27.90	9.16	30.50	10.46	32.60	11.62	32.60	11.61	32.20	11.77
	43	18.70	6.06	21.80	7.07	27.90	9.78	29.80	10.77	29.80	10.79	29.80	10.79	29.40	10.92
	46	18.70	6.66	21.80	7.78	25.80	9.67	25.80	9.67	25.80	9.67	25.80	9.67	25.40	9.78
	48	18.70	7.10	21.80	8.29	23.30	9.02	23.30	9.02	23.30	9.02	23.30	9.01	23.00	9.11
	50	18.70	7.56	21.00	8.43	21.00	8.44	21.00	8.44	21.00	8.44	21.00	8.43	20.60	8.51
	52	18.60	8.00	18.80	7.90	18.80	7.90	18.80	7.90	18.80	7.90	18.80	7.91	18.50	8.00
120	10	5.50	0.38	8.80	0.60	12.50	0.85	13.40	0.91	14.30	0.97	15.20	1.03	16.10	1.12
	12	5.50	0.38	8.80	0.60	12.50	0.85	13.40	0.91	14.30	0.98	15.20	1.04	16.10	1.12
	14	5.50	0.38	8.80	0.60	12.50	0.86	13.40	0.92	14.30	0.98	15.20	1.05	16.10	1.14
	16	5.50	0.38	8.80	0.61	12.50	0.87	13.40	0.93	14.30	1.00	15.20	1.07	16.10	1.17
	18	5.50	0.38	8.80	0.61	12.50	0.89	13.40	0.96	14.30	1.04	15.20	1.12	16.10	1.23
	20	5.50	0.39	8.80	0.63	12.50	0.96	13.40	1.04	14.30	1.13	15.20	1.23	16.10	1.42
	21	6.20	0.46	9.50	0.75	13.20	1.20	14.00	1.33	14.90	1.47	15.80	1.63	16.70	1.87
	23	7.70	1.25	10.90	1.49	14.50	1.83	15.40	1.91	16.20	2.00	16.90	2.09	17.80	2.23
	25	9.20	1.50	12.40	1.80	16.00	2.22	16.70	2.33	17.50	2.44	18.20	2.52	18.90	2.69
	27	10.70	1.83	13.80	2.20	17.40	2.74	18.10	2.86	18.90	3.00	19.40	3.09	21.10	3.49
	29	12.30	2.28	15.30	2.74	18.90	3.39	19.60	3.53	20.30	3.67	21.50	3.93	24.90	4.83
	31	13.90	2.85	16.90	3.35	20.40	4.11	21.00	4.26	22.80	4.70	25.50	5.39	28.80	6.54
	33	15.50	3.49	18.50	4.09	21.90	4.98	24.10	5.61	26.90	6.45	29.40	7.30	32.60	8.77
	35	17.30	4.31	20.10	4.99	25.70	6.79	28.20	7.68	30.90	8.76	33.30	9.81	36.50	11.40
	37	17.30	4.59	20.10	5.32	25.70	7.23	28.20	8.18	30.90	9.34	33.30	10.47	36.50	12.07
	39	17.30	4.89	20.10	5.67	25.70	7.70	28.20	8.72	30.90	9.97	33.30	11.20	35.10	12.26
	41	17.30	5.21	20.10	6.04	25.70	8.21	28.20	9.30	30.90	10.65	32.60	11.60	32.20	11.74
	43	17.30	5.55	20.10	6.43	25.70	8.75	28.20	9.93	29.80	10.78	29.80	10.78	29.40	10.92
	46	17.30	6.10	20.10	7.07	25.70	9.65	25.80	9.67	25.80	9.66	25.80	9.68	25.50	9.79
	48	17.30	6.50	20.10	7.53	23.30	9.03	23.30	9.03	23.30	9.02	23.30	9.01	23.00	9.11
	50	17.30	6.92	20.10	8.02	21.00	8.43	21.00	8.44	21.00	8.43	21.00	8.44	20.70	8.53
	52	17.30	7.37	18.80	7.92	18.80	7.91	18.80	7.90	18.80	7.91	18.80	7.91	18.50	7.99
110	10	5.00	0.34	8.10	0.55	11.50	0.78	12.30	0.83	13.10	0.89	13.90	0.95	14.80	1.02
	12	5.00	0.34	8.10	0.55	11.50	0.78	12.30	0.84	13.10	0.89	13.90	0.95	14.80	1.02
	14	5.00	0.35	8.10	0.55	11.50	0.78	12.30	0.84	13.10	0.90	13.90	0.96	14.80	1.03
	16	5.00	0.35	8.10	0.55	11.50	0.79	12.30	0.85	13.10	0.91	13.90	0.98	14.80	1.06
	18	5.00	0.35	8.10	0.56	11.50	0.81	12.30	0.87	13.10	0.94	13.90	1.01	14.80	1.10

2. ARUM100LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	5.00	0.35	8.10	0.58	11.50	0.86	12.30	0.93	13.10	1.01	13.90	1.10	14.80	1.24
	21	5.70	0.42	8.70	0.67	12.10	1.04	12.90	1.15	13.70	1.27	14.40	1.39	15.30	1.70
	23	7.00	1.20	10.00	1.42	13.30	1.71	14.10	1.78	14.80	1.86	15.50	1.93	16.30	2.05
	25	8.40	1.42	11.30	1.69	14.60	2.06	15.30	2.14	16.10	2.24	16.60	2.31	17.30	2.46
	27	9.80	1.72	12.70	2.05	15.90	2.51	16.60	2.62	17.30	2.73	17.80	2.81	19.30	3.15
	29	11.30	2.12	14.10	2.52	17.30	3.10	17.90	3.22	18.60	3.34	19.70	3.56	22.90	4.33
	31	12.70	2.64	15.50	3.08	18.70	3.73	19.30	3.86	20.90	4.24	23.30	4.82	26.40	5.81
	33	14.30	3.21	16.90	3.72	20.10	4.49	22.10	5.03	24.60	5.75	26.90	6.48	29.90	7.71
	35	15.80	3.93	18.40	4.52	23.60	6.06	25.80	6.82	28.30	7.73	30.50	8.61	33.40	10.19
	37	15.80	4.19	18.40	4.82	23.60	6.46	25.80	7.26	28.30	8.24	30.50	9.18	33.40	10.88
	39	15.80	4.46	18.40	5.13	23.60	6.88	25.80	7.74	28.30	8.78	30.50	9.79	33.40	11.61
	41	15.80	4.75	18.40	5.47	23.60	7.33	25.80	8.25	28.30	9.37	30.50	10.46	32.20	11.74
	43	15.80	5.06	18.40	5.82	23.60	7.81	25.80	8.79	28.30	10.00	29.80	10.79	29.40	10.91
	46	15.80	5.56	18.40	6.40	23.60	8.59	25.80	9.67	25.80	9.69	25.80	9.67	25.50	9.80
	48	15.80	5.93	18.40	6.82	23.30	9.03	23.30	9.02	23.30	9.01	23.30	9.01	23.00	9.11
	50	15.80	6.32	18.40	7.26	21.00	8.45	21.00	8.44	21.00	8.44	21.00	8.43	20.70	8.52
	52	15.80	6.73	18.40	7.74	18.80	7.91	18.80	7.91	18.80	7.91	18.70	7.86	18.50	8.00
100	10	4.60	0.31	7.40	0.50	10.40	0.71	11.10	0.76	11.90	0.81	12.70	0.86	13.50	0.92
	12	4.60	0.31	7.40	0.50	10.40	0.71	11.10	0.76	11.90	0.81	12.70	0.86	13.50	0.93
	14	4.60	0.31	7.40	0.50	10.40	0.71	11.10	0.76	11.90	0.81	12.70	0.87	13.50	0.94
	16	4.60	0.32	7.40	0.50	10.40	0.72	11.10	0.77	11.90	0.82	12.70	0.88	13.50	0.95
	18	4.60	0.32	7.40	0.51	10.40	0.73	11.10	0.79	11.90	0.84	12.70	0.91	13.50	0.99
	20	4.60	0.32	7.40	0.52	10.40	0.77	11.10	0.83	11.90	0.90	12.70	0.97	13.50	1.09
	21	5.20	0.37	7.90	0.59	11.00	0.91	11.70	1.00	12.40	1.09	13.10	1.19	13.90	1.42
	23	6.40	1.15	9.10	1.34	12.10	1.60	12.80	1.66	13.50	1.73	14.10	1.79	14.80	1.89
	25	7.60	1.35	10.30	1.58	13.30	1.90	13.90	1.98	14.60	2.05	15.10	2.12	15.70	2.24
	27	8.90	1.62	11.50	1.90	14.50	2.30	15.10	2.38	15.70	2.48	16.20	2.54	17.60	2.83
	29	10.20	1.97	12.80	2.31	15.70	2.80	16.30	2.91	16.90	3.02	17.90	3.22	20.80	3.87
	31	11.60	2.44	14.10	2.82	17.00	3.37	17.50	3.48	19.00	3.80	21.20	4.30	24.00	5.13
	33	13.00	2.95	15.40	3.38	18.30	4.04	20.10	4.50	22.40	5.11	24.50	5.71	27.20	6.75
	35	14.40	3.58	16.80	4.08	21.40	5.39	23.50	6.03	25.70	6.79	27.80	7.52	30.40	8.82
	37	14.40	3.80	16.80	4.34	21.40	5.74	23.50	6.42	25.70	7.23	27.80	8.01	30.40	9.40
	39	14.40	4.05	16.80	4.63	21.40	6.11	23.50	6.84	25.70	7.70	27.80	8.54	30.40	10.04
	41	14.40	4.31	16.80	4.93	21.40	6.51	23.50	7.28	25.70	8.21	27.80	9.11	30.40	10.73
	43	14.40	4.59	16.80	5.25	21.40	6.94	23.50	7.76	25.70	8.75	27.80	9.72	29.40	10.92
	46	14.40	5.05	16.80	5.77	21.40	7.63	23.50	8.54	25.70	9.65	25.80	9.66	25.50	9.79
	48	14.40	5.39	16.80	6.15	21.40	8.13	23.30	9.01	23.30	9.03	23.30	9.02	23.00	9.11
	50	14.40	5.74	16.80	6.55	21.00	8.45	21.00	8.44	21.00	8.43	21.00	8.43	20.70	8.53
	52	14.40	6.12	16.80	6.98	18.80	7.91	18.80	7.91	18.80	7.92	18.80	7.92	18.50	7.98
90	10	4.10	0.28	6.60	0.45	9.40	0.63	10.00	0.68	10.70	0.73	11.40	0.77	12.10	0.83
	12	4.10	0.28	6.60	0.45	9.40	0.64	10.00	0.68	10.70	0.73	11.40	0.78	12.10	0.83
	14	4.10	0.28	6.60	0.45	9.40	0.64	10.00	0.69	10.70	0.73	11.40	0.78	12.10	0.84
	16	4.10	0.28	6.60	0.45	9.40	0.64	10.00	0.69	10.70	0.74	11.40	0.79	12.10	0.85
	18	4.10	0.28	6.60	0.46	9.40	0.65	10.00	0.70	10.70	0.75	11.40	0.81	12.10	0.88
	20	4.10	0.29	6.60	0.46	9.40	0.68	10.00	0.73	10.70	0.79	11.40	0.85	12.10	0.95
	21	4.70	0.33	7.10	0.52	9.90	0.79	10.50	0.86	11.20	0.93	11.80	1.01	12.50	1.19
	23	5.80	1.10	8.20	1.27	10.90	1.49	11.50	1.55	12.10	1.60	12.70	1.65	13.30	1.74
	25	6.90	1.28	9.30	1.48	12.00	1.76	12.50	1.82	13.10	1.89	13.60	1.94	14.10	2.04
	27	8.00	1.51	10.40	1.76	13.00	2.10	13.60	2.17	14.20	2.25	14.50	2.30	15.80	2.55
	29	9.20	1.82	11.50	2.12	14.20	2.53	14.70	2.62	15.20	2.71	16.10	2.88	18.70	3.44
	31	10.40	2.23	12.70	2.57	15.30	3.04	15.80	3.13	17.10	3.40	19.10	3.82	21.60	4.50

2. ARUM100LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	11.70	2.70	13.90	3.06	16.50	3.61	18.10	4.00	20.20	4.50	22.00	5.01	24.50	5.87
	35	12.90	3.24	15.10	3.67	19.30	4.76	21.10	5.29	23.20	5.93	25.00	6.53	27.40	7.59
	37	12.90	3.44	15.10	3.90	19.30	5.07	21.10	5.64	23.20	6.31	25.00	6.95	27.40	8.09
	39	12.90	3.66	15.10	4.15	19.30	5.40	21.10	6.00	23.20	6.72	25.00	7.41	27.40	8.62
	41	12.90	3.90	15.10	4.42	19.30	5.75	21.10	6.40	23.20	7.16	25.00	7.89	27.40	9.19
	43	12.90	4.16	15.10	4.71	19.30	6.13	21.10	6.81	23.20	7.63	25.00	8.41	27.40	9.81
	46	12.90	4.57	15.10	5.18	19.30	6.74	21.10	7.49	23.20	8.39	25.00	9.26	25.50	9.79
	48	12.90	4.88	15.10	5.52	19.30	7.18	21.10	7.98	23.20	8.95	23.30	9.03	23.00	9.12
	50	12.90	5.20	15.10	5.89	19.30	7.65	21.00	8.44	21.00	8.44	21.00	8.43	20.70	8.51
	52	12.90	5.54	15.10	6.27	18.80	7.92	18.80	7.91	18.80	7.91	18.80	7.92	18.50	7.99
80	10	3.70	0.25	5.90	0.40	8.30	0.56	8.90	0.60	9.50	0.64	10.10	0.69	10.80	0.74
	12	3.70	0.25	5.90	0.40	8.30	0.57	8.90	0.61	9.50	0.65	10.10	0.69	10.80	0.74
	14	3.70	0.25	5.90	0.40	8.30	0.57	8.90	0.61	9.50	0.65	10.10	0.69	10.80	0.74
	16	3.70	0.25	5.90	0.40	8.30	0.57	8.90	0.61	9.50	0.65	10.10	0.70	10.80	0.75
	18	3.70	0.25	5.90	0.40	8.30	0.58	8.90	0.62	9.50	0.66	10.10	0.71	10.80	0.77
	20	3.70	0.26	5.90	0.41	8.30	0.59	8.90	0.64	9.50	0.69	10.10	0.74	10.80	0.82
	21	4.10	0.29	6.30	0.46	8.80	0.67	9.40	0.73	9.90	0.79	10.50	0.85	11.10	0.98
	23	5.10	0.89	7.30	1.20	9.70	1.39	10.20	1.44	10.80	1.48	11.30	1.53	11.80	1.60
	25	6.10	1.21	8.20	1.38	10.60	1.62	11.20	1.67	11.70	1.73	12.10	1.77	12.60	1.86
	27	7.10	1.41	9.20	1.62	11.60	1.91	12.10	1.97	12.60	2.04	12.90	2.08	14.10	2.28
	29	8.20	1.68	10.20	1.93	12.60	2.28	13.00	2.35	13.50	2.43	14.40	2.57	16.60	3.04
	31	9.30	2.04	11.30	2.34	13.60	2.73	14.00	2.81	15.20	3.03	17.00	3.37	19.20	3.93
	33	10.40	2.45	12.30	2.76	14.60	3.22	16.10	3.53	17.90	3.95	19.60	4.36	21.80	5.06
	35	11.50	2.93	13.40	3.28	17.20	4.18	18.80	4.62	20.60	5.13	22.20	5.62	24.30	6.48
	37	11.50	3.11	13.40	3.48	17.20	4.45	18.80	4.92	20.60	5.47	22.20	5.99	24.30	6.90
	39	11.50	3.30	13.40	3.71	17.20	4.74	18.80	5.24	20.60	5.82	22.20	6.38	24.30	7.35
	41	11.50	3.51	13.40	3.95	17.20	5.05	18.80	5.58	20.60	6.20	22.20	6.79	24.30	7.84
	43	11.50	3.74	13.40	4.20	17.20	5.38	18.80	5.94	20.60	6.61	22.20	7.24	24.30	8.35
	46	11.50	4.12	13.40	4.63	17.20	5.92	18.80	6.53	20.60	7.26	22.20	7.96	24.30	9.20
	48	11.50	4.39	13.40	4.93	17.20	6.30	18.80	6.96	20.60	7.74	22.20	8.48	23.00	9.13
	50	11.50	4.68	13.40	5.26	17.20	6.71	18.80	7.41	20.60	8.25	21.00	8.44	20.70	8.53
	52	11.50	5.00	13.40	5.61	17.20	7.15	18.80	7.90	18.80	7.91	18.80	7.90	18.50	7.98
70	10	3.20	0.22	5.10	0.35	7.30	0.49	7.80	0.53	8.30	0.56	8.90	0.60	9.40	0.64
	12	3.20	0.22	5.10	0.35	7.30	0.49	7.80	0.53	8.30	0.56	8.90	0.60	9.40	0.65
	14	3.20	0.22	5.10	0.35	7.30	0.50	7.80	0.53	8.30	0.57	8.90	0.60	9.40	0.65
	16	3.20	0.22	5.10	0.35	7.30	0.50	7.80	0.53	8.30	0.57	8.90	0.61	9.40	0.65
	18	3.20	0.22	5.10	0.35	7.30	0.50	7.80	0.54	8.30	0.58	8.90	0.62	9.40	0.67
	20	3.20	0.22	5.10	0.36	7.30	0.51	7.80	0.55	8.30	0.59	8.90	0.64	9.40	0.70
	21	3.60	0.26	5.50	0.40	7.70	0.57	8.20	0.62	8.70	0.67	9.20	0.72	9.70	0.81
	23	4.50	0.65	6.40	0.99	8.50	1.29	9.00	1.33	9.40	1.37	9.90	1.41	10.40	1.47
	25	5.40	1.14	7.20	1.29	9.30	1.48	9.80	1.53	10.20	1.58	10.60	1.61	11.00	1.69
	27	6.20	1.31	8.10	1.49	10.10	1.73	10.60	1.78	11.00	1.84	11.30	1.87	12.30	2.04
	29	7.20	1.54	8.90	1.75	11.00	2.05	11.40	2.11	11.80	2.17	12.60	2.28	14.60	2.66
	31	8.10	1.85	9.90	2.09	11.90	2.44	12.30	2.51	13.30	2.69	14.90	2.96	16.80	3.41
	33	9.10	2.21	10.80	2.48	12.80	2.85	14.10	3.11	15.70	3.44	17.10	3.77	19.00	4.33
	35	10.10	2.62	11.70	2.92	15.00	3.65	16.40	4.00	18.00	4.41	19.40	4.80	21.30	5.48
	37	10.10	2.78	11.70	3.09	15.00	3.88	16.40	4.25	18.00	4.69	19.40	5.11	21.30	5.84
	39	10.10	2.95	11.70	3.29	15.00	4.13	16.40	4.53	18.00	5.00	19.40	5.44	21.30	6.22
	41	10.10	3.15	11.70	3.50	15.00	4.40	16.40	4.83	18.00	5.33	19.40	5.80	21.30	6.62
	43	10.10	3.35	11.70	3.73	15.00	4.69	16.40	5.14	18.00	5.67	19.40	6.17	21.30	7.06
	46	10.10	3.69	11.70	4.10	15.00	5.16	16.40	5.65	18.00	6.24	19.40	6.79	21.30	7.76

2. ARUM100LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	10.10	3.93	11.70	4.38	15.00	5.50	16.40	6.02	18.00	6.65	19.40	7.23	21.30	8.27
	50	10.10	4.20	11.70	4.67	15.00	5.86	16.40	6.42	18.00	7.08	19.40	7.70	20.70	8.52
	52	10.10	4.48	11.70	4.98	15.00	6.24	16.40	6.84	18.00	7.54	18.80	7.92	18.50	7.99
60	10	2.80	0.19	4.40	0.30	6.20	0.42	6.70	0.45	7.10	0.48	7.60	0.51	8.10	0.55
	12	2.80	0.19	4.40	0.30	6.20	0.42	6.70	0.45	7.10	0.48	7.60	0.51	8.10	0.55
	14	2.80	0.19	4.40	0.30	6.20	0.42	6.70	0.45	7.10	0.49	7.60	0.52	8.10	0.55
	16	2.80	0.19	4.40	0.30	6.20	0.43	6.70	0.46	7.10	0.49	7.60	0.52	8.10	0.56
	18	2.80	0.19	4.40	0.30	6.20	0.43	6.70	0.46	7.10	0.49	7.60	0.52	8.10	0.57
	20	2.80	0.19	4.40	0.31	6.20	0.44	6.70	0.47	7.10	0.50	7.60	0.54	8.10	0.58
	21	3.10	0.22	4.80	0.34	6.60	0.48	7.00	0.51	7.40	0.55	7.90	0.59	8.30	0.66
	23	3.80	0.47	5.50	0.70	7.30	1.20	7.70	1.23	8.10	1.26	8.50	1.29	8.90	1.34
	25	4.70	1.08	6.20	1.20	8.00	1.36	8.40	1.39	8.80	1.43	9.10	1.46	9.40	1.52
	27	5.40	1.22	6.90	1.37	8.70	1.56	9.10	1.60	9.40	1.65	9.70	1.68	10.50	1.81
	29	6.10	1.41	7.70	1.58	9.40	1.82	9.80	1.87	10.10	1.92	10.80	2.01	12.50	2.31
	31	6.90	1.66	8.40	1.87	10.20	2.15	10.50	2.21	11.40	2.36	12.70	2.58	14.40	2.94
	33	7.80	1.97	9.20	2.19	11.00	2.51	12.10	2.72	13.40	2.98	14.70	3.23	16.30	3.67
	35	8.60	2.32	10.10	2.57	12.90	3.16	14.10	3.43	15.40	3.75	16.70	4.05	18.20	4.58
	37	8.60	2.45	10.10	2.72	12.90	3.35	14.10	3.65	15.40	3.99	16.70	4.31	18.20	4.88
	39	8.60	2.60	10.10	2.89	12.90	3.57	14.10	3.88	15.40	4.25	16.70	4.59	18.20	5.20
	41	8.60	2.75	10.10	3.08	12.90	3.80	14.10	4.13	15.40	4.53	16.70	4.89	18.20	5.54
	43	8.60	2.93	10.10	3.28	12.90	4.05	14.10	4.40	15.40	4.82	16.70	5.21	18.20	5.90
	46	8.60	3.23	10.10	3.61	12.90	4.45	14.10	4.85	15.40	5.31	16.70	5.73	18.20	6.48
	48	8.60	3.45	10.10	3.86	12.90	4.75	14.10	5.17	15.40	5.65	16.70	6.11	18.20	6.91
	50	8.60	3.70	10.10	4.12	12.90	5.06	14.10	5.51	15.40	6.02	16.70	6.51	18.20	7.36
	52	8.60	3.97	10.10	4.40	12.90	5.40	14.10	5.87	15.40	6.42	16.70	6.93	18.20	7.84
50	10	2.30	0.17	3.70	0.25	5.20	0.35	5.60	0.38	5.90	0.40	6.30	0.43	6.70	0.46
	12	2.30	0.18	3.70	0.25	5.20	0.35	5.60	0.38	5.90	0.40	6.30	0.43	6.70	0.46
	14	2.30	0.18	3.70	0.25	5.20	0.35	5.60	0.38	5.90	0.40	6.30	0.43	6.70	0.46
	16	2.30	0.18	3.70	0.25	5.20	0.35	5.60	0.38	5.90	0.41	6.30	0.43	6.70	0.46
	18	2.30	0.18	3.70	0.25	5.20	0.36	5.60	0.38	5.90	0.41	6.30	0.44	6.70	0.47
	20	2.30	0.18	3.70	0.25	5.20	0.36	5.60	0.39	5.90	0.41	6.30	0.44	6.70	0.48
	21	2.60	0.18	4.00	0.28	5.50	0.39	5.80	0.42	6.20	0.45	6.60	0.48	6.90	0.52
	23	3.20	0.34	4.50	0.49	6.10	0.88	6.40	1.00	6.70	1.14	7.10	1.18	7.40	1.22
	25	4.50	1.09	5.10	1.11	6.60	1.24	7.00	1.27	7.30	1.30	7.60	1.32	7.90	1.37
	27	4.50	1.13	5.80	1.25	7.20	1.40	7.60	1.43	7.90	1.47	8.10	1.49	8.80	1.60
	29	5.10	1.28	6.40	1.42	7.90	1.61	8.10	1.65	8.50	1.69	9.00	1.76	10.40	2.00
	31	5.80	1.49	7.00	1.65	8.50	1.87	8.80	1.92	9.50	2.04	10.60	2.22	12.00	2.51
	33	6.50	1.74	7.70	1.92	9.10	2.18	10.10	2.34	11.20	2.55	12.20	2.75	13.60	3.08
	35	7.20	2.03	8.40	2.22	10.70	2.71	11.70	2.92	12.90	3.16	13.90	3.38	15.20	3.78
	37	7.20	2.13	8.40	2.35	10.70	2.87	11.70	3.10	12.90	3.35	13.90	3.60	15.20	4.02
	39	7.20	2.25	8.40	2.48	10.70	3.05	11.70	3.29	12.90	3.57	13.90	3.83	15.20	4.28
	41	7.20	2.38	8.40	2.63	10.70	3.25	11.70	3.50	12.90	3.80	13.90	4.07	15.20	4.56
	43	7.20	2.52	8.40	2.80	10.70	3.46	11.70	3.73	12.90	4.05	13.90	4.34	15.20	4.86
	46	7.20	2.76	8.40	3.08	10.70	3.80	11.70	4.11	12.90	4.45	13.90	4.78	15.20	5.34
	48	7.20	2.94	8.40	3.29	10.70	4.06	11.70	4.38	12.90	4.75	13.90	5.09	15.20	5.69
	50	7.20	3.14	8.40	3.52	10.70	4.33	11.70	4.67	12.90	5.07	13.90	5.43	15.20	6.07
	52	7.20	3.36	8.40	3.78	10.70	4.62	11.70	4.98	12.90	5.40	13.90	5.79	15.20	6.46

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

2.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	18.60	7.71	18.50	7.77	18.40	7.83	18.30	7.87	18.20	7.90	18.10	7.96
	-24.8	-25	21.80	8.09	21.60	8.17	21.40	8.24	21.30	8.27	21.30	8.31	21.10	8.37
	-21.8	-22	23.70	8.32	23.50	8.39	23.30	8.47	23.30	8.51	23.20	8.54	23.00	8.61
	-19.8	-20	25.10	8.47	24.90	8.55	24.70	8.62	24.60	8.66	24.50	8.70	24.30	8.78
	-18.8	-19	25.80	8.54	25.60	8.62	25.40	8.70	25.30	8.74	25.20	8.78	25.00	8.86
	-16.7	-17	27.20	8.69	27.00	8.78	26.80	8.86	26.70	8.90	26.60	8.94	26.40	9.02
	-15	-15.9	28.10	8.78	27.90	8.87	27.70	8.95	27.60	8.99	27.50	9.03	27.30	9.11
	-13.7	-15	29.00	8.87	28.80	8.96	28.60	9.04	28.50	9.09	28.40	9.13	28.20	9.21
	-11.8	-13	30.40	9.01	30.10	9.10	29.90	9.18	29.80	9.23	29.70	9.27	29.50	9.35
	-9.8	-11	32.00	9.16	31.80	9.25	31.50	9.34	31.40	9.39	31.30	9.43	31.10	9.52
	-9.5	-10	32.80	9.24	32.60	9.33	32.30	9.42	32.20	9.46	32.10	9.51	31.90	9.60
	-8.5	-9.1	33.60	9.31	33.30	9.40	33.10	9.49	33.00	9.54	32.90	9.58	32.60	9.67
	-7	-7.6	34.90	9.43	34.70	9.52	34.40	9.62	34.30	9.66	34.10	9.71	33.90	9.80
	-5	-5.6	36.80	9.59	36.50	9.69	36.20	9.78	36.10	9.83	35.90	9.88	35.70	9.97
	-3	-3.7	38.60	9.75	38.30	9.85	38.00	9.95	37.90	10.00	37.70	10.04	35.80	9.39
	0	-0.7	41.60	10.00	41.30	10.10	40.90	10.20	39.70	9.76	38.40	9.32	35.80	8.47
	3	2.2	44.50	10.24	43.50	10.05	40.90	9.23	39.70	8.83	38.40	8.44	35.80	7.68
	5	4.1	46.10	10.20	43.50	9.41	40.90	8.65	39.70	8.28	38.40	7.92	35.80	7.21
	7	6	46.10	9.54	43.50	8.80	40.90	8.09	39.70	7.75	38.40	7.41	35.80	6.76
	9	7.9	46.10	8.90	43.50	8.22	40.90	7.56	39.70	7.24	38.40	6.93	35.80	6.33
	11	9.8	46.10	8.30	43.50	7.67	40.90	7.06	39.70	6.77	38.40	6.48	35.80	5.92
	13	11.8	46.10	7.71	43.50	7.13	40.90	6.58	39.70	6.31	38.40	6.04	35.80	5.52
	15	13.7	46.10	7.18	43.50	6.65	40.90	6.14	39.70	5.89	38.40	5.65	35.80	5.17
120	-30	-30.2	18.60	7.74	18.40	7.80	18.30	7.87	18.20	7.90	18.10	7.93	18.00	7.99
	-24.8	-25	21.60	8.14	21.50	8.21	21.30	8.28	21.20	8.32	21.20	8.35	21.00	8.42
	-21.8	-22	23.60	8.37	23.40	8.45	23.20	8.52	23.10	8.56	23.10	8.59	22.90	8.66
	-19.8	-20	24.90	8.53	24.70	8.60	24.60	8.68	24.50	8.72	24.40	8.76	24.20	8.83
	-18.8	-19	25.60	8.61	25.40	8.68	25.20	8.76	25.10	8.80	25.10	8.84	24.90	8.91
	-16.7	-17	27.10	8.76	26.90	8.85	26.70	8.93	26.60	8.96	26.50	9.00	26.30	9.08
	-15	-15.9	27.90	8.86	27.70	8.94	27.50	9.02	27.40	9.06	27.30	9.10	27.10	9.18
	-13.7	-15	28.80	8.95	28.60	9.03	28.40	9.12	28.30	9.16	28.20	9.20	28.00	9.28
	-11.8	-13	30.20	9.09	29.90	9.18	29.70	9.26	29.60	9.30	29.50	9.35	29.30	9.43
	-9.8	-11	31.80	9.25	31.50	9.34	31.30	9.43	31.20	9.47	31.10	9.52	30.90	9.60
	-9.5	-10	32.60	9.33	32.30	9.42	32.10	9.51	32.00	9.55	31.80	9.60	31.60	9.68
	-8.5	-9.1	33.30	9.41	33.10	9.50	32.80	9.59	32.70	9.63	32.60	9.68	32.40	9.76
	-7	-7.6	34.60	9.53	34.40	9.63	34.10	9.72	34.00	9.76	33.90	9.81	33.10	9.61
	-5	-5.6	36.40	9.70	36.20	9.80	35.90	9.89	35.80	9.94	35.40	9.88	33.10	8.98
	-3	-3.7	38.20	9.87	37.90	9.97	37.70	10.06	36.60	9.68	35.40	9.25	33.10	8.41
	0	-0.7	41.10	10.14	40.20	9.93	37.80	9.12	36.60	8.73	35.40	8.34	33.10	7.59
	3	2.2	42.50	9.73	40.20	8.98	37.80	8.26	36.60	7.91	35.40	7.57	33.10	6.90
	5	4.1	42.50	9.12	40.20	8.42	37.80	7.75	36.60	7.43	35.40	7.11	33.10	6.49
	7	6	42.50	8.53	40.20	7.88	37.80	7.26	36.60	6.95	35.40	6.66	33.10	6.08
	9	7.9	42.50	7.96	40.20	7.37	37.80	6.79	36.60	6.51	35.40	6.23	33.10	5.70
	11	9.8	42.50	7.43	40.20	6.88	37.80	6.35	36.60	6.09	35.40	5.84	33.10	5.34
	13	11.8	42.50	6.91	40.20	6.41	37.80	5.92	36.60	5.68	35.40	5.45	33.10	4.99

2. ARUM100LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	42.50	6.45	40.20	5.99	37.80	5.54	36.60	5.32	35.40	5.10	33.10	4.68
110	-30	-30.2	18.50	7.78	18.30	7.85	18.20	7.91	18.10	7.94	18.10	7.97	17.90	8.03
	-24.8	-25	21.50	8.20	21.40	8.26	21.20	8.33	21.10	8.37	21.00	8.40	20.90	8.47
	-21.8	-22	23.40	8.44	23.20	8.51	23.10	8.58	23.00	8.62	22.90	8.65	22.70	8.72
	-19.8	-20	24.80	8.60	24.60	8.67	24.40	8.75	24.30	8.78	24.20	8.82	24.00	8.89
	-18.8	-19	25.40	8.68	25.30	8.76	25.10	8.83	25.00	8.87	24.90	8.91	24.70	8.98
	-16.7	-17	26.90	8.84	26.70	8.92	26.50	9.00	26.40	9.04	26.30	9.08	26.10	9.15
	-15	-15.9	27.70	8.94	27.50	9.02	27.30	9.10	27.20	9.14	27.10	9.18	26.90	9.26
	-13.7	-15	28.60	9.04	28.40	9.12	28.20	9.20	28.10	9.24	28.00	9.28	27.80	9.36
	-11.8	-13	29.90	9.19	29.70	9.27	29.50	9.35	29.40	9.40	29.30	9.44	29.10	9.52
	-9.8	-11	31.50	9.36	31.30	9.45	31.10	9.53	30.90	9.57	30.80	9.61	30.30	9.54
	-9.5	-10	32.30	9.44	32.00	9.53	31.80	9.61	31.70	9.66	31.60	9.70	30.30	9.24
	-8.5	-9.1	33.00	9.52	32.80	9.61	32.50	9.70	32.40	9.74	32.30	9.78	30.30	8.97
	-7	-7.6	34.30	9.65	34.10	9.74	33.80	9.83	33.60	9.81	32.50	9.38	30.30	8.53
	-5	-5.6	36.10	9.83	35.80	9.93	34.60	9.58	33.60	9.16	32.50	8.76	30.30	7.97
	-3	-3.7	37.80	10.01	36.80	9.76	34.60	8.96	33.60	8.58	32.50	8.20	30.30	7.47
	0	-0.7	39.00	9.52	36.80	8.79	34.60	8.09	33.60	7.75	32.50	7.41	30.30	6.76
	3	2.2	39.00	8.62	36.80	7.97	34.60	7.34	33.60	7.03	32.50	6.74	30.30	6.15
	5	4.1	39.00	8.08	36.80	7.48	34.60	6.90	33.60	6.61	32.50	6.33	30.30	5.79
	7	6	39.00	7.57	36.80	7.00	34.60	6.46	33.60	6.20	32.50	5.94	30.30	5.44
	9	7.9	39.00	7.08	36.80	6.56	34.60	6.05	33.60	5.81	32.50	5.57	30.30	5.10
	11	9.8	39.00	6.61	36.80	6.14	34.60	5.67	33.60	5.45	32.50	5.22	30.30	4.79
	13	11.8	39.00	6.16	36.80	5.72	34.60	5.29	33.60	5.09	32.50	4.88	30.30	4.48
	15	13.7	39.00	5.76	36.80	5.35	34.60	4.96	33.60	4.77	32.50	4.58	30.30	4.21
100	-30	-30.2	18.40	7.83	18.20	7.89	18.10	7.96	18.00	7.99	18.00	8.02	17.80	8.07
	-24.8	-25	21.40	8.26	21.20	8.33	21.10	8.39	21.00	8.43	20.90	8.46	20.80	8.53
	-21.8	-22	23.20	8.51	23.10	8.58	22.90	8.65	22.80	8.69	22.70	8.72	22.60	8.79
	-19.8	-20	24.60	8.68	24.40	8.75	24.20	8.83	24.10	8.86	24.00	8.90	23.90	8.97
	-18.8	-19	25.20	8.76	25.10	8.84	24.90	8.91	24.80	8.95	24.70	8.99	24.50	9.06
	-16.7	-17	26.60	8.94	26.40	9.02	26.20	9.09	26.20	9.13	26.10	9.17	25.90	9.24
	-15	-15.9	27.50	9.04	27.30	9.12	27.10	9.20	27.00	9.24	26.90	9.27	26.70	9.35
	-13.7	-15	28.30	9.14	28.10	9.23	27.90	9.31	27.80	9.34	27.70	9.38	27.60	9.46
	-11.8	-13	29.60	9.30	29.40	9.38	29.20	9.46	29.10	9.50	29.00	9.54	27.60	8.92
	-9.8	-11	31.20	9.48	31.00	9.56	30.70	9.65	30.50	9.63	29.50	9.20	27.60	8.37
	-9.5	-10	31.90	9.57	31.70	9.65	31.50	9.74	30.50	9.33	29.50	8.92	27.60	8.12
	-8.5	-9.1	32.70	9.65	32.40	9.74	31.50	9.45	30.50	9.05	29.50	8.65	27.60	7.87
	-7	-7.6	33.90	9.79	33.50	9.77	31.50	8.99	30.50	8.60	29.50	8.22	27.60	7.49
	-5	-5.6	35.40	9.88	33.50	9.13	31.50	8.39	30.50	8.04	29.50	7.69	27.60	7.01
	-3	-3.7	35.40	9.25	33.50	8.55	31.50	7.87	30.50	7.54	29.50	7.21	27.60	6.58
	0	-0.7	35.40	8.34	33.50	7.72	31.50	7.11	30.50	6.82	29.50	6.53	27.60	5.97
	3	2.2	35.40	7.57	33.50	7.01	31.50	6.47	30.50	6.21	29.50	5.95	27.60	5.45
	5	4.1	35.40	7.11	33.50	6.59	31.50	6.08	30.50	5.84	29.50	5.60	27.60	5.13
	7	6	35.40	6.66	33.50	6.18	31.50	5.71	30.50	5.48	29.50	5.26	27.60	4.82
	9	7.9	35.40	6.23	33.50	5.79	31.50	5.36	30.50	5.15	29.50	4.94	27.60	4.54
	11	9.8	35.40	5.84	33.50	5.43	31.50	5.03	30.50	4.83	29.50	4.64	27.60	4.27
	13	11.8	35.40	5.45	33.50	5.07	31.50	4.70	30.50	4.52	29.50	4.34	27.60	4.00
	15	13.7	35.40	5.10	33.50	4.75	31.50	4.41	30.50	4.24	29.50	4.08	27.60	3.76

2. ARUM100LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	18.20	7.89	18.10	7.95	18.00	8.01	17.90	8.04	17.80	8.07	17.70	8.13
	-24.8	-25	21.20	8.34	21.00	8.40	20.90	8.47	20.80	8.50	20.70	8.53	20.60	8.60
	-21.8	-22	23.00	8.60	22.90	8.67	22.70	8.74	22.60	8.77	22.50	8.80	22.40	8.87
	-19.8	-20	24.30	8.78	24.10	8.85	24.00	8.92	23.90	8.95	23.80	8.99	23.60	9.06
	-18.8	-19	25.00	8.87	24.80	8.94	24.60	9.01	24.50	9.05	24.50	9.08	24.30	9.15
	-16.7	-17	26.40	9.05	26.20	9.12	26.00	9.20	25.90	9.24	25.80	9.27	24.80	8.86
	-15	-15.9	27.20	9.16	27.00	9.23	26.80	9.31	26.70	9.35	26.60	9.36	24.80	8.51
	-13.7	-15	28.00	9.27	27.80	9.35	27.60	9.43	27.50	9.41	26.60	8.99	24.80	8.18
	-11.8	-13	29.30	9.43	29.10	9.51	28.30	9.28	27.50	8.87	26.60	8.48	24.80	7.71
	-9.8	-11	30.80	9.63	30.10	9.45	28.30	8.70	27.50	8.33	26.60	7.97	24.80	7.26
	-9.5	-10	31.50	9.72	30.10	9.16	28.30	8.43	27.50	8.08	26.60	7.73	24.80	7.05
	-8.5	-9.1	31.90	9.62	30.10	8.89	28.30	8.18	27.50	7.84	26.60	7.50	24.80	6.84
	-7	-7.6	31.90	9.14	30.10	8.45	28.30	7.78	27.50	7.46	26.60	7.14	24.80	6.52
	-5	-5.6	31.90	8.54	30.10	7.90	28.30	7.28	27.50	6.98	26.60	6.69	24.80	6.11
	-3	-3.7	31.90	8.00	30.10	7.41	28.30	6.83	27.50	6.55	26.60	6.28	24.80	5.75
	0	-0.7	31.90	7.23	30.10	6.70	28.30	6.19	27.50	5.94	26.60	5.70	24.80	5.22
	3	2.2	31.90	6.58	30.10	6.10	28.30	5.65	27.50	5.42	26.60	5.20	24.80	4.78
	5	4.1	31.90	6.18	30.10	5.74	28.30	5.32	27.50	5.11	26.60	4.90	24.80	4.50
	7	6	31.90	5.80	30.10	5.39	28.30	5.00	27.50	4.80	26.60	4.61	24.80	4.24
	9	7.9	31.90	5.44	30.10	5.06	28.30	4.70	27.50	4.52	26.60	4.34	24.80	4.00
	11	9.8	31.90	5.11	30.10	4.75	28.30	4.41	27.50	4.25	26.60	4.09	24.80	3.77
	13	11.8	31.90	4.77	30.10	4.45	28.30	4.14	27.50	3.98	26.60	3.83	24.80	3.54
	15	13.7	31.90	4.48	30.10	4.18	28.30	3.89	27.50	3.75	26.60	3.61	24.80	3.34
80	-30	-30.2	18.10	7.96	17.90	8.02	17.80	8.08	17.70	8.11	17.70	8.14	17.60	8.20
	-24.8	-25	21.00	8.43	20.80	8.50	20.70	8.56	20.60	8.59	20.50	8.62	20.40	8.68
	-21.8	-22	22.80	8.71	22.60	8.77	22.50	8.84	22.40	8.87	22.30	8.91	22.00	8.90
	-19.8	-20	24.00	8.90	23.90	8.96	23.70	9.03	23.60	9.07	23.50	9.10	22.00	8.34
	-18.8	-19	24.70	8.99	24.50	9.06	24.30	9.13	24.30	9.16	23.60	8.86	22.00	8.08
	-16.7	-17	26.00	9.18	25.80	9.26	25.20	9.05	24.40	8.67	23.60	8.30	22.00	7.57
	-15	-15.9	26.80	9.30	26.60	9.38	25.20	8.70	24.40	8.33	23.60	7.96	22.00	7.26
	-13.7	-15	27.70	9.42	26.80	9.08	25.20	8.35	24.40	8.00	23.60	7.65	22.00	6.98
	-11.8	-13	28.30	9.28	26.80	8.57	25.20	7.88	24.40	7.55	23.60	7.22	22.00	6.59
	-9.8	-11	28.30	8.70	26.80	8.05	25.20	7.42	24.40	7.11	23.60	6.80	22.00	6.21
	-9.5	-10	28.30	8.43	26.80	7.80	25.20	7.20	24.40	6.90	23.60	6.61	22.00	6.05
	-8.5	-9.1	28.30	8.18	26.80	7.57	25.20	6.99	24.40	6.70	23.60	6.42	22.00	5.88
	-7	-7.6	28.30	7.78	26.80	7.21	25.20	6.66	24.40	6.39	23.60	6.12	22.00	5.60
	-5	-5.6	28.30	7.28	26.80	6.75	25.20	6.24	24.40	5.99	23.60	5.74	22.00	5.26
	-3	-3.7	28.30	6.83	26.80	6.34	25.20	5.86	24.40	5.63	23.60	5.40	22.00	4.96
	0	-0.7	28.30	6.19	26.80	5.75	25.20	5.33	24.40	5.12	23.60	4.92	22.00	4.52
	3	2.2	28.30	5.65	26.80	5.25	25.20	4.87	24.40	4.68	23.60	4.50	22.00	4.14
	5	4.1	28.30	5.32	26.80	4.95	25.20	4.59	24.40	4.42	23.60	4.25	22.00	3.91
	7	6	28.30	5.00	26.80	4.66	25.20	4.32	24.40	4.16	23.60	4.00	22.00	3.69
	9	7.9	28.30	4.70	26.80	4.38	25.20	4.07	24.40	3.92	23.60	3.78	22.00	3.49
	11	9.8	28.30	4.41	26.80	4.12	25.20	3.84	24.40	3.70	23.60	3.56	22.00	3.30
	13	11.8	28.30	4.14	26.80	3.87	25.20	3.60	24.40	3.48	23.60	3.35	22.00	3.10
	15	13.7	28.30	3.89	26.80	3.64	25.20	3.40	24.40	3.28	23.60	3.16	22.00	2.93
70	-30	-30.2	17.90	8.06	17.70	8.11	17.60	8.17	17.60	8.20	17.50	8.23	17.40	8.28

2. ARUM100LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	20.70	8.55	20.60	8.61	20.40	8.67	20.30	8.70	20.30	8.73	19.30	8.21
	-21.8	-22	22.50	8.84	22.30	8.91	22.00	8.90	21.40	8.53	20.70	8.17	19.30	7.46
	-19.8	-20	23.70	9.04	23.40	9.05	22.00	8.34	21.40	8.00	20.70	7.66	19.30	6.99
	-18.8	-19	24.30	9.14	23.40	8.76	22.00	8.08	21.40	7.74	20.70	7.41	19.30	6.78
	-16.7	-17	24.80	8.86	23.40	8.20	22.00	7.57	21.40	7.26	20.70	6.95	19.30	6.36
	-15	-15.9	24.80	8.51	23.40	7.87	22.00	7.26	21.40	6.96	20.70	6.66	19.30	6.09
	-13.7	-15	24.80	8.18	23.40	7.57	22.00	6.98	21.40	6.69	20.70	6.41	19.30	5.86
	-11.8	-13	24.80	7.71	23.40	7.14	22.00	6.59	21.40	6.32	20.70	6.05	19.30	5.54
	-9.8	-11	24.80	7.26	23.40	6.72	22.00	6.21	21.40	5.95	20.70	5.71	19.30	5.22
	-9.5	-10	24.80	7.05	23.40	6.54	22.00	6.05	21.40	5.81	20.70	5.57	19.30	5.11
	-8.5	-9.1	24.80	6.85	23.40	6.35	22.00	5.88	21.40	5.64	20.70	5.42	19.30	4.97
	-7	-7.6	24.80	6.52	23.40	6.06	22.00	5.60	21.40	5.38	20.70	5.17	19.30	4.75
	-5	-5.6	24.80	6.11	23.40	5.68	22.00	5.26	21.40	5.06	20.70	4.86	19.30	4.47
	-3	-3.7	24.80	5.75	23.40	5.34	22.00	4.96	21.40	4.77	20.70	4.58	19.30	4.22
	0	-0.7	24.80	5.22	23.40	4.87	22.00	4.52	21.40	4.35	20.70	4.18	19.30	3.86
	3	2.2	24.80	4.78	23.40	4.46	22.00	4.14	21.40	3.99	20.70	3.84	19.30	3.55
	5	4.1	24.80	4.50	23.40	4.21	22.00	3.91	21.40	3.77	20.70	3.63	19.30	3.36
	7	6	24.80	4.24	23.40	3.97	22.00	3.70	21.40	3.56	20.70	3.43	19.30	3.18
	9	7.9	24.80	4.00	23.40	3.74	22.00	3.49	21.40	3.37	20.70	3.25	19.30	3.01
	11	9.8	24.80	3.77	23.40	3.53	22.00	3.30	21.40	3.18	20.70	3.07	19.30	2.85
	13	11.8	24.80	3.54	23.40	3.32	22.00	3.10	21.40	3.00	20.70	2.90	19.30	2.69
	15	13.7	24.80	3.34	23.40	3.13	22.00	2.93	21.40	2.84	20.70	2.74	19.30	2.55
60	-30	-30.2	17.60	8.17	17.50	8.23	17.40	8.28	17.30	8.31	17.30	8.34	16.50	7.94
	-24.8	-25	20.40	8.70	20.10	8.66	18.90	7.99	18.30	7.67	17.70	7.35	16.50	6.72
	-21.8	-22	21.30	8.48	20.10	7.86	18.90	7.26	18.30	6.96	17.70	6.68	16.50	6.11
	-19.8	-20	21.30	7.95	20.10	7.37	18.90	6.81	18.30	6.54	17.70	6.27	16.50	5.74
	-18.8	-19	21.30	7.70	20.10	7.14	18.90	6.60	18.30	6.33	17.70	6.08	16.50	5.57
	-16.7	-17	21.30	7.21	20.10	6.70	18.90	6.19	18.30	5.95	17.70	5.71	16.50	5.24
	-15	-15.9	21.30	6.91	20.10	6.41	18.90	5.93	18.30	5.69	17.70	5.46	16.50	5.01
	-13.7	-15	21.30	6.65	20.10	6.17	18.90	5.71	18.30	5.48	17.70	5.26	16.50	4.83
	-11.8	-13	21.30	6.28	20.10	5.83	18.90	5.40	18.30	5.18	17.70	4.97	16.50	4.57
	-9.8	-11	21.30	5.92	20.10	5.50	18.90	5.09	18.30	4.89	17.70	4.70	16.50	4.32
	-9.5	-10	21.30	5.77	20.10	5.37	18.90	4.98	18.30	4.79	17.70	4.61	16.50	4.24
	-8.5	-9.1	21.30	5.61	20.10	5.22	18.90	4.85	18.30	4.66	17.70	4.48	16.50	4.13
	-7	-7.6	21.30	5.35	20.10	4.99	18.90	4.63	18.30	4.46	17.70	4.28	16.50	3.95
	-5	-5.6	21.30	5.03	20.10	4.69	18.90	4.36	18.30	4.20	17.70	4.04	16.50	3.73
	-3	-3.7	21.30	4.74	20.10	4.42	18.90	4.11	18.30	3.96	17.70	3.82	16.50	3.53
	0	-0.7	21.30	4.33	20.10	4.04	18.90	3.77	18.30	3.63	17.70	3.50	16.50	3.24
	3	2.2	21.30	3.97	20.10	3.72	18.90	3.47	18.30	3.35	17.70	3.23	16.50	2.99
	5	4.1	21.30	3.75	20.10	3.51	18.90	3.28	18.30	3.17	17.70	3.06	16.50	2.84
	7	6	21.30	3.54	20.10	3.32	18.90	3.11	18.30	3.00	17.70	2.90	16.50	2.70
	9	7.9	21.30	3.35	20.10	3.14	18.90	2.94	18.30	2.85	17.70	2.75	16.50	2.56
	11	9.8	21.30	3.17	20.10	2.97	18.90	2.79	18.30	2.70	17.70	2.61	16.50	2.43
	13	11.8	21.30	2.98	20.10	2.81	18.90	2.64	18.30	2.55	17.70	2.47	16.50	2.31
	15	13.7	21.30	2.82	20.10	2.66	18.90	2.50	18.30	2.42	17.70	2.35	16.50	2.20
50	-30	-30.2	17.30	8.33	16.70	8.06	15.70	7.45	15.30	7.15	14.80	6.85	13.80	6.28
	-24.8	-25	17.70	7.35	16.70	6.82	15.70	6.31	15.30	6.07	14.80	5.82	13.80	5.34

2. ARUM100LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	17.70	6.68	16.70	6.21	15.70	5.75	15.30	5.53	14.80	5.31	13.80	4.88
	-19.8	-20	17.70	6.27	16.70	5.83	15.70	5.41	15.30	5.20	14.80	4.99	13.80	4.59
	-18.8	-19	17.70	6.08	16.70	5.65	15.70	5.24	15.30	5.04	14.80	4.84	13.80	4.46
	-16.7	-17	17.70	5.71	16.70	5.31	15.70	4.93	15.30	4.75	14.80	4.56	13.80	4.20
	-15	-15.9	17.70	5.46	16.70	5.09	15.70	4.72	15.30	4.54	14.80	4.36	13.80	4.02
	-13.7	-15	17.70	5.26	16.70	4.90	15.70	4.55	15.30	4.37	14.80	4.21	13.80	3.88
	-11.8	-13	17.70	4.98	16.70	4.64	15.70	4.31	15.30	4.15	14.80	3.99	13.80	3.68
	-9.8	-11	17.70	4.70	16.70	4.38	15.70	4.07	15.30	3.92	14.80	3.77	13.80	3.49
	-9.5	-10	17.70	4.61	16.70	4.30	15.70	4.00	15.30	3.86	14.80	3.72	13.80	3.44
	-8.5	-9.1	17.70	4.48	16.70	4.19	15.70	3.90	15.30	3.76	14.80	3.62	13.80	3.35
	-7	-7.6	17.70	4.28	16.70	4.01	15.70	3.73	15.30	3.60	14.80	3.47	13.80	3.21
	-5	-5.6	17.70	4.04	16.70	3.78	15.70	3.52	15.30	3.40	14.80	3.28	13.80	3.04
	-3	-3.7	17.70	3.82	16.70	3.57	15.70	3.34	15.30	3.22	14.80	3.11	13.80	2.89
	0	-0.7	17.70	3.50	16.70	3.28	15.70	3.07	15.30	2.97	14.80	2.87	13.80	2.67
	3	2.2	17.70	3.23	16.70	3.03	15.70	2.84	15.30	2.75	14.80	2.66	13.80	2.48
	5	4.1	17.70	3.06	16.70	2.88	15.70	2.70	15.30	2.61	14.80	2.53	13.80	2.36
	7	6	17.70	2.90	16.70	2.73	15.70	2.57	15.30	2.49	14.80	2.41	13.80	2.25
	9	7.9	17.70	2.75	16.70	2.59	15.70	2.44	15.30	2.36	14.80	2.29	13.80	2.15
	11	9.8	17.70	2.61	16.70	2.46	15.70	2.32	15.30	2.25	14.80	2.18	13.80	2.05
	13	11.8	17.70	2.47	16.70	2.34	15.70	2.20	15.30	2.14	14.80	2.08	13.80	1.95
	15	13.7	17.70	2.35	16.70	2.22	15.70	2.10	15.30	2.04	14.80	1.98	13.80	1.86

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

2.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	18.60	7.71	18.50	7.77	18.40	7.83	18.30	7.87	18.20	7.90	18.10	7.96
	-24.8	-25	21.80	8.09	21.60	8.17	21.40	8.24	21.30	8.27	21.30	8.31	21.10	8.37
	-21.8	-22	23.70	8.32	23.50	8.39	23.30	8.47	23.30	8.51	23.20	8.54	23.00	8.61
	-19.8	-20	25.10	8.47	24.90	8.55	24.70	8.62	24.60	8.66	24.50	8.70	24.30	8.78
	-18.8	-19	25.80	8.54	25.60	8.62	25.40	8.70	25.30	8.74	25.20	8.78	25.00	8.86
	-16.7	-17	27.20	8.69	27.00	8.78	26.80	8.86	26.70	8.90	26.60	8.94	26.40	9.02
	-15	-15.9	28.10	8.78	27.90	8.87	27.70	8.95	27.60	8.99	27.50	9.03	27.30	9.11
	-13.7	-15	29.00	8.87	28.80	8.96	28.60	9.04	28.50	9.09	28.40	9.13	28.20	9.21
	-11.8	-13	30.40	9.01	30.10	9.10	29.90	9.18	29.80	9.23	29.70	9.27	29.50	9.35
	-9.8	-11	32.00	9.16	31.80	9.25	31.50	9.34	31.40	9.39	31.30	9.43	31.10	9.52
	-9.5	-10	32.80	9.24	32.60	9.33	32.30	9.42	32.20	9.46	32.10	9.51	31.90	9.60
	-8.5	-9.1	33.60	9.31	33.30	9.40	33.10	9.49	33.00	9.54	32.90	9.58	32.60	9.67
	-7	-7.6	34.90	9.43	34.70	9.52	34.40	9.62	34.30	9.66	34.10	9.71	33.90	9.80
	-5	-5.6	36.80	9.59	36.50	9.69	36.20	9.78	36.10	9.83	35.90	9.88	35.70	9.97
	-3	-3.7	38.60	9.75	38.30	9.85	38.00	9.95	37.90	10.00	37.70	10.04	35.80	9.39
	0	-0.7	41.60	10.00	41.30	10.10	40.90	10.20	39.70	9.76	38.40	9.32	35.80	8.47
	3	2.2	44.50	10.24	43.50	10.05	40.90	9.23	39.70	8.83	38.40	8.44	35.80	7.68
	5	4.1	43.60	9.21	41.00	8.46	38.40	7.74	37.10	7.38	35.80	7.04	33.20	6.37
	7	6	41.10	7.72	38.50	7.06	35.80	6.42	34.50	6.11	33.20	5.81	30.60	5.22
	9	7.9	38.40	6.40	35.80	5.83	33.20	5.28	31.80	5.01	30.50	4.75	27.80	4.24
	11	9.8	35.70	5.27	33.10	4.77	30.40	4.30	29.10	4.07	27.70	3.85	25.00	3.41
	13	11.8	32.90	4.28	30.30	3.86	27.60	3.46	26.20	3.26	24.80	3.07	22.10	2.71
	15	13.7	30.00	3.45	27.30	3.10	24.60	2.76	23.20	2.60	21.80	2.44	19.00	2.13
120	-30	-30.2	18.60	7.74	18.40	7.80	18.30	7.87	18.20	7.90	18.10	7.93	18.00	7.99
	-24.8	-25	21.60	8.14	21.50	8.21	21.30	8.28	21.20	8.32	21.20	8.35	21.00	8.42
	-21.8	-22	23.60	8.37	23.40	8.45	23.20	8.52	23.10	8.56	23.10	8.59	22.90	8.66
	-19.8	-20	24.90	8.53	24.70	8.60	24.60	8.68	24.50	8.72	24.40	8.76	24.20	8.83
	-18.8	-19	25.60	8.61	25.40	8.68	25.20	8.76	25.10	8.80	25.10	8.84	24.90	8.91
	-16.7	-17	27.10	8.76	26.90	8.85	26.70	8.93	26.60	8.96	26.50	9.00	26.30	9.08
	-15	-15.9	27.90	8.86	27.70	8.94	27.50	9.02	27.40	9.06	27.30	9.10	27.10	9.18
	-13.7	-15	28.80	8.95	28.60	9.03	28.40	9.12	28.30	9.16	28.20	9.20	28.00	9.28
	-11.8	-13	30.20	9.09	29.90	9.18	29.70	9.26	29.60	9.30	29.50	9.35	29.30	9.43
	-9.8	-11	31.80	9.25	31.50	9.34	31.30	9.43	31.20	9.47	31.10	9.52	30.90	9.60
	-9.5	-10	32.60	9.33	32.30	9.42	32.10	9.51	32.00	9.55	31.80	9.60	31.60	9.68
	-8.5	-9.1	33.30	9.41	33.10	9.50	32.80	9.59	32.70	9.63	32.60	9.68	32.40	9.76
	-7	-7.6	34.60	9.53	34.40	9.63	34.10	9.72	34.00	9.76	33.90	9.81	33.10	9.61
	-5	-5.6	36.40	9.70	36.20	9.80	35.90	9.89	35.80	9.94	35.40	9.88	33.10	8.98
	-3	-3.7	38.20	9.87	37.90	9.97	37.70	10.06	36.60	9.68	35.40	9.25	33.10	8.41
	0	-0.7	41.10	10.14	40.20	9.93	37.80	9.12	36.60	8.73	35.40	8.34	33.10	7.59
	3	2.2	42.50	9.73	40.20	8.98	37.80	8.26	36.60	7.91	35.40	7.57	33.10	6.90
	5	4.1	40.20	8.24	37.90	7.58	35.50	6.95	34.30	6.64	33.10	6.33	30.70	5.74
	7	6	37.90	6.92	35.50	6.34	33.10	5.78	31.90	5.51	30.70	5.24	28.20	4.73
	9	7.9	35.50	5.76	33.10	5.26	30.60	4.77	29.40	4.53	28.20	4.30	25.70	3.86
	11	9.8	33.00	4.76	30.50	4.32	28.10	3.90	26.80	3.70	25.60	3.50	23.10	3.12
	13	11.8	30.40	3.88	27.90	3.51	25.40	3.16	24.20	2.99	22.90	2.82	20.40	2.49

2. ARUM100LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	27.70	3.15	25.20	2.84	22.70	2.54	21.40	2.40	20.10	2.25	17.60	1.98
110	-30	-30.2	18.50	7.78	18.30	7.85	18.20	7.91	18.10	7.94	18.10	7.97	17.90	8.03
	-24.8	-25	21.50	8.20	21.40	8.26	21.20	8.33	21.10	8.37	21.00	8.40	20.90	8.47
	-21.8	-22	23.40	8.44	23.20	8.51	23.10	8.58	23.00	8.62	22.90	8.65	22.70	8.72
	-19.8	-20	24.80	8.60	24.60	8.67	24.40	8.75	24.30	8.78	24.20	8.82	24.00	8.89
	-18.8	-19	25.40	8.68	25.30	8.76	25.10	8.83	25.00	8.87	24.90	8.91	24.70	8.98
	-16.7	-17	26.90	8.84	26.70	8.92	26.50	9.00	26.40	9.04	26.30	9.08	26.10	9.15
	-15	-15.9	27.70	8.94	27.50	9.02	27.30	9.10	27.20	9.14	27.10	9.18	26.90	9.26
	-13.7	-15	28.60	9.04	28.40	9.12	28.20	9.20	28.10	9.24	28.00	9.28	27.80	9.36
	-11.8	-13	29.90	9.19	29.70	9.27	29.50	9.35	29.40	9.40	29.30	9.44	29.10	9.52
	-9.8	-11	31.50	9.36	31.30	9.45	31.10	9.53	30.90	9.57	30.80	9.61	30.30	9.54
	-9.5	-10	32.30	9.44	32.00	9.53	31.80	9.61	31.70	9.66	31.60	9.70	30.30	9.24
	-8.5	-9.1	33.00	9.52	32.80	9.61	32.50	9.70	32.40	9.74	32.30	9.78	30.30	8.97
	-7	-7.6	34.30	9.65	34.10	9.74	33.80	9.83	33.60	9.81	32.50	9.38	30.30	8.53
	-5	-5.6	36.10	9.83	35.80	9.93	34.60	9.58	33.60	9.16	32.50	8.76	30.30	7.97
	-3	-3.7	37.80	10.01	36.80	9.76	34.60	8.96	33.60	8.58	32.50	8.20	30.30	7.47
	0	-0.7	39.00	9.52	36.80	8.79	34.60	8.09	33.60	7.75	32.50	7.41	30.30	6.76
	3	2.2	39.00	8.62	36.80	7.97	34.60	7.34	33.60	7.03	32.50	6.74	30.30	6.15
	5	4.1	36.90	7.32	34.70	6.75	32.50	6.19	31.40	5.92	30.30	5.65	28.10	5.14
	7	6	34.70	6.16	32.50	5.66	30.30	5.17	29.20	4.93	28.10	4.70	25.90	4.25
	9	7.9	32.50	5.15	30.30	4.71	28.10	4.29	26.90	4.08	25.80	3.88	23.60	3.49
	11	9.8	30.20	4.27	28.00	3.89	25.70	3.53	24.60	3.35	23.50	3.17	21.20	2.84
	13	11.8	27.90	3.50	25.60	3.18	23.30	2.87	22.20	2.72	21.00	2.57	18.70	2.29
	15	13.7	25.40	2.86	23.10	2.59	20.80	2.33	19.60	2.20	18.50	2.08	16.10	1.84
100	-30	-30.2	18.40	7.83	18.20	7.89	18.10	7.96	18.00	7.99	18.00	8.02	17.80	8.07
	-24.8	-25	21.40	8.26	21.20	8.33	21.10	8.39	21.00	8.43	20.90	8.46	20.80	8.53
	-21.8	-22	23.20	8.51	23.10	8.58	22.90	8.65	22.80	8.69	22.70	8.72	22.60	8.79
	-19.8	-20	24.60	8.68	24.40	8.75	24.20	8.83	24.10	8.86	24.00	8.90	23.90	8.97
	-18.8	-19	25.20	8.76	25.10	8.84	24.90	8.91	24.80	8.95	24.70	8.99	24.50	9.06
	-16.7	-17	26.60	8.94	26.40	9.02	26.20	9.09	26.20	9.13	26.10	9.17	25.90	9.24
	-15	-15.9	27.50	9.04	27.30	9.12	27.10	9.20	27.00	9.24	26.90	9.27	26.70	9.35
	-13.7	-15	28.30	9.14	28.10	9.23	27.90	9.31	27.80	9.34	27.70	9.38	27.60	9.46
	-11.8	-13	29.60	9.30	29.40	9.38	29.20	9.46	29.10	9.50	29.00	9.54	27.60	8.92
	-9.8	-11	31.20	9.48	31.00	9.56	30.70	9.65	30.50	9.63	29.50	9.20	27.60	8.37
	-9.5	-10	31.90	9.57	31.70	9.65	31.50	9.74	30.50	9.33	29.50	8.92	27.60	8.12
	-8.5	-9.1	32.70	9.65	32.40	9.74	31.50	9.45	30.50	9.05	29.50	8.65	27.60	7.87
	-7	-7.6	33.90	9.79	33.50	9.77	31.50	8.99	30.50	8.60	29.50	8.22	27.60	7.49
	-5	-5.6	35.40	9.88	33.50	9.13	31.50	8.39	30.50	8.04	29.50	7.69	27.60	7.01
	-3	-3.7	35.40	9.25	33.50	8.55	31.50	7.87	30.50	7.54	29.50	7.21	27.60	6.58
	0	-0.7	35.40	8.34	33.50	7.72	31.50	7.11	30.50	6.82	29.50	6.53	27.60	5.97
	3	2.2	35.40	7.57	33.50	7.01	31.50	6.47	30.50	6.21	29.50	5.95	27.60	5.45
	5	4.1	33.50	6.45	31.60	5.95	29.60	5.47	28.60	5.24	27.60	5.01	25.60	4.57
	7	6	31.60	5.44	29.60	5.01	27.60	4.59	26.60	4.39	25.60	4.18	23.50	3.79
	9	7.9	29.60	4.57	27.60	4.19	25.50	3.82	24.50	3.65	23.50	3.47	21.40	3.13
	11	9.8	27.50	3.81	25.50	3.48	23.40	3.17	22.40	3.01	21.30	2.86	19.20	2.57
	13	11.8	25.30	3.14	23.30	2.86	21.20	2.59	20.10	2.46	19.10	2.34	17.00	2.09
	15	13.7	23.10	2.59	21.00	2.35	18.90	2.12	17.90	2.01	16.80	1.90	14.60	1.70

2. ARUM100LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	18.20	7.89	18.10	7.95	18.00	8.01	17.90	8.04	17.80	8.07	17.70	8.13
	-24.8	-25	21.20	8.34	21.00	8.40	20.90	8.47	20.80	8.50	20.70	8.53	20.60	8.60
	-21.8	-22	23.00	8.60	22.90	8.67	22.70	8.74	22.60	8.77	22.50	8.80	22.40	8.87
	-19.8	-20	24.30	8.78	24.10	8.85	24.00	8.92	23.90	8.95	23.80	8.99	23.60	9.06
	-18.8	-19	25.00	8.87	24.80	8.94	24.60	9.01	24.50	9.05	24.50	9.08	24.30	9.15
	-16.7	-17	26.40	9.05	26.20	9.12	26.00	9.20	25.90	9.24	25.80	9.27	24.80	8.86
	-15	-15.9	27.20	9.16	27.00	9.23	26.80	9.31	26.70	9.35	26.60	9.36	24.80	8.51
	-13.7	-15	28.00	9.27	27.80	9.35	27.60	9.43	27.50	9.41	26.60	8.99	24.80	8.18
	-11.8	-13	29.30	9.43	29.10	9.51	28.30	9.28	27.50	8.87	26.60	8.48	24.80	7.71
	-9.8	-11	30.80	9.63	30.10	9.45	28.30	8.70	27.50	8.33	26.60	7.97	24.80	7.26
	-9.5	-10	31.50	9.72	30.10	9.16	28.30	8.43	27.50	8.08	26.60	7.73	24.80	7.05
	-8.5	-9.1	31.90	9.62	30.10	8.89	28.30	8.18	27.50	7.84	26.60	7.50	24.80	6.84
	-7	-7.6	31.90	9.14	30.10	8.45	28.30	7.78	27.50	7.46	26.60	7.14	24.80	6.52
	-5	-5.6	31.90	8.54	30.10	7.90	28.30	7.28	27.50	6.98	26.60	6.69	24.80	6.11
	-3	-3.7	31.90	8.00	30.10	7.41	28.30	6.83	27.50	6.55	26.60	6.28	24.80	5.75
	0	-0.7	31.90	7.23	30.10	6.70	28.30	6.19	27.50	5.94	26.60	5.70	24.80	5.22
	3	2.2	31.90	6.58	30.10	6.10	28.30	5.65	27.50	5.42	26.60	5.20	24.80	4.78
	5	4.1	30.20	5.62	28.40	5.20	26.60	4.79	25.70	4.60	24.80	4.40	23.00	4.02
	7	6	28.40	4.77	26.60	4.40	24.80	4.04	23.90	3.87	23.00	3.70	21.20	3.36
	9	7.9	26.60	4.02	24.80	3.70	23.00	3.39	22.00	3.23	21.10	3.08	19.30	2.79
	11	9.8	24.70	3.37	22.90	3.09	21.10	2.82	20.10	2.69	19.20	2.56	17.30	2.31
	13	11.8	22.80	2.80	20.90	2.56	19.10	2.33	18.10	2.22	17.20	2.11	15.30	1.90
	15	13.7	20.80	2.33	18.90	2.12	17.00	1.93	16.10	1.83	15.10	1.74	13.20	1.56
80	-30	-30.2	18.10	7.96	17.90	8.02	17.80	8.08	17.70	8.11	17.70	8.14	17.60	8.20
	-24.8	-25	21.00	8.43	20.80	8.50	20.70	8.56	20.60	8.59	20.50	8.62	20.40	8.68
	-21.8	-22	22.80	8.71	22.60	8.77	22.50	8.84	22.40	8.87	22.30	8.91	22.00	8.90
	-19.8	-20	24.00	8.90	23.90	8.96	23.70	9.03	23.60	9.07	23.50	9.10	22.00	8.34
	-18.8	-19	24.70	8.99	24.50	9.06	24.30	9.13	24.30	9.16	23.60	8.86	22.00	8.08
	-16.7	-17	26.00	9.18	25.80	9.26	25.20	9.05	24.40	8.67	23.60	8.30	22.00	7.57
	-15	-15.9	26.80	9.30	26.60	9.38	25.20	8.70	24.40	8.33	23.60	7.96	22.00	7.26
	-13.7	-15	27.70	9.42	26.80	9.08	25.20	8.35	24.40	8.00	23.60	7.65	22.00	6.98
	-11.8	-13	28.30	9.28	26.80	8.57	25.20	7.88	24.40	7.55	23.60	7.22	22.00	6.59
	-9.8	-11	28.30	8.70	26.80	8.05	25.20	7.42	24.40	7.11	23.60	6.80	22.00	6.21
	-9.5	-10	28.30	8.43	26.80	7.80	25.20	7.20	24.40	6.90	23.60	6.61	22.00	6.05
	-8.5	-9.1	28.30	8.18	26.80	7.57	25.20	6.99	24.40	6.70	23.60	6.42	22.00	5.88
	-7	-7.6	28.30	7.78	26.80	7.21	25.20	6.66	24.40	6.39	23.60	6.12	22.00	5.60
	-5	-5.6	28.30	7.28	26.80	6.75	25.20	6.24	24.40	5.99	23.60	5.74	22.00	5.26
	-3	-3.7	28.30	6.83	26.80	6.34	25.20	5.86	24.40	5.63	23.60	5.40	22.00	4.96
	0	-0.7	28.30	6.19	26.80	5.75	25.20	5.33	24.40	5.12	23.60	4.92	22.00	4.52
	3	2.2	28.30	5.65	26.80	5.25	25.20	4.87	24.40	4.68	23.60	4.50	22.00	4.14
	5	4.1	26.80	4.84	25.20	4.49	23.70	4.15	22.90	3.99	22.10	3.83	20.50	3.51
	7	6	25.30	4.13	23.70	3.82	22.10	3.52	21.30	3.38	20.40	3.23	18.80	2.95
	9	7.9	23.70	3.50	22.00	3.23	20.40	2.97	19.60	2.84	18.80	2.72	17.10	2.48
	11	9.8	22.00	2.96	20.40	2.72	18.70	2.50	17.90	2.39	17.10	2.28	15.40	2.07
	13	11.8	20.30	2.48	18.60	2.28	17.00	2.09	16.10	1.99	15.30	1.90	13.60	1.72
	15	13.7	18.50	2.08	16.80	1.91	15.10	1.74	14.30	1.66	13.40	1.58	11.70	1.43
70	-30	-30.2	17.90	8.06	17.70	8.11	17.60	8.17	17.60	8.20	17.50	8.23	17.40	8.28

2. ARUM100LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	20.70	8.55	20.60	8.61	20.40	8.67	20.30	8.70	20.30	8.73	19.30	8.21
	-21.8	-22	22.50	8.84	22.30	8.91	22.00	8.90	21.40	8.53	20.70	8.17	19.30	7.46
	-19.8	-20	23.70	9.04	23.40	9.05	22.00	8.34	21.40	8.00	20.70	7.66	19.30	6.99
	-18.8	-19	24.30	9.14	23.40	8.76	22.00	8.08	21.40	7.74	20.70	7.41	19.30	6.78
	-16.7	-17	24.80	8.86	23.40	8.20	22.00	7.57	21.40	7.26	20.70	6.95	19.30	6.36
	-15	-15.9	24.80	8.51	23.40	7.87	22.00	7.26	21.40	6.96	20.70	6.66	19.30	6.09
	-13.7	-15	24.80	8.18	23.40	7.57	22.00	6.98	21.40	6.69	20.70	6.41	19.30	5.86
	-11.8	-13	24.80	7.71	23.40	7.14	22.00	6.59	21.40	6.32	20.70	6.05	19.30	5.54
	-9.8	-11	24.80	7.26	23.40	6.72	22.00	6.21	21.40	5.95	20.70	5.71	19.30	5.22
	-9.5	-10	24.80	7.05	23.40	6.54	22.00	6.05	21.40	5.81	20.70	5.57	19.30	5.11
	-8.5	-9.1	24.80	6.85	23.40	6.35	22.00	5.88	21.40	5.64	20.70	5.42	19.30	4.97
	-7	-7.6	24.80	6.52	23.40	6.06	22.00	5.60	21.40	5.38	20.70	5.17	19.30	4.75
	-5	-5.6	24.80	6.11	23.40	5.68	22.00	5.26	21.40	5.06	20.70	4.86	19.30	4.47
	-3	-3.7	24.80	5.75	23.40	5.34	22.00	4.96	21.40	4.77	20.70	4.58	19.30	4.22
	0	-0.7	24.80	5.22	23.40	4.87	22.00	4.52	21.40	4.35	20.70	4.18	19.30	3.86
	3	2.2	24.80	4.78	23.40	4.46	22.00	4.14	21.40	3.99	20.70	3.84	19.30	3.55
	5	4.1	23.50	4.12	22.10	3.83	20.70	3.55	20.00	3.42	19.30	3.29	17.90	3.03
	7	6	22.10	3.53	20.70	3.28	19.30	3.03	18.60	2.92	17.90	2.80	16.50	2.57
	9	7.9	20.70	3.02	19.30	2.80	17.90	2.58	17.10	2.48	16.40	2.37	15.00	2.17
	11	9.8	19.20	2.57	17.80	2.38	16.40	2.19	15.70	2.10	14.90	2.01	13.50	1.84
	13	11.8	17.70	2.18	16.30	2.01	14.80	1.85	14.10	1.77	13.40	1.70	11.90	1.55
	15	13.7	16.20	1.84	14.70	1.70	13.20	1.57	12.50	1.50	11.80	1.44	10.20	1.31
60	-30	-30.2	17.60	8.17	17.50	8.23	17.40	8.28	17.30	8.31	17.30	8.34	16.50	7.94
	-24.8	-25	20.40	8.70	20.10	8.66	18.90	7.99	18.30	7.67	17.70	7.35	16.50	6.72
	-21.8	-22	21.30	8.48	20.10	7.86	18.90	7.26	18.30	6.96	17.70	6.68	16.50	6.11
	-19.8	-20	21.30	7.95	20.10	7.37	18.90	6.81	18.30	6.54	17.70	6.27	16.50	5.74
	-18.8	-19	21.30	7.70	20.10	7.14	18.90	6.60	18.30	6.33	17.70	6.08	16.50	5.57
	-16.7	-17	21.30	7.21	20.10	6.70	18.90	6.19	18.30	5.95	17.70	5.71	16.50	5.24
	-15	-15.9	21.30	6.91	20.10	6.41	18.90	5.93	18.30	5.69	17.70	5.46	16.50	5.01
	-13.7	-15	21.30	6.65	20.10	6.17	18.90	5.71	18.30	5.48	17.70	5.26	16.50	4.83
	-11.8	-13	21.30	6.28	20.10	5.83	18.90	5.40	18.30	5.18	17.70	4.97	16.50	4.57
	-9.8	-11	21.30	5.92	20.10	5.50	18.90	5.09	18.30	4.89	17.70	4.70	16.50	4.32
	-9.5	-10	21.30	5.77	20.10	5.37	18.90	4.98	18.30	4.79	17.70	4.61	16.50	4.24
	-8.5	-9.1	21.30	5.61	20.10	5.22	18.90	4.85	18.30	4.66	17.70	4.48	16.50	4.13
	-7	-7.6	21.30	5.35	20.10	4.99	18.90	4.63	18.30	4.46	17.70	4.28	16.50	3.95
	-5	-5.6	21.30	5.03	20.10	4.69	18.90	4.36	18.30	4.20	17.70	4.04	16.50	3.73
	-3	-3.7	21.30	4.74	20.10	4.42	18.90	4.11	18.30	3.96	17.70	3.82	16.50	3.53
	0	-0.7	21.30	4.33	20.10	4.04	18.90	3.77	18.30	3.63	17.70	3.50	16.50	3.24
	3	2.2	21.30	3.97	20.10	3.72	18.90	3.47	18.30	3.35	17.70	3.23	16.50	2.99
	5	4.1	20.10	3.44	18.90	3.22	17.70	3.00	17.10	2.89	16.50	2.78	15.30	2.57
	7	6	19.00	2.98	17.80	2.77	16.50	2.58	15.90	2.48	15.30	2.39	14.10	2.21
	9	7.9	17.70	2.56	16.50	2.39	15.30	2.22	14.70	2.13	14.10	2.05	12.90	1.89
	11	9.8	16.50	2.21	15.30	2.05	14.00	1.90	13.40	1.83	12.80	1.76	11.50	1.62
	13	11.8	15.20	1.89	14.00	1.76	12.70	1.63	12.10	1.57	11.50	1.51	10.20	1.39
	15	13.7	13.90	1.62	12.60	1.51	11.40	1.40	10.70	1.35	10.10	1.30	8.80	1.20
50	-30	-30.2	17.30	8.33	16.70	8.06	15.70	7.45	15.30	7.15	14.80	6.85	13.80	6.28
	-24.8	-25	17.70	7.35	16.70	6.82	15.70	6.31	15.30	6.07	14.80	5.82	13.80	5.34

2. ARUM100LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	17.70	6.68	16.70	6.21	15.70	5.75	15.30	5.53	14.80	5.31	13.80	4.88
	-19.8	-20	17.70	6.27	16.70	5.83	15.70	5.41	15.30	5.20	14.80	4.99	13.80	4.59
	-18.8	-19	17.70	6.08	16.70	5.65	15.70	5.24	15.30	5.04	14.80	4.84	13.80	4.46
	-16.7	-17	17.70	5.71	16.70	5.31	15.70	4.93	15.30	4.75	14.80	4.56	13.80	4.20
	-15	-15.9	17.70	5.46	16.70	5.09	15.70	4.72	15.30	4.54	14.80	4.36	13.80	4.02
	-13.7	-15	17.70	5.26	16.70	4.90	15.70	4.55	15.30	4.37	14.80	4.21	13.80	3.88
	-11.8	-13	17.70	4.98	16.70	4.64	15.70	4.31	15.30	4.15	14.80	3.99	13.80	3.68
	-9.8	-11	17.70	4.70	16.70	4.38	15.70	4.07	15.30	3.92	14.80	3.77	13.80	3.49
	-9.5	-10	17.70	4.61	16.70	4.30	15.70	4.00	15.30	3.86	14.80	3.72	13.80	3.44
	-8.5	-9.1	17.70	4.48	16.70	4.19	15.70	3.90	15.30	3.76	14.80	3.62	13.80	3.35
	-7	-7.6	17.70	4.28	16.70	4.01	15.70	3.73	15.30	3.60	14.80	3.47	13.80	3.21
	-5	-5.6	17.70	4.04	16.70	3.78	15.70	3.52	15.30	3.40	14.80	3.28	13.80	3.04
	-3	-3.7	17.70	3.82	16.70	3.57	15.70	3.34	15.30	3.22	14.80	3.11	13.80	2.89
	0	-0.7	17.70	3.50	16.70	3.28	15.70	3.07	15.30	2.97	14.80	2.87	13.80	2.67
	3	2.2	17.70	3.23	16.70	3.03	15.70	2.84	15.30	2.75	14.80	2.66	13.80	2.48
	5	4.1	16.80	2.82	15.80	2.65	14.80	2.48	14.30	2.40	13.80	2.31	12.80	2.16
	7	6	15.80	2.46	14.80	2.31	13.80	2.16	13.30	2.09	12.80	2.01	11.80	1.87
	9	7.9	14.80	2.15	13.80	2.01	12.80	1.88	12.20	1.82	11.70	1.75	10.70	1.63
	11	9.8	13.70	1.87	12.70	1.75	11.70	1.64	11.20	1.58	10.70	1.53	9.60	1.42
	13	11.8	12.70	1.63	11.60	1.52	10.60	1.43	10.10	1.38	9.50	1.33	8.50	1.24
	15	13.7	11.60	1.42	10.50	1.33	9.50	1.25	8.90	1.21	8.40	1.17	7.30	1.09

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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2.8 Capacity Correction Factor

2.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

2.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

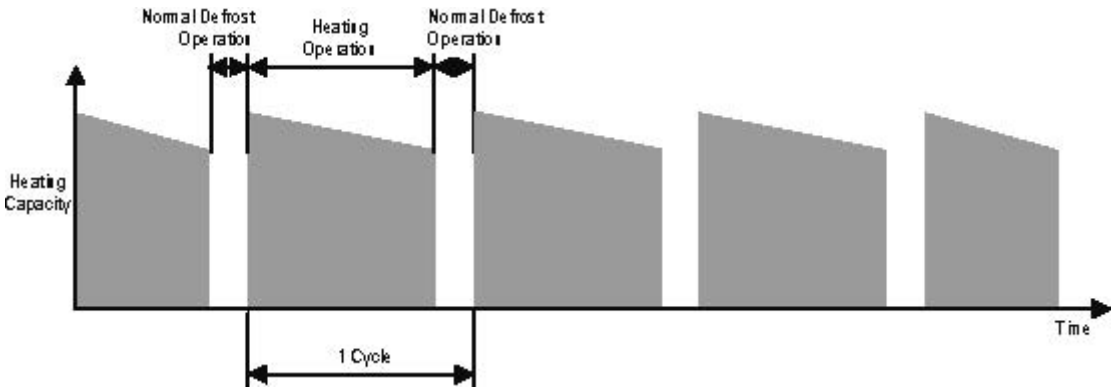
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

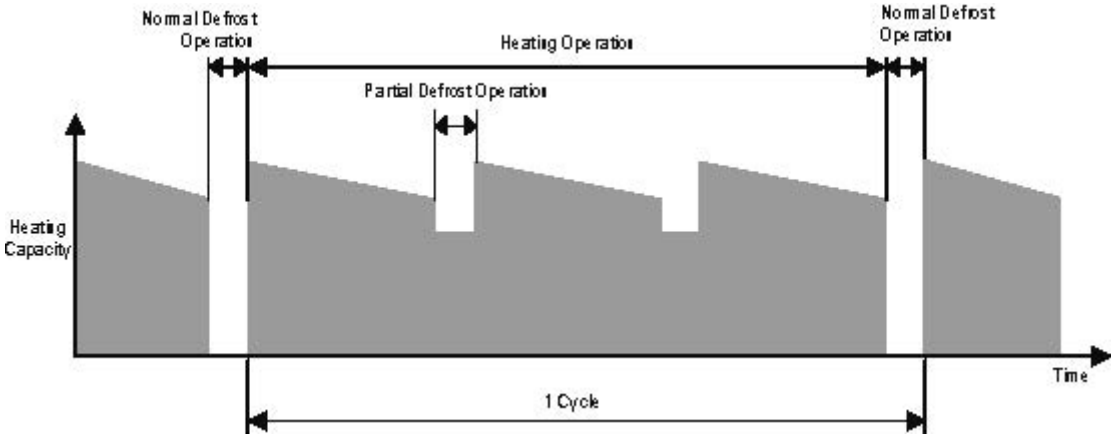
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



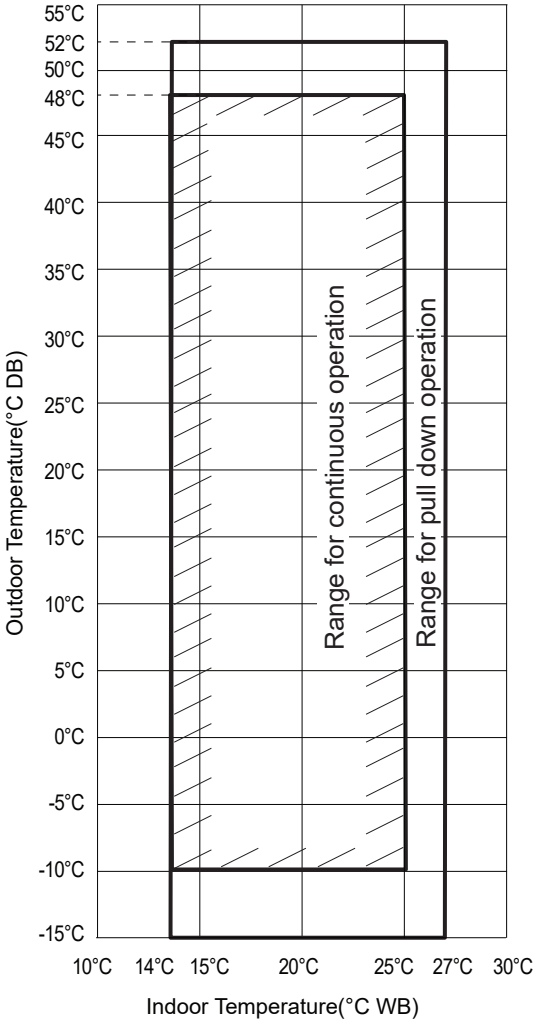
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

2.9 Operation Limits

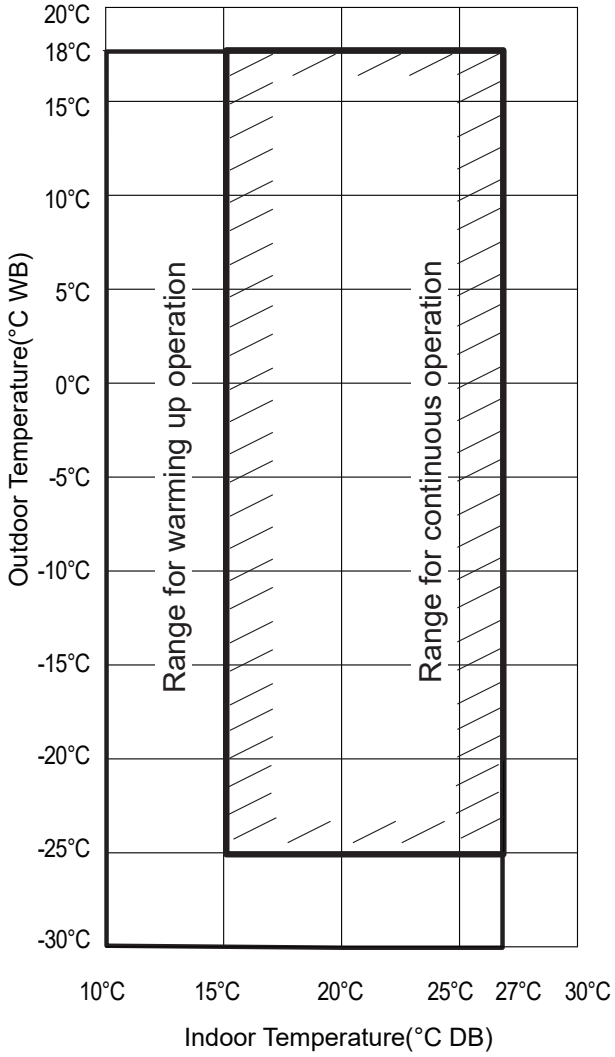
2.9.1 Cooling



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

2.9.2 Heating

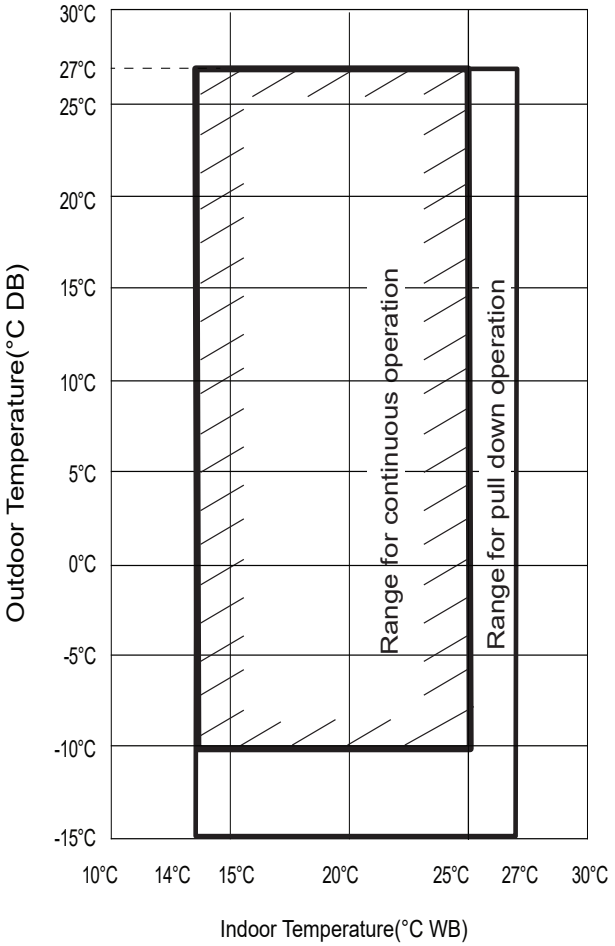


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

2. ARUM100LTE6

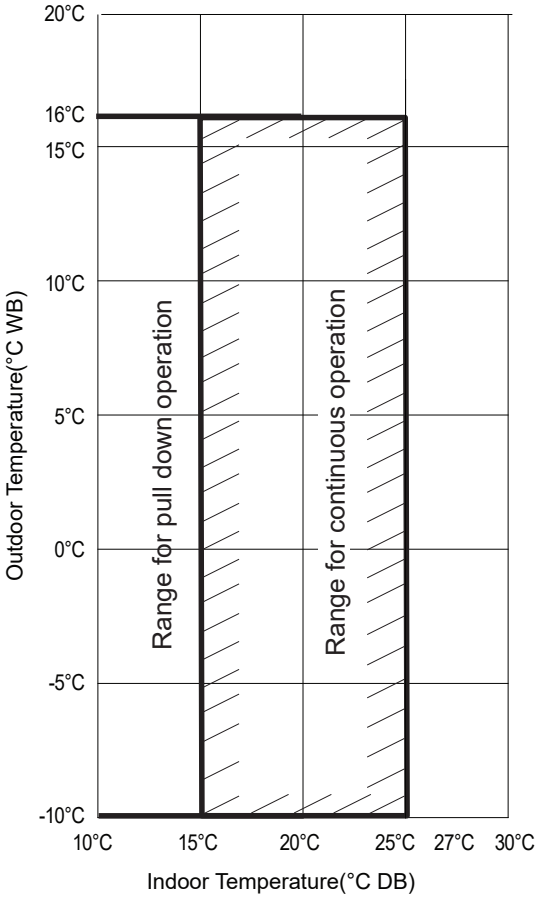
2.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

2.9.4 Simultaneous Operation (Heating)



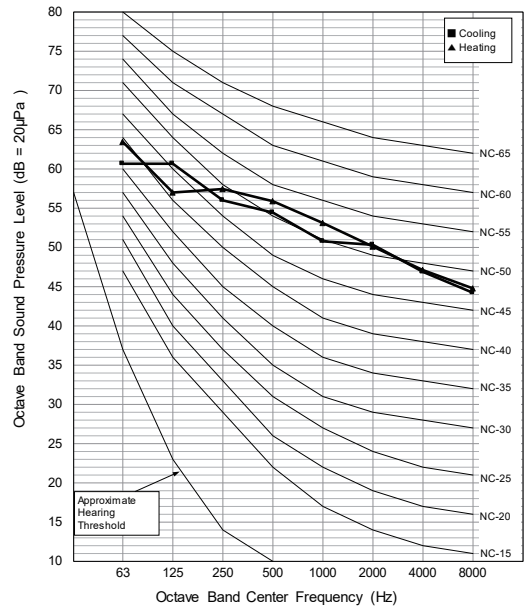
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

2. ARUM100LTE6

2.10 Sound Levels

2.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	60.6	60.7	56.0	54.4	50.8	50.3	46.8	44.2	*57.5*
Heating [dB]	63.5	57.0	57.4	55.9	53.1	50.1	47.2	44.7	*58.5*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	57.5	58.5	100	100
op4~op6, op11	57.0	58.0	95	95
op7~op9, op12	55.0	55.0	65	65

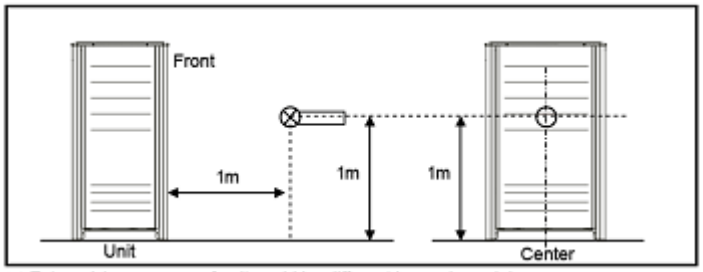
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	100
op3	60	100
op4	55	65
op5	50	45

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	57.5 / 58.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

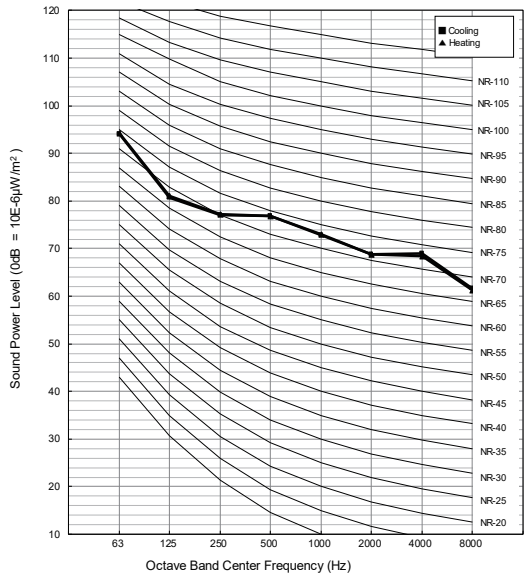
<Measurement Scene>



※ External Appearance of unit could be different by each model.

2. ARUM100LTE6

2.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	94.1	80.7	77.0	76.8	72.9	68.8	69.0	61.7	*79.0*
Heating [dB]	94.2	81.0	77.0	76.8	72.9	68.8	69.0	61.7	*79.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	79.0	80.0	100	100
op4~op6, op11	78.0	79.0	95	95
op7~op9, op12	77.0	77.0	65	65

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	79.0 / 79.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

3. ARUM120LTE6

3.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXA
	Combination Unit (1)	-	ARUM120LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	19.03 - 18.08 - 17.43
	Running Current by Voltage (Heating,Rated)	A	12.69 - 12.05 - 11.62
Cooling Capacity	Rated	kW	33.6
		Btu/h	114,600
Heating Capacity	Rated	kW	33.6
		Btu/h	114,600
	Max	kW	37.8
		Btu/h	129,000
Power Input(Cooling)	Rated	kW	11.65
Power Input(Heating)	Rated	kW	7.77
Efficiency	EER(Rated)	W/W	2.88
	COP(Rated)	W/W	4.32
	SEER	Wh/Wh	7.94
	SCOP	Wh/Wh	4.99
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	220 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	1,200 x 1
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1
	Number of Revolution	rev./min	3,600
	Motor Output	W x No.	5,300 x 1
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	1
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	930 x 1,745 x 760
	Shipping(W x H x D)	mm	965 x 1,919 x 802
Weight	Net	kg	215
	Shipping	kg	225
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

3. ARUM120LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	9.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	19.831
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ12.7 (1/2)
	Gas	mm(inch)	Φ28.58 (1-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ19.05 (3/4)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	59.0 / 60.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	80.0 / 82.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	25.5
	Maximum Fuse Amperes (MFA)	A	32
	Total Over Current Amperes (TOCA)	A	28.0
	Comp_Maximum Starting Current (MSC)	A	5.9
	Comp_Rated Load Amperes (Cooling)	A	16.5
	Comp_Rated Load Amperes (Heating)	A	10.2
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	2.5
Connectable indoor units number	Max. (Conditional)	Units	20(30)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

3. ARUM120LTE6

3.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

3. ARUM120LTE6

3.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

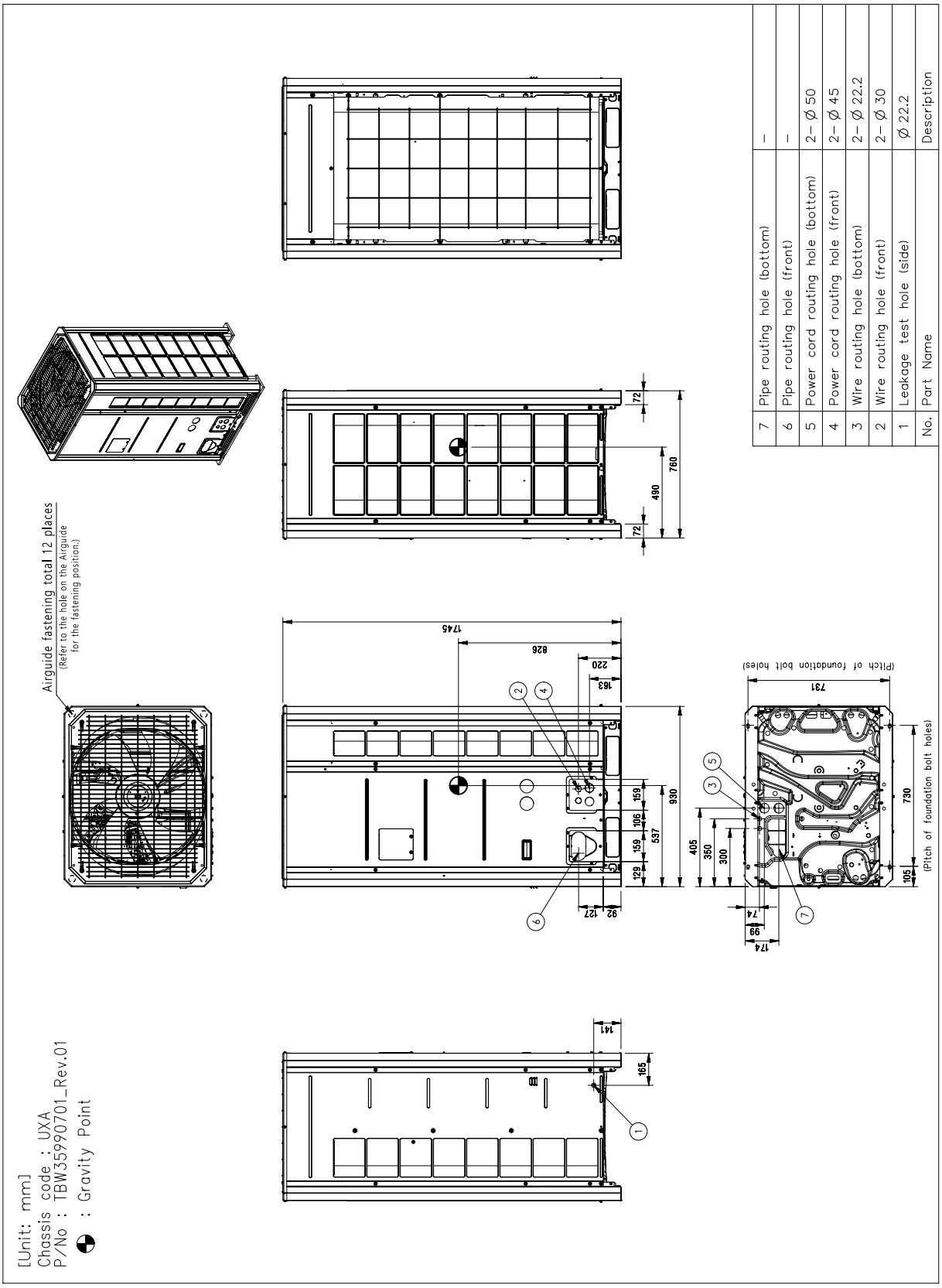
Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

3. ARUM120LTE6

3.4 Dimensions

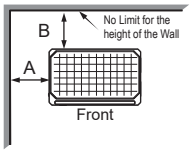
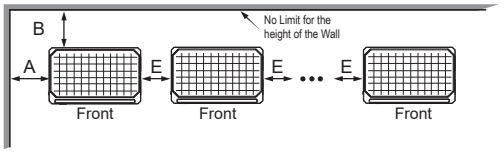
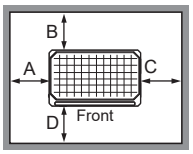
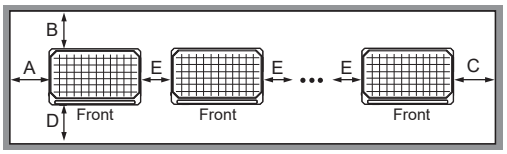
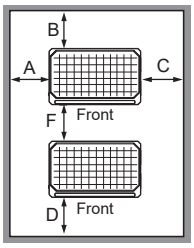
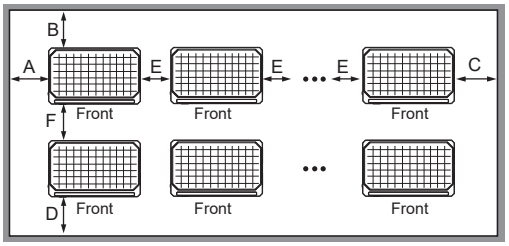
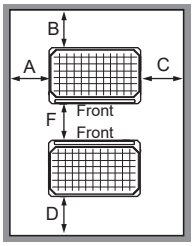
3.4.1 Product



3. ARUM120LTE6

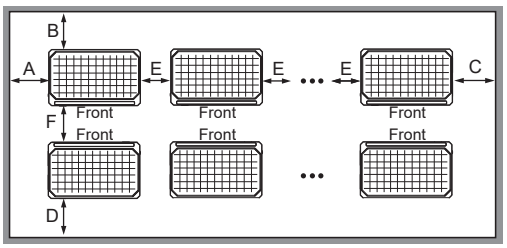
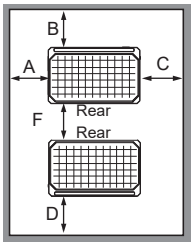
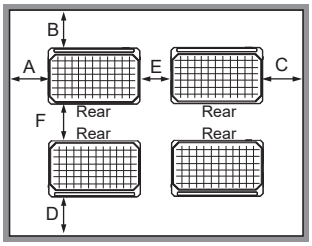
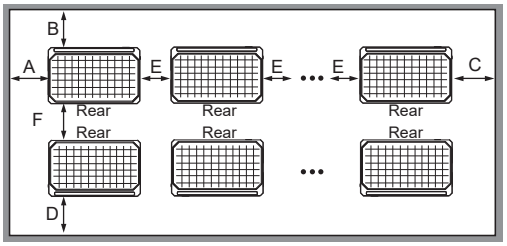
3.4.2 Installation Space

[Unit : mm(inch)]

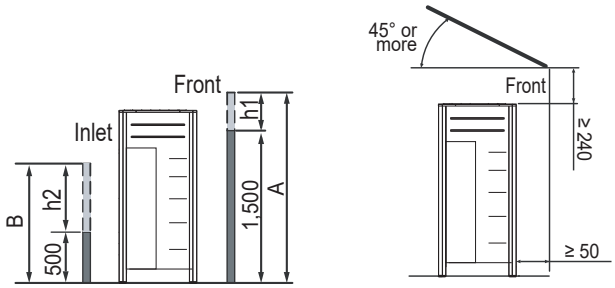
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

3. ARUM120LTE6

[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

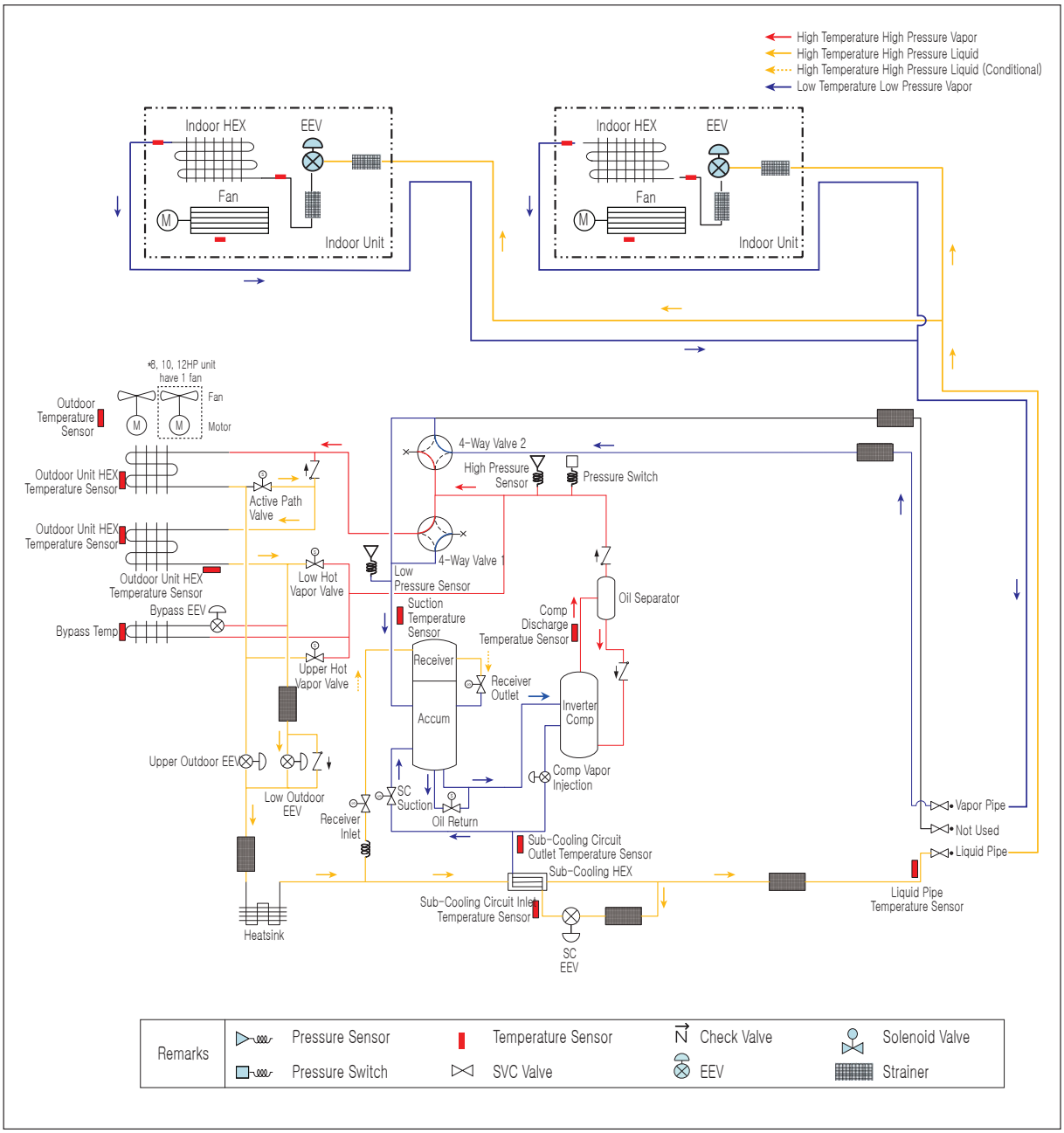
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

3. ARUM120LTE6

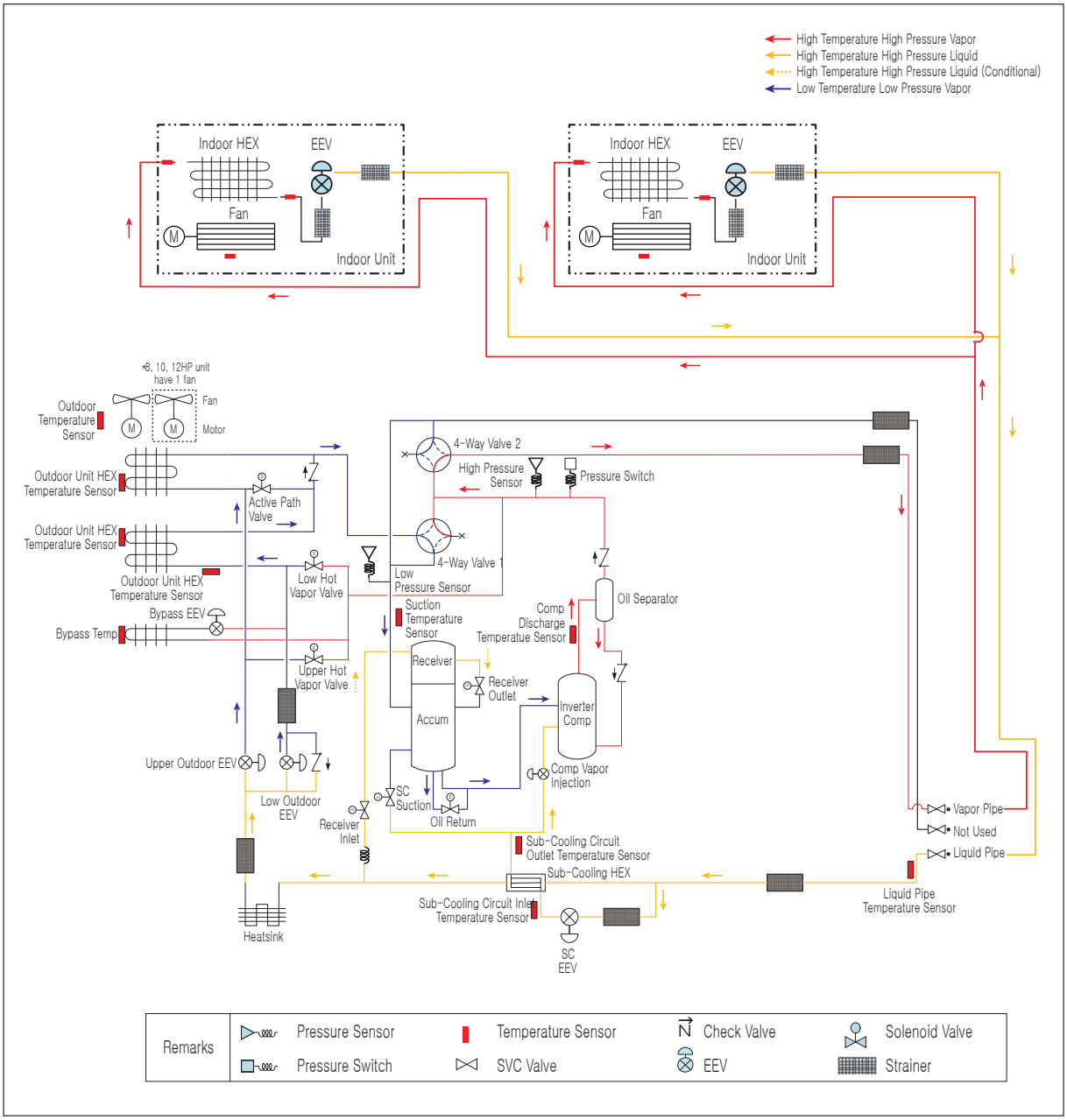
3.5 Piping Diagrams

3.5.1 Heat Pump : Cooling



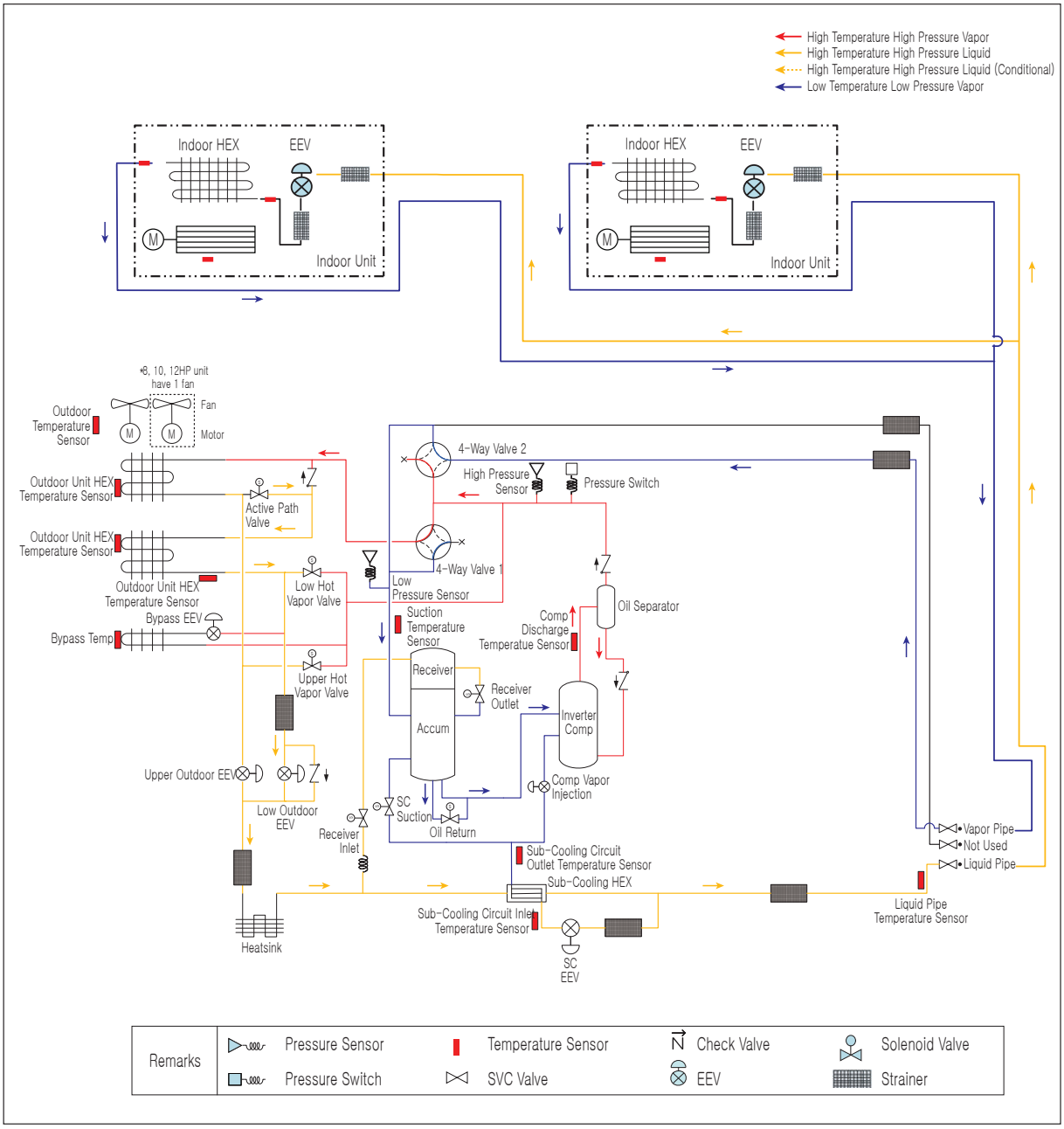
3. ARUM120LTE6

3.5.2 Heat Pump : Heating

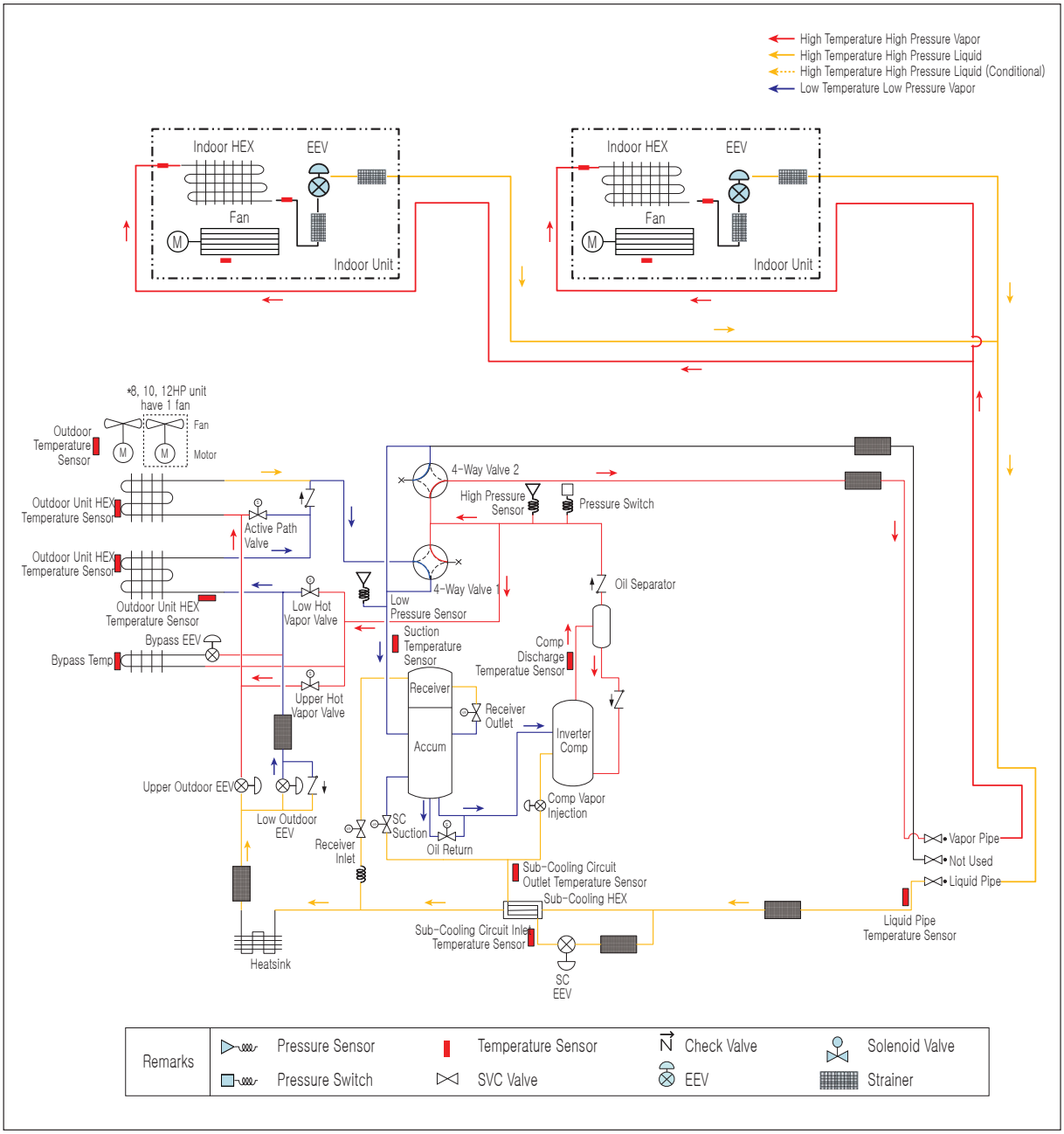


3. ARUM120LTE6

3.5.3 Heat Pump : Defrost / Oil Return

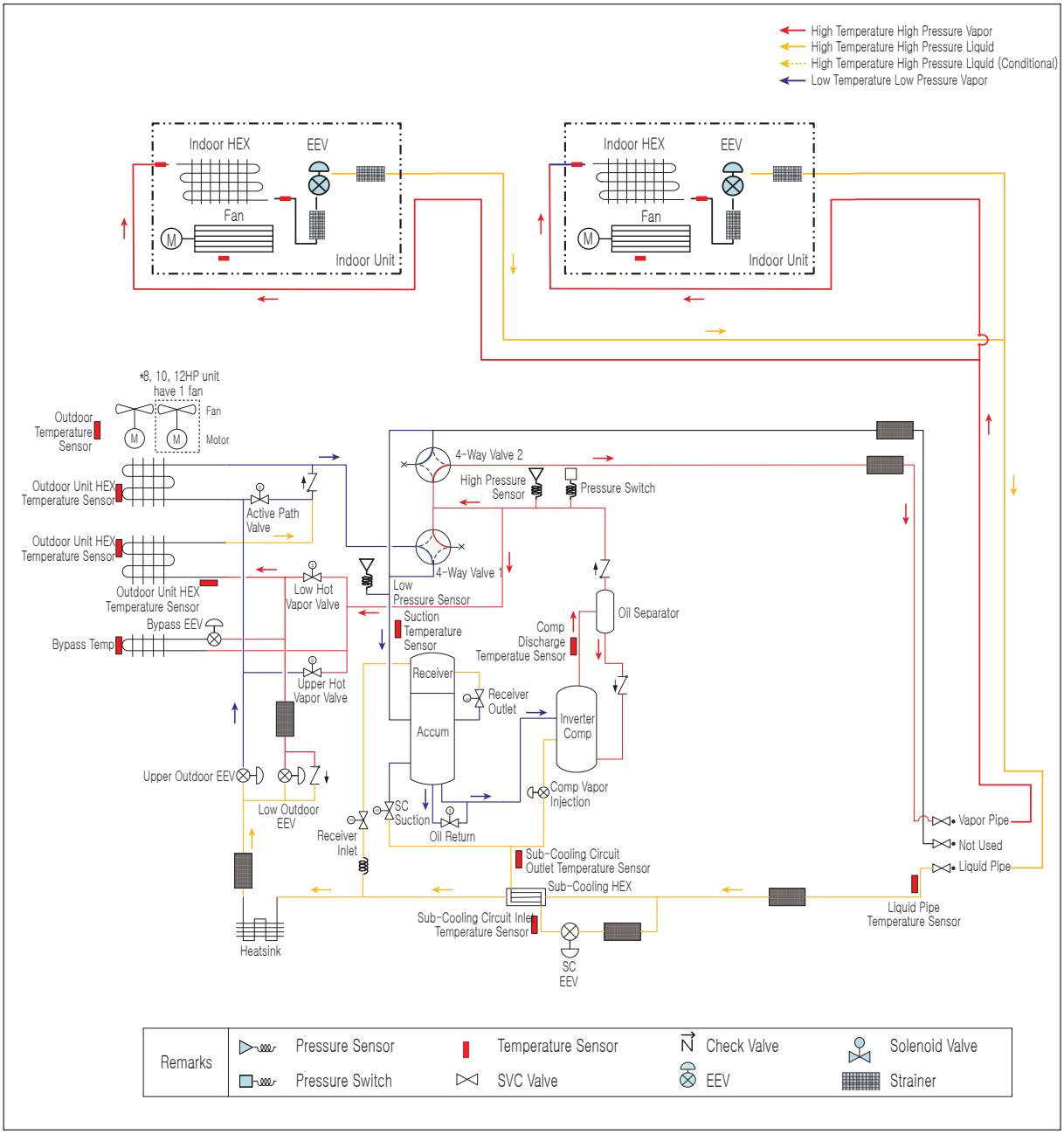


3.5.4 Heat Pump : Upper HEX Defrost



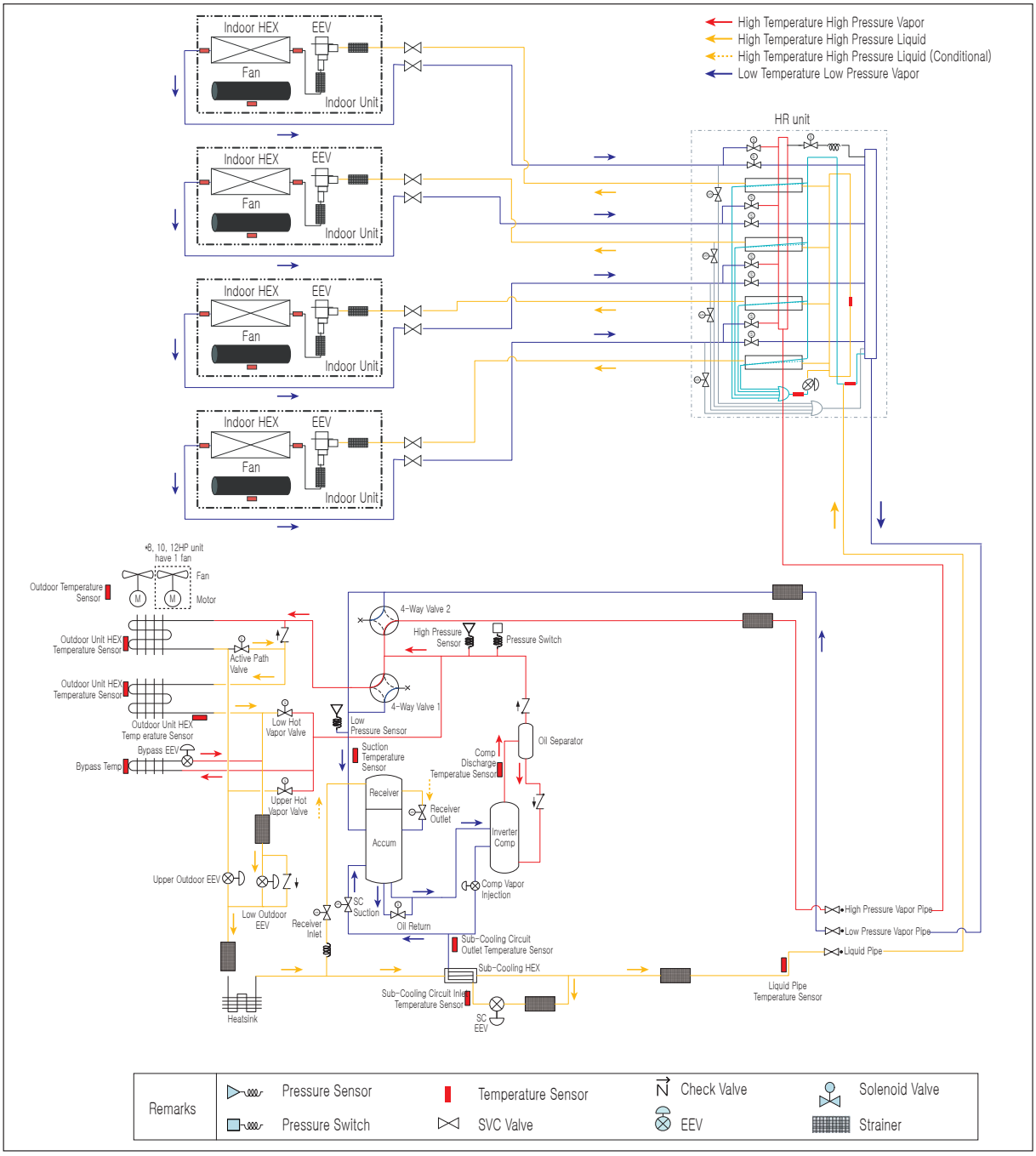
3. ARUM120LTE6

3.5.5 Heat Pump : Lower HEX Defrost



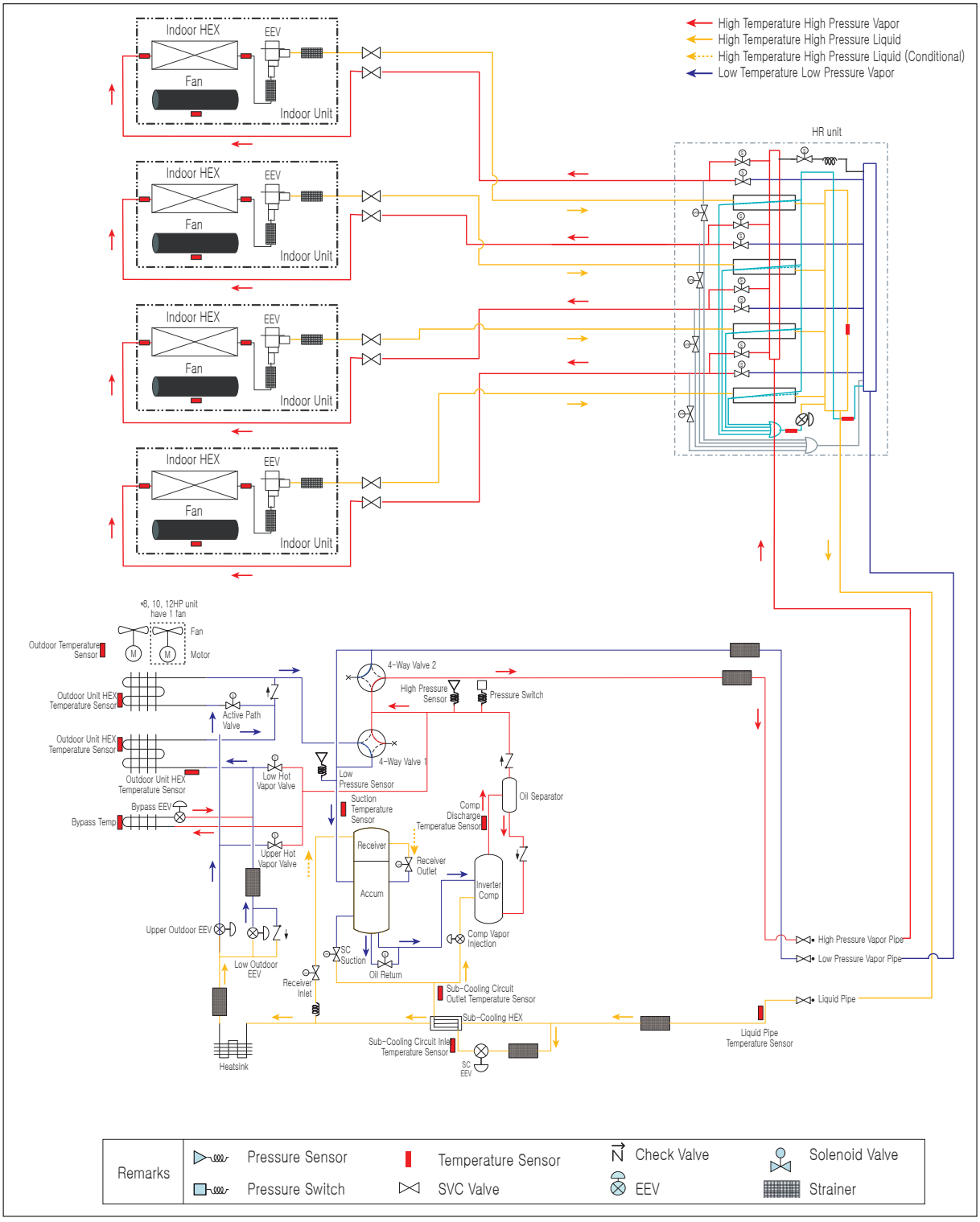
3. ARUM120LTE6

3.5.6 Heat Recovery : Cooling



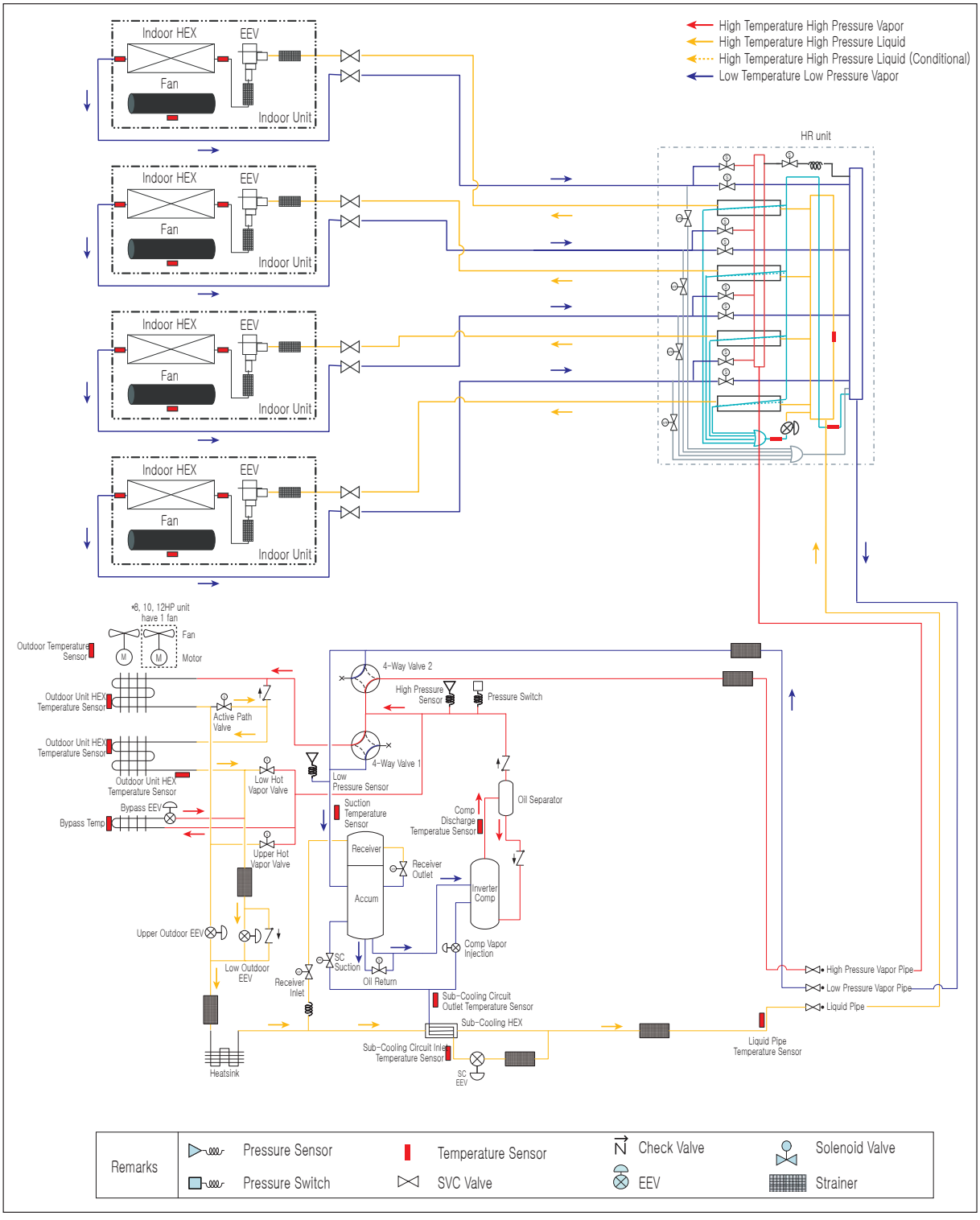
3. ARUM120LTE6

3.5.7 Heat Recovery : Heating



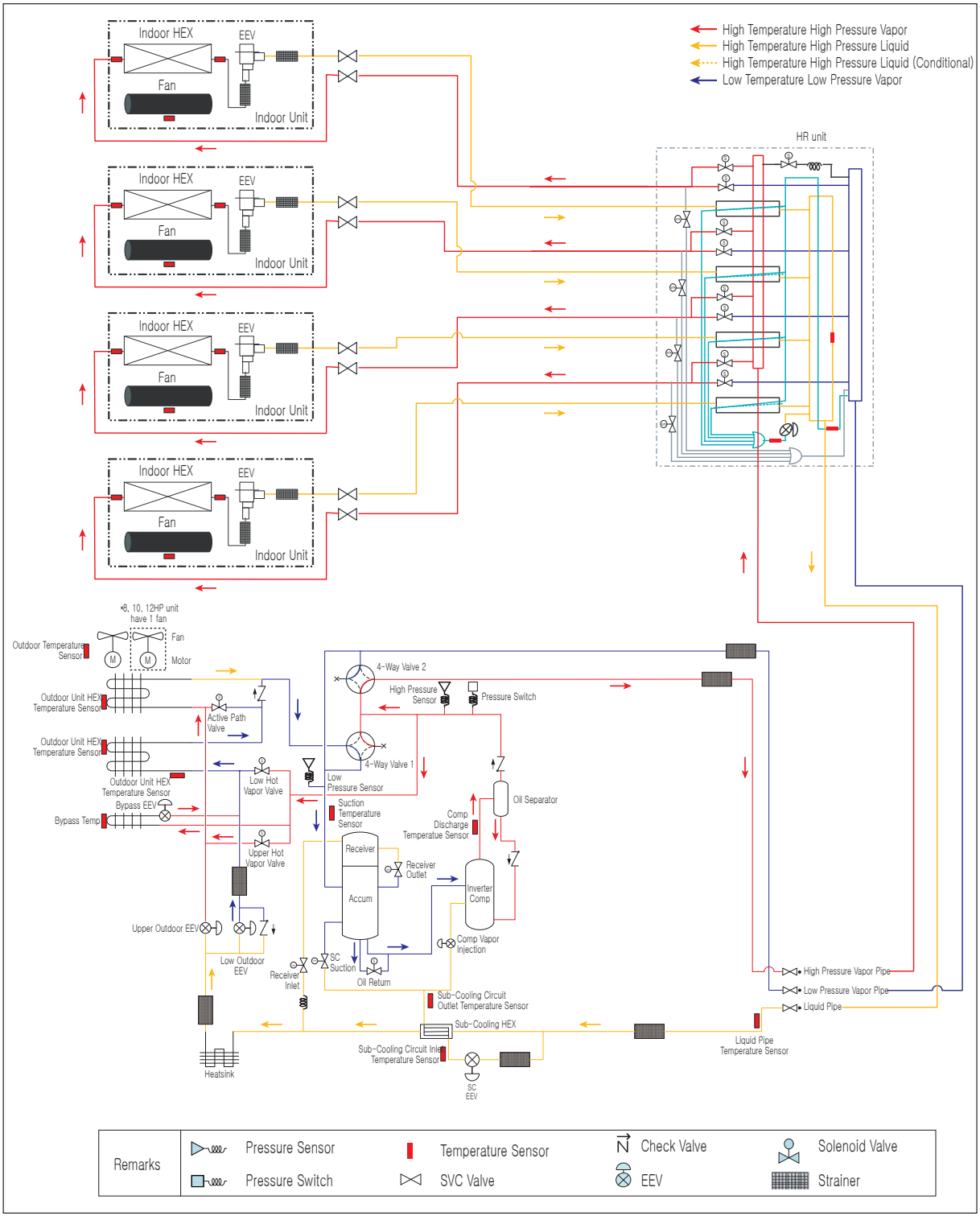
3. ARUM120LTE6

3.5.8 Heat Recovery : Defrost / Oil Return



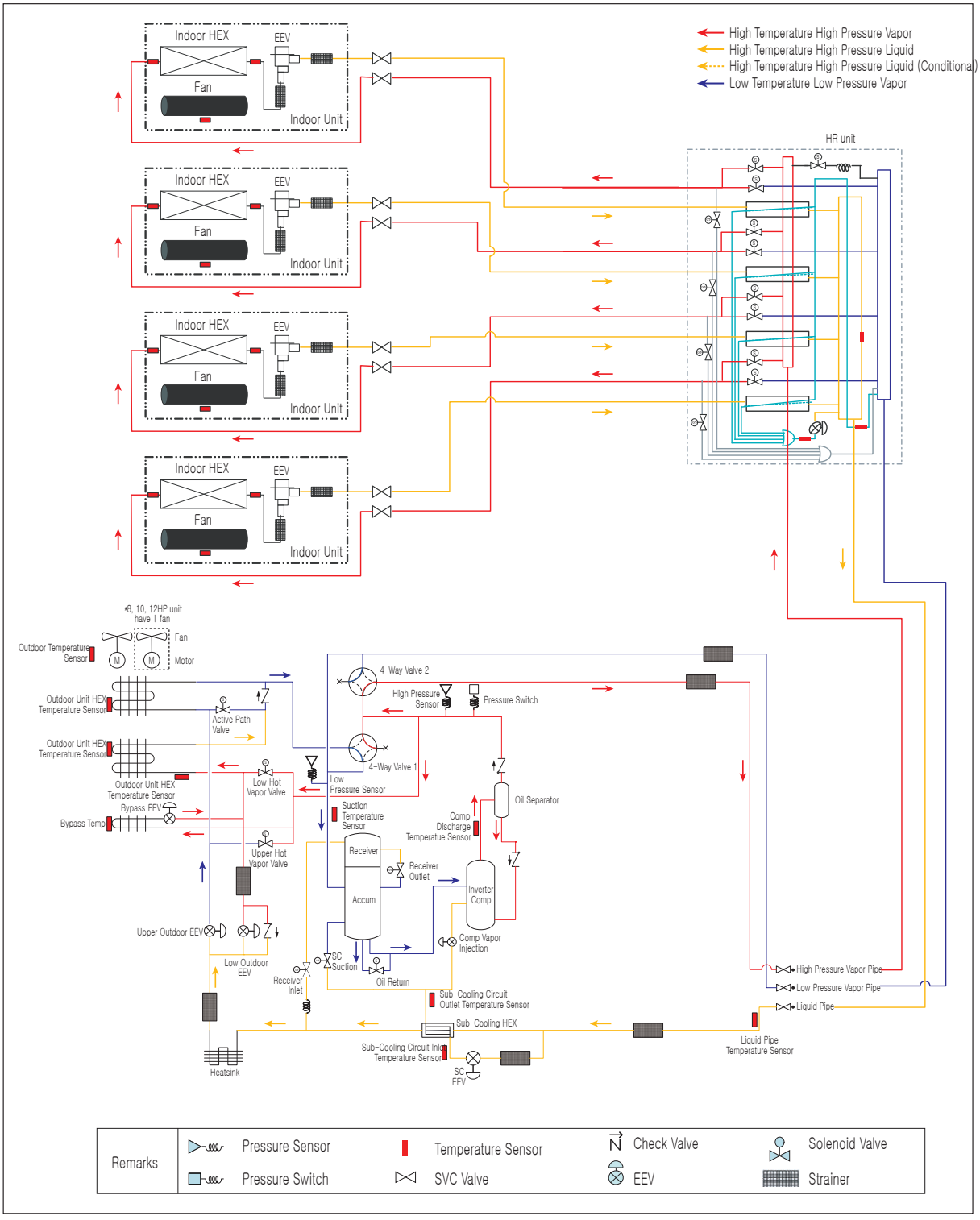
3. ARUM120LTE6

3.5.9 Heat Recovery : Upper HEX Defrost



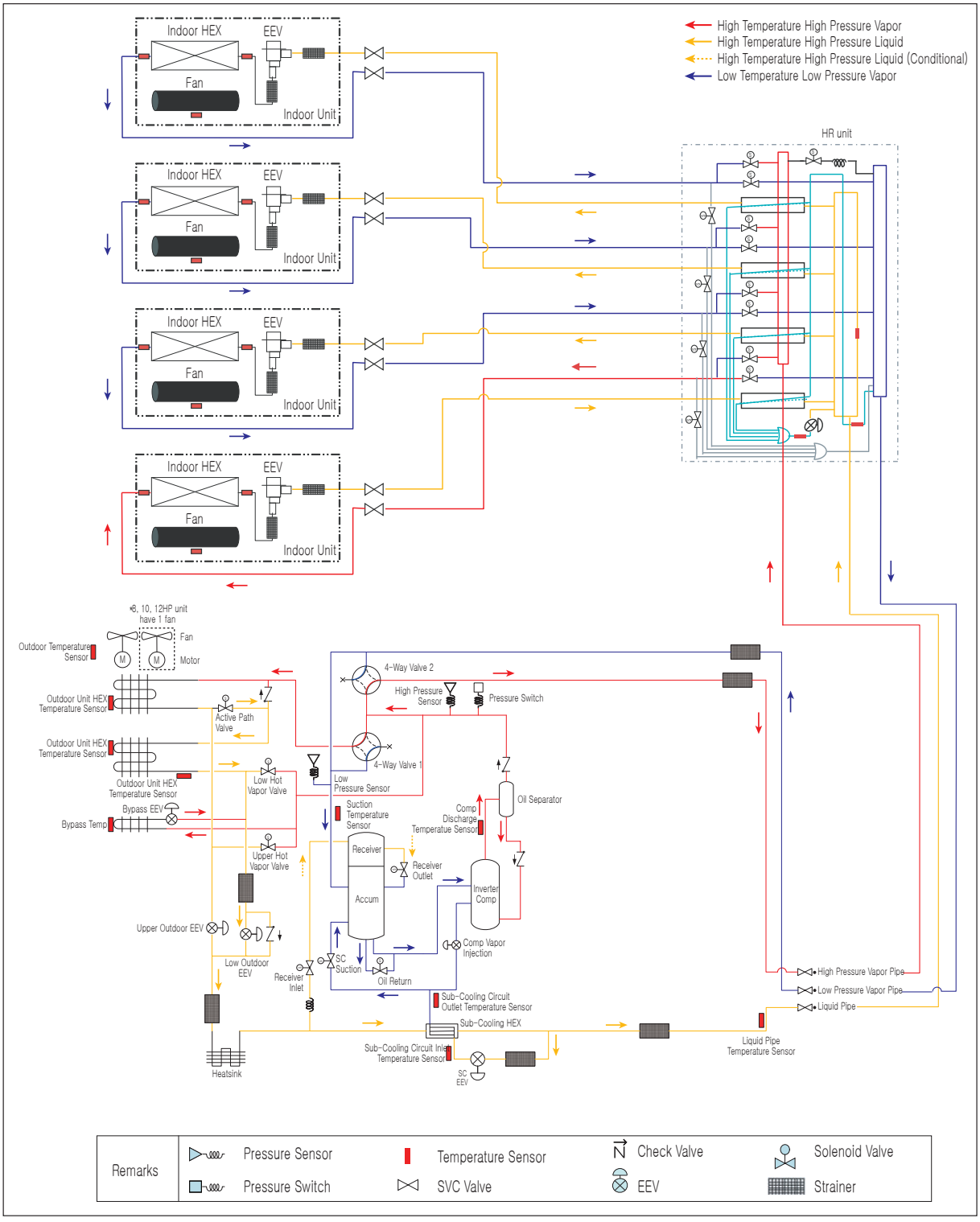
3. ARUM120LTE6

3.5.10 Heat Recovery : Lower HEX Defrost



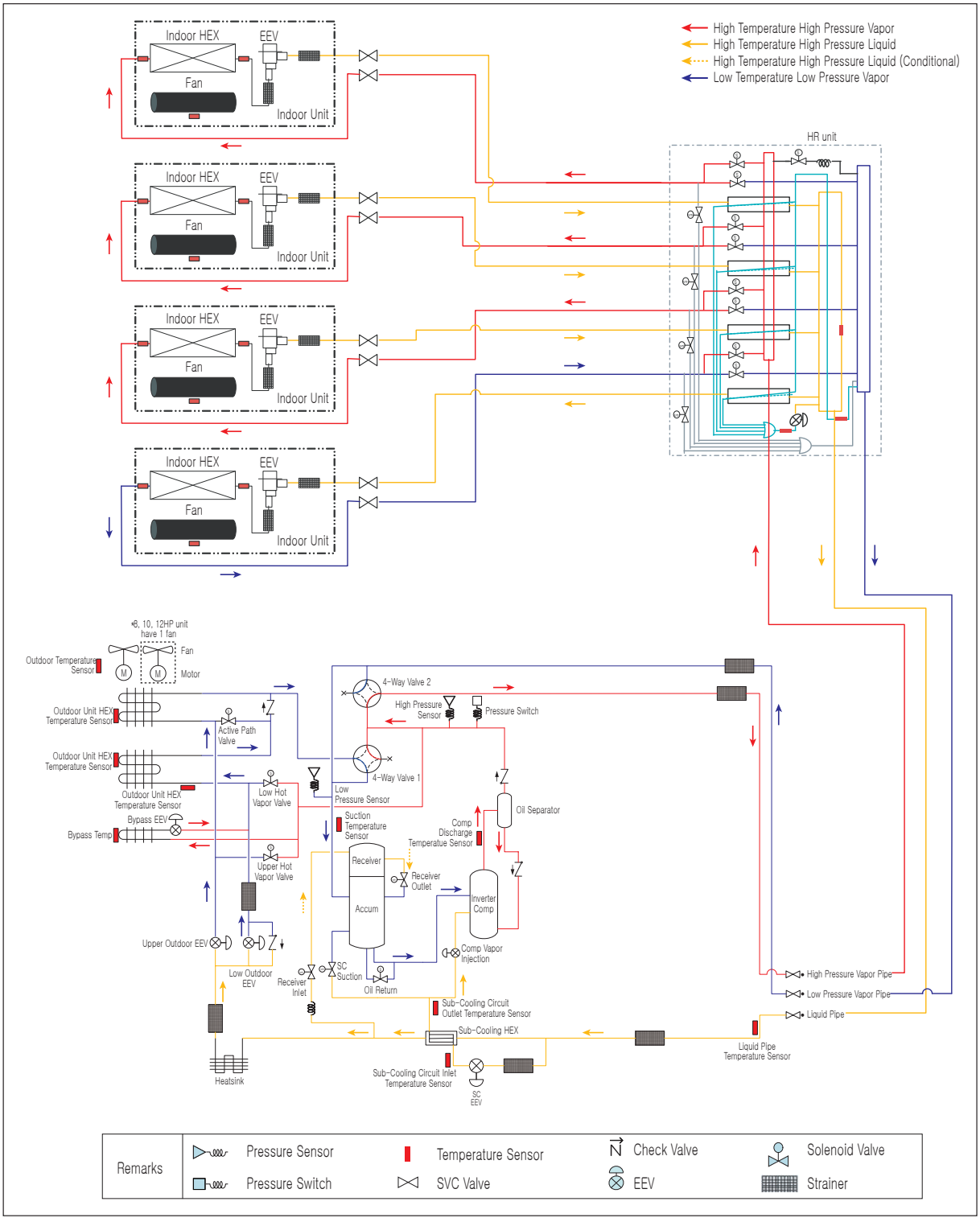
3. ARUM120LTE6

3.5.11 Heat Recovery : Cooling-based Simultaneous Operation

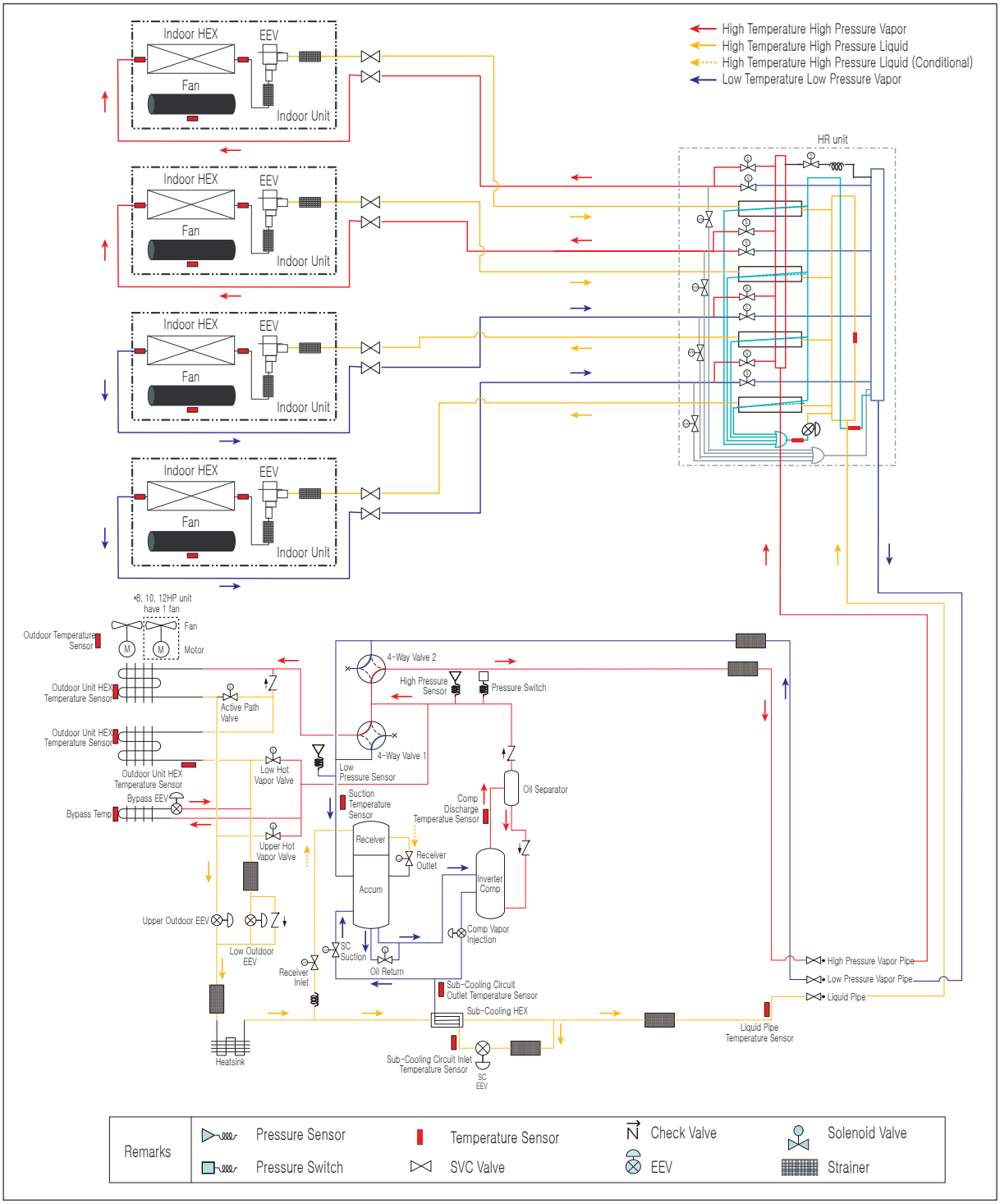


3. ARUM120LTE6

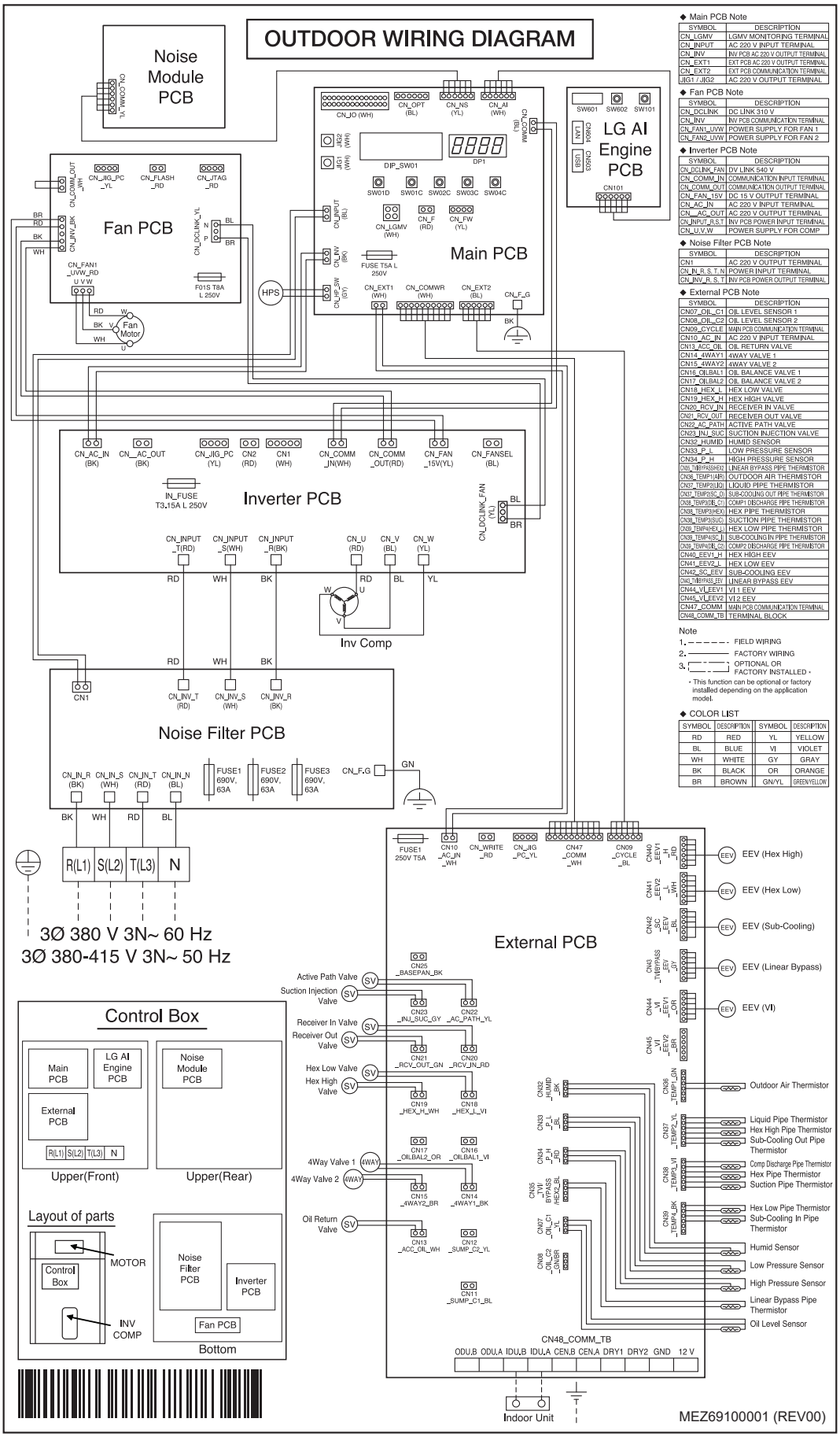
3.5.12 Heat Recovery : Heating-based Simultaneous Operation



3.5.13 Heat Recovery : Balanced Simultaneous Operation



3.6 Wiring Diagrams



◆ Main PCB Note

SYMBOL	DESCRIPTION
CN_LGMV	LGMV MONITORING TERMINAL
CN_INPUT	AC 220 V INPUT TERMINAL
CN_INV	INV PCB AC 220 V OUTPUT TERMINAL
CN_EXT1	EXT PCB AC 220 V OUTPUT TERMINAL
CN_EXT2	EXT PCB COMMUNICATION TERMINAL
JIG1 / JIG2	AC 220 V OUTPUT TERMINAL

◆ Fan PCB Note

SYMBOL	DESCRIPTION
CN_DCLINK	DC LINK 310 V
CN_INV	INV PCB COMMUNICATION TERMINAL
CN_FAN1_UVW	POWER SUPPLY FOR FAN 1
CN_FAN2_UVW	POWER SUPPLY FOR FAN 2

◆ Inverter PCB Note

SYMBOL	DESCRIPTION
CN_DCLINK_FAN	DV LINK 540 V
CN_COMM_IN	COMMUNICATION INPUT TERMINAL
CN_COMM_OUT	COMMUNICATION OUTPUT TERMINAL
CN_FAN_15V	DC 15 V OUTPUT TERMINAL
CN_AC_IN	AC 220 V INPUT TERMINAL
CN_AC_OUT	AC 220 V OUTPUT TERMINAL
CN_INPUT_R,S,T	INV PCB POWER INPUT TERMINAL
CN_U,V,W	POWER SUPPLY FOR COMP

◆ Noise Filter PCB Note

SYMBOL	DESCRIPTION
CN1	AC 220 V OUTPUT TERMINAL
CN_IN_R, S, T, N	POWER INPUT TERMINAL
CN_INV_R, S, T	INV PCB POWER OUTPUT TERMINAL

◆ External PCB Note

SYMBOL	DESCRIPTION
CN07_OIL_C1	OIL LEVEL SENSOR 1
CN08_OIL_C2	OIL LEVEL SENSOR 2
CN09_CYCLE	MAIN PCB COMMUNICATION TERMINAL
CN10_AC_IN	AC 220 V INPUT TERMINAL
CN13_ACC_OIL	OIL RETURN VALVE
CN14_4WAY1	4WAY VALVE 1
CN15_4WAY2	4WAY VALVE 2
CN16_OILBAL1	OIL BALANCE VALVE 1
CN17_OILBAL2	OIL BALANCE VALVE 2
CN18_HEX_L	HEX LOW VALVE
CN19_HEX_H	HEX HIGH VALVE
CN20_RCV_IN	RECEIVER IN VALVE
CN21_RCV_OUT	RECEIVER OUT VALVE
CN22_AC_PATH	ACTIVE PATH VALVE
CN23_INJ_SUC	SUCTION INJECTION VALVE
CN32_HUMID	HUMID SENSOR
CN33_P_L	LOW PRESSURE SENSOR
CN34_P_H	HIGH PRESSURE SENSOR
CN35_TVBYPASS(HEX)	LINEAR BYPASS PIPE THERMISTOR
CN36_TEMP1(AIR)	OUTDOOR AIR THERMISTOR
CN37_TEMP2(LIQ)	LIQUID PIPE THERMISTOR
CN37_TEMP2(SC_O)	SUB-COOLING OUT PIPE THERMISTOR
CN38_TEMP3(DB_C1)	COMP1 DISCHARGE PIPE THERMISTOR
CN38_TEMP3(HEX)	HEX PIPE THERMISTOR
CN38_TEMP3(SUC)	SUCTION PIPE THERMISTOR
CN39_TEMP4(HEX_L)	HEX LOW PIPE THERMISTOR
CN39_TEMP4(SC_I)	SUB-COOLING IN PIPE THERMISTOR
CN39_TEMP4(DB_C2)	COMP2 DISCHARGE PIPE THERMISTOR
CN40_EEV1_H	HEX HIGH EEV
CN41_EEV2_L	HEX LOW EEV
CN42_SC_EEV	SUB-COOLING EEV
CN43_TVBYPASS_EEV	LINEAR BYPASS EEV
CN44_VI_EEV1	VI 1 EEV
CN45_VI_EEV2	VI 2 EEV
CN47_COMM	MAIN PCB COMMUNICATION TERMINAL
CN48_COMM_TB	TERMINAL BLOCK

Note

1. ------ FIELD WIRING
2. ——— FACTORY WIRING
3. - - - OPTIONAL OR FACTORY INSTALLED *

* This function can be optional or factory installed depending on the application model.

◆ COLOR LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
RD	RED	YL	YELLOW
BL	BLUE	VI	VIOLET
WH	WHITE	GY	GRAY
BK	BLACK	OR	ORANGE
BR	BROWN	GN/YL	GREEN/YELLOW

3. ARUM120LTE6

3.7 Capacity Tables

3.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	26.20	2.85	33.10	4.17	40.50	6.37	43.70	7.32	47.20	8.48	50.20	9.54	52.50	10.42
	12	26.20	3.14	33.10	4.59	40.50	6.93	43.70	7.90	47.20	9.06	50.20	10.09	52.50	10.91
	14	26.20	3.45	33.10	5.06	40.50	7.53	43.70	8.53	47.20	9.69	50.20	10.69	52.50	11.45
	16	26.20	3.80	33.10	5.58	40.50	8.18	43.70	9.20	47.20	10.37	50.20	11.35	52.50	12.05
	18	26.20	4.18	33.10	6.14	40.50	8.88	43.70	9.93	47.20	11.11	50.20	12.02	52.20	12.44
	20	26.20	4.60	33.10	6.75	40.50	9.63	43.70	10.71	47.20	11.67	50.20	12.37	51.80	12.65
	21	26.20	4.82	33.10	7.08	40.50	10.03	43.70	10.95	47.20	11.89	50.20	12.56	51.60	12.78
	23	26.20	5.31	33.10	7.78	40.50	10.53	43.70	11.43	47.20	12.35	50.20	12.97	51.10	13.11
	25	26.20	5.84	33.10	8.35	40.50	11.05	43.70	11.95	47.20	12.86	49.80	13.39	50.50	13.50
	27	26.20	6.32	33.10	8.88	40.50	11.60	43.70	12.52	47.20	13.43	49.30	13.84	50.00	13.96
	29	26.20	6.73	33.10	9.44	40.50	12.19	43.70	13.14	47.20	14.06	48.70	14.36	49.30	14.49
	31	26.20	7.16	33.10	10.05	40.50	12.84	43.70	13.82	47.20	14.79	48.00	14.95	48.70	15.09
	33	26.20	7.63	33.10	10.70	40.50	13.54	43.70	14.59	46.50	15.43	47.30	15.60	48.00	15.75
	35	26.20	8.13	33.10	11.42	40.50	14.33	43.70	15.47	45.80	16.13	46.60	16.32	47.30	16.48
	37	26.20	8.66	33.10	12.20	40.50	15.21	43.10	16.25	43.10	16.26	43.10	16.25	43.00	16.25
	39	26.20	9.23	33.10	12.92	40.10	16.03	40.10	16.02	40.10	16.02	40.10	16.03	40.10	16.03
	41	26.20	9.84	33.10	13.70	37.20	15.68	37.20	15.67	37.20	15.68	37.20	15.66	37.20	15.66
	43	26.20	10.50	33.10	14.57	34.40	15.23	34.40	15.23	34.40	15.22	34.40	15.21	34.30	15.21
	46	26.20	11.61	30.30	14.44	30.30	14.44	30.30	14.43	30.30	14.44	30.30	14.44	30.20	14.42
	48	26.20	12.45	27.70	13.55	27.70	13.53	27.70	13.56	27.80	13.67	27.70	13.53	27.70	13.54
	50	25.30	12.63	25.20	12.62	25.20	12.60	25.20	12.61	25.20	12.62	25.20	12.62	25.20	12.60
	52	22.40	10.97	22.80	10.35	22.80	9.73	22.80	9.60	22.80	9.46	22.90	9.35	22.90	9.26
120	10	24.20	2.57	30.60	3.61	37.40	5.32	40.30	6.28	43.50	7.28	46.30	8.18	48.50	8.93
	12	24.20	2.82	30.60	3.98	37.40	5.85	40.30	6.86	43.50	7.86	46.30	8.77	48.50	9.50
	14	24.20	3.09	30.60	4.39	37.40	6.42	40.30	7.46	43.50	8.49	46.30	9.40	48.50	10.12
	16	24.20	3.39	30.60	4.84	37.40	7.04	40.30	8.10	43.50	9.16	46.30	10.08	48.50	10.80
	18	24.20	3.73	30.60	5.33	37.40	7.72	40.30	8.80	43.50	9.89	46.30	10.82	48.50	11.53
	20	24.20	4.09	30.60	5.87	37.40	8.47	40.30	9.55	43.50	10.67	46.30	11.45	48.50	11.99
	21	24.20	4.29	30.60	6.16	37.40	8.86	40.30	9.94	43.50	10.92	46.30	11.67	48.50	12.20
	23	24.20	4.72	30.60	6.78	37.40	9.58	40.30	10.46	43.50	11.40	46.30	12.14	48.50	12.64
	25	24.20	5.19	30.60	7.39	37.40	10.09	40.30	10.98	43.50	11.92	46.30	12.65	48.50	13.14
	27	24.20	5.67	30.60	7.86	37.40	10.63	40.30	11.53	43.50	12.48	46.30	13.22	48.50	13.70
	29	24.20	6.04	30.60	8.37	37.40	11.19	40.30	12.12	43.50	13.10	46.30	13.86	48.20	14.28
	31	24.20	6.43	30.60	8.90	37.40	11.80	40.30	12.76	43.50	13.79	46.30	14.57	47.50	14.86
	33	24.20	6.85	30.60	9.48	37.40	12.45	40.30	13.46	43.50	14.55	46.20	15.38	46.90	15.51
	35	24.20	7.30	30.60	10.11	37.40	13.16	40.30	14.24	43.50	15.43	45.50	16.08	46.20	16.23
	37	24.20	7.78	30.60	10.78	37.40	13.93	40.30	15.11	43.10	16.25	43.10	16.25	43.10	16.25
	39	24.20	8.29	30.60	11.51	37.40	14.79	40.20	16.03	40.10	16.03	40.10	16.02	40.10	16.03
	41	24.20	8.83	30.60	12.32	37.30	15.69	37.20	15.68	37.20	15.67	37.20	15.65	37.20	15.65
	43	24.20	9.42	30.60	13.22	34.40	15.23	34.40	15.22	34.40	15.21	34.40	15.21	34.40	15.22
	46	24.20	10.38	30.30	14.45	30.30	14.44	30.30	14.44	30.30	14.43	30.20	14.42	30.30	14.43
	48	24.20	11.10	27.70	13.56	27.70	13.55	27.70	13.56	27.70	13.54	27.70	13.52	27.70	13.55
	50	24.20	11.88	25.20	12.61	25.20	12.61	25.20	12.60	25.20	12.60	25.20	12.61	25.20	12.60
	52	22.30	11.18	22.60	10.60	22.90	9.99	22.80	9.86	22.90	9.73	22.90	9.63	22.90	9.58
110	10	22.20	2.34	28.00	3.14	34.30	4.45	36.90	5.18	39.90	6.14	42.40	6.94	44.40	7.56
	12	22.20	2.54	28.00	3.46	34.30	4.91	36.90	5.69	39.90	6.72	42.40	7.51	44.40	8.15
	14	22.20	2.77	28.00	3.81	34.30	5.40	36.90	6.25	39.90	7.34	42.40	8.13	44.40	8.78

3. ARUM120LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	22.20	3.03	28.00	4.20	34.30	5.95	36.90	6.86	39.90	7.98	42.40	8.80	44.40	9.45
	18	22.20	3.32	28.00	4.62	34.30	6.54	36.90	7.53	39.90	8.67	42.40	9.52	44.40	10.19
	20	22.20	3.64	28.00	5.09	34.30	7.19	36.90	8.26	39.90	9.41	42.40	10.29	44.40	10.94
	21	22.20	3.81	28.00	5.34	34.30	7.53	36.90	8.65	39.90	9.81	42.40	10.60	44.40	11.16
	23	22.20	4.18	28.00	5.88	34.30	8.27	36.90	9.38	39.90	10.34	42.40	11.09	44.40	11.64
	25	22.20	4.59	28.00	6.47	34.30	8.82	36.90	9.95	39.90	10.86	42.40	11.61	44.40	12.16
	27	22.20	5.05	28.00	6.93	34.30	9.37	36.90	10.47	39.90	11.41	42.40	12.17	44.40	12.73
	29	22.20	5.40	28.00	7.38	34.30	9.97	36.90	11.04	39.90	12.00	42.40	12.78	44.40	13.35
	31	22.20	5.75	28.00	7.85	34.30	10.61	36.90	11.63	39.90	12.63	42.40	13.45	44.40	14.05
	33	22.20	6.13	28.00	8.36	34.30	11.31	36.90	12.28	39.90	13.33	42.40	14.19	44.40	14.84
	35	22.20	6.53	28.00	8.91	34.30	11.98	36.90	12.98	39.90	14.09	42.40	15.03	44.40	15.74
	37	22.20	6.95	28.00	9.49	34.30	12.67	36.90	13.74	39.90	14.95	42.40	15.99	43.10	16.25
	39	22.20	7.41	28.00	10.12	34.30	13.42	36.90	14.58	39.90	15.92	40.20	16.04	40.10	16.02
	41	22.20	7.89	28.00	10.81	34.30	14.25	36.90	15.52	37.30	15.68	37.20	15.67	37.20	15.68
	43	22.20	8.41	28.00	11.56	34.30	15.17	34.40	15.23	34.40	15.22	34.30	15.20	34.40	15.22
	46	22.20	9.26	28.00	12.82	30.30	14.46	30.30	14.45	30.30	14.44	30.30	14.44	30.30	14.44
	48	22.20	9.88	27.70	13.56	27.70	13.54	27.70	13.54	27.70	13.52	27.70	13.52	27.70	13.53
	50	22.20	10.55	25.30	12.62	25.30	12.64	25.20	12.62	25.20	12.63	25.20	12.62	25.20	12.60
	52	22.20	11.29	22.50	10.88	22.80	10.30	22.90	10.19	22.90	10.06	22.90	9.91	22.90	9.76
100	10	20.20	2.13	25.50	2.74	31.20	3.73	33.60	4.28	36.30	4.99	38.60	5.69	40.40	6.31
	12	20.20	2.31	25.50	3.01	31.20	4.12	33.60	4.71	36.30	5.49	38.60	6.24	40.40	6.89
	14	20.20	2.50	25.50	3.31	31.20	4.54	33.60	5.19	36.30	6.03	38.60	6.84	40.40	7.48
	16	20.20	2.72	25.50	3.64	31.20	5.01	33.60	5.72	36.30	6.62	38.60	7.49	40.40	8.13
	18	20.20	2.96	25.50	4.00	31.20	5.51	33.60	6.29	36.30	7.27	38.60	8.21	40.40	8.83
	20	20.20	3.24	25.50	4.40	31.20	6.07	33.60	6.92	36.30	7.98	38.60	8.96	40.40	9.58
	21	20.20	3.38	25.50	4.62	31.20	6.37	33.60	7.25	36.30	8.36	38.60	9.34	40.40	9.97
	23	20.20	3.70	25.50	5.08	31.20	7.00	33.60	7.97	36.30	9.10	38.60	9.95	40.40	10.49
	25	20.20	4.06	25.50	5.59	31.20	7.61	33.60	8.53	36.30	9.66	38.60	10.45	40.40	11.00
	27	20.20	4.45	25.50	6.07	31.20	8.10	33.60	9.07	36.30	10.25	38.60	10.99	40.40	11.55
	29	20.20	4.81	25.50	6.46	31.20	8.61	33.60	9.64	36.30	10.82	38.60	11.57	40.40	12.14
	31	20.20	5.12	25.50	6.88	31.20	9.17	33.60	10.26	36.30	11.41	38.60	12.19	40.40	12.79
	33	20.20	5.45	25.50	7.33	31.20	9.76	33.60	10.93	36.30	12.04	38.60	12.86	40.40	13.49
	35	20.20	5.81	25.50	7.81	31.20	10.40	33.60	11.67	36.30	12.73	38.60	13.59	40.40	14.27
	37	20.20	6.19	25.50	8.32	31.20	11.10	33.60	12.38	36.30	13.47	38.60	14.40	40.40	15.14
	39	20.20	6.59	25.50	8.87	31.20	11.87	33.60	13.11	36.30	14.29	38.60	15.31	40.20	16.03
	41	20.20	7.02	25.50	9.45	31.20	12.71	33.60	13.91	36.30	15.20	37.20	15.66	37.20	15.67
	43	20.20	7.48	25.50	10.09	31.20	13.60	33.60	14.80	34.40	15.23	34.40	15.21	34.40	15.21
	46	20.20	8.23	25.50	11.14	30.30	14.45	30.30	14.44	30.30	14.43	30.30	14.43	30.30	14.44
	48	20.20	8.77	25.50	11.92	27.70	13.53	27.70	13.53	27.70	13.56	27.70	13.55	27.70	13.55
	50	20.20	9.36	25.30	12.64	25.20	12.62	25.20	12.62	25.20	12.61	25.20	12.60	25.20	12.59
	52	20.20	9.99	22.40	11.05	22.60	10.60	22.70	10.42	22.90	10.23	22.90	10.05	22.90	9.90
90	10	18.20	1.96	22.90	2.42	28.10	3.14	30.20	3.54	32.70	4.06	34.70	4.56	36.30	5.01
	12	18.20	2.10	22.90	2.64	28.10	3.46	30.20	3.90	32.70	4.47	34.70	5.03	36.30	5.51
	14	18.20	2.27	22.90	2.88	28.10	3.82	30.20	4.31	32.70	4.93	34.70	5.53	36.30	6.05
	16	18.20	2.45	22.90	3.16	28.10	4.21	30.20	4.75	32.70	5.43	34.70	6.09	36.30	6.65
	18	18.20	2.65	22.90	3.46	28.10	4.63	30.20	5.23	32.70	5.98	34.70	6.69	36.30	7.30
	20	18.20	2.88	22.90	3.80	28.10	5.10	30.20	5.76	32.70	6.58	34.70	7.35	36.30	8.01
	21	18.20	3.00	22.90	3.98	28.10	5.35	30.20	6.04	32.70	6.90	34.70	7.70	36.30	8.39
	23	18.20	3.27	22.90	4.37	28.10	5.89	30.20	6.65	32.70	7.58	34.70	8.46	36.30	9.13
	25	18.20	3.57	22.90	4.80	28.10	6.48	30.20	7.26	32.70	8.17	34.70	9.00	36.30	9.68
	27	18.20	3.91	22.90	5.28	28.10	6.94	30.20	7.73	32.70	8.68	34.70	9.56	36.30	10.28

3. ARUM120LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	18.20	4.26	22.90	5.63	28.10	7.39	30.20	8.22	32.70	9.23	34.70	10.16	36.30	10.84
	31	18.20	4.53	22.90	6.00	28.10	7.87	30.20	8.75	32.70	9.83	34.70	10.82	36.30	11.43
	33	18.20	4.82	22.90	6.39	28.10	8.38	30.20	9.32	32.70	10.47	34.70	11.48	36.30	12.07
	35	18.20	5.14	22.90	6.80	28.10	8.92	30.20	9.93	32.70	11.16	34.70	12.14	36.30	12.75
	37	18.20	5.47	22.90	7.25	28.10	9.51	30.20	10.59	32.70	11.93	34.70	12.84	36.30	13.49
	39	18.20	5.83	22.90	7.72	28.10	10.14	30.20	11.31	32.70	12.72	34.70	13.61	36.30	14.31
	41	18.20	6.21	22.90	8.23	28.10	10.83	30.20	12.10	32.70	13.48	34.70	14.45	36.30	15.23
	43	18.20	6.62	22.90	8.77	28.10	11.58	30.20	12.97	32.70	14.33	34.40	15.22	34.40	15.22
	46	18.20	7.28	22.90	9.66	28.10	12.85	30.20	14.39	30.30	14.44	30.30	14.44	30.30	14.44
	48	18.20	7.76	22.90	10.31	27.70	13.56	27.70	13.54	27.70	13.53	27.70	13.52	27.70	13.52
	50	18.20	8.27	22.90	11.02	25.30	12.63	25.20	12.62	25.20	12.61	25.20	12.60	25.20	12.60
	52	18.20	8.82	22.30	11.26	22.50	10.79	22.60	10.61	22.80	10.41	22.90	10.23	22.90	10.08
80	10	16.10	1.74	20.40	2.15	24.90	2.67	26.90	2.95	29.00	3.31	30.90	3.67	32.30	3.98
	12	16.10	1.93	20.40	2.33	24.90	2.93	26.90	3.24	29.00	3.65	30.90	4.05	32.30	4.39
	14	16.10	2.06	20.40	2.53	24.90	3.21	26.90	3.57	29.00	4.03	30.90	4.46	32.30	4.84
	16	16.10	2.21	20.40	2.75	24.90	3.53	26.90	3.93	29.00	4.44	30.90	4.92	32.30	5.33
	18	16.10	2.38	20.40	3.00	24.90	3.88	26.90	4.33	29.00	4.89	30.90	5.42	32.30	5.87
	20	16.10	2.56	20.40	3.28	24.90	4.27	26.90	4.77	29.00	5.39	30.90	5.97	32.30	6.46
	21	16.10	2.67	20.40	3.43	24.90	4.48	26.90	5.00	29.00	5.65	30.90	6.26	32.30	6.77
	23	16.10	2.89	20.40	3.75	24.90	4.92	26.90	5.50	29.00	6.22	30.90	6.88	32.30	7.44
	25	16.10	3.14	20.40	4.11	24.90	5.41	26.90	6.05	29.00	6.84	30.90	7.50	32.30	8.03
	27	16.10	3.42	20.40	4.51	24.90	5.90	26.90	6.53	29.00	7.28	30.90	7.97	32.30	8.54
	29	16.10	3.74	20.40	4.87	24.90	6.28	26.90	6.95	29.00	7.75	30.90	8.48	32.30	9.08
	31	16.10	3.99	20.40	5.18	24.90	6.69	26.90	7.40	29.00	8.25	30.90	9.03	32.30	9.67
	33	16.10	4.24	20.40	5.52	24.90	7.13	26.90	7.88	29.00	8.79	30.90	9.61	32.30	10.30
	35	16.10	4.52	20.40	5.88	24.90	7.59	26.90	8.39	29.00	9.36	30.90	10.25	32.30	10.98
	37	16.10	4.81	20.40	6.26	24.90	8.09	26.90	8.94	29.00	9.98	30.90	10.93	32.30	11.73
	39	16.10	5.12	20.40	6.67	24.90	8.62	26.90	9.53	29.00	10.65	30.90	11.68	32.30	12.55
	41	16.10	5.46	20.40	7.11	24.90	9.18	26.90	10.17	29.00	11.38	30.90	12.50	32.30	13.32
	43	16.10	5.81	20.40	7.57	24.90	9.80	26.90	10.86	29.00	12.18	30.90	13.42	32.30	14.15
	46	16.10	6.40	20.40	8.33	24.90	10.81	26.90	12.02	29.00	13.55	30.30	14.43	30.30	14.44
	48	16.10	6.82	20.40	8.88	24.90	11.56	26.90	12.90	27.70	13.55	27.70	13.57	27.70	13.56
	50	16.10	7.27	20.40	9.47	24.90	12.40	25.30	12.63	25.20	12.62	25.30	12.64	25.30	12.63
	52	16.10	7.75	20.40	10.11	22.40	11.04	22.50	10.85	22.60	10.64	22.70	10.45	22.80	10.31
70	10	14.10	1.43	17.80	1.94	21.80	2.30	23.50	2.49	25.40	2.73	27.00	2.97	28.30	3.18
	12	14.10	1.79	17.80	2.08	21.80	2.50	23.50	2.72	25.40	3.00	27.00	3.27	28.30	3.50
	14	14.10	1.89	17.80	2.23	21.80	2.72	23.50	2.97	25.40	3.29	27.00	3.60	28.30	3.86
	16	14.10	2.01	17.80	2.41	21.80	2.97	23.50	3.26	25.40	3.62	27.00	3.96	28.30	4.25
	18	14.10	2.14	17.80	2.60	21.80	3.25	23.50	3.58	25.40	3.98	27.00	4.36	28.30	4.69
	20	14.10	2.29	17.80	2.83	21.80	3.56	23.50	3.93	25.40	4.38	27.00	4.81	28.30	5.16
	21	14.10	2.37	17.80	2.95	21.80	3.73	23.50	4.12	25.40	4.60	27.00	5.04	28.30	5.42
	23	14.10	2.55	17.80	3.21	21.80	4.09	23.50	4.52	25.40	5.06	27.00	5.55	28.30	5.96
	25	14.10	2.76	17.80	3.50	21.80	4.49	23.50	4.97	25.40	5.56	27.00	6.10	28.30	6.55
	27	14.10	2.99	17.80	3.83	21.80	4.93	23.50	5.46	25.40	6.04	27.00	6.57	28.30	7.01
	29	14.10	3.25	17.80	4.18	21.80	5.29	23.50	5.81	25.40	6.44	27.00	7.00	28.30	7.46
	31	14.10	3.50	17.80	4.44	21.80	5.63	23.50	6.19	25.40	6.85	27.00	7.45	28.30	7.95
	33	14.10	3.71	17.80	4.73	21.80	6.00	23.50	6.59	25.40	7.30	27.00	7.94	28.30	8.46
	35	14.10	3.94	17.80	5.03	21.80	6.39	23.50	7.02	25.40	7.77	27.00	8.45	28.30	9.01
	37	14.10	4.19	17.80	5.36	21.80	6.81	23.50	7.48	25.40	8.28	27.00	9.01	28.30	9.61
	39	14.10	4.46	17.80	5.71	21.80	7.25	23.50	7.97	25.40	8.83	27.00	9.60	28.30	10.25
	41	14.10	4.75	17.80	6.08	21.80	7.73	23.50	8.49	25.40	9.41	27.00	10.25	28.30	10.94

3. ARUM120LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	14.10	5.07	17.80	6.48	21.80	8.23	23.50	9.05	25.40	10.04	27.00	10.94	28.30	11.70
	46	14.10	5.58	17.80	7.13	21.80	9.06	23.50	9.98	25.40	11.09	27.00	12.12	28.30	12.99
	48	14.10	5.95	17.80	7.60	21.80	9.67	23.50	10.65	25.40	11.87	27.00	13.00	27.70	13.56
	50	14.10	6.35	17.80	8.10	21.80	10.32	23.50	11.39	25.30	12.63	25.30	12.63	25.20	12.62
	52	14.10	6.77	17.80	8.64	21.80	11.03	22.30	11.17	22.50	10.95	22.60	10.76	22.60	10.61
60	10	12.10	1.18	15.30	1.60	18.70	2.01	20.20	2.13	21.80	2.29	23.20	2.44	24.20	2.58
	12	12.10	1.67	15.30	1.87	18.70	2.16	20.20	2.30	21.80	2.49	23.20	2.67	24.20	2.82
	14	12.10	1.75	15.30	1.99	18.70	2.33	20.20	2.50	21.80	2.71	23.20	2.92	24.20	3.09
	16	12.10	1.83	15.30	2.12	18.70	2.52	20.20	2.71	21.80	2.96	23.20	3.20	24.20	3.39
	18	12.10	1.94	15.30	2.27	18.70	2.73	20.20	2.96	21.80	3.24	23.20	3.51	24.20	3.73
	20	12.10	2.05	15.30	2.44	18.70	2.97	20.20	3.23	21.80	3.55	23.20	3.85	24.20	4.10
	21	12.10	2.12	15.30	2.54	18.70	3.10	20.20	3.38	21.80	3.72	23.20	4.03	24.20	4.29
	23	12.10	2.26	15.30	2.74	18.70	3.38	20.20	3.70	21.80	4.08	23.20	4.43	24.20	4.72
	25	12.10	2.42	15.30	2.97	18.70	3.70	20.20	4.05	21.80	4.47	23.20	4.87	24.20	5.19
	27	12.10	2.61	15.30	3.23	18.70	4.05	20.20	4.44	21.80	4.91	23.20	5.35	24.20	5.67
	29	12.10	2.82	15.30	3.52	18.70	4.41	20.20	4.80	21.80	5.27	23.20	5.70	24.20	6.04
	31	12.10	3.04	15.30	3.78	18.70	4.69	20.20	5.11	21.80	5.61	23.20	6.07	24.20	6.44
	33	12.10	3.22	15.30	4.01	18.70	4.99	20.20	5.44	21.80	5.98	23.20	6.46	24.20	6.86
	35	12.10	3.41	15.30	4.27	18.70	5.31	20.20	5.80	21.80	6.37	23.20	6.88	24.20	7.30
	37	12.10	3.63	15.30	4.54	18.70	5.66	20.20	6.17	21.80	6.78	23.20	7.33	24.20	7.78
	39	12.10	3.86	15.30	4.84	18.70	6.03	20.20	6.58	21.80	7.23	23.20	7.81	24.20	8.29
	41	12.10	4.11	15.30	5.15	18.70	6.42	20.20	7.01	21.80	7.70	23.20	8.32	24.20	8.83
	43	12.10	4.38	15.30	5.49	18.70	6.84	20.20	7.47	21.80	8.21	23.20	8.87	24.20	9.42
	46	12.10	4.82	15.30	6.04	18.70	7.53	20.20	8.21	21.80	9.03	23.20	9.77	24.20	10.39
	48	12.10	5.14	15.30	6.44	18.70	8.02	20.20	8.76	21.80	9.64	23.20	10.44	24.20	11.10
	50	12.10	5.49	15.30	6.87	18.70	8.55	20.20	9.34	21.80	10.29	23.20	11.16	24.20	11.89
	52	12.10	5.86	15.30	7.32	18.70	9.12	20.20	9.97	21.80	11.00	22.30	11.20	22.40	11.04
50	10	10.10	0.93	12.70	1.25	15.60	1.64	16.80	1.85	18.10	1.96	19.30	2.05	20.20	2.13
	12	10.10	1.42	12.70	1.71	15.60	1.89	16.80	1.99	18.10	2.10	19.30	2.21	20.20	2.31
	14	10.10	1.56	12.70	1.79	15.60	2.01	16.80	2.12	18.10	2.26	19.30	2.39	20.20	2.50
	16	10.10	1.63	12.70	1.89	15.60	2.15	16.80	2.28	18.10	2.44	19.30	2.59	20.20	2.72
	18	10.10	1.72	12.70	2.00	15.60	2.31	16.80	2.46	18.10	2.65	19.30	2.82	20.20	2.97
	20	10.10	1.81	12.70	2.12	15.60	2.48	16.80	2.66	18.10	2.87	19.30	3.07	20.20	3.24
	21	10.10	1.86	12.70	2.19	15.60	2.58	16.80	2.77	18.10	3.00	19.30	3.21	20.20	3.39
	23	10.10	1.97	12.70	2.35	15.60	2.79	16.80	3.01	18.10	3.27	19.30	3.51	20.20	3.71
	25	10.10	2.10	12.70	2.52	15.60	3.03	16.80	3.28	18.10	3.57	19.30	3.84	20.20	4.06
	27	10.10	2.25	12.70	2.72	15.60	3.30	16.80	3.57	18.10	3.90	19.30	4.20	20.20	4.45
	29	10.10	2.42	12.70	2.95	15.60	3.60	16.80	3.90	18.10	4.26	19.30	4.56	20.20	4.81
	31	10.10	2.61	12.70	3.18	15.60	3.85	16.80	4.16	18.10	4.53	19.30	4.86	20.20	5.12
	33	10.10	2.77	12.70	3.37	15.60	4.09	16.80	4.42	18.10	4.82	19.30	5.17	20.20	5.45
	35	10.10	2.93	12.70	3.57	15.60	4.35	16.80	4.71	18.10	5.13	19.30	5.50	20.20	5.81
	37	10.10	3.11	12.70	3.80	15.60	4.63	16.80	5.01	18.10	5.46	19.30	5.86	20.20	6.19
	39	10.10	3.30	12.70	4.04	15.60	4.93	16.80	5.34	18.10	5.82	19.30	6.25	20.20	6.59
	41	10.10	3.51	12.70	4.30	15.60	5.26	16.80	5.69	18.10	6.20	19.30	6.66	20.20	7.02
	43	10.10	3.74	12.70	4.59	15.60	5.60	16.80	6.07	18.10	6.61	19.30	7.09	20.20	7.49
	46	10.10	4.12	12.70	5.05	15.60	6.17	16.80	6.67	18.10	7.27	19.30	7.80	20.20	8.23
	48	10.10	4.40	12.70	5.39	15.60	6.57	16.80	7.11	18.10	7.75	19.30	8.32	20.20	8.78
	50	10.10	4.70	12.70	5.75	15.60	7.01	16.80	7.58	18.10	8.26	19.30	8.86	20.20	9.36
	52	10.10	5.02	12.70	6.13	15.60	7.47	16.80	8.08	18.10	8.80	19.30	9.46	20.20	9.99

3. ARUM120LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

3. ARUM120LTE6

3.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	7.20	0.53	11.50	0.84	16.20	1.20	17.40	1.30	18.50	1.39	19.70	1.50	21.00	1.62
	12	7.20	0.53	11.50	0.85	16.20	1.21	17.40	1.31	18.50	1.41	19.70	1.51	21.00	1.64
	14	7.20	0.53	11.50	0.85	16.20	1.22	17.40	1.32	18.50	1.42	19.70	1.53	21.00	1.67
	16	7.20	0.53	11.50	0.86	16.20	1.25	17.40	1.35	18.50	1.46	19.70	1.58	21.00	1.73
	18	7.20	0.54	11.50	0.88	16.20	1.30	17.40	1.42	18.50	1.54	19.70	1.68	21.00	1.88
	20	7.20	0.55	11.50	0.92	16.20	1.44	17.40	1.60	18.50	1.77	19.70	1.95	21.00	2.29
	21	8.10	0.68	12.40	1.14	17.10	1.96	18.20	2.08	19.40	2.20	20.50	2.33	21.70	2.54
	23	10.00	1.50	14.20	1.88	18.90	2.44	20.00	2.59	21.10	2.75	22.00	2.89	23.10	3.14
	25	11.90	1.87	16.10	2.36	20.70	3.09	21.70	3.27	22.80	3.46	23.60	3.62	24.50	3.91
	27	13.90	2.38	18.00	3.00	22.60	3.94	23.60	4.16	24.60	4.39	25.20	4.53	27.40	5.20
	29	16.00	3.08	19.90	3.83	24.50	4.89	25.40	5.12	26.40	5.37	28.00	5.82	32.40	7.39
	31	18.10	3.91	22.00	4.76	26.50	6.04	27.30	6.30	29.70	7.07	33.10	8.28	37.40	10.34
	33	20.20	4.94	24.00	5.94	28.50	7.46	31.40	8.55	34.90	10.06	38.20	11.61	42.40	13.40
	35	22.40	6.23	26.20	7.40	33.50	10.52	36.60	12.11	40.20	13.43	43.30	14.63	47.40	16.41
	37	22.40	6.65	26.20	7.88	33.50	11.23	36.60	12.82	40.20	14.24	43.30	15.55	44.30	16.24
	39	22.40	7.08	26.20	8.40	33.50	12.01	36.60	13.59	40.20	15.13	41.70	15.83	41.20	15.91
	41	22.40	7.55	26.20	8.96	33.50	12.87	36.60	14.44	38.60	15.39	38.60	15.39	38.20	15.49
	43	22.40	8.05	26.20	9.56	33.50	13.81	35.70	14.89	35.70	14.90	35.70	14.90	35.20	15.00
	46	22.40	8.86	26.20	10.55	31.40	13.88	31.40	13.87	31.40	13.88	31.40	13.87	31.00	14.08
	48	22.40	9.46	26.20	11.27	28.70	12.95	28.70	12.94	28.70	12.92	28.70	12.93	28.30	13.12
	50	22.40	10.09	26.20	12.07	26.10	12.07	26.10	12.08	26.10	12.06	26.10	12.08	25.60	12.08
	52	22.40	10.78	22.80	10.05	23.10	9.49	23.20	9.38	23.30	9.25	23.40	9.15	23.40	9.22
120	10	6.60	0.49	10.60	0.78	15.00	1.11	16.00	1.19	17.10	1.27	18.20	1.37	19.40	1.48
	12	6.60	0.49	10.60	0.78	15.00	1.11	16.00	1.19	17.10	1.28	18.20	1.38	19.40	1.49
	14	6.60	0.49	10.60	0.78	15.00	1.12	16.00	1.20	17.10	1.30	18.20	1.40	19.40	1.52
	16	6.60	0.49	10.60	0.79	15.00	1.14	16.00	1.23	17.10	1.33	18.20	1.43	19.40	1.57
	18	6.60	0.50	10.60	0.80	15.00	1.18	16.00	1.28	17.10	1.39	18.20	1.51	19.40	1.68
	20	6.60	0.51	10.60	0.84	15.00	1.29	16.00	1.42	17.10	1.56	18.20	1.72	19.40	2.00
	21	7.50	0.61	11.40	1.02	15.80	1.70	16.80	1.90	17.90	2.04	18.90	2.15	20.00	2.33
	23	9.20	1.43	13.10	1.77	17.50	2.25	18.40	2.38	19.40	2.51	20.30	2.64	21.30	2.85
	25	11.00	1.76	14.80	2.19	19.10	2.82	20.10	2.97	21.00	3.14	21.80	3.27	22.60	3.52
	27	12.90	2.23	16.60	2.76	20.90	3.56	21.80	3.75	22.70	3.95	23.30	4.09	25.30	4.68
	29	14.70	2.84	18.40	3.51	22.60	4.43	23.50	4.63	24.30	4.85	25.80	5.23	29.90	6.57
	31	16.70	3.60	20.30	4.34	24.50	5.44	25.20	5.67	27.40	6.33	30.60	7.36	34.60	9.11
	33	18.70	4.50	22.20	5.37	26.30	6.69	29.00	7.63	32.30	8.90	35.30	10.20	39.20	12.23
	35	20.70	5.65	24.10	6.66	30.90	9.33	33.80	10.69	37.10	12.27	40.00	13.36	43.80	15.06
	37	20.70	6.03	24.10	7.10	30.90	9.95	33.80	11.42	37.10	13.00	40.00	14.16	43.80	16.03
	39	20.70	6.42	24.10	7.57	30.90	10.62	33.80	12.21	37.10	13.78	40.00	15.05	41.20	15.92
	41	20.70	6.85	24.10	8.07	30.90	11.35	33.80	13.09	37.10	14.64	38.60	15.39	38.20	15.48
	43	20.70	7.30	24.10	8.60	30.90	12.15	33.80	13.97	35.70	14.89	35.70	14.89	35.20	15.00
	46	20.70	8.04	24.10	9.47	30.90	13.51	31.40	13.90	31.40	13.89	31.40	13.91	31.00	14.10
	48	20.70	8.57	24.10	10.11	28.80	12.97	28.70	12.94	28.70	12.95	28.70	12.92	28.30	13.11
	50	20.70	9.14	24.10	10.80	26.20	12.10	26.20	12.14	26.10	12.08	26.10	12.07	25.80	12.22
	52	20.70	9.75	22.60	10.30	23.00	9.72	23.10	9.61	23.10	9.49	23.20	9.41	23.20	9.50
110	10	6.10	0.45	9.70	0.71	13.70	1.01	14.70	1.08	15.70	1.16	16.70	1.24	17.80	1.34
	12	6.10	0.45	9.70	0.71	13.70	1.02	14.70	1.09	15.70	1.16	16.70	1.25	17.80	1.35
	14	6.10	0.45	9.70	0.72	13.70	1.02	14.70	1.10	15.70	1.18	16.70	1.26	17.80	1.37
	16	6.10	0.45	9.70	0.72	13.70	1.04	14.70	1.12	15.70	1.20	16.70	1.29	17.80	1.41
	18	6.10	0.45	9.70	0.73	13.70	1.07	14.70	1.16	15.70	1.25	16.70	1.35	17.80	1.49

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	6.10	0.46	9.70	0.76	13.70	1.15	14.70	1.26	15.70	1.37	16.70	1.50	17.80	1.73
	21	6.80	0.55	10.50	0.90	14.50	1.46	15.40	1.63	16.40	1.81	17.30	1.98	18.30	2.13
	23	8.40	1.36	12.00	1.66	16.00	2.08	16.90	2.18	17.80	2.30	18.60	2.41	19.50	2.58
	25	10.10	1.66	13.60	2.03	17.50	2.57	18.40	2.70	19.30	2.84	20.00	2.95	20.80	3.16
	27	11.80	2.07	15.20	2.53	19.10	3.22	19.90	3.37	20.80	3.54	21.30	3.66	23.20	4.18
	29	13.50	2.62	16.90	3.19	20.80	4.00	21.50	4.17	22.30	4.36	23.70	4.68	27.40	5.82
	31	15.30	3.30	18.60	3.94	22.40	4.89	23.10	5.07	25.10	5.64	28.00	6.51	31.70	7.98
	33	17.10	4.10	20.30	4.84	24.10	5.97	26.60	6.77	29.60	7.85	32.30	8.93	35.90	10.83
	35	19.00	5.11	22.10	5.97	28.30	8.24	31.00	9.38	34.00	10.78	36.60	12.11	40.10	13.68
	37	19.00	5.44	22.10	6.36	28.30	8.79	31.00	10.00	34.00	11.51	36.60	12.83	40.10	14.50
	39	19.00	5.80	22.10	6.78	28.30	9.37	31.00	10.68	34.00	12.31	36.60	13.60	40.10	15.42
	41	19.00	6.19	22.10	7.23	28.30	10.00	31.00	11.41	34.00	13.20	36.60	14.44	38.10	15.47
	43	19.00	6.60	22.10	7.71	28.30	10.67	31.00	12.22	34.00	14.06	35.70	14.90	35.20	14.99
	46	19.00	7.26	22.10	8.48	28.30	11.81	31.00	13.59	31.40	13.90	31.40	13.87	31.00	14.07
	48	19.00	7.74	22.10	9.05	28.30	12.66	28.70	12.96	28.70	12.94	28.70	12.94	28.30	13.12
	50	19.00	8.25	22.10	9.65	26.20	12.08	26.20	12.08	26.10	12.07	26.20	12.09	25.80	12.24
	52	19.00	8.80	22.10	10.30	22.80	10.00	22.90	9.90	23.00	9.78	23.00	9.63	23.10	9.64
100	10	5.50	0.41	8.80	0.65	12.50	0.92	13.40	0.98	14.30	1.05	15.20	1.12	16.10	1.21
	12	5.50	0.41	8.80	0.65	12.50	0.92	13.40	0.99	14.30	1.06	15.20	1.13	16.10	1.21
	14	5.50	0.41	8.80	0.65	12.50	0.93	13.40	1.00	14.30	1.06	15.20	1.14	16.10	1.23
	16	5.50	0.41	8.80	0.65	12.50	0.94	13.40	1.01	14.30	1.08	15.20	1.16	16.10	1.26
	18	5.50	0.41	8.80	0.66	12.50	0.96	13.40	1.04	14.30	1.12	15.20	1.20	16.10	1.32
	20	5.50	0.42	8.80	0.68	12.50	1.02	13.40	1.11	14.30	1.21	15.20	1.31	16.10	1.49
	21	6.20	0.49	9.50	0.80	13.20	1.26	14.00	1.39	14.90	1.53	15.80	1.69	16.70	1.95
	23	7.70	1.29	10.90	1.56	14.50	1.92	15.40	2.00	16.20	2.10	16.90	2.19	17.80	2.34
	25	9.20	1.56	12.40	1.89	16.00	2.34	16.70	2.45	17.50	2.57	18.20	2.66	18.90	2.84
	27	10.70	1.92	13.80	2.32	17.40	2.90	18.10	3.03	18.90	3.17	19.40	3.27	21.10	3.70
	29	12.30	2.41	15.30	2.89	18.90	3.60	19.60	3.74	20.30	3.90	21.50	4.17	24.90	5.13
	31	13.90	3.02	16.90	3.56	20.40	4.37	21.00	4.52	22.80	5.00	25.50	5.73	28.80	6.96
	33	15.50	3.71	18.50	4.35	21.90	5.30	24.10	5.97	26.90	6.88	29.40	7.78	32.60	9.34
	35	17.30	4.59	20.10	5.32	25.70	7.24	28.20	8.19	30.90	9.34	33.30	10.45	36.50	12.30
	37	17.30	4.89	20.10	5.68	25.70	7.72	28.20	8.73	30.90	9.96	33.30	11.16	36.50	13.02
	39	17.30	5.22	20.10	6.05	25.70	8.23	28.20	9.31	30.90	10.63	33.30	11.93	36.50	13.81
	41	17.30	5.56	20.10	6.45	25.70	8.77	28.20	9.93	30.90	11.36	33.30	12.78	36.50	14.67
	43	17.30	5.93	20.10	6.88	25.70	9.35	28.20	10.60	30.90	12.15	33.30	13.72	35.20	15.00
	46	17.30	6.53	20.10	7.57	25.70	10.31	28.20	11.72	30.90	13.51	31.40	13.91	31.00	14.08
	48	17.30	6.96	20.10	8.07	25.70	11.02	28.20	12.56	28.70	12.95	28.70	12.93	28.30	13.12
	50	17.30	7.43	20.10	8.60	25.70	11.79	26.20	12.09	26.20	12.08	26.20	12.10	25.80	12.22
	52	17.30	7.92	20.10	9.17	22.60	10.30	22.70	10.12	22.90	9.94	23.00	9.77	23.00	9.77
90	10	5.00	0.37	7.90	0.58	11.20	0.83	12.00	0.88	12.80	0.94	13.70	1.01	14.50	1.08
	12	5.00	0.37	7.90	0.58	11.20	0.83	12.00	0.89	12.80	0.95	13.70	1.01	14.50	1.09
	14	5.00	0.37	7.90	0.59	11.20	0.83	12.00	0.89	12.80	0.95	13.70	1.02	14.50	1.10
	16	5.00	0.37	7.90	0.59	11.20	0.84	12.00	0.90	12.80	0.97	13.70	1.03	14.50	1.12
	18	5.00	0.37	7.90	0.59	11.20	0.86	12.00	0.92	12.80	0.99	13.70	1.06	14.50	1.16
	20	5.00	0.38	7.90	0.61	11.20	0.90	12.00	0.98	12.80	1.06	13.70	1.14	14.50	1.28
	21	5.60	0.44	8.60	0.70	11.90	1.07	12.60	1.18	13.40	1.29	14.20	1.41	15.00	1.70
	23	6.90	1.23	9.80	1.46	13.10	1.77	13.80	1.84	14.60	1.92	15.20	1.99	16.00	2.12
	25	8.30	1.46	11.10	1.74	14.40	2.13	15.10	2.22	15.80	2.32	16.30	2.39	17.00	2.54
	27	9.60	1.78	12.40	2.12	15.70	2.60	16.30	2.71	17.00	2.83	17.50	2.91	19.00	3.26
	29	11.10	2.21	13.80	2.62	17.00	3.22	17.60	3.34	18.30	3.48	19.40	3.71	22.50	4.50
	31	12.50	2.76	15.20	3.21	18.30	3.88	18.90	4.02	20.60	4.41	22.90	5.02	25.90	6.03

3. ARUM120LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	14.00	3.36	16.60	3.89	19.70	4.68	21.70	5.24	24.20	5.99	26.50	6.73	29.40	8.00
	35	15.50	4.11	18.10	4.72	23.20	6.32	25.40	7.10	27.80	8.04	30.00	8.94	32.80	10.55
	37	15.50	4.38	18.10	5.03	23.20	6.73	25.40	7.57	27.80	8.57	30.00	9.53	32.80	11.26
	39	15.50	4.67	18.10	5.37	23.20	7.18	25.40	8.07	27.80	9.13	30.00	10.17	32.80	12.04
	41	15.50	4.98	18.10	5.72	23.20	7.65	25.40	8.60	27.80	9.74	30.00	10.86	32.80	12.90
	43	15.50	5.31	18.10	6.10	23.20	8.16	25.40	9.17	27.80	10.40	30.00	11.61	32.80	13.81
	46	15.50	5.85	18.10	6.72	23.20	8.98	25.40	10.11	27.80	11.50	30.00	12.88	31.00	14.08
	48	15.50	6.24	18.10	7.16	23.20	9.58	25.40	10.80	27.80	12.32	28.70	12.96	28.40	13.12
	50	15.50	6.65	18.10	7.64	23.20	10.23	25.40	11.55	26.20	12.09	26.20	12.10	25.80	12.23
	52	15.50	7.09	18.10	8.14	22.50	10.48	22.60	10.30	22.80	10.11	22.90	9.93	22.90	9.94
80	10	4.40	0.33	7.10	0.52	10.00	0.73	10.70	0.79	11.40	0.84	12.10	0.89	12.90	0.96
	12	4.40	0.33	7.10	0.52	10.00	0.74	10.70	0.79	11.40	0.84	12.10	0.90	12.90	0.96
	14	4.40	0.33	7.10	0.52	10.00	0.74	10.70	0.79	11.40	0.85	12.10	0.90	12.90	0.97
	16	4.40	0.33	7.10	0.52	10.00	0.74	10.70	0.80	11.40	0.85	12.10	0.91	12.90	0.98
	18	4.40	0.33	7.10	0.53	10.00	0.76	10.70	0.81	11.40	0.87	12.10	0.93	12.90	1.01
	20	4.40	0.33	7.10	0.54	10.00	0.79	10.70	0.85	11.40	0.92	12.10	0.99	12.90	1.10
	21	5.00	0.39	7.60	0.61	10.50	0.91	11.20	0.99	11.90	1.08	12.60	1.18	13.30	1.38
	23	6.10	1.16	8.70	1.36	11.60	1.62	12.30	1.69	13.00	1.75	13.60	1.81	14.20	1.92
	25	7.30	1.37	9.90	1.61	12.80	1.93	13.40	2.01	14.00	2.09	14.50	2.15	15.10	2.27
	27	8.60	1.64	11.10	1.93	13.90	2.33	14.50	2.42	15.10	2.52	15.50	2.58	16.90	2.87
	29	9.80	2.01	12.30	2.36	15.10	2.85	15.60	2.95	16.20	3.07	17.20	3.27	20.00	3.92
	31	11.10	2.49	13.50	2.88	16.30	3.44	16.80	3.55	18.30	3.87	20.40	4.36	23.00	5.18
	33	12.40	3.02	14.80	3.46	17.60	4.11	19.30	4.57	21.50	5.17	23.50	5.78	26.10	6.80
	35	13.80	3.66	16.10	4.17	20.60	5.47	22.50	6.11	24.70	6.86	26.60	7.58	29.20	8.86
	37	13.80	3.90	16.10	4.44	20.60	5.83	22.50	6.51	24.70	7.32	26.60	8.08	29.20	9.45
	39	13.80	4.15	16.10	4.73	20.60	6.22	22.50	6.94	24.70	7.80	26.60	8.62	29.20	10.08
	41	13.80	4.43	16.10	5.05	20.60	6.63	22.50	7.40	24.70	8.31	26.60	9.19	29.20	10.76
	43	13.80	4.72	16.10	5.38	20.60	7.07	22.50	7.88	24.70	8.86	26.60	9.81	29.20	11.51
	46	13.80	5.20	16.10	5.93	20.60	7.78	22.50	8.68	24.70	9.77	26.60	10.82	29.20	12.77
	48	13.80	5.55	16.10	6.32	20.60	8.29	22.50	9.26	24.70	10.43	26.60	11.57	28.40	13.13
	50	13.80	5.93	16.10	6.74	20.60	8.84	22.50	9.88	24.70	11.15	26.20	12.09	25.80	12.25
	52	13.80	6.32	16.10	7.19	20.60	9.43	22.50	10.53	22.60	10.33	22.70	10.15	22.80	10.16
70	10	3.90	0.28	6.20	0.45	8.70	0.64	9.40	0.69	10.00	0.73	10.60	0.78	11.30	0.84
	12	3.90	0.28	6.20	0.45	8.70	0.64	9.40	0.69	10.00	0.73	10.60	0.78	11.30	0.84
	14	3.90	0.29	6.20	0.45	8.70	0.65	9.40	0.69	10.00	0.74	10.60	0.79	11.30	0.85
	16	3.90	0.29	6.20	0.46	8.70	0.65	9.40	0.70	10.00	0.74	10.60	0.79	11.30	0.85
	18	3.90	0.29	6.20	0.46	8.70	0.66	9.40	0.71	10.00	0.75	10.60	0.81	11.30	0.87
	20	3.90	0.29	6.20	0.47	8.70	0.68	9.40	0.73	10.00	0.78	10.60	0.84	11.30	0.93
	21	4.40	0.33	6.70	0.52	9.20	0.77	9.80	0.83	10.40	0.90	11.00	0.97	11.70	1.12
	23	5.40	1.01	7.60	1.27	10.20	1.49	10.80	1.54	11.30	1.60	11.90	1.65	12.40	1.73
	25	6.40	1.28	8.60	1.48	11.20	1.75	11.70	1.81	12.30	1.88	12.70	1.93	13.20	2.03
	27	7.50	1.51	9.70	1.75	12.20	2.08	12.70	2.16	13.20	2.23	13.60	2.28	14.80	2.52
	29	8.60	1.82	10.70	2.11	13.20	2.52	13.70	2.60	14.20	2.69	15.10	2.84	17.50	3.39
	31	9.70	2.23	11.80	2.57	14.30	3.03	14.70	3.11	16.00	3.37	17.80	3.76	20.20	4.42
	33	10.90	2.70	12.90	3.06	15.40	3.59	16.90	3.95	18.80	4.44	20.60	4.91	22.80	5.72
	35	12.10	3.25	14.10	3.65	18.00	4.70	19.70	5.20	21.60	5.80	23.30	6.37	25.50	7.37
	37	12.10	3.45	14.10	3.88	18.00	5.01	19.70	5.55	21.60	6.19	23.30	6.79	25.50	7.86
	39	12.10	3.67	14.10	4.14	18.00	5.34	19.70	5.91	21.60	6.59	23.30	7.24	25.50	8.38
	41	12.10	3.91	14.10	4.41	18.00	5.69	19.70	6.30	21.60	7.03	23.30	7.72	25.50	8.93
	43	12.10	4.17	14.10	4.71	18.00	6.07	19.70	6.72	21.60	7.49	23.30	8.23	25.50	9.53
	46	12.10	4.60	14.10	5.19	18.00	6.68	19.70	7.40	21.60	8.25	23.30	9.06	25.50	10.51

3. ARUM120LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	12.10	4.91	14.10	5.54	18.00	7.12	19.70	7.88	21.60	8.79	23.30	9.66	25.50	11.24
	50	12.10	5.24	14.10	5.91	18.00	7.59	19.70	8.41	21.60	9.38	23.30	10.31	25.50	12.03
	52	12.10	5.60	14.10	6.31	18.00	8.10	19.70	8.96	21.60	10.01	22.60	10.45	22.60	10.45
60	10	3.30	0.24	5.30	0.39	7.50	0.55	8.00	0.59	8.60	0.63	9.10	0.67	9.70	0.72
	12	3.30	0.24	5.30	0.39	7.50	0.55	8.00	0.59	8.60	0.63	9.10	0.67	9.70	0.72
	14	3.30	0.24	5.30	0.39	7.50	0.55	8.00	0.59	8.60	0.63	9.10	0.67	9.70	0.72
	16	3.30	0.25	5.30	0.39	7.50	0.56	8.00	0.59	8.60	0.63	9.10	0.68	9.70	0.73
	18	3.30	0.25	5.30	0.39	7.50	0.56	8.00	0.60	8.60	0.64	9.10	0.69	9.70	0.74
	20	3.30	0.25	5.30	0.40	7.50	0.57	8.00	0.62	8.60	0.66	9.10	0.71	9.70	0.77
	21	3.70	0.28	5.70	0.44	7.90	0.64	8.40	0.69	8.90	0.74	9.50	0.79	10.00	0.89
	23	4.60	0.71	6.60	1.07	8.70	1.36	9.20	1.40	9.70	1.45	10.20	1.49	10.70	1.56
	25	5.50	1.19	7.40	1.35	9.60	1.57	10.00	1.62	10.50	1.68	10.90	1.72	11.30	1.80
	27	6.40	1.38	8.30	1.58	10.40	1.85	10.90	1.91	11.30	1.97	11.60	2.01	12.70	2.20
	29	7.40	1.64	9.20	1.88	11.30	2.20	11.70	2.27	12.20	2.34	12.90	2.47	15.00	2.89
	31	8.30	1.98	10.10	2.26	12.20	2.65	12.60	2.72	13.70	2.92	15.30	3.22	17.30	3.73
	33	9.30	2.38	11.10	2.68	13.20	3.11	14.50	3.39	16.10	3.76	17.60	4.13	19.60	4.76
	35	10.40	2.85	12.10	3.18	15.40	3.99	16.90	4.38	18.50	4.85	20.00	5.28	21.90	6.05
	37	10.40	3.02	12.10	3.37	15.40	4.25	16.90	4.67	18.50	5.17	20.00	5.63	21.90	6.45
	39	10.40	3.22	12.10	3.59	15.40	4.53	16.90	4.98	18.50	5.51	20.00	6.00	21.90	6.88
	41	10.40	3.43	12.10	3.83	15.40	4.83	16.90	5.31	18.50	5.87	20.00	6.40	21.90	7.33
	43	10.40	3.66	12.10	4.08	15.40	5.16	16.90	5.67	18.50	6.26	20.00	6.82	21.90	7.81
	46	10.40	4.03	12.10	4.50	15.40	5.68	16.90	6.24	18.50	6.89	20.00	7.51	21.90	8.60
	48	10.40	4.31	12.10	4.81	15.40	6.06	16.90	6.65	18.50	7.35	20.00	8.01	21.90	9.17
	50	10.40	4.60	12.10	5.14	15.40	6.46	16.90	7.09	18.50	7.83	20.00	8.54	21.90	9.79
	52	10.40	4.92	12.10	5.48	15.40	6.89	16.90	7.56	18.50	8.35	20.00	9.10	21.90	10.45
50	10	2.80	0.20	4.40	0.32	6.20	0.46	6.70	0.49	7.10	0.52	7.60	0.56	8.10	0.60
	12	2.80	0.20	4.40	0.32	6.20	0.46	6.70	0.49	7.10	0.52	7.60	0.56	8.10	0.60
	14	2.80	0.20	4.40	0.32	6.20	0.46	6.70	0.49	7.10	0.53	7.60	0.56	8.10	0.60
	16	2.80	0.20	4.40	0.33	6.20	0.46	6.70	0.49	7.10	0.53	7.60	0.56	8.10	0.60
	18	2.80	0.21	4.40	0.33	6.20	0.46	6.70	0.50	7.10	0.53	7.60	0.57	8.10	0.61
	20	2.80	0.21	4.40	0.33	6.20	0.47	6.70	0.51	7.10	0.54	7.60	0.58	8.10	0.63
	21	3.10	0.24	4.80	0.36	6.60	0.51	7.00	0.55	7.40	0.59	7.90	0.63	8.30	0.70
	23	3.80	0.49	5.50	0.72	7.30	1.24	7.70	1.27	8.10	1.31	8.50	1.34	8.90	1.40
	25	4.80	1.13	6.20	1.24	8.00	1.41	8.40	1.45	8.80	1.49	9.10	1.52	9.40	1.59
	27	5.40	1.26	6.90	1.42	8.70	1.63	9.10	1.68	9.40	1.72	9.70	1.76	10.50	1.90
	29	6.10	1.47	7.70	1.66	9.40	1.91	9.80	1.96	10.10	2.02	10.80	2.12	12.50	2.44
	31	6.90	1.74	8.40	1.96	10.20	2.27	10.50	2.33	11.40	2.50	12.70	2.74	14.40	3.12
	33	7.80	2.07	9.20	2.32	11.00	2.66	12.10	2.88	13.40	3.16	14.70	3.44	16.30	3.90
	35	8.60	2.45	10.10	2.72	12.90	3.36	14.10	3.65	15.40	3.99	16.70	4.32	18.20	4.88
	37	8.60	2.59	10.10	2.89	12.90	3.57	14.10	3.89	15.40	4.25	16.70	4.60	18.20	5.21
	39	8.60	2.75	10.10	3.07	12.90	3.80	14.10	4.14	15.40	4.53	16.70	4.90	18.20	5.55
	41	8.60	2.92	10.10	3.27	12.90	4.05	14.10	4.41	15.40	4.84	16.70	5.23	18.20	5.92
	43	8.60	3.11	10.10	3.49	12.90	4.32	14.10	4.71	15.40	5.16	16.70	5.58	18.20	6.31
	46	8.60	3.44	10.10	3.87	12.90	4.77	14.10	5.19	15.40	5.68	16.70	6.14	18.20	6.94
	48	8.60	3.68	10.10	4.13	12.90	5.09	14.10	5.54	15.40	6.06	16.70	6.55	18.20	7.40
	50	8.60	3.94	10.10	4.42	12.90	5.44	14.10	5.91	15.40	6.47	16.70	6.98	18.20	7.89
	52	8.60	4.24	10.10	4.72	12.90	5.80	14.10	6.31	15.40	6.90	16.70	7.45	18.20	8.42

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

3.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	22.50	9.98	22.40	10.07	22.20	10.15	22.10	10.19	22.00	10.23	21.90	10.32
	-24.8	-25	26.20	10.49	26.00	10.59	25.90	10.68	25.80	10.73	25.70	10.78	25.50	10.87
	-21.8	-22	28.50	10.79	28.30	10.89	28.10	10.99	28.00	11.04	27.90	11.09	27.70	11.18
	-19.8	-20	30.20	10.99	29.90	11.09	29.70	11.20	29.60	11.25	29.50	11.30	29.30	11.40
	-18.8	-19	31.00	11.09	30.80	11.19	30.60	11.30	30.50	11.35	30.30	11.40	30.10	11.50
	-16.7	-17	32.70	11.29	32.50	11.40	32.30	11.51	32.20	11.56	32.00	11.61	31.80	11.72
	-15	-15.9	33.80	11.41	33.50	11.52	33.30	11.63	33.20	11.68	33.10	11.74	32.80	11.84
	-13.7	-15	34.70	11.51	34.40	11.63	34.20	11.74	34.10	11.80	34.00	11.85	33.80	11.96
	-11.8	-13	36.50	11.71	36.20	11.82	36.00	11.94	35.80	12.00	35.70	12.05	35.50	12.16
	-9.8	-11	38.40	11.91	38.10	12.03	37.90	12.15	37.80	12.21	37.60	12.27	37.40	12.38
	-9.5	-10	39.40	12.01	39.10	12.13	38.80	12.25	38.70	12.31	38.60	12.37	38.30	12.49
	-8.5	-9.1	40.30	12.11	40.00	12.23	39.70	12.35	39.60	12.41	39.50	12.47	39.20	12.59
	-7	-7.6	41.90	12.27	41.60	12.39	41.30	12.52	41.20	12.58	41.00	12.64	40.70	12.76
	-5	-5.6	44.10	12.49	43.80	12.62	43.50	12.74	43.30	12.81	43.20	12.87	42.90	12.99
	-3	-3.7	46.30	12.70	46.00	12.83	45.60	12.96	45.50	13.03	45.30	13.09	43.00	12.33
	0	-0.7	49.90	13.04	49.50	13.18	49.10	13.30	47.60	12.79	46.10	12.28	43.00	11.30
	3	2.2	53.50	13.37	52.20	13.15	49.10	12.21	47.60	11.74	46.10	11.28	43.00	10.39
	5	4.1	55.30	13.35	52.20	12.43	49.10	11.55	47.60	11.11	46.10	10.68	43.00	9.84
	7	6	55.30	12.61	52.20	11.75	49.10	10.92	47.60	10.51	46.10	10.10	43.00	9.31
	9	7.9	55.30	11.88	52.20	11.08	49.10	10.29	47.60	9.91	46.10	9.53	43.00	8.79
	11	9.8	55.30	11.18	52.20	10.43	49.10	9.70	47.60	9.34	46.10	8.99	43.00	8.30
	13	11.8	55.30	10.48	52.20	9.79	49.10	9.11	47.60	8.78	46.10	8.45	43.00	7.80
	15	13.7	55.30	9.85	52.20	9.21	49.10	8.57	47.60	8.26	46.10	7.96	43.00	7.36
120	-30	-30.2	22.40	10.03	22.30	10.11	22.10	10.20	22.00	10.24	21.90	10.28	21.80	10.36
	-24.8	-25	26.10	10.56	25.90	10.65	25.70	10.74	25.60	10.79	25.60	10.83	25.40	10.92
	-21.8	-22	28.40	10.86	28.20	10.96	28.00	11.06	27.90	11.11	27.80	11.16	27.60	11.25
	-19.8	-20	30.00	11.07	29.80	11.17	29.60	11.27	29.50	11.32	29.40	11.37	29.20	11.47
	-18.8	-19	30.80	11.17	30.60	11.28	30.40	11.38	30.30	11.43	30.20	11.48	30.00	11.58
	-16.7	-17	32.50	11.38	32.30	11.49	32.10	11.60	32.00	11.65	31.90	11.70	31.70	11.80
	-15	-15.9	33.50	11.50	33.30	11.61	33.10	11.72	33.00	11.78	32.90	11.83	32.60	11.93
	-13.7	-15	34.50	11.61	34.20	11.73	34.00	11.84	33.90	11.89	33.80	11.95	33.60	12.05
	-11.8	-13	36.20	11.82	36.00	11.93	35.70	12.04	35.60	12.10	35.50	12.15	35.30	12.26
	-9.8	-11	38.20	12.03	37.90	12.15	37.60	12.27	37.50	12.33	37.40	12.38	37.10	12.49
	-9.5	-10	39.10	12.14	38.80	12.26	38.50	12.37	38.40	12.43	38.30	12.49	38.00	12.60
	-8.5	-9.1	40.00	12.24	39.70	12.36	39.50	12.48	39.30	12.54	39.20	12.59	38.90	12.71
	-7	-7.6	41.60	12.41	41.30	12.53	41.00	12.65	40.90	12.71	40.70	12.77	39.70	12.53
	-5	-5.6	43.70	12.64	43.40	12.76	43.10	12.89	43.00	12.95	42.50	12.87	39.70	11.83
	-3	-3.7	45.90	12.86	45.60	12.99	45.20	13.12	43.90	12.66	42.50	12.17	39.70	11.19
	0	-0.7	49.40	13.22	48.20	12.98	45.40	12.05	43.90	11.60	42.50	11.15	39.70	10.27
	3	2.2	51.00	12.79	48.20	11.92	45.40	11.07	43.90	10.66	42.50	10.25	39.70	9.45
	5	4.1	51.00	12.09	48.20	11.28	45.40	10.49	43.90	10.10	42.50	9.71	39.70	8.96
	7	6	51.00	11.43	48.20	10.66	45.40	9.92	43.90	9.55	42.50	9.19	39.70	8.48
	9	7.9	51.00	10.77	48.20	10.06	45.40	9.36	43.90	9.02	42.50	8.68	39.70	8.01
	11	9.8	51.00	10.15	48.20	9.48	45.40	8.83	43.90	8.51	42.50	8.19	39.70	7.57
	13	11.8	51.00	9.52	48.20	8.90	45.40	8.30	43.90	8.00	42.50	7.70	39.70	7.13

3. ARUM120LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	51.00	8.96	48.20	8.38	45.40	7.82	43.90	7.54	42.50	7.26	39.70	6.72
110	-30	-30.2	22.30	10.08	22.20	10.17	22.00	10.25	21.90	10.29	21.80	10.33	21.70	10.41
	-24.8	-25	26.00	10.63	25.80	10.72	25.60	10.81	25.50	10.86	25.40	10.90	25.20	10.99
	-21.8	-22	28.20	10.95	28.00	11.04	27.80	11.14	27.70	11.19	27.60	11.23	27.50	11.33
	-19.8	-20	29.80	11.16	29.60	11.26	29.40	11.36	29.30	11.41	29.20	11.46	29.00	11.55
	-18.8	-19	30.60	11.27	30.40	11.37	30.20	11.47	30.10	11.52	30.00	11.57	29.80	11.67
	-16.7	-17	32.30	11.49	32.10	11.59	31.90	11.70	31.80	11.75	31.70	11.80	31.40	11.90
	-15	-15.9	33.30	11.62	33.10	11.72	32.90	11.83	32.80	11.88	32.60	11.93	32.40	12.03
	-13.7	-15	34.20	11.73	34.00	11.84	33.80	11.95	33.70	12.01	33.60	12.06	33.40	12.16
	-11.8	-13	36.00	11.94	35.70	12.06	35.50	12.17	35.30	12.22	35.20	12.27	35.00	12.38
	-9.8	-11	37.80	12.17	37.60	12.29	37.30	12.40	37.20	12.46	37.10	12.51	36.40	12.39
	-9.5	-10	38.80	12.28	38.50	12.40	38.20	12.51	38.10	12.57	38.00	12.62	36.40	12.07
	-8.5	-9.1	39.70	12.39	39.40	12.51	39.10	12.62	39.00	12.68	38.90	12.74	36.40	11.77
	-7	-7.6	41.20	12.57	40.90	12.69	40.60	12.81	40.30	12.75	39.00	12.26	36.40	11.28
	-5	-5.6	43.30	12.81	43.00	12.93	41.60	12.52	40.30	12.04	39.00	11.57	36.40	10.66
	-3	-3.7	45.40	13.05	44.20	12.75	41.60	11.84	40.30	11.39	39.00	10.95	36.40	10.09
	0	-0.7	46.80	12.52	44.20	11.67	41.60	10.85	40.30	10.45	39.00	10.05	36.40	9.27
	3	2.2	46.80	11.49	44.20	10.73	41.60	9.98	40.30	9.62	39.00	9.25	36.40	8.54
	5	4.1	46.80	10.88	44.20	10.16	41.60	9.46	40.30	9.12	39.00	8.78	36.40	8.11
	7	6	46.80	10.29	44.20	9.61	41.60	8.95	40.30	8.63	39.00	8.31	36.40	7.68
	9	7.9	46.80	9.71	44.20	9.07	41.60	8.45	40.30	8.15	39.00	7.85	36.40	7.26
	11	9.8	46.80	9.15	44.20	8.56	41.60	7.98	40.30	7.70	39.00	7.42	36.40	6.87
	13	11.8	46.80	8.60	44.20	8.05	41.60	7.51	40.30	7.25	39.00	6.98	36.40	6.47
	15	13.7	46.80	8.10	44.20	7.59	41.60	7.08	40.30	6.84	39.00	6.59	36.40	6.11
100	-30	-30.2	22.20	10.15	22.00	10.23	21.90	10.31	21.80	10.35	21.70	10.39	21.60	10.47
	-24.8	-25	25.80	10.72	25.60	10.81	25.40	10.90	25.30	10.94	25.30	10.98	25.10	11.07
	-21.8	-22	28.00	11.05	27.80	11.14	27.60	11.24	27.50	11.28	27.50	11.33	27.30	11.42
	-19.8	-20	29.60	11.27	29.40	11.37	29.20	11.47	29.10	11.51	29.00	11.56	28.80	11.65
	-18.8	-19	30.40	11.38	30.20	11.48	30.00	11.58	29.90	11.63	29.80	11.68	29.60	11.77
	-16.7	-17	32.00	11.61	31.80	11.72	31.60	11.82	31.50	11.87	31.40	11.92	31.20	12.01
	-15	-15.9	33.00	11.75	32.80	11.85	32.60	11.96	32.50	12.01	32.40	12.06	32.20	12.15
	-13.7	-15	34.00	11.87	33.70	11.98	33.50	12.09	33.40	12.14	33.30	12.19	33.10	12.27
	-11.8	-13	35.60	12.09	35.40	12.20	35.20	12.31	35.00	12.36	34.90	12.41	33.10	11.68
	-9.8	-11	37.50	12.33	37.20	12.45	37.00	12.56	36.60	12.49	35.40	12.00	33.10	11.05
	-9.5	-10	38.40	12.45	38.10	12.56	37.80	12.64	36.60	12.16	35.40	11.69	33.10	10.77
	-8.5	-9.1	39.30	12.56	39.00	12.68	37.80	12.32	36.60	11.86	35.40	11.40	33.10	10.51
	-7	-7.6	40.80	12.75	40.20	12.71	37.80	11.81	36.60	11.37	35.40	10.93	33.10	10.08
	-5	-5.6	42.50	12.87	40.20	12.00	37.80	11.16	36.60	10.74	35.40	10.33	33.10	9.53
	-3	-3.7	42.50	12.17	40.20	11.35	37.80	10.56	36.60	10.17	35.40	9.79	33.10	9.03
	0	-0.7	42.50	11.15	40.20	10.41	37.80	9.69	36.60	9.34	35.40	8.99	33.10	8.30
	3	2.2	42.50	10.25	40.20	9.58	37.80	8.93	36.60	8.61	35.40	8.29	33.10	7.67
	5	4.1	42.50	9.71	40.20	9.09	37.80	8.47	36.60	8.17	35.40	7.87	33.10	7.28
	7	6	42.50	9.19	40.20	8.60	37.80	8.02	36.60	7.73	35.40	7.45	33.10	6.90
	9	7.9	42.50	8.68	40.20	8.12	37.80	7.58	36.60	7.31	35.40	7.05	33.10	6.53
	11	9.8	42.50	8.19	40.20	7.67	37.80	7.17	36.60	6.92	35.40	6.67	33.10	6.18
	13	11.8	42.50	7.70	40.20	7.22	37.80	6.75	36.60	6.52	35.40	6.29	33.10	5.83
	15	13.7	42.50	7.26	40.20	6.81	37.80	6.37	36.60	6.16	35.40	5.94	33.10	5.52

3. ARUM120LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	22.00	10.23	21.90	10.31	21.70	10.39	21.70	10.43	21.60	10.47	21.40	10.55
	-24.8	-25	25.60	10.82	25.40	10.91	25.20	10.99	25.20	11.04	25.10	11.08	24.90	11.16
	-21.8	-22	27.80	11.17	27.60	11.26	27.40	11.35	27.30	11.40	27.20	11.44	27.10	11.53
	-19.8	-20	29.30	11.40	29.10	11.50	28.90	11.59	28.80	11.64	28.70	11.68	28.50	11.77
	-18.8	-19	30.10	11.52	29.90	11.62	29.70	11.71	29.60	11.76	29.50	11.81	29.30	11.90
	-16.7	-17	31.70	11.76	31.50	11.86	31.30	11.96	31.20	12.01	31.10	12.06	29.80	11.51
	-15	-15.9	32.70	11.90	32.50	12.01	32.30	12.11	32.20	12.16	31.90	12.11	29.80	11.16
	-13.7	-15	33.60	12.04	33.40	12.14	33.20	12.25	33.00	12.22	31.90	11.74	29.80	10.81
	-11.8	-13	35.20	12.27	35.00	12.38	34.00	12.08	33.00	11.63	31.90	11.18	29.80	10.31
	-9.8	-11	37.00	12.53	36.10	12.29	34.00	11.43	33.00	11.01	31.90	10.59	29.80	9.77
	-9.5	-10	37.90	12.65	36.10	11.98	34.00	11.14	33.00	10.73	31.90	10.32	29.80	9.53
	-8.5	-9.1	38.30	12.51	36.10	11.68	34.00	10.86	33.00	10.46	31.90	10.07	29.80	9.29
	-7	-7.6	38.30	11.99	36.10	11.19	34.00	10.42	33.00	10.04	31.90	9.66	29.80	8.92
	-5	-5.6	38.30	11.32	36.10	10.58	34.00	9.85	33.00	9.49	31.90	9.14	29.80	8.44
	-3	-3.7	38.30	10.72	36.10	10.02	34.00	9.33	33.00	8.99	31.90	8.66	29.80	8.01
	0	-0.7	38.30	9.83	36.10	9.20	34.00	8.58	33.00	8.27	31.90	7.97	29.80	7.37
	3	2.2	38.30	9.06	36.10	8.48	34.00	7.92	33.00	7.64	31.90	7.36	29.80	6.82
	5	4.1	38.30	8.59	36.10	8.05	34.00	7.52	33.00	7.25	31.90	6.99	29.80	6.48
	7	6	38.30	8.13	36.10	7.62	34.00	7.12	33.00	6.87	31.90	6.63	29.80	6.15
	9	7.9	38.30	7.69	36.10	7.21	34.00	6.74	33.00	6.51	31.90	6.28	29.80	5.83
	11	9.8	38.30	7.27	36.10	6.82	34.00	6.38	33.00	6.16	31.90	5.94	29.80	5.52
	13	11.8	38.30	6.84	36.10	6.42	34.00	6.01	33.00	5.81	31.90	5.61	29.80	5.22
	15	13.7	38.30	6.46	36.10	6.07	34.00	5.69	33.00	5.50	31.90	5.31	29.80	4.94
80	-30	-30.2	21.90	10.33	21.70	10.41	21.60	10.48	21.50	10.52	21.40	10.56	21.30	10.63
	-24.8	-25	25.30	10.94	25.20	11.03	25.00	11.12	24.90	11.16	24.80	11.20	24.70	11.28
	-21.8	-22	27.50	11.31	27.30	11.40	27.10	11.49	27.00	11.53	27.00	11.58	26.50	11.47
	-19.8	-20	29.00	11.56	28.80	11.65	28.60	11.74	28.50	11.79	28.30	11.79	26.50	10.87
	-18.8	-19	29.80	11.69	29.60	11.78	29.40	11.87	29.30	11.92	28.30	11.48	26.50	10.59
	-16.7	-17	31.40	11.94	31.10	12.04	30.20	11.73	29.30	11.30	28.30	10.87	26.50	10.04
	-15	-15.9	32.30	12.09	32.10	12.19	30.20	11.37	29.30	10.95	28.30	10.54	26.50	9.72
	-13.7	-15	33.20	12.24	32.10	11.85	30.20	11.02	29.30	10.61	28.30	10.20	26.50	9.41
	-11.8	-13	34.00	12.08	32.10	11.28	30.20	10.50	29.30	10.11	28.30	9.73	26.50	8.98
	-9.8	-11	34.00	11.43	32.10	10.68	30.20	9.95	29.30	9.59	28.30	9.23	26.50	8.54
	-9.5	-10	34.00	11.14	32.10	10.41	30.20	9.70	29.30	9.35	28.30	9.00	26.50	8.32
	-8.5	-9.1	34.00	10.86	32.10	10.15	30.20	9.46	29.30	9.12	28.30	8.79	26.50	8.12
	-7	-7.6	34.00	10.42	32.10	9.74	30.20	9.08	29.30	8.76	28.30	8.43	26.50	7.80
	-5	-5.6	34.00	9.85	32.10	9.21	30.20	8.59	29.30	8.29	28.30	7.99	26.50	7.39
	-3	-3.7	34.00	9.33	32.10	8.73	30.20	8.15	29.30	7.86	28.30	7.58	26.50	7.02
	0	-0.7	34.00	8.58	32.10	8.04	30.20	7.50	29.30	7.24	28.30	6.99	26.50	6.48
	3	2.2	34.00	7.92	32.10	7.42	30.20	6.94	29.30	6.70	28.30	6.47	26.50	6.00
	5	4.1	34.00	7.52	32.10	7.05	30.20	6.59	29.30	6.37	28.30	6.15	26.50	5.71
	7	6	34.00	7.12	32.10	6.68	30.20	6.25	29.30	6.04	28.30	5.83	26.50	5.42
	9	7.9	34.00	6.74	32.10	6.33	30.20	5.93	29.30	5.73	28.30	5.53	26.50	5.14
	11	9.8	34.00	6.38	32.10	5.99	30.20	5.61	29.30	5.43	28.30	5.24	26.50	4.88
	13	11.8	34.00	6.01	32.10	5.65	30.20	5.30	29.30	5.13	28.30	4.96	26.50	4.62
	15	13.7	34.00	5.69	32.10	5.35	30.20	5.02	29.30	4.86	28.30	4.70	26.50	4.38
70	-30	-30.2	21.60	10.45	21.50	10.53	21.30	10.60	21.30	10.64	21.20	10.68	21.10	10.75

3. ARUM120LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	25.00	11.10	24.90	11.19	24.70	11.27	24.60	11.31	24.50	11.35	23.10	10.64
	-21.8	-22	27.10	11.49	26.90	11.58	26.50	11.47	25.60	11.05	24.80	10.64	23.10	9.83
	-19.8	-20	28.60	11.76	28.10	11.67	26.50	10.87	25.60	10.48	24.80	10.09	23.10	9.33
	-18.8	-19	29.30	11.89	28.10	11.36	26.50	10.59	25.60	10.21	24.80	9.83	23.10	9.09
	-16.7	-17	29.80	11.52	28.10	10.77	26.50	10.04	25.60	9.68	24.80	9.32	23.10	8.62
	-15	-15.9	29.80	11.16	28.10	10.44	26.50	9.72	25.60	9.37	24.80	9.02	23.10	8.34
	-13.7	-15	29.80	10.81	28.10	10.10	26.50	9.41	25.60	9.07	24.80	8.73	23.10	8.07
	-11.8	-13	29.80	10.31	28.10	9.63	26.50	8.98	25.60	8.65	24.80	8.33	23.10	7.70
	-9.8	-11	29.80	9.77	28.10	9.15	26.50	8.54	25.60	8.23	24.80	7.93	23.10	7.33
	-9.5	-10	29.80	9.53	28.10	8.92	26.50	8.32	25.60	8.03	24.80	7.74	23.10	7.17
	-8.5	-9.1	29.80	9.29	28.10	8.70	26.50	8.12	25.60	7.84	24.80	7.56	23.10	7.00
	-7	-7.6	29.80	8.92	28.10	8.36	26.50	7.80	25.60	7.53	24.80	7.26	23.10	6.73
	-5	-5.6	29.80	8.44	28.10	7.91	26.50	7.39	25.60	7.14	24.80	6.88	23.10	6.39
	-3	-3.7	29.80	8.01	28.10	7.51	26.50	7.02	25.60	6.78	24.80	6.54	23.10	6.07
	0	-0.7	29.80	7.37	28.10	6.92	26.50	6.48	25.60	6.26	24.80	6.04	23.10	5.61
	3	2.2	29.80	6.82	28.10	6.41	26.50	6.00	25.60	5.80	24.80	5.60	23.10	5.21
	5	4.1	29.80	6.48	28.10	6.09	26.50	5.71	25.60	5.52	24.80	5.33	23.10	4.96
	7	6	29.80	6.15	28.10	5.78	26.50	5.42	25.60	5.24	24.80	5.06	23.10	4.72
	9	7.9	29.80	5.83	28.10	5.48	26.50	5.14	25.60	4.98	24.80	4.81	23.10	4.48
	11	9.8	29.80	5.52	28.10	5.20	26.50	4.88	25.60	4.72	24.80	4.57	23.10	4.26
	13	11.8	29.80	5.22	28.10	4.91	26.50	4.62	25.60	4.47	24.80	4.33	23.10	4.04
	15	13.7	29.80	4.94	28.10	4.66	26.50	4.38	25.60	4.24	24.80	4.11	23.10	3.84
60	-30	-30.2	21.30	10.61	21.20	10.68	21.00	10.75	21.00	10.79	20.90	10.83	19.80	10.23
	-24.8	-25	24.60	11.30	24.10	11.14	22.70	10.39	22.00	10.02	21.30	9.65	19.80	8.93
	-21.8	-22	25.50	10.99	24.10	10.29	22.70	9.60	22.00	9.26	21.30	8.93	19.80	8.26
	-19.8	-20	25.50	10.42	24.10	9.76	22.70	9.11	22.00	8.79	21.30	8.47	19.80	7.85
	-18.8	-19	25.50	10.15	24.10	9.51	22.70	8.88	22.00	8.57	21.30	8.26	19.80	7.65
	-16.7	-17	25.50	9.63	24.10	9.02	22.70	8.42	22.00	8.13	21.30	7.84	19.80	7.26
	-15	-15.9	25.50	9.32	24.10	8.73	22.70	8.14	22.00	7.86	21.30	7.57	19.80	7.01
	-13.7	-15	25.50	9.02	24.10	8.45	22.70	7.89	22.00	7.61	21.30	7.34	19.80	6.80
	-11.8	-13	25.50	8.61	24.10	8.06	22.70	7.53	22.00	7.26	21.30	7.00	19.80	6.49
	-9.8	-11	25.50	8.19	24.10	7.67	22.70	7.17	22.00	6.92	21.30	6.67	19.80	6.18
	-9.5	-10	25.50	7.99	24.10	7.50	22.70	7.01	22.00	6.77	21.30	6.54	19.80	6.07
	-8.5	-9.1	25.50	7.80	24.10	7.32	22.70	6.85	22.00	6.61	21.30	6.38	19.80	5.93
	-7	-7.6	25.50	7.49	24.10	7.03	22.70	6.58	22.00	6.36	21.30	6.14	19.80	5.71
	-5	-5.6	25.50	7.10	24.10	6.67	22.70	6.25	22.00	6.04	21.30	5.83	19.80	5.42
	-3	-3.7	25.50	6.75	24.10	6.34	22.70	5.94	22.00	5.74	21.30	5.55	19.80	5.16
	0	-0.7	25.50	6.23	24.10	5.86	22.70	5.49	22.00	5.31	21.30	5.13	19.80	4.78
	3	2.2	25.50	5.77	24.10	5.43	22.70	5.10	22.00	4.94	21.30	4.77	19.80	4.45
	5	4.1	25.50	5.49	24.10	5.17	22.70	4.86	22.00	4.70	21.30	4.55	19.80	4.24
	7	6	25.50	5.22	24.10	4.91	22.70	4.62	22.00	4.47	21.30	4.33	19.80	4.04
	9	7.9	25.50	4.95	24.10	4.67	22.70	4.39	22.00	4.26	21.30	4.12	19.80	3.85
	11	9.8	25.50	4.70	24.10	4.44	22.70	4.18	22.00	4.05	21.30	3.92	19.80	3.67
	13	11.8	25.50	4.45	24.10	4.20	22.70	3.96	22.00	3.84	21.30	3.72	19.80	3.48
	15	13.7	25.50	4.22	24.10	3.99	22.70	3.76	22.00	3.65	21.30	3.54	19.80	3.32
50	-30	-30.2	20.90	10.82	20.10	10.37	18.90	9.69	18.30	9.35	17.70	9.01	16.50	8.35
	-24.8	-25	21.30	9.65	20.10	9.05	18.90	8.46	18.30	8.17	17.70	7.88	16.50	7.31

3. ARUM120LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	21.30	8.93	20.10	8.37	18.90	7.83	18.30	7.56	17.70	7.30	16.50	6.77
	-19.8	-20	21.30	8.47	20.10	7.95	18.90	7.44	18.30	7.19	17.70	6.93	16.50	6.44
	-18.8	-19	21.30	8.26	20.10	7.75	18.90	7.25	18.30	7.01	17.70	6.76	16.50	6.28
	-16.7	-17	21.30	7.84	20.10	7.36	18.90	6.89	18.30	6.66	17.70	6.43	16.50	5.97
	-15	-15.9	21.30	7.57	20.10	7.11	18.90	6.65	18.30	6.42	17.70	6.20	16.50	5.76
	-13.7	-15	21.30	7.34	20.10	6.88	18.90	6.44	18.30	6.22	17.70	6.01	16.50	5.58
	-11.8	-13	21.30	7.00	20.10	6.57	18.90	6.15	18.30	5.95	17.70	5.74	16.50	5.34
	-9.8	-11	21.30	6.67	20.10	6.26	18.90	5.87	18.30	5.67	17.70	5.47	16.50	5.09
	-9.5	-10	21.30	6.54	20.10	6.15	18.90	5.76	18.30	5.57	17.70	5.39	16.50	5.02
	-8.5	-9.1	21.30	6.38	20.10	6.00	18.90	5.63	18.30	5.45	17.70	5.26	16.50	4.90
	-7	-7.6	21.30	6.14	20.10	5.78	18.90	5.42	18.30	5.24	17.70	5.07	16.50	4.73
	-5	-5.6	21.30	5.83	20.10	5.49	18.90	5.15	18.30	4.99	17.70	4.82	16.50	4.50
	-3	-3.7	21.30	5.55	20.10	5.23	18.90	4.91	18.30	4.75	17.70	4.60	16.50	4.29
	0	-0.7	21.30	5.14	20.10	4.84	18.90	4.55	18.30	4.41	17.70	4.27	16.50	3.99
	3	2.2	21.30	4.77	20.10	4.51	18.90	4.24	18.30	4.11	17.70	3.98	16.50	3.72
	5	4.1	21.30	4.55	20.10	4.29	18.90	4.04	18.30	3.92	17.70	3.80	16.50	3.56
	7	6	21.30	4.33	20.10	4.09	18.90	3.85	18.30	3.74	17.70	3.62	16.50	3.40
	9	7.9	21.30	4.12	20.10	3.90	18.90	3.67	18.30	3.56	17.70	3.46	16.50	3.24
	11	9.8	21.30	3.92	20.10	3.71	18.90	3.50	18.30	3.40	17.70	3.30	16.50	3.10
	13	11.8	21.30	3.72	20.10	3.52	18.90	3.33	18.30	3.23	17.70	3.14	16.50	2.95
	15	13.7	21.30	3.54	20.10	3.35	18.90	3.17	18.30	3.08	17.70	2.99	16.50	2.81

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

3.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	22.50	9.98	22.40	10.07	22.20	10.15	22.10	10.19	22.00	10.23	21.90	10.32
	-24.8	-25	26.20	10.49	26.00	10.59	25.90	10.68	25.80	10.73	25.70	10.78	25.50	10.87
	-21.8	-22	28.50	10.79	28.30	10.89	28.10	10.99	28.00	11.04	27.90	11.09	27.70	11.18
	-19.8	-20	30.20	10.99	29.90	11.09	29.70	11.20	29.60	11.25	29.50	11.30	29.30	11.40
	-18.8	-19	31.00	11.09	30.80	11.19	30.60	11.30	30.50	11.35	30.30	11.40	30.10	11.50
	-16.7	-17	32.70	11.29	32.50	11.40	32.30	11.51	32.20	11.56	32.00	11.61	31.80	11.72
	-15	-15.9	33.80	11.41	33.50	11.52	33.30	11.63	33.20	11.68	33.10	11.74	32.80	11.84
	-13.7	-15	34.70	11.51	34.40	11.63	34.20	11.74	34.10	11.80	34.00	11.85	33.80	11.96
	-11.8	-13	36.50	11.71	36.20	11.82	36.00	11.94	35.80	12.00	35.70	12.05	35.50	12.16
	-9.8	-11	38.40	11.91	38.10	12.03	37.90	12.15	37.80	12.21	37.60	12.27	37.40	12.38
	-9.5	-10	39.40	12.01	39.10	12.13	38.80	12.25	38.70	12.31	38.60	12.37	38.30	12.49
	-8.5	-9.1	40.30	12.11	40.00	12.23	39.70	12.35	39.60	12.41	39.50	12.47	39.20	12.59
	-7	-7.6	41.90	12.27	41.60	12.39	41.30	12.52	41.20	12.58	41.00	12.64	40.70	12.76
	-5	-5.6	44.10	12.49	43.80	12.62	43.50	12.74	43.30	12.81	43.20	12.87	42.90	12.99
	-3	-3.7	46.30	12.70	46.00	12.83	45.60	12.96	45.50	13.03	45.30	13.09	43.00	12.33
	0	-0.7	49.90	13.04	49.50	13.18	49.10	13.30	47.60	12.79	46.10	12.28	43.00	11.30
	3	2.2	53.50	13.37	52.20	13.15	49.10	12.21	47.60	11.74	46.10	11.28	43.00	10.39
	5	4.1	52.30	12.19	49.20	11.31	46.10	10.46	44.60	10.04	43.00	9.62	39.90	8.81
	7	6	49.30	10.45	46.20	9.65	43.00	8.88	41.40	8.50	39.90	8.12	36.70	7.39
	9	7.9	46.10	8.85	43.00	8.14	39.80	7.45	38.20	7.11	36.60	6.78	33.40	6.12
	11	9.8	42.90	7.43	39.70	6.80	36.50	6.19	34.90	5.89	33.30	5.59	30.00	5.01
	13	11.8	39.50	6.15	36.30	5.59	33.10	5.06	31.40	4.79	29.80	4.53	26.50	4.02
	15	13.7	36.00	5.03	32.80	4.55	29.50	4.08	27.90	3.85	26.20	3.63	22.80	3.18
120	-30	-30.2	22.40	10.03	22.30	10.11	22.10	10.20	22.00	10.24	21.90	10.28	21.80	10.36
	-24.8	-25	26.10	10.56	25.90	10.65	25.70	10.74	25.60	10.79	25.60	10.83	25.40	10.92
	-21.8	-22	28.40	10.86	28.20	10.96	28.00	11.06	27.90	11.11	27.80	11.16	27.60	11.25
	-19.8	-20	30.00	11.07	29.80	11.17	29.60	11.27	29.50	11.32	29.40	11.37	29.20	11.47
	-18.8	-19	30.80	11.17	30.60	11.28	30.40	11.38	30.30	11.43	30.20	11.48	30.00	11.58
	-16.7	-17	32.50	11.38	32.30	11.49	32.10	11.60	32.00	11.65	31.90	11.70	31.70	11.80
	-15	-15.9	33.50	11.50	33.30	11.61	33.10	11.72	33.00	11.78	32.90	11.83	32.60	11.93
	-13.7	-15	34.50	11.61	34.20	11.73	34.00	11.84	33.90	11.89	33.80	11.95	33.60	12.05
	-11.8	-13	36.20	11.82	36.00	11.93	35.70	12.04	35.60	12.10	35.50	12.15	35.30	12.26
	-9.8	-11	38.20	12.03	37.90	12.15	37.60	12.27	37.50	12.33	37.40	12.38	37.10	12.49
	-9.5	-10	39.10	12.14	38.80	12.26	38.50	12.37	38.40	12.43	38.30	12.49	38.00	12.60
	-8.5	-9.1	40.00	12.24	39.70	12.36	39.50	12.48	39.30	12.54	39.20	12.59	38.90	12.71
	-7	-7.6	41.60	12.41	41.30	12.53	41.00	12.65	40.90	12.71	40.70	12.77	39.70	12.53
	-5	-5.6	43.70	12.64	43.40	12.76	43.10	12.89	43.00	12.95	42.50	12.87	39.70	11.83
	-3	-3.7	45.90	12.86	45.60	12.99	45.20	13.12	43.90	12.66	42.50	12.17	39.70	11.19
	0	-0.7	49.40	13.22	48.20	12.98	45.40	12.05	43.90	11.60	42.50	11.15	39.70	10.27
	3	2.2	51.00	12.79	48.20	11.92	45.40	11.07	43.90	10.66	42.50	10.25	39.70	9.45
	5	4.1	48.30	11.06	45.40	10.27	42.60	9.51	41.10	9.13	39.70	8.76	36.80	8.04
	7	6	45.50	9.49	42.60	8.78	39.70	8.09	38.30	7.75	36.80	7.41	33.90	6.75
	9	7.9	42.60	8.06	39.70	7.42	36.70	6.81	35.30	6.50	33.80	6.20	30.80	5.61
	11	9.8	39.60	6.78	36.60	6.22	33.70	5.67	32.20	5.40	30.70	5.13	27.70	4.60
	13	11.8	36.50	5.62	33.50	5.13	30.50	4.65	29.00	4.41	27.50	4.17	24.40	3.71

3. ARUM120LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	33.30	4.62	30.30	4.19	27.20	3.77	25.70	3.56	24.20	3.36	21.10	2.95
110	-30	-30.2	22.30	10.08	22.20	10.17	22.00	10.25	21.90	10.29	21.80	10.33	21.70	10.41
	-24.8	-25	26.00	10.63	25.80	10.72	25.60	10.81	25.50	10.86	25.40	10.90	25.20	10.99
	-21.8	-22	28.20	10.95	28.00	11.04	27.80	11.14	27.70	11.19	27.60	11.23	27.50	11.33
	-19.8	-20	29.80	11.16	29.60	11.26	29.40	11.36	29.30	11.41	29.20	11.46	29.00	11.55
	-18.8	-19	30.60	11.27	30.40	11.37	30.20	11.47	30.10	11.52	30.00	11.57	29.80	11.67
	-16.7	-17	32.30	11.49	32.10	11.59	31.90	11.70	31.80	11.75	31.70	11.80	31.40	11.90
	-15	-15.9	33.30	11.62	33.10	11.72	32.90	11.83	32.80	11.88	32.60	11.93	32.40	12.03
	-13.7	-15	34.20	11.73	34.00	11.84	33.80	11.95	33.70	12.01	33.60	12.06	33.40	12.16
	-11.8	-13	36.00	11.94	35.70	12.06	35.50	12.17	35.30	12.22	35.20	12.27	35.00	12.38
	-9.8	-11	37.80	12.17	37.60	12.29	37.30	12.40	37.20	12.46	37.10	12.51	36.40	12.39
	-9.5	-10	38.80	12.28	38.50	12.40	38.20	12.51	38.10	12.57	38.00	12.62	36.40	12.07
	-8.5	-9.1	39.70	12.39	39.40	12.51	39.10	12.62	39.00	12.68	38.90	12.74	36.40	11.77
	-7	-7.6	41.20	12.57	40.90	12.69	40.60	12.81	40.30	12.75	39.00	12.26	36.40	11.28
	-5	-5.6	43.30	12.81	43.00	12.93	41.60	12.52	40.30	12.04	39.00	11.57	36.40	10.66
	-3	-3.7	45.40	13.05	44.20	12.75	41.60	11.84	40.30	11.39	39.00	10.95	36.40	10.09
	0	-0.7	46.80	12.52	44.20	11.67	41.60	10.85	40.30	10.45	39.00	10.05	36.40	9.27
	3	2.2	46.80	11.49	44.20	10.73	41.60	9.98	40.30	9.62	39.00	9.25	36.40	8.54
	5	4.1	44.30	9.96	41.70	9.27	39.00	8.59	37.70	8.26	36.40	7.93	33.80	7.28
	7	6	41.70	8.56	39.10	7.93	36.40	7.32	35.10	7.02	33.70	6.72	31.10	6.14
	9	7.9	39.00	7.29	36.40	6.73	33.70	6.18	32.30	5.91	31.00	5.64	28.30	5.11
	11	9.8	36.30	6.15	33.60	5.65	30.90	5.16	29.50	4.92	28.10	4.68	25.40	4.21
	13	11.8	33.40	5.12	30.70	4.68	28.00	4.25	26.60	4.04	25.20	3.83	22.40	3.41
	15	13.7	30.50	4.22	27.70	3.84	25.00	3.46	23.60	3.28	22.20	3.09	19.30	2.73
100	-30	-30.2	22.20	10.15	22.00	10.23	21.90	10.31	21.80	10.35	21.70	10.39	21.60	10.47
	-24.8	-25	25.80	10.72	25.60	10.81	25.40	10.90	25.30	10.94	25.30	10.98	25.10	11.07
	-21.8	-22	28.00	11.05	27.80	11.14	27.60	11.24	27.50	11.28	27.50	11.33	27.30	11.42
	-19.8	-20	29.60	11.27	29.40	11.37	29.20	11.47	29.10	11.51	29.00	11.56	28.80	11.65
	-18.8	-19	30.40	11.38	30.20	11.48	30.00	11.58	29.90	11.63	29.80	11.68	29.60	11.77
	-16.7	-17	32.00	11.61	31.80	11.72	31.60	11.82	31.50	11.87	31.40	11.92	31.20	12.01
	-15	-15.9	33.00	11.75	32.80	11.85	32.60	11.96	32.50	12.01	32.40	12.06	32.20	12.15
	-13.7	-15	34.00	11.87	33.70	11.98	33.50	12.09	33.40	12.14	33.30	12.19	33.10	12.27
	-11.8	-13	35.60	12.09	35.40	12.20	35.20	12.31	35.00	12.36	34.90	12.41	33.10	11.68
	-9.8	-11	37.50	12.33	37.20	12.45	37.00	12.56	36.60	12.49	35.40	12.00	33.10	11.05
	-9.5	-10	38.40	12.45	38.10	12.56	37.80	12.64	36.60	12.16	35.40	11.69	33.10	10.77
	-8.5	-9.1	39.30	12.56	39.00	12.68	37.80	12.32	36.60	11.86	35.40	11.40	33.10	10.51
	-7	-7.6	40.80	12.75	40.20	12.71	37.80	11.81	36.60	11.37	35.40	10.93	33.10	10.08
	-5	-5.6	42.50	12.87	40.20	12.00	37.80	11.16	36.60	10.74	35.40	10.33	33.10	9.53
	-3	-3.7	42.50	12.17	40.20	11.35	37.80	10.56	36.60	10.17	35.40	9.79	33.10	9.03
	0	-0.7	42.50	11.15	40.20	10.41	37.80	9.69	36.60	9.34	35.40	8.99	33.10	8.30
	3	2.2	42.50	10.25	40.20	9.58	37.80	8.93	36.60	8.61	35.40	8.29	33.10	7.67
	5	4.1	40.20	8.90	37.90	8.30	35.50	7.70	34.30	7.41	33.10	7.12	30.70	6.55
	7	6	37.90	7.67	35.50	7.12	33.10	6.58	31.90	6.31	30.70	6.05	28.20	5.54
	9	7.9	35.50	6.55	33.10	6.05	30.60	5.57	29.40	5.33	28.20	5.09	25.70	4.63
	11	9.8	33.00	5.54	30.50	5.10	28.10	4.67	26.80	4.46	25.60	4.25	23.10	3.83
	13	11.8	30.40	4.63	27.90	4.24	25.40	3.86	24.20	3.67	22.90	3.49	20.40	3.12
	15	13.7	27.70	3.84	25.20	3.50	22.70	3.16	21.40	3.00	20.10	2.84	17.60	2.52

3. ARUM120LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	22.00	10.23	21.90	10.31	21.70	10.39	21.70	10.43	21.60	10.47	21.40	10.55
	-24.8	-25	25.60	10.82	25.40	10.91	25.20	10.99	25.20	11.04	25.10	11.08	24.90	11.16
	-21.8	-22	27.80	11.17	27.60	11.26	27.40	11.35	27.30	11.40	27.20	11.44	27.10	11.53
	-19.8	-20	29.30	11.40	29.10	11.50	28.90	11.59	28.80	11.64	28.70	11.68	28.50	11.77
	-18.8	-19	30.10	11.52	29.90	11.62	29.70	11.71	29.60	11.76	29.50	11.81	29.30	11.90
	-16.7	-17	31.70	11.76	31.50	11.86	31.30	11.96	31.20	12.01	31.10	12.06	29.80	11.51
	-15	-15.9	32.70	11.90	32.50	12.01	32.30	12.11	32.20	12.16	31.90	12.11	29.80	11.16
	-13.7	-15	33.60	12.04	33.40	12.14	33.20	12.25	33.00	12.22	31.90	11.74	29.80	10.81
	-11.8	-13	35.20	12.27	35.00	12.38	34.00	12.08	33.00	11.63	31.90	11.18	29.80	10.31
	-9.8	-11	37.00	12.53	36.10	12.29	34.00	11.43	33.00	11.01	31.90	10.59	29.80	9.77
	-9.5	-10	37.90	12.65	36.10	11.98	34.00	11.14	33.00	10.73	31.90	10.32	29.80	9.53
	-8.5	-9.1	38.30	12.51	36.10	11.68	34.00	10.86	33.00	10.46	31.90	10.07	29.80	9.29
	-7	-7.6	38.30	11.99	36.10	11.19	34.00	10.42	33.00	10.04	31.90	9.66	29.80	8.92
	-5	-5.6	38.30	11.32	36.10	10.58	34.00	9.85	33.00	9.49	31.90	9.14	29.80	8.44
	-3	-3.7	38.30	10.72	36.10	10.02	34.00	9.33	33.00	8.99	31.90	8.66	29.80	8.01
	0	-0.7	38.30	9.83	36.10	9.20	34.00	8.58	33.00	8.27	31.90	7.97	29.80	7.37
	3	2.2	38.30	9.06	36.10	8.48	34.00	7.92	33.00	7.64	31.90	7.36	29.80	6.82
	5	4.1	36.20	7.89	34.10	7.36	31.90	6.84	30.90	6.59	29.80	6.34	27.60	5.84
	7	6	34.10	6.81	32.00	6.33	29.80	5.86	28.70	5.63	27.60	5.40	25.40	4.95
	9	7.9	31.90	5.83	29.80	5.40	27.60	4.98	26.50	4.77	25.40	4.57	23.10	4.16
	11	9.8	29.70	4.95	27.50	4.57	25.30	4.19	24.10	4.01	23.00	3.82	20.80	3.46
	13	11.8	27.40	4.15	25.10	3.82	22.90	3.48	21.80	3.32	20.60	3.16	18.30	2.84
	15	13.7	25.00	3.46	22.70	3.16	20.40	2.87	19.30	2.73	18.10	2.59	15.80	2.31
80	-30	-30.2	21.90	10.33	21.70	10.41	21.60	10.48	21.50	10.52	21.40	10.56	21.30	10.63
	-24.8	-25	25.30	10.94	25.20	11.03	25.00	11.12	24.90	11.16	24.80	11.20	24.70	11.28
	-21.8	-22	27.50	11.31	27.30	11.40	27.10	11.49	27.00	11.53	27.00	11.58	26.50	11.47
	-19.8	-20	29.00	11.56	28.80	11.65	28.60	11.74	28.50	11.79	28.30	11.79	26.50	10.87
	-18.8	-19	29.80	11.69	29.60	11.78	29.40	11.87	29.30	11.92	28.30	11.48	26.50	10.59
	-16.7	-17	31.40	11.94	31.10	12.04	30.20	11.73	29.30	11.30	28.30	10.87	26.50	10.04
	-15	-15.9	32.30	12.09	32.10	12.19	30.20	11.37	29.30	10.95	28.30	10.54	26.50	9.72
	-13.7	-15	33.20	12.24	32.10	11.85	30.20	11.02	29.30	10.61	28.30	10.20	26.50	9.41
	-11.8	-13	34.00	12.08	32.10	11.28	30.20	10.50	29.30	10.11	28.30	9.73	26.50	8.98
	-9.8	-11	34.00	11.43	32.10	10.68	30.20	9.95	29.30	9.59	28.30	9.23	26.50	8.54
	-9.5	-10	34.00	11.14	32.10	10.41	30.20	9.70	29.30	9.35	28.30	9.00	26.50	8.32
	-8.5	-9.1	34.00	10.86	32.10	10.15	30.20	9.46	29.30	9.12	28.30	8.79	26.50	8.12
	-7	-7.6	34.00	10.42	32.10	9.74	30.20	9.08	29.30	8.76	28.30	8.43	26.50	7.80
	-5	-5.6	34.00	9.85	32.10	9.21	30.20	8.59	29.30	8.29	28.30	7.99	26.50	7.39
	-3	-3.7	34.00	9.33	32.10	8.73	30.20	8.15	29.30	7.86	28.30	7.58	26.50	7.02
	0	-0.7	34.00	8.58	32.10	8.04	30.20	7.50	29.30	7.24	28.30	6.99	26.50	6.48
	3	2.2	34.00	7.92	32.10	7.42	30.20	6.94	29.30	6.70	28.30	6.47	26.50	6.00
	5	4.1	32.20	6.91	30.30	6.46	28.40	6.02	27.40	5.80	26.50	5.58	24.60	5.16
	7	6	30.30	5.98	28.40	5.57	26.50	5.17	25.50	4.97	24.50	4.78	22.60	4.39
	9	7.9	28.40	5.14	26.40	4.77	24.50	4.41	23.50	4.23	22.50	4.06	20.60	3.71
	11	9.8	26.40	4.38	24.40	4.05	22.50	3.73	21.50	3.57	20.50	3.41	18.50	3.10
	13	11.8	24.30	3.70	22.30	3.40	20.30	3.12	19.30	2.98	18.30	2.84	16.30	2.56
	15	13.7	22.20	3.10	20.20	2.84	18.20	2.59	17.10	2.47	16.10	2.34	14.10	2.10
70	-30	-30.2	21.60	10.45	21.50	10.53	21.30	10.60	21.30	10.64	21.20	10.68	21.10	10.75

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	25.00	11.10	24.90	11.19	24.70	11.27	24.60	11.31	24.50	11.35	23.10	10.64
	-21.8	-22	27.10	11.49	26.90	11.58	26.50	11.47	25.60	11.05	24.80	10.64	23.10	9.83
	-19.8	-20	28.60	11.76	28.10	11.67	26.50	10.87	25.60	10.48	24.80	10.09	23.10	9.33
	-18.8	-19	29.30	11.89	28.10	11.36	26.50	10.59	25.60	10.21	24.80	9.83	23.10	9.09
	-16.7	-17	29.80	11.52	28.10	10.77	26.50	10.04	25.60	9.68	24.80	9.32	23.10	8.62
	-15	-15.9	29.80	11.16	28.10	10.44	26.50	9.72	25.60	9.37	24.80	9.02	23.10	8.34
	-13.7	-15	29.80	10.81	28.10	10.10	26.50	9.41	25.60	9.07	24.80	8.73	23.10	8.07
	-11.8	-13	29.80	10.31	28.10	9.63	26.50	8.98	25.60	8.65	24.80	8.33	23.10	7.70
	-9.8	-11	29.80	9.77	28.10	9.15	26.50	8.54	25.60	8.23	24.80	7.93	23.10	7.33
	-9.5	-10	29.80	9.53	28.10	8.92	26.50	8.32	25.60	8.03	24.80	7.74	23.10	7.17
	-8.5	-9.1	29.80	9.29	28.10	8.70	26.50	8.12	25.60	7.84	24.80	7.56	23.10	7.00
	-7	-7.6	29.80	8.92	28.10	8.36	26.50	7.80	25.60	7.53	24.80	7.26	23.10	6.73
	-5	-5.6	29.80	8.44	28.10	7.91	26.50	7.39	25.60	7.14	24.80	6.88	23.10	6.39
	-3	-3.7	29.80	8.01	28.10	7.51	26.50	7.02	25.60	6.78	24.80	6.54	23.10	6.07
	0	-0.7	29.80	7.37	28.10	6.92	26.50	6.48	25.60	6.26	24.80	6.04	23.10	5.61
	3	2.2	29.80	6.82	28.10	6.41	26.50	6.00	25.60	5.80	24.80	5.60	23.10	5.21
	5	4.1	28.20	5.97	26.50	5.59	24.80	5.22	24.00	5.03	23.20	4.85	21.50	4.49
	7	6	26.50	5.18	24.90	4.84	23.20	4.50	22.30	4.34	21.50	4.17	19.80	3.85
	9	7.9	24.80	4.47	23.10	4.16	21.40	3.86	20.60	3.71	19.70	3.56	18.00	3.27
	11	9.8	23.10	3.83	21.40	3.56	19.70	3.28	18.80	3.15	17.90	3.02	16.20	2.75
	13	11.8	21.30	3.25	19.60	3.01	17.80	2.77	16.90	2.65	16.00	2.53	14.30	2.29
	15	13.7	19.40	2.74	17.70	2.53	15.90	2.32	15.00	2.21	14.10	2.11	12.30	1.90
60	-30	-30.2	21.30	10.61	21.20	10.68	21.00	10.75	21.00	10.79	20.90	10.83	19.80	10.23
	-24.8	-25	24.60	11.30	24.10	11.14	22.70	10.39	22.00	10.02	21.30	9.65	19.80	8.93
	-21.8	-22	25.50	10.99	24.10	10.29	22.70	9.60	22.00	9.26	21.30	8.93	19.80	8.26
	-19.8	-20	25.50	10.42	24.10	9.76	22.70	9.11	22.00	8.79	21.30	8.47	19.80	7.85
	-18.8	-19	25.50	10.15	24.10	9.51	22.70	8.88	22.00	8.57	21.30	8.26	19.80	7.65
	-16.7	-17	25.50	9.63	24.10	9.02	22.70	8.42	22.00	8.13	21.30	7.84	19.80	7.26
	-15	-15.9	25.50	9.32	24.10	8.73	22.70	8.14	22.00	7.86	21.30	7.57	19.80	7.01
	-13.7	-15	25.50	9.02	24.10	8.45	22.70	7.89	22.00	7.61	21.30	7.34	19.80	6.80
	-11.8	-13	25.50	8.61	24.10	8.06	22.70	7.53	22.00	7.26	21.30	7.00	19.80	6.49
	-9.8	-11	25.50	8.19	24.10	7.67	22.70	7.17	22.00	6.92	21.30	6.67	19.80	6.18
	-9.5	-10	25.50	7.99	24.10	7.50	22.70	7.01	22.00	6.77	21.30	6.54	19.80	6.07
	-8.5	-9.1	25.50	7.80	24.10	7.32	22.70	6.85	22.00	6.61	21.30	6.38	19.80	5.93
	-7	-7.6	25.50	7.49	24.10	7.03	22.70	6.58	22.00	6.36	21.30	6.14	19.80	5.71
	-5	-5.6	25.50	7.10	24.10	6.67	22.70	6.25	22.00	6.04	21.30	5.83	19.80	5.42
	-3	-3.7	25.50	6.75	24.10	6.34	22.70	5.94	22.00	5.74	21.30	5.55	19.80	5.16
	0	-0.7	25.50	6.23	24.10	5.86	22.70	5.49	22.00	5.31	21.30	5.13	19.80	4.78
	3	2.2	25.50	5.77	24.10	5.43	22.70	5.10	22.00	4.94	21.30	4.77	19.80	4.45
	5	4.1	24.10	5.07	22.70	4.76	21.30	4.45	20.60	4.30	19.90	4.15	18.40	3.86
	7	6	22.70	4.42	21.30	4.14	19.90	3.86	19.10	3.73	18.40	3.59	16.90	3.32
	9	7.9	21.30	3.84	19.80	3.58	18.40	3.33	17.60	3.21	16.90	3.08	15.40	2.84
	11	9.8	19.80	3.31	18.30	3.08	16.80	2.85	16.10	2.74	15.40	2.63	13.90	2.41
	13	11.8	18.20	2.83	16.80	2.62	15.30	2.42	14.50	2.32	13.80	2.23	12.20	2.03
	15	13.7	16.60	2.40	15.10	2.23	13.60	2.05	12.90	1.96	12.10	1.88	10.50	1.70
50	-30	-30.2	20.90	10.82	20.10	10.37	18.90	9.69	18.30	9.35	17.70	9.01	16.50	8.35
	-24.8	-25	21.30	9.65	20.10	9.05	18.90	8.46	18.30	8.17	17.70	7.88	16.50	7.31

3. ARUM120LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	21.30	8.93	20.10	8.37	18.90	7.83	18.30	7.56	17.70	7.30	16.50	6.77
	-19.8	-20	21.30	8.47	20.10	7.95	18.90	7.44	18.30	7.19	17.70	6.93	16.50	6.44
	-18.8	-19	21.30	8.26	20.10	7.75	18.90	7.25	18.30	7.01	17.70	6.76	16.50	6.28
	-16.7	-17	21.30	7.84	20.10	7.36	18.90	6.89	18.30	6.66	17.70	6.43	16.50	5.97
	-15	-15.9	21.30	7.57	20.10	7.11	18.90	6.65	18.30	6.42	17.70	6.20	16.50	5.76
	-13.7	-15	21.30	7.34	20.10	6.88	18.90	6.44	18.30	6.22	17.70	6.01	16.50	5.58
	-11.8	-13	21.30	7.00	20.10	6.57	18.90	6.15	18.30	5.95	17.70	5.74	16.50	5.34
	-9.8	-11	21.30	6.67	20.10	6.26	18.90	5.87	18.30	5.67	17.70	5.47	16.50	5.09
	-9.5	-10	21.30	6.54	20.10	6.15	18.90	5.76	18.30	5.57	17.70	5.39	16.50	5.02
	-8.5	-9.1	21.30	6.38	20.10	6.00	18.90	5.63	18.30	5.45	17.70	5.26	16.50	4.90
	-7	-7.6	21.30	6.14	20.10	5.78	18.90	5.42	18.30	5.24	17.70	5.07	16.50	4.73
	-5	-5.6	21.30	5.83	20.10	5.49	18.90	5.15	18.30	4.99	17.70	4.82	16.50	4.50
	-3	-3.7	21.30	5.55	20.10	5.23	18.90	4.91	18.30	4.75	17.70	4.60	16.50	4.29
	0	-0.7	21.30	5.14	20.10	4.84	18.90	4.55	18.30	4.41	17.70	4.27	16.50	3.99
	3	2.2	21.30	4.77	20.10	4.51	18.90	4.24	18.30	4.11	17.70	3.98	16.50	3.72
	5	4.1	20.10	4.21	18.90	3.96	17.70	3.72	17.10	3.60	16.50	3.48	15.30	3.25
	7	6	19.00	3.69	17.80	3.47	16.50	3.25	15.90	3.14	15.30	3.03	14.10	2.82
	9	7.9	17.70	3.23	16.50	3.02	15.30	2.82	14.70	2.72	14.10	2.63	12.90	2.43
	11	9.8	16.50	2.80	15.30	2.62	14.00	2.44	13.40	2.35	12.80	2.26	11.50	2.09
	13	11.8	15.20	2.42	14.00	2.25	12.70	2.09	12.10	2.01	11.50	1.94	10.20	1.78
	15	13.7	13.90	2.08	12.60	1.93	11.40	1.79	10.70	1.72	10.10	1.65	8.80	1.51

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

3. ARUM120LTE6

3.8 Capacity Correction Factor

3.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

3.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

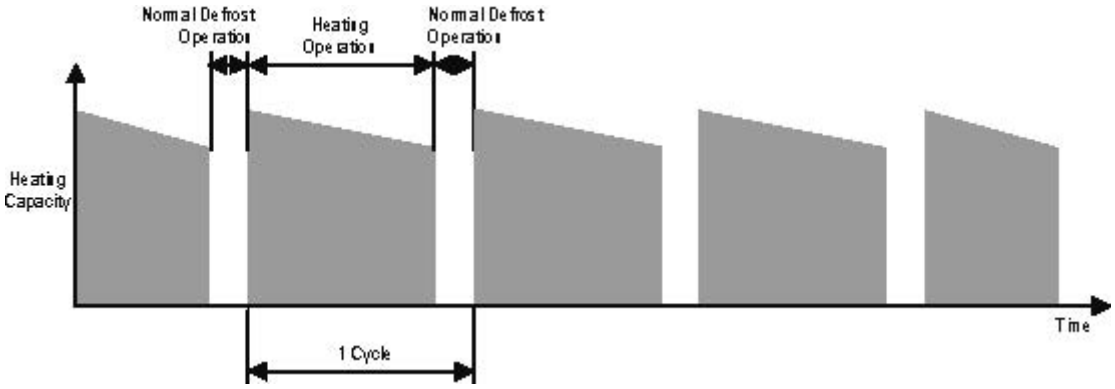
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

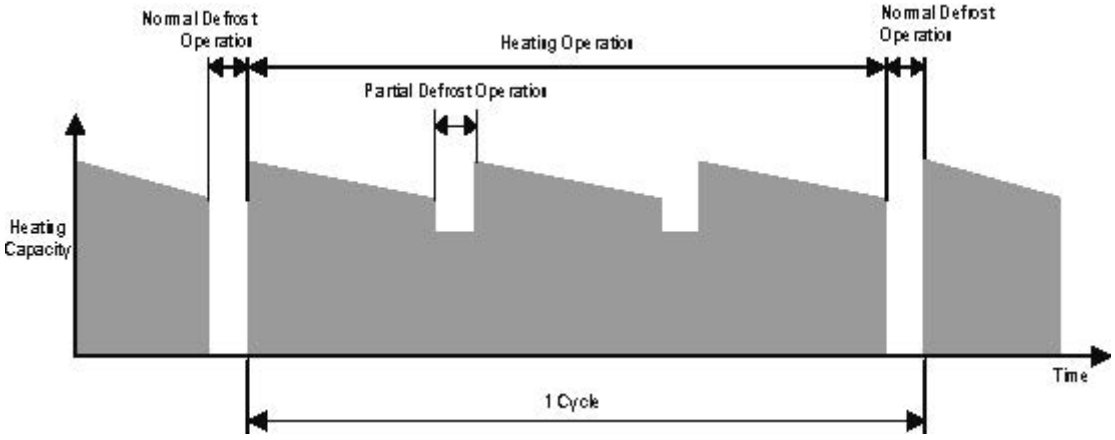
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



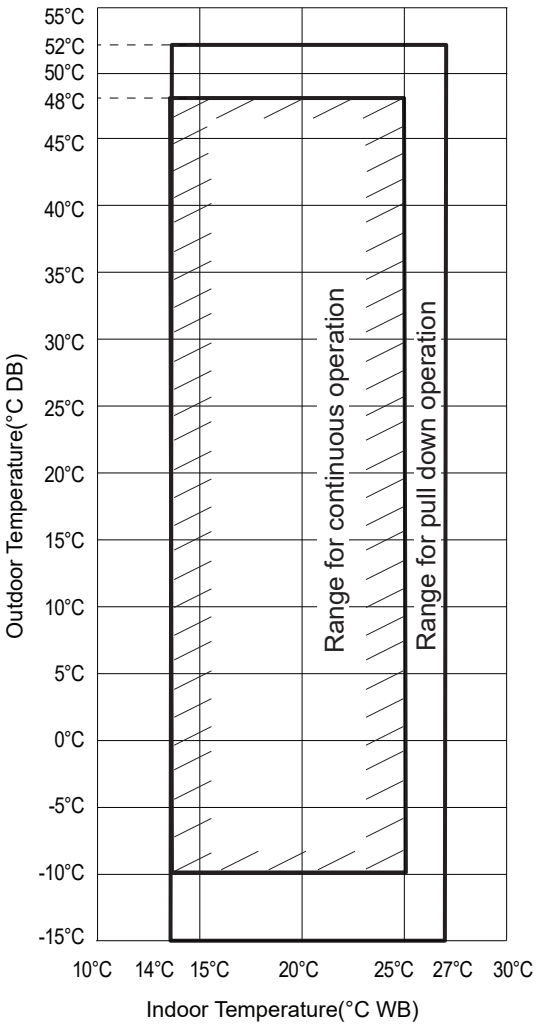
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

3.9 Operation Limits

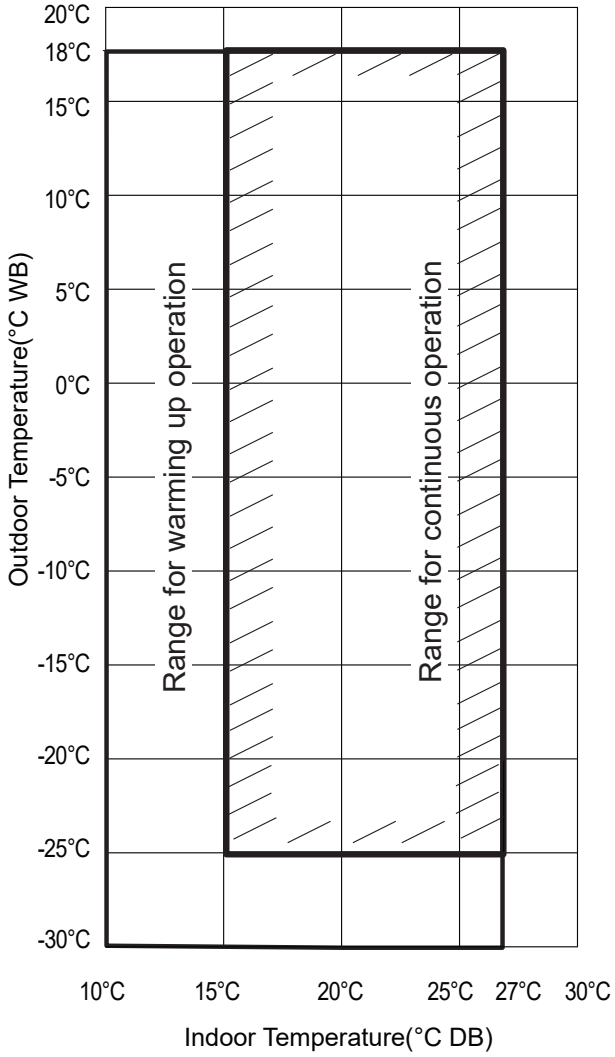
3.9.1 Cooling



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

3.9.2 Heating

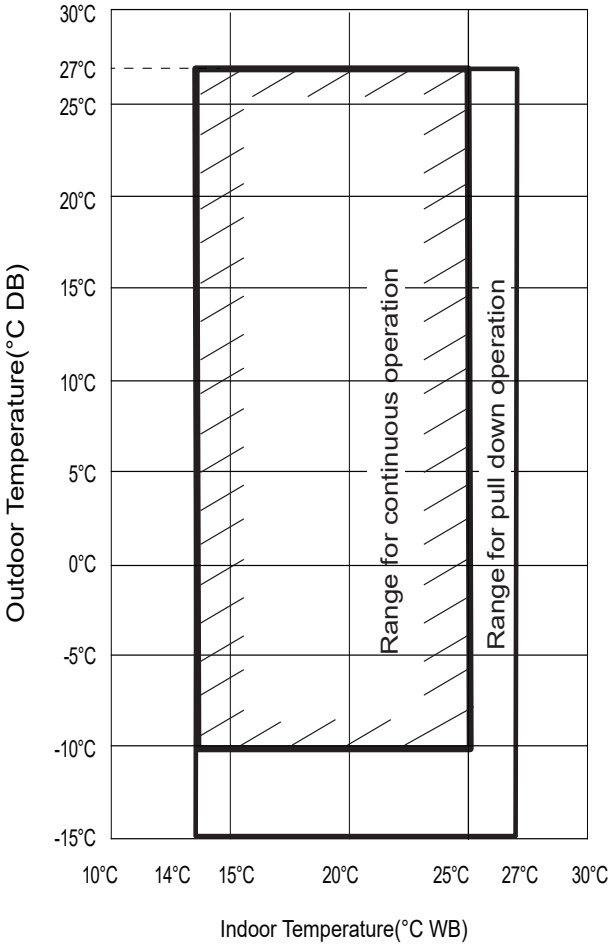


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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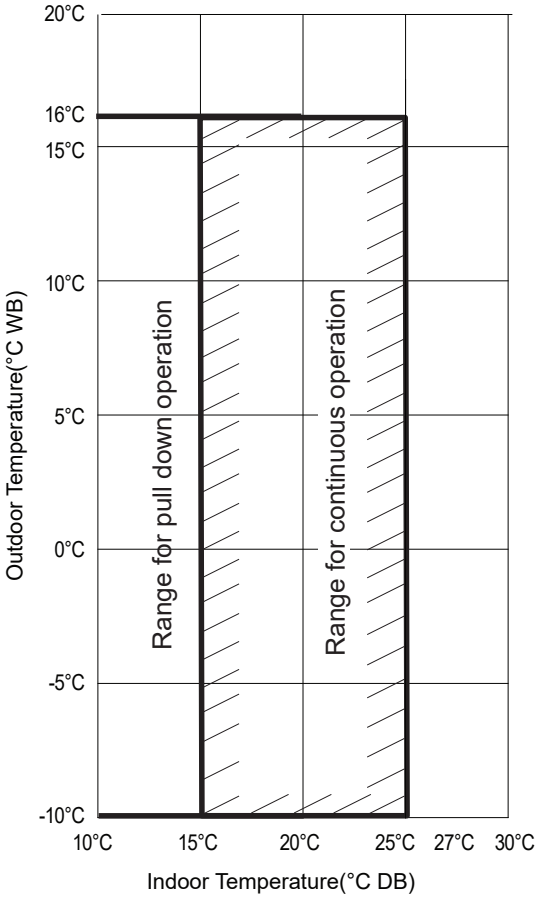
3.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

3.9.4 Simultaneous Operation (Heating)



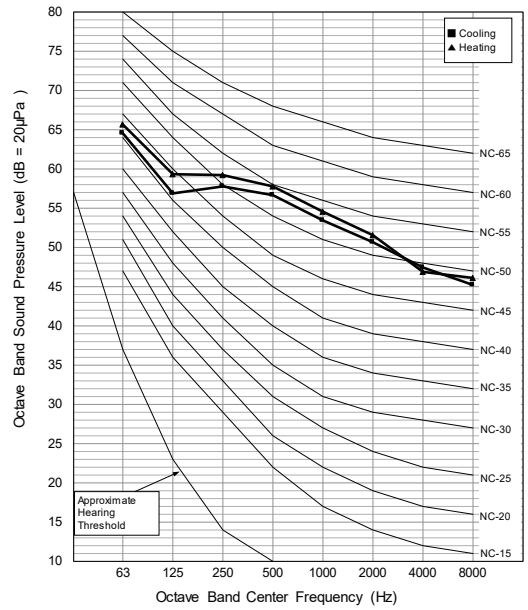
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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3.10 Sound Levels

3.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	64.6	56.9	57.8	56.7	53.4	50.6	47.4	45.2	*59.0*
Heating [dB]	65.7	59.4	59.2	57.8	54.6	51.5	46.9	46.2	*60.0*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	59.0	60.0	100	100
op4~op6, op11	57.0	58.0	80	80
op7~op9, op12	55.0	55.0	55	55

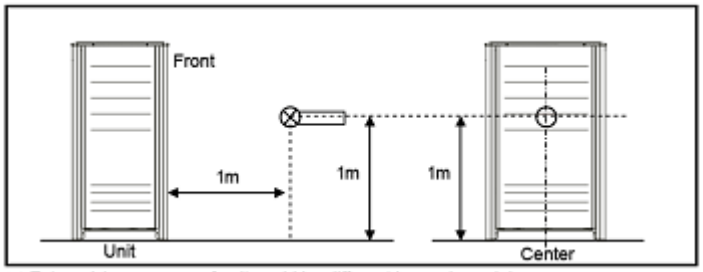
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	100
op3	60	100
op4	55	55
op5	50	35

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	59.0 / 60.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

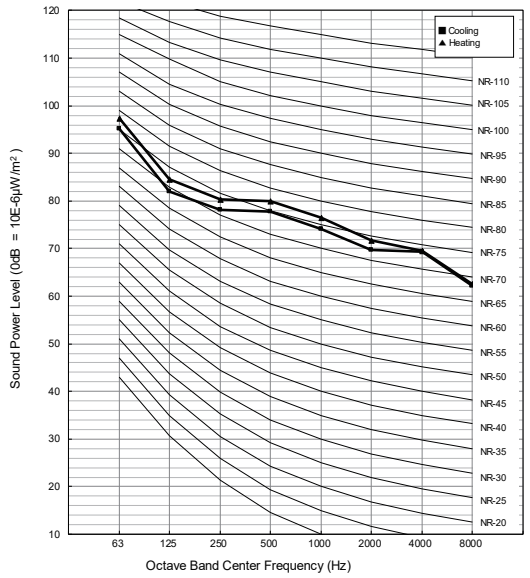
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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3.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	95.2	82.0	78.2	77.8	74.0	69.8	69.4	62.2	*80.0*
Heating [dB]	97.4	84.6	78.2	77.8	74.0	69.8	69.4	62.2	*82.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	80.0	82.0	100	100
op4~op6, op11	78.0	80.0	80	80
op7~op9, op12	77.0	77.0	55	55

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	80.0 / 82.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

4. ARUM140LTE6

4.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB
	Combination Unit (1)	-	ARUM140LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	19.41 - 18.44 - 17.77
	Running Current by Voltage (Heating,Rated)	A	13.77 - 13.08 - 12.61
Cooling Capacity	Rated	kW	39.2
		Btu/h	133,800
Heating Capacity	Rated	kW	39.2
		Btu/h	133,800
	Max	kW	44.1
		Btu/h	150,500
Power Input(Cooling)	Rated	kW	11.88
Power Input(Heating)	Rated	kW	8.43
Efficiency	EER(Rated)	W/W	3.30
	COP(Rated)	W/W	4.65
	SEER	Wh/Wh	8.55
	SCOP	Wh/Wh	5.17
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	320 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	900 x 2
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1
	Number of Revolution	rev./min	3,600
	Motor Output	W x No.	5,300 x 1
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	1
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,240 x 1,745 x 760
	Shipping(W x H x D)	mm	1,282 x 1,919 x 802
Weight	Net	kg	255
	Shipping	kg	265
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

4. ARUM140LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	13.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	27.138
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ12.7 (1/2)
	Gas	mm(inch)	Φ28.58 (1-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ22.2 (7/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	60.0 / 61.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	81.0 / 81.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	26.9
	Maximum Fuse Amperes (MFA)	A	32
	Total Over Current Amperes (TOCA)	A	30.0
	Comp_Maximum Starting Current (MSC)	A	5.9
	Comp_Rated Load Amperes (Cooling)	A	16.9
	Comp_Rated Load Amperes (Heating)	A	11.3
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	2.5
Connectable indoor units number	Max. (Conditional)	Units	23(35)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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4.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

4. ARUM140LTE6

4.3 Accessory Compatibility List

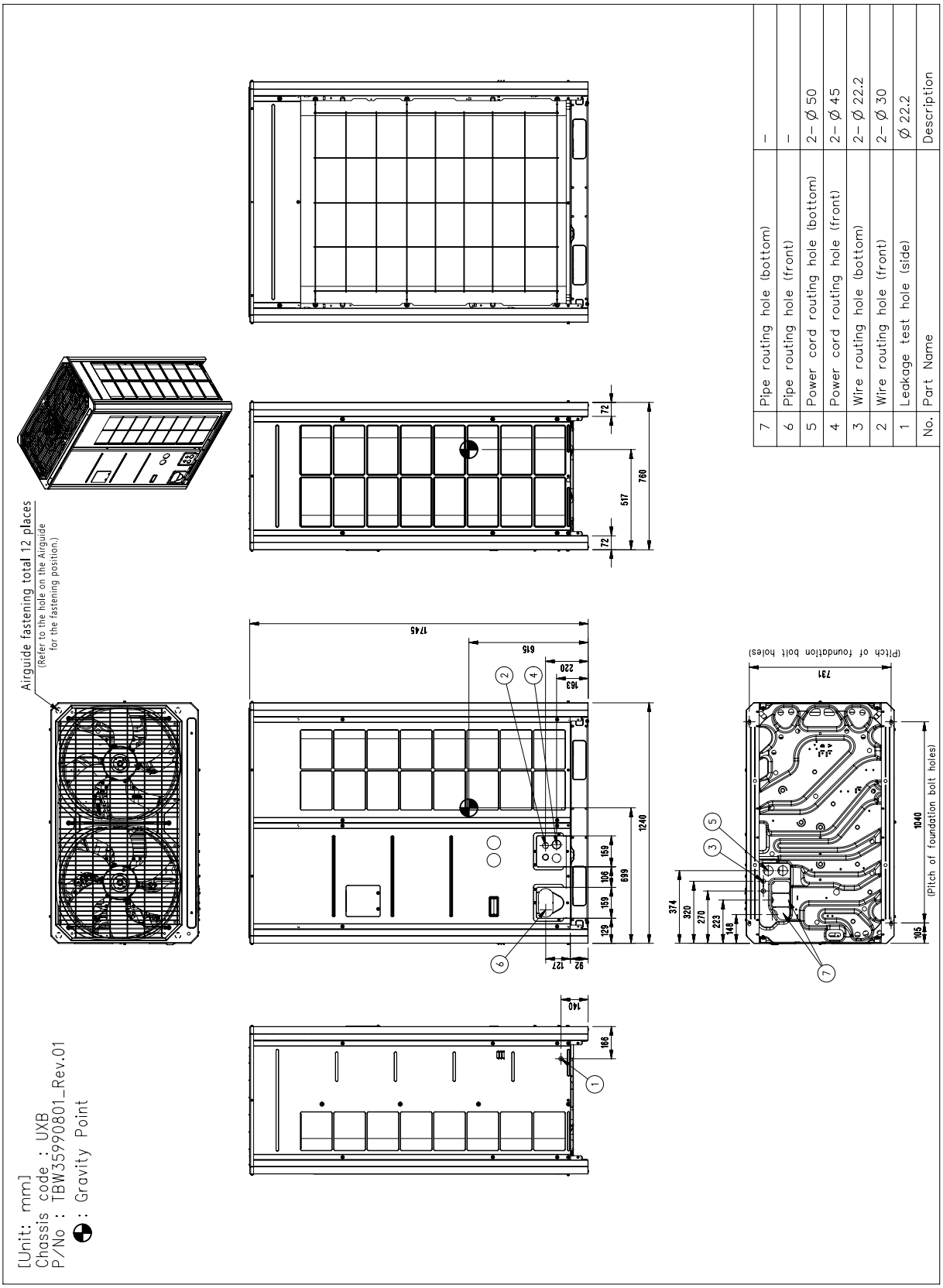
Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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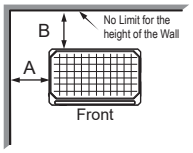
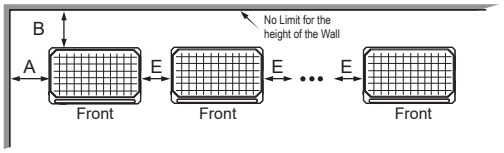
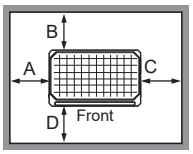
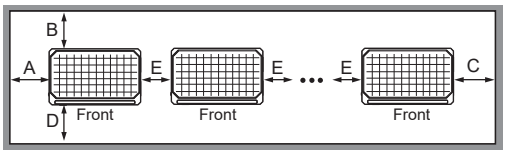
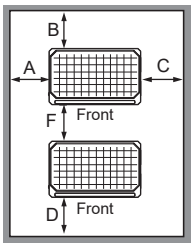
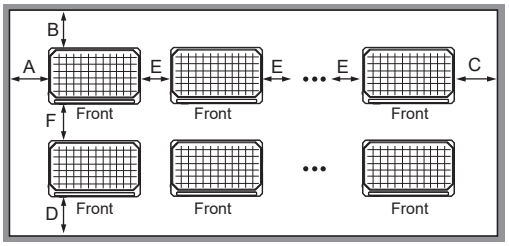
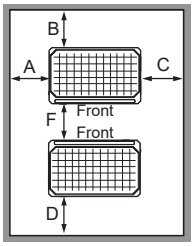
4.4 Dimensions



4. ARUM140LTE6

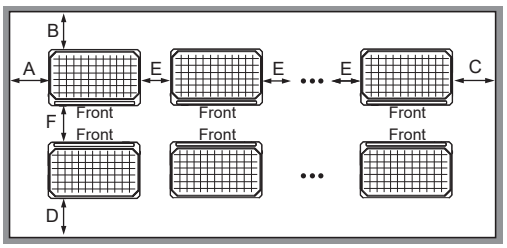
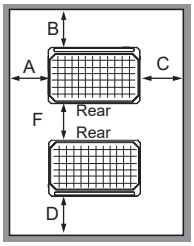
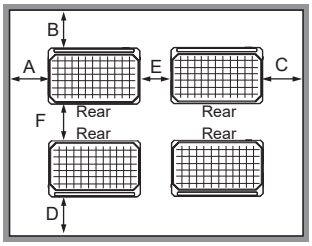
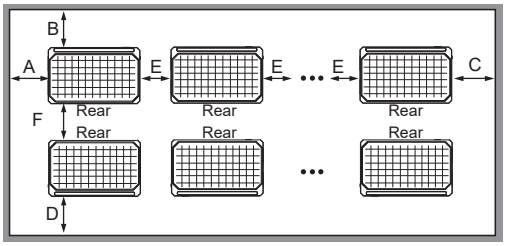
4.4.2 Installation Space

[Unit : mm(inch)]

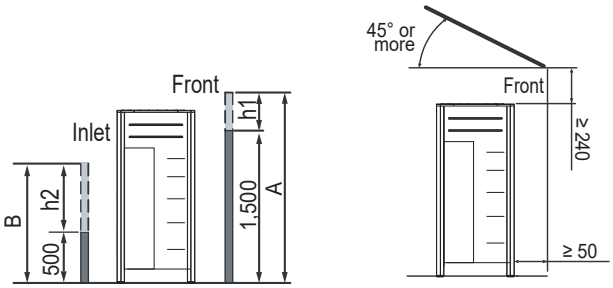
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

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[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

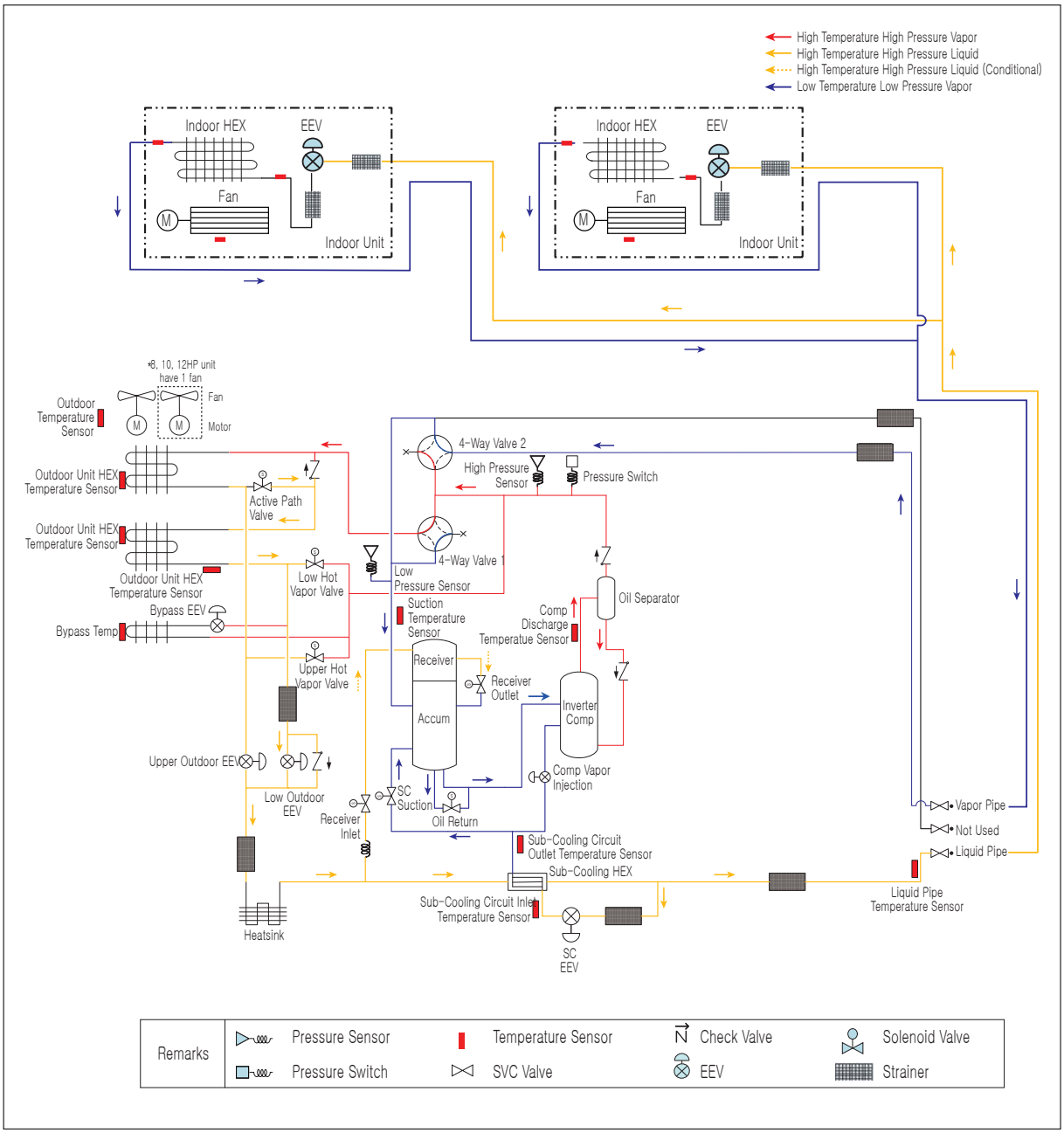
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

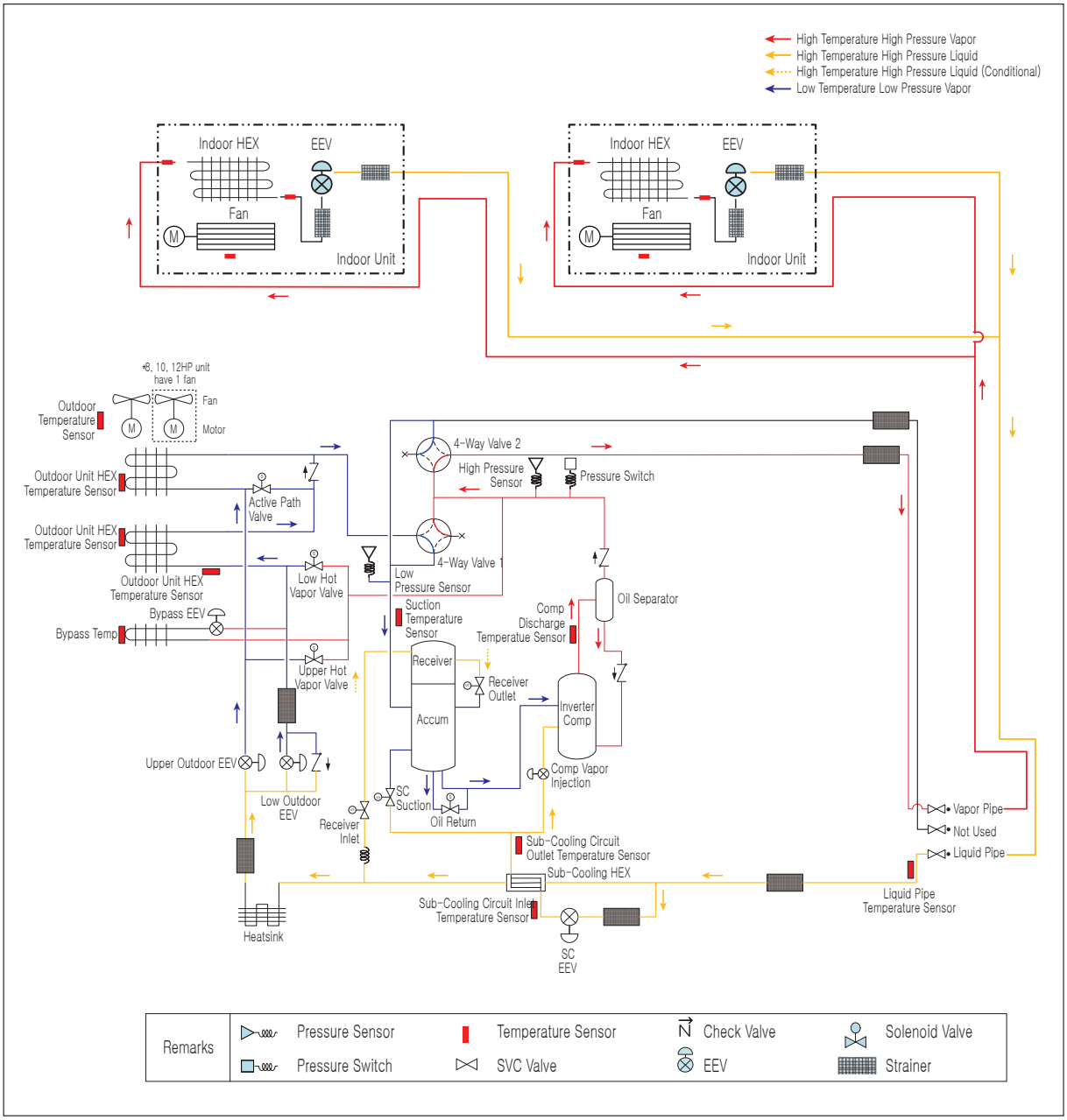
4. ARUM140LTE6

4.5 Piping Diagrams

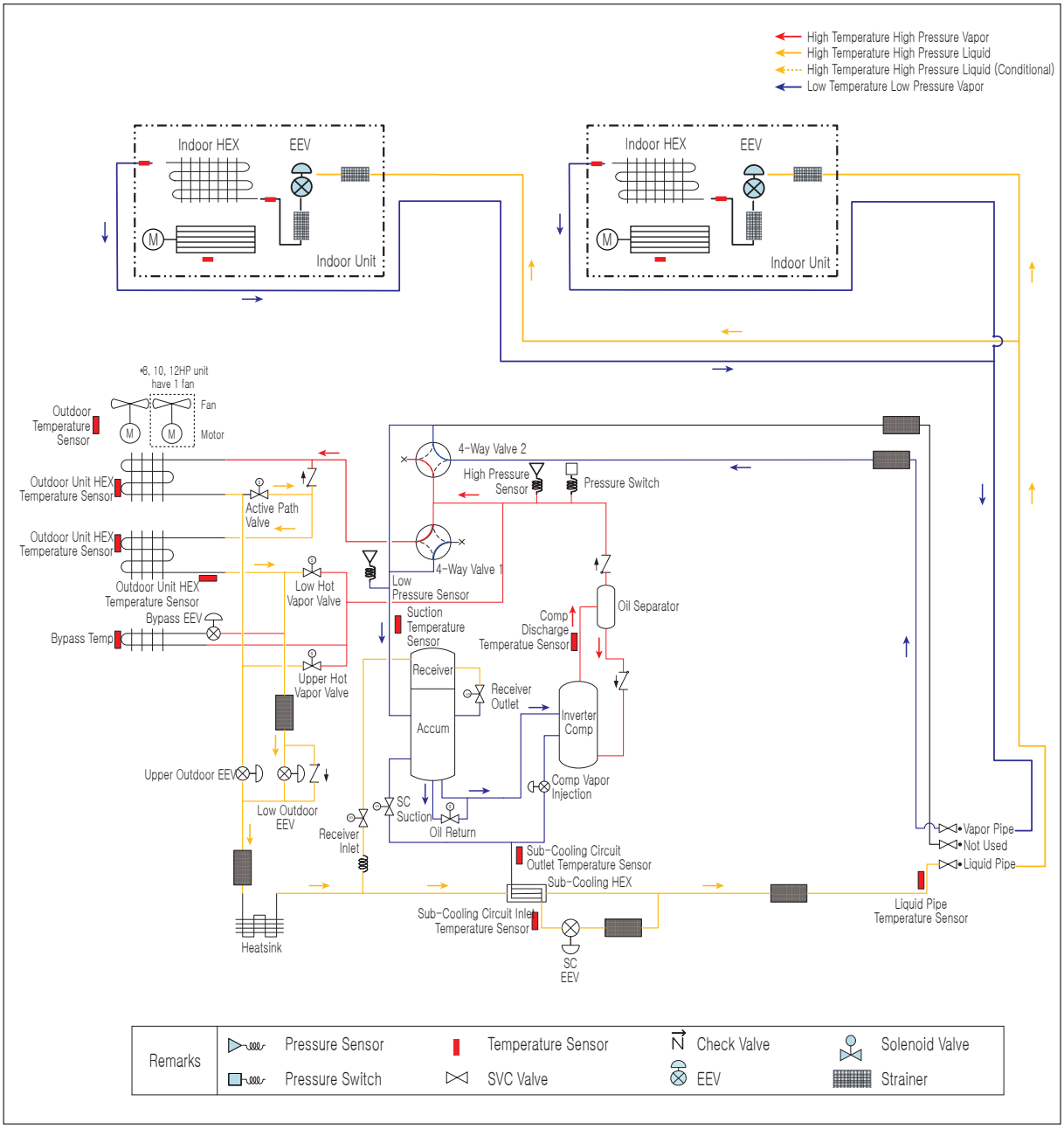
4.5.1 Heat Pump : Cooling



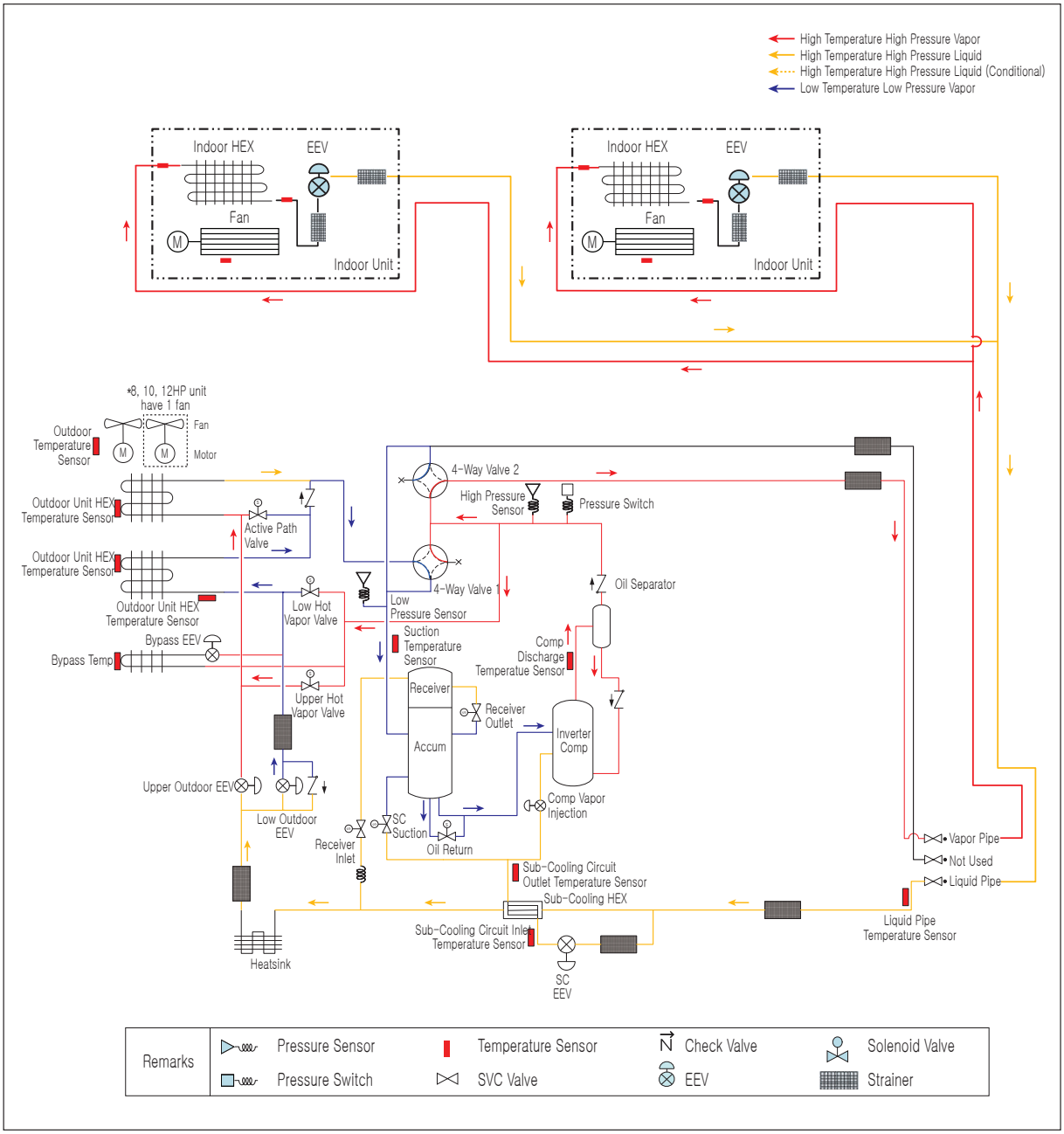
4.5.2 Heat Pump : Heating



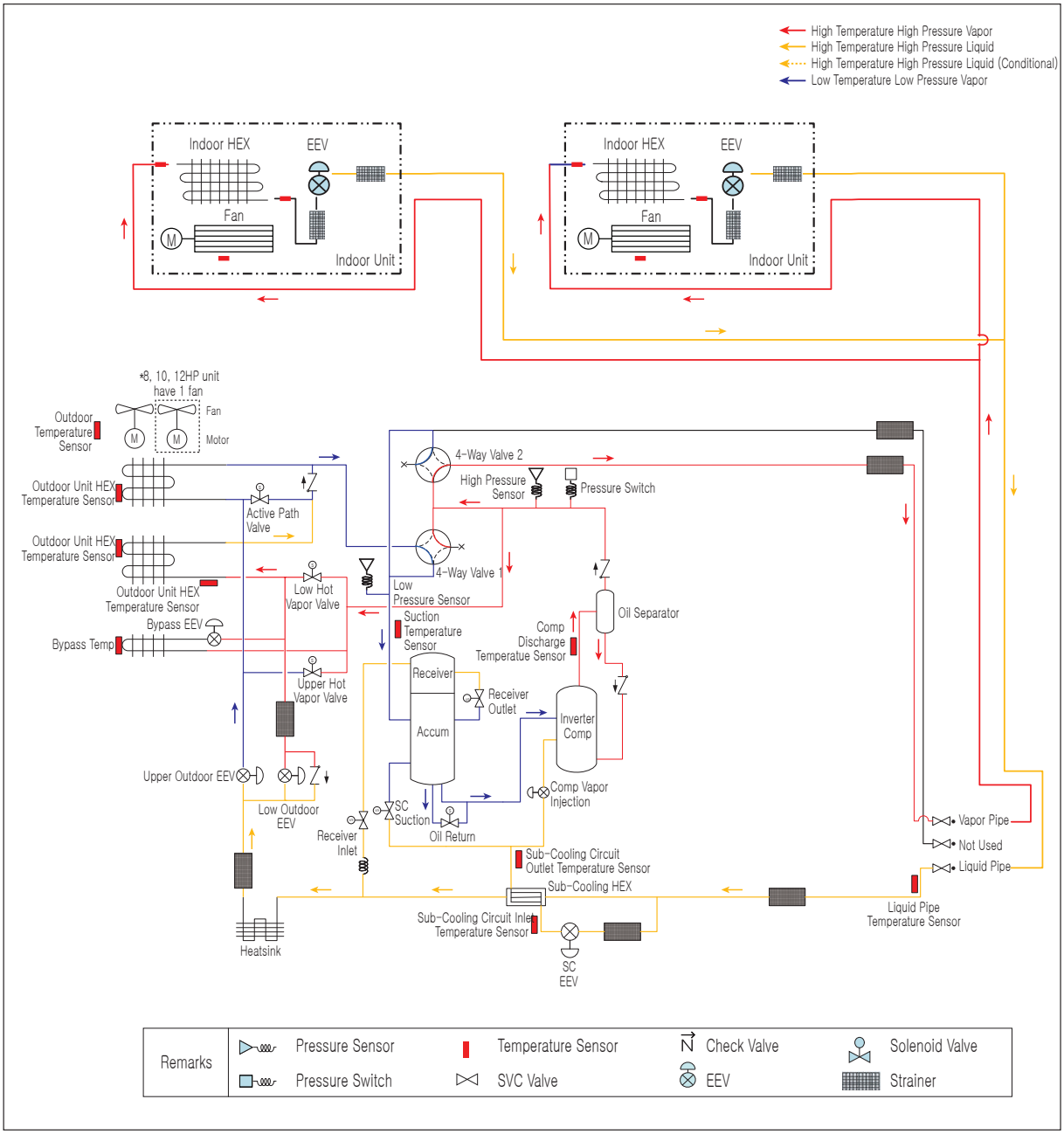
4.5.3 Heat Pump : Defrost / Oil Return



4.5.4 Heat Pump : Upper HEX Defrost

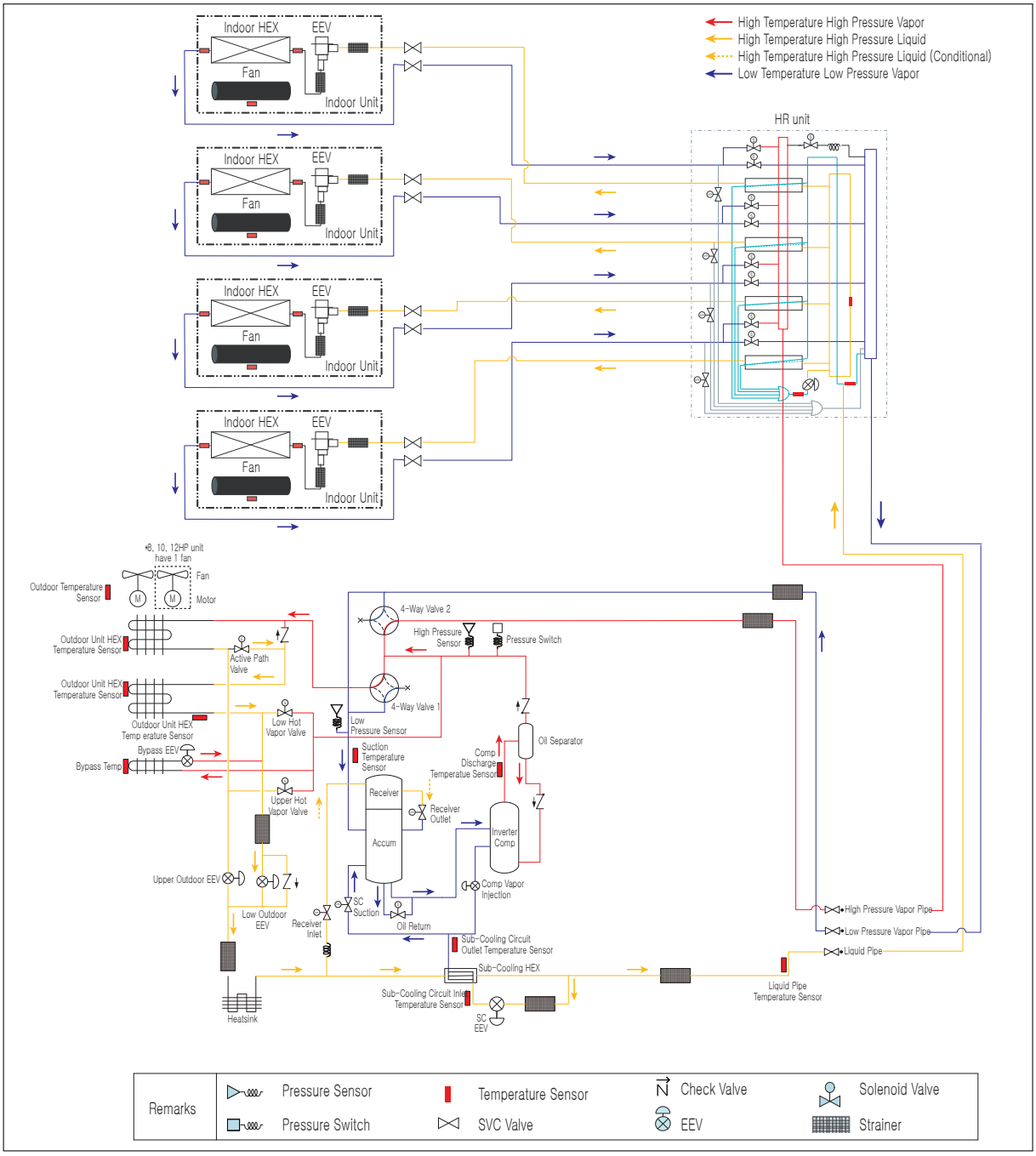


4.5.5 Heat Pump : Lower HEX Defrost



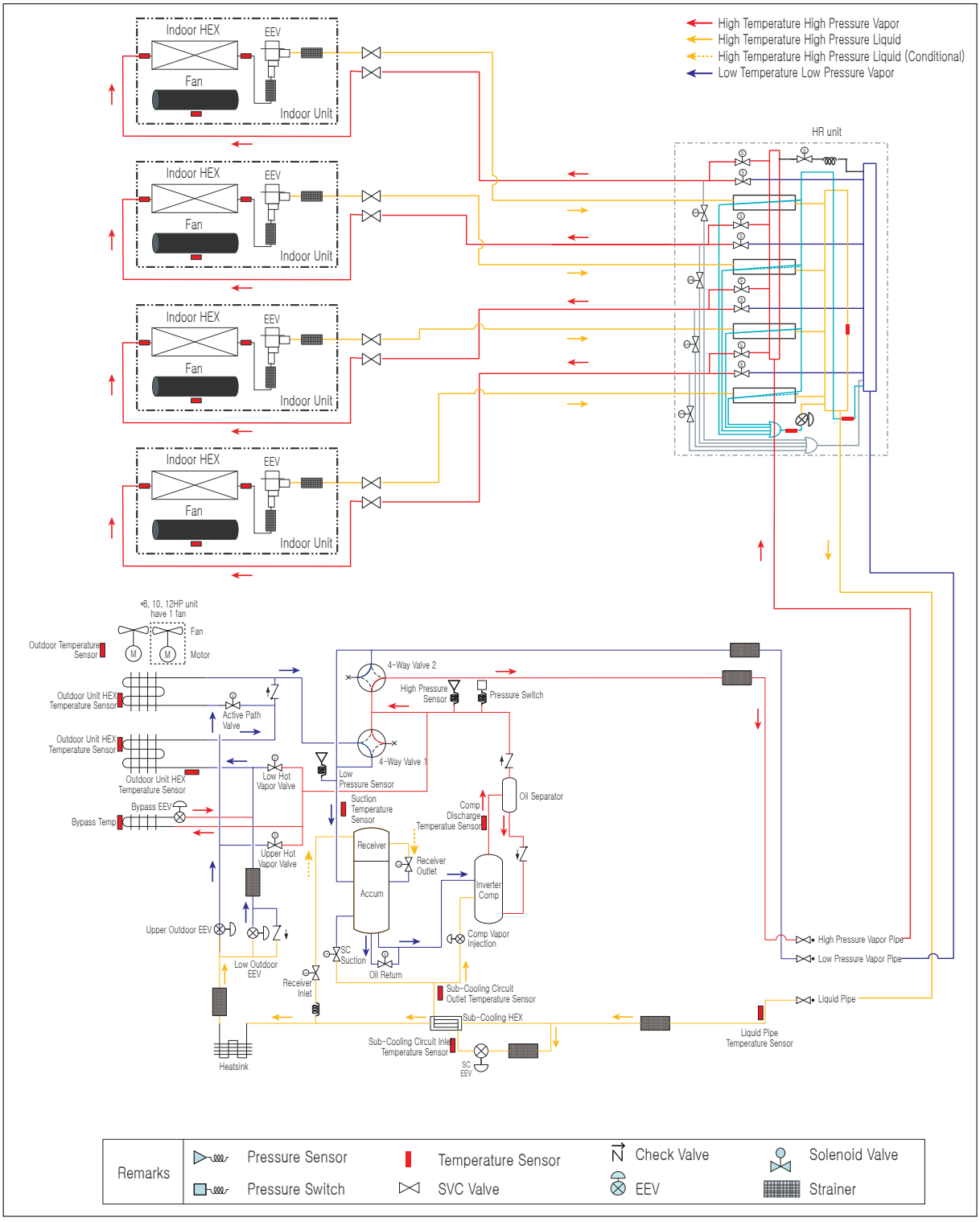
4. ARUM140LTE6

4.5.6 Heat Recovery : Cooling



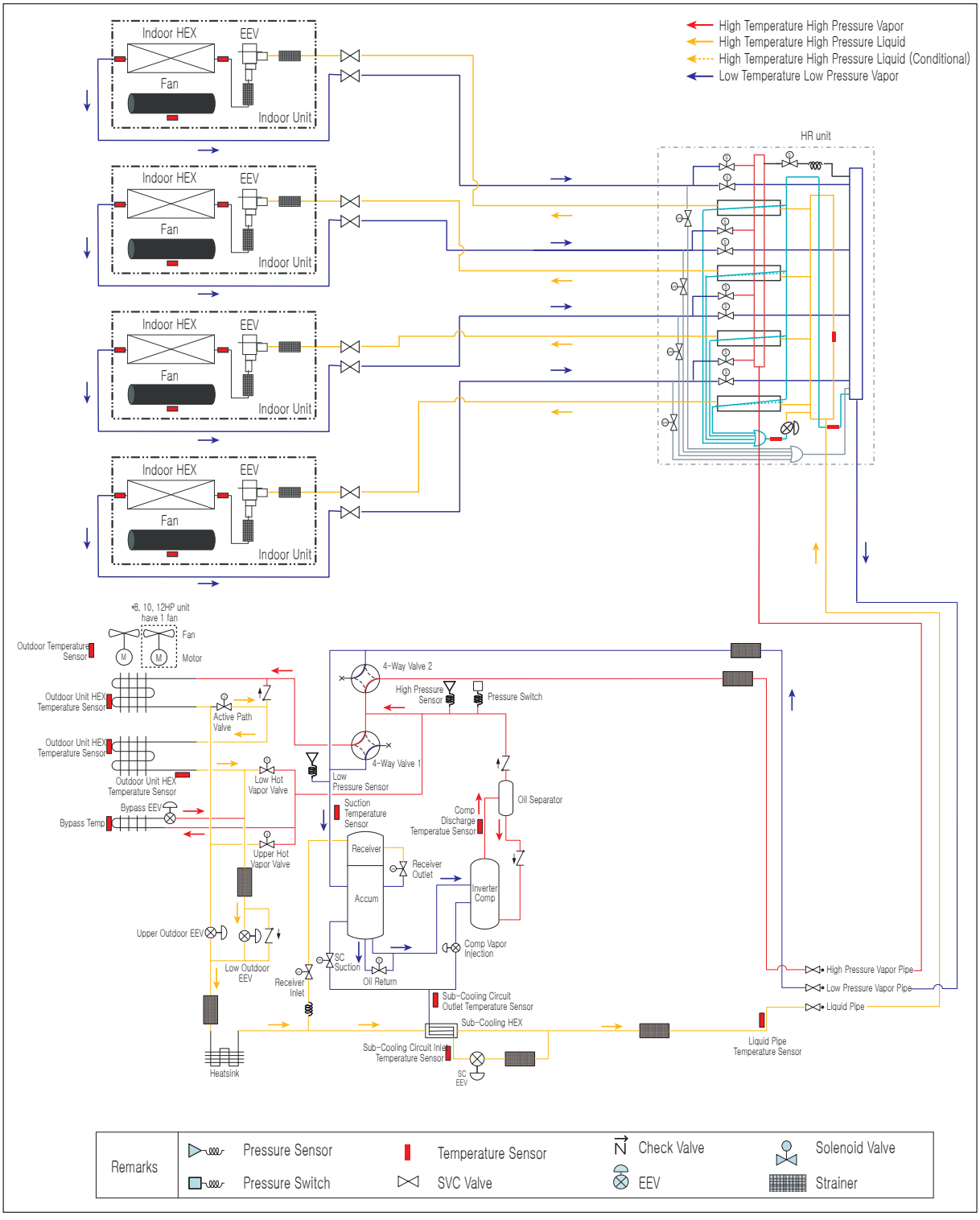
4. ARUM140LTE6

4.5.7 Heat Recovery : Heating



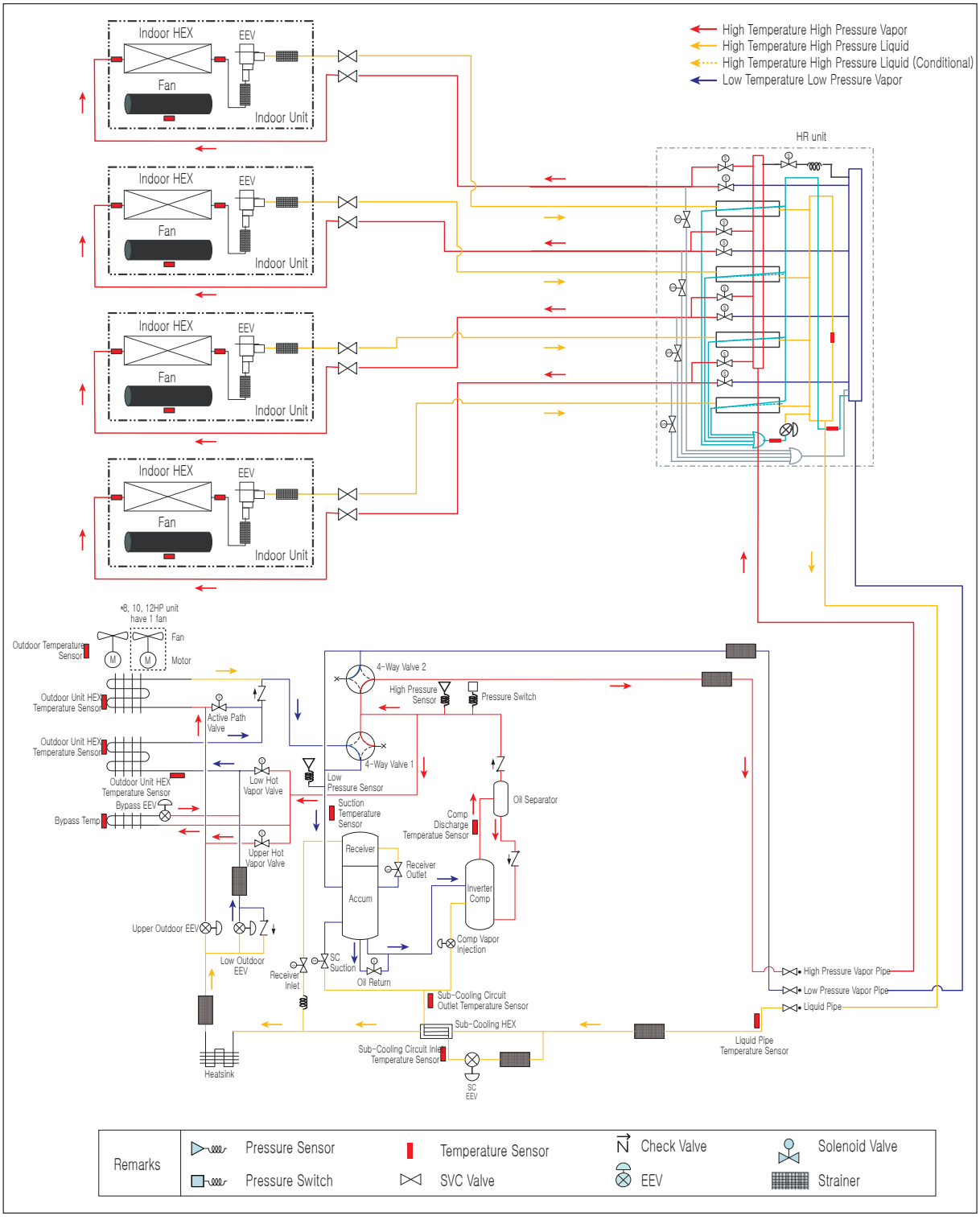
4. ARUM140LTE6

4.5.8 Heat Recovery : Defrost / Oil Return

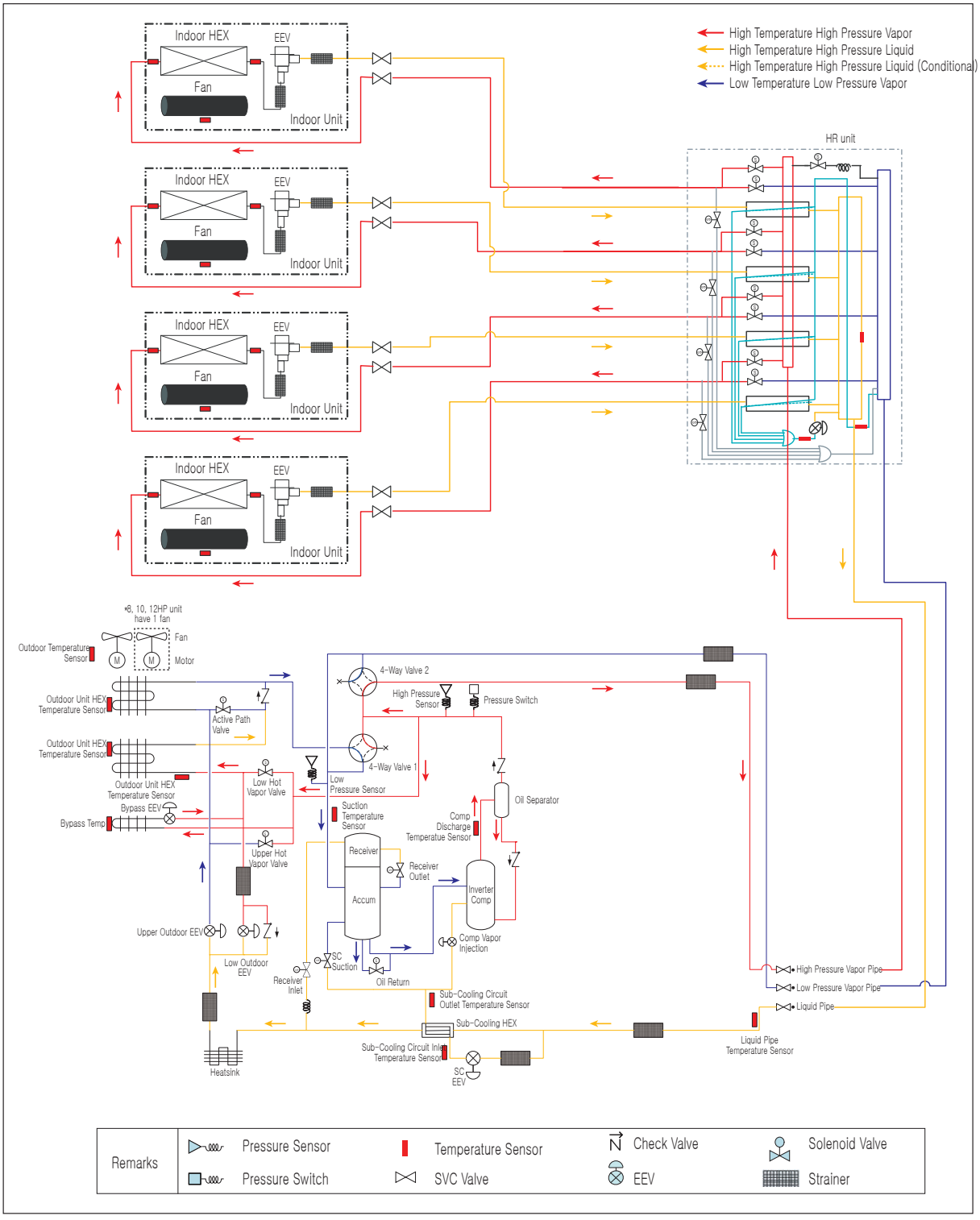


4. ARUM140LTE6

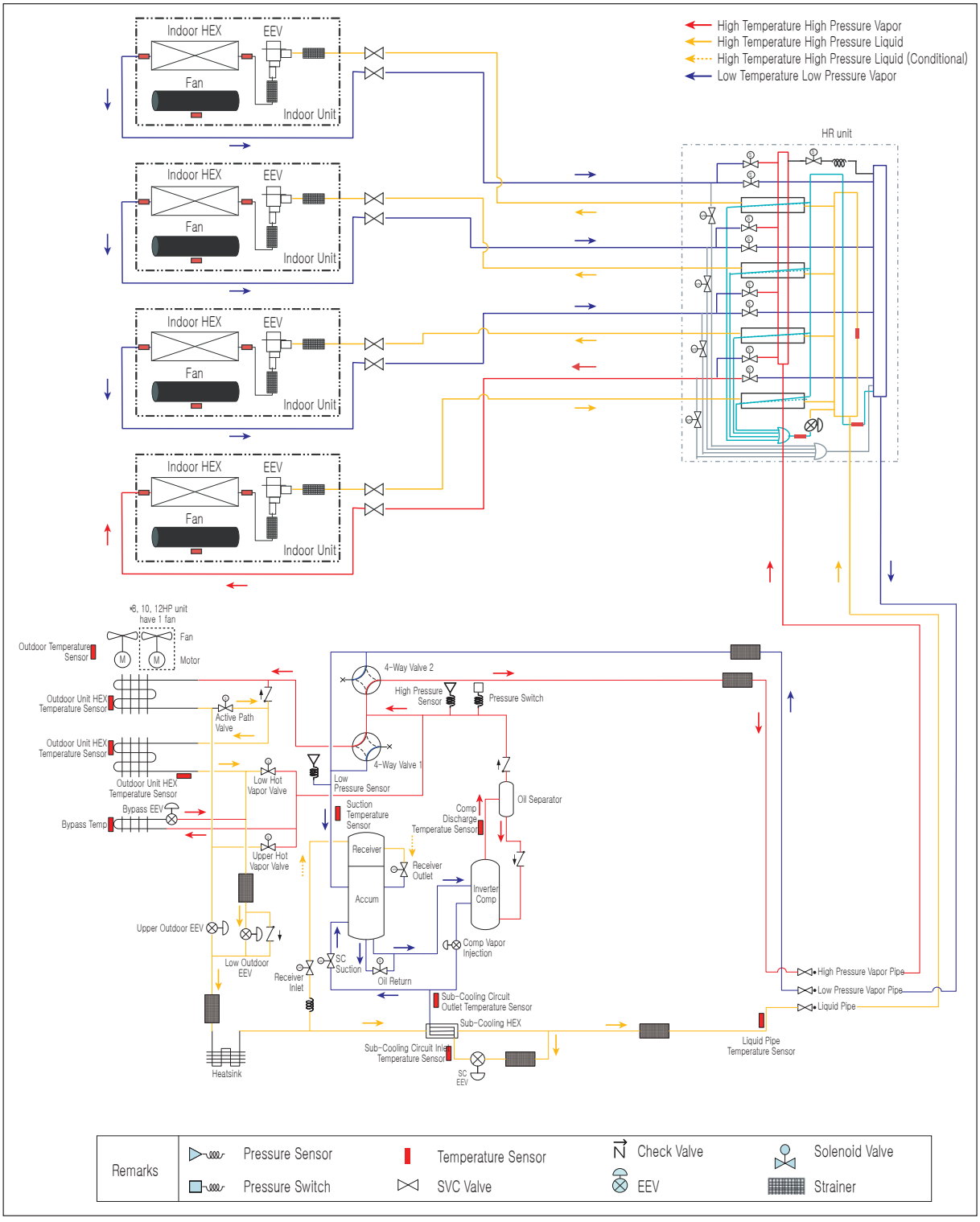
4.5.9 Heat Recovery : Upper HEX Defrost



4.5.10 Heat Recovery : Lower HEX Defrost

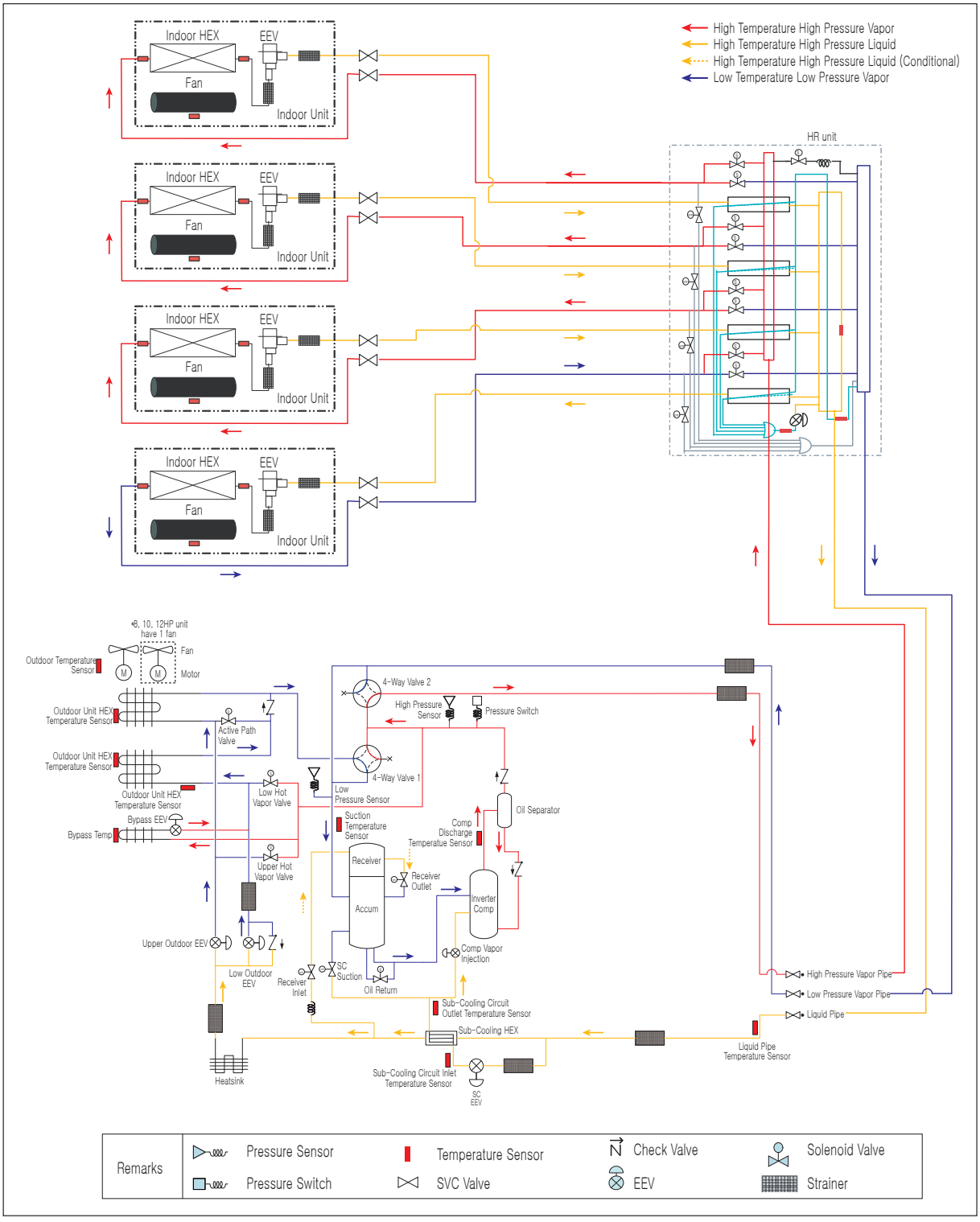


4.5.11 Heat Recovery : Cooling-based Simultaneous Operation

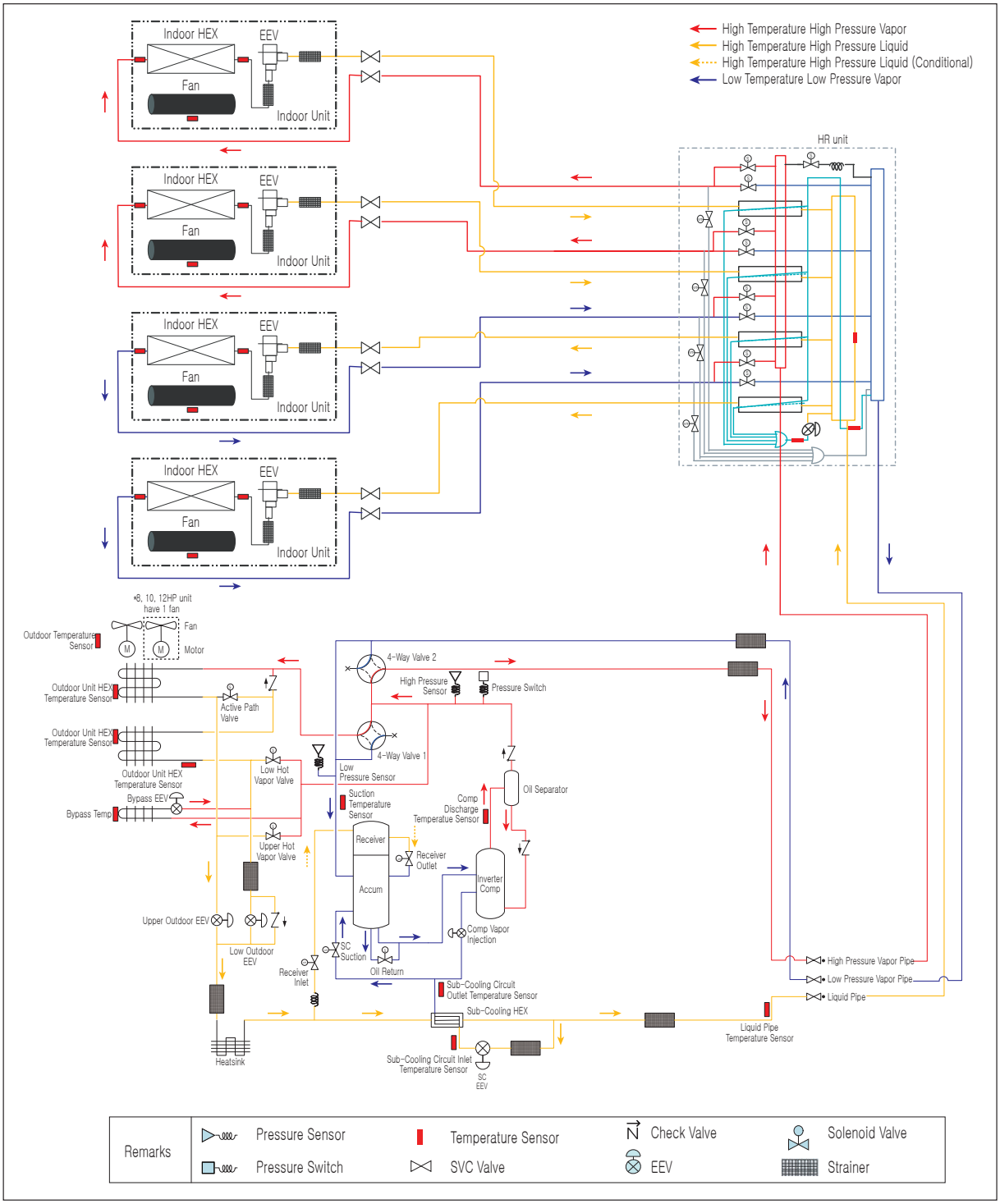


4. ARUM140LTE6

4.5.12 Heat Recovery : Heating-based Simultaneous Operation

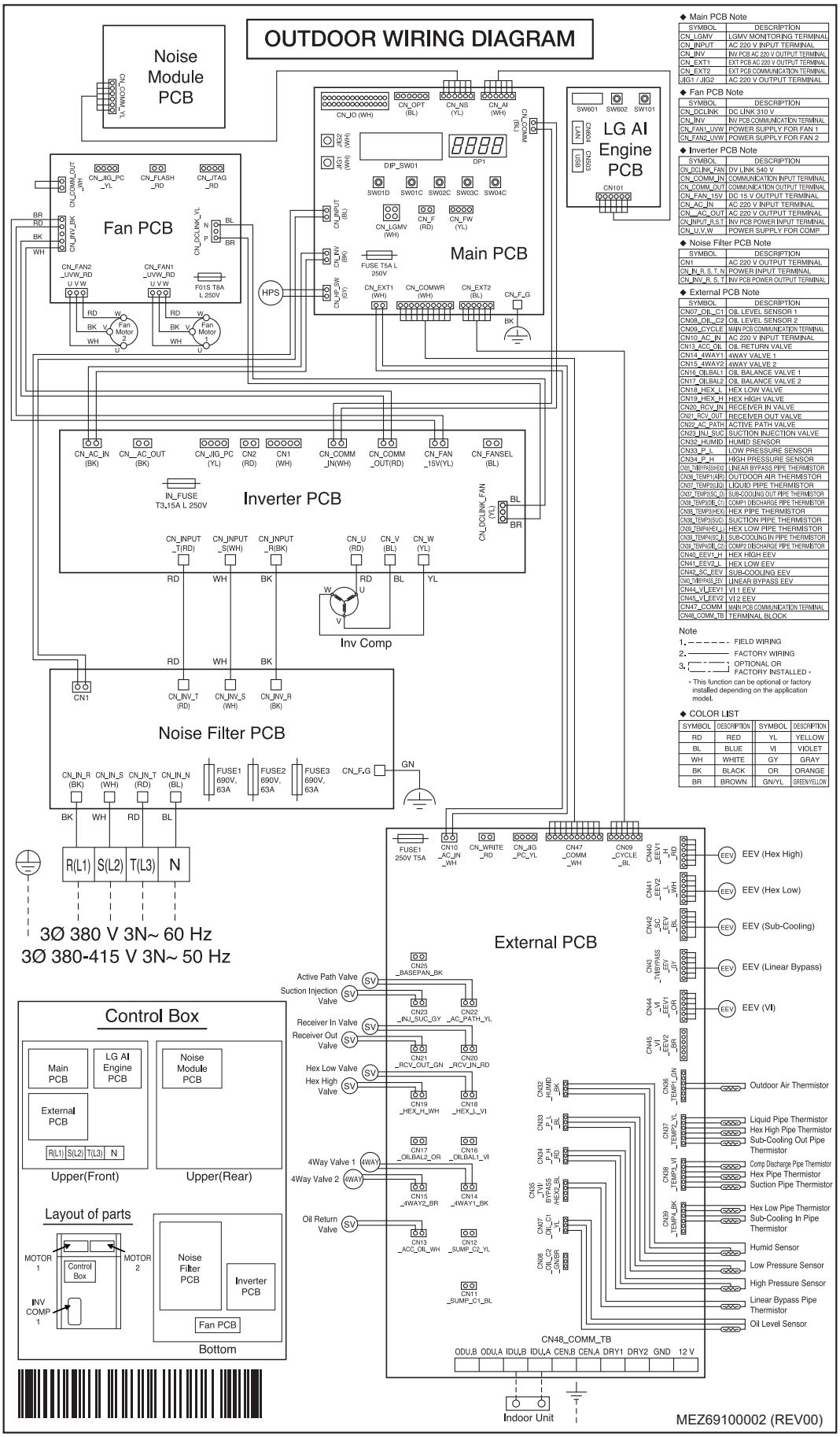


4.5.13 Heat Recovery : Balanced Simultaneous Operation



4. ARUM140LTE6

4.6 Wiring Diagrams



4. ARUM140LTE6

4.7 Capacity Tables

4.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	30.60	3.23	38.70	4.44	47.30	6.53	50.90	7.48	55.00	8.74	58.50	10.02	61.00	11.14
	12	30.60	3.50	38.70	4.85	47.30	7.03	50.90	7.99	55.00	9.21	58.50	10.41	60.90	11.34
	14	30.60	3.80	38.70	5.29	47.30	7.57	50.90	8.54	55.00	9.73	58.50	10.85	60.80	11.60
	16	30.60	4.14	38.70	5.78	47.30	8.16	50.90	9.13	55.00	10.30	58.50	11.34	60.60	11.92
	18	30.60	4.51	38.70	6.30	47.30	8.78	50.90	9.77	55.00	10.91	58.50	11.88	60.30	12.30
	20	30.60	4.91	38.70	6.88	47.30	9.46	50.90	10.45	55.00	11.57	58.50	12.48	60.00	12.76
	21	30.60	5.13	38.70	7.19	47.30	9.82	50.90	10.82	55.00	11.93	58.50	12.80	59.80	13.01
	23	30.60	5.60	38.70	7.85	47.30	10.57	50.90	11.59	55.00	12.61	58.50	13.23	59.30	13.31
	25	30.60	6.11	38.70	8.56	47.30	11.28	50.90	12.14	55.00	12.99	58.00	13.45	58.80	13.54
	27	30.60	6.67	38.70	9.25	47.30	11.77	50.90	12.61	55.00	13.42	57.40	13.75	58.30	13.85
	29	30.60	7.18	38.70	9.78	47.30	12.29	50.90	13.12	55.00	13.89	56.90	14.13	57.70	14.23
	31	30.60	7.61	38.70	10.36	47.30	12.86	50.90	13.69	55.00	14.43	56.20	14.58	57.00	14.69
	33	30.60	8.07	38.70	10.98	47.30	13.47	50.90	14.31	54.50	14.96	55.50	15.10	56.30	15.22
	35	30.60	8.56	38.70	11.65	47.30	14.13	50.90	15.01	53.80	15.54	54.80	15.69	55.60	15.82
	37	30.60	9.08	38.70	12.35	47.30	14.87	50.90	15.79	51.80	15.99	51.80	15.98	51.80	15.98
	39	30.60	9.63	38.70	13.02	47.30	15.69	47.80	15.84	47.90	15.86	47.80	15.85	47.80	15.84
	41	30.60	10.23	38.70	13.74	43.90	15.50	43.80	15.49	43.80	15.48	43.80	15.49	43.80	15.48
	43	30.60	10.87	38.70	14.52	40.00	15.00	39.90	15.00	39.90	14.98	39.90	15.00	40.00	15.01
	46	30.60	11.94	34.50	14.04	34.40	14.02	34.40	14.00	34.40	14.04	34.40	14.03	34.40	14.01
	48	30.60	12.73	31.00	12.93	30.90	12.92	31.00	12.93	31.00	12.95	30.90	12.90	30.90	12.93
	50	27.80	11.99	27.80	11.97	27.70	11.96	27.70	11.93	27.70	11.94	27.70	11.94	27.70	11.93
	52	24.80	11.10	24.70	11.07	24.70	11.08	24.70	11.08	24.70	11.09	24.70	11.07	24.70	11.06
120	10	28.30	2.97	35.70	3.92	43.70	5.55	47.00	6.46	50.80	7.45	54.00	8.41	56.50	9.26
	12	28.30	3.21	35.70	4.28	43.70	6.04	47.00	6.96	50.80	7.95	54.00	8.90	56.50	9.71
	14	28.30	3.47	35.70	4.67	43.70	6.57	47.00	7.50	50.80	8.50	54.00	9.43	56.50	10.20
	16	28.30	3.77	35.70	5.10	43.70	7.14	47.00	8.08	50.80	9.09	54.00	10.00	56.50	10.74
	18	28.30	4.09	35.70	5.57	43.70	7.77	47.00	8.71	50.80	9.73	54.00	10.63	56.50	11.33
	20	28.30	4.45	35.70	6.08	43.70	8.46	47.00	9.38	50.80	10.42	54.00	11.30	56.50	11.97
	21	28.30	4.64	35.70	6.35	43.70	8.82	47.00	9.74	50.80	10.78	54.00	11.66	56.50	12.32
	23	28.30	5.06	35.70	6.94	43.70	9.56	47.00	10.49	50.80	11.55	54.00	12.39	56.50	12.90
	25	28.30	5.51	35.70	7.58	43.70	10.33	47.00	11.21	50.80	12.10	54.00	12.79	56.50	13.25
	27	28.30	6.01	35.70	8.27	43.70	10.86	47.00	11.70	50.80	12.58	54.00	13.24	56.50	13.65
	29	28.30	6.52	35.70	8.76	43.70	11.38	47.00	12.22	50.80	13.09	54.00	13.73	56.30	14.06
	31	28.30	6.91	35.70	9.28	43.70	11.93	47.00	12.79	50.80	13.66	54.00	14.27	55.70	14.51
	33	28.30	7.33	35.70	9.84	43.70	12.52	47.00	13.40	50.80	14.28	54.00	14.89	55.00	15.02
	35	28.30	7.77	35.70	10.43	43.70	13.16	47.00	14.06	50.80	14.98	53.50	15.50	54.30	15.61
	37	28.30	8.24	35.70	11.07	43.70	13.85	47.00	14.79	50.80	15.76	51.80	15.98	51.80	15.99
	39	28.30	8.74	35.70	11.77	43.70	14.60	47.00	15.61	47.80	15.85	47.80	15.84	47.80	15.84
	41	28.30	9.27	35.70	12.53	43.70	15.43	43.90	15.50	43.80	15.49	43.80	15.48	43.90	15.50
	43	28.30	9.85	35.70	13.36	40.00	15.00	40.00	15.00	39.90	14.99	40.00	15.00	39.90	14.99
	46	28.30	10.79	34.40	14.02	34.40	14.01	34.40	14.01	34.40	14.02	34.40	14.00	34.40	14.00
	48	28.30	11.48	31.00	12.92	30.90	12.92	31.00	12.93	30.90	12.91	30.90	12.91	30.90	12.91
	50	27.80	11.96	27.80	11.97	27.70	11.94	27.70	11.94	27.70	11.94	27.70	11.93	27.50	11.86
	52	24.80	11.10	24.70	11.09	24.70	11.08	24.70	11.08	24.70	11.07	24.70	11.09	24.70	11.07
110	10	25.90	2.75	32.70	3.49	40.00	4.72	43.10	5.41	46.60	6.35	49.50	7.10	51.80	7.74
	12	25.90	2.96	32.70	3.79	40.00	5.14	43.10	5.89	46.60	6.85	49.50	7.60	51.80	8.25
	14	25.90	3.18	32.70	4.13	40.00	5.61	43.10	6.41	46.60	7.39	49.50	8.15	51.80	8.79

4. ARUM140LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	25.90	3.44	32.70	4.51	40.00	6.12	43.10	6.98	46.60	7.97	49.50	8.74	51.80	9.38
	18	25.90	3.72	32.70	4.92	40.00	6.68	43.10	7.59	46.60	8.59	49.50	9.38	51.80	10.01
	20	25.90	4.03	32.70	5.37	40.00	7.28	43.10	8.27	46.60	9.26	49.50	10.06	51.80	10.70
	21	25.90	4.20	32.70	5.61	40.00	7.61	43.10	8.62	46.60	9.62	49.50	10.43	51.80	11.06
	23	25.90	4.56	32.70	6.12	40.00	8.30	43.10	9.39	46.60	10.37	49.50	11.19	51.80	11.83
	25	25.90	4.96	32.70	6.68	40.00	9.05	43.10	10.17	46.60	11.10	49.50	11.81	51.80	12.33
	27	25.90	5.40	32.70	7.30	40.00	9.72	43.10	10.72	46.60	11.59	49.50	12.29	51.80	12.80
	29	25.90	5.89	32.70	7.81	40.00	10.28	43.10	11.24	46.60	12.11	49.50	12.81	51.80	13.31
	31	25.90	6.25	32.70	8.28	40.00	10.89	43.10	11.79	46.60	12.68	49.50	13.38	51.80	13.87
	33	25.90	6.62	32.70	8.77	40.00	11.53	43.10	12.37	46.60	13.28	49.50	14.00	51.80	14.50
	35	25.90	7.02	32.70	9.30	40.00	12.12	43.10	13.00	46.60	13.94	49.50	14.68	51.80	15.20
	37	25.90	7.44	32.70	9.87	40.00	12.77	43.10	13.68	46.60	14.67	49.50	15.45	51.80	15.98
	39	25.90	7.89	32.70	10.48	40.00	13.45	43.10	14.42	46.60	15.48	47.80	15.85	47.90	15.86
	41	25.90	8.38	32.70	11.14	40.00	14.20	43.10	15.24	43.80	15.49	43.80	15.48	43.80	15.48
	43	25.90	8.89	32.70	11.85	39.90	14.99	40.00	15.01	40.00	15.00	39.90	14.99	40.00	15.01
	46	25.90	9.72	32.70	13.05	34.40	14.04	34.40	14.04	34.40	14.02	34.40	14.03	34.40	14.04
	48	25.90	10.33	31.00	12.95	31.00	12.94	31.00	12.94	30.90	12.92	31.00	12.93	31.00	12.94
	50	25.90	10.99	27.80	11.96	27.80	11.96	27.70	11.94	27.70	11.94	27.70	11.95	27.70	11.95
	52	24.80	11.08	24.80	11.09	24.80	11.09	24.70	11.07	24.70	11.09	24.70	11.07	24.70	11.08
100	10	23.60	2.30	29.70	3.13	36.40	4.04	39.20	4.55	42.30	5.23	45.00	5.91	47.10	6.48
	12	23.60	2.74	29.70	3.39	36.40	4.41	39.20	4.96	42.30	5.69	45.00	6.42	47.10	6.98
	14	23.60	2.93	29.70	3.67	36.40	4.81	39.20	5.41	42.30	6.20	45.00	6.97	47.10	7.53
	16	23.60	3.15	29.70	3.99	36.40	5.25	39.20	5.91	42.30	6.75	45.00	7.57	47.10	8.11
	18	23.60	3.39	29.70	4.35	36.40	5.73	39.20	6.45	42.30	7.35	45.00	8.19	47.10	8.74
	20	23.60	3.66	29.70	4.73	36.40	6.26	39.20	7.03	42.30	8.01	45.00	8.85	47.10	9.41
	21	23.60	3.80	29.70	4.94	36.40	6.54	39.20	7.35	42.30	8.36	45.00	9.20	47.10	9.77
	23	23.60	4.12	29.70	5.39	36.40	7.14	39.20	8.02	42.30	9.11	45.00	9.93	47.10	10.52
	25	23.60	4.47	29.70	5.88	36.40	7.80	39.20	8.75	42.30	9.92	45.00	10.71	47.10	11.23
	27	23.60	4.85	29.70	6.41	36.40	8.49	39.20	9.43	42.30	10.52	45.00	11.20	47.10	11.72
	29	23.60	5.27	29.70	6.93	36.40	8.99	39.20	9.98	42.30	11.04	45.00	11.73	47.10	12.25
	31	23.60	5.63	29.70	7.35	36.40	9.53	39.20	10.56	42.30	11.58	45.00	12.28	47.10	12.81
	33	23.60	5.97	29.70	7.79	36.40	10.10	39.20	11.19	42.30	12.16	45.00	12.88	47.10	13.42
	35	23.60	6.32	29.70	8.26	36.40	10.71	39.20	11.88	42.30	12.79	45.00	13.53	47.10	14.09
	37	23.60	6.70	29.70	8.76	36.40	11.37	39.20	12.51	42.30	13.46	45.00	14.24	47.10	14.82
	39	23.60	7.10	29.70	9.29	36.40	12.09	39.20	13.19	42.30	14.18	45.00	15.01	47.10	15.64
	41	23.60	7.53	29.70	9.87	36.40	12.88	39.20	13.92	42.30	14.98	43.80	15.49	43.80	15.49
	43	23.60	7.99	29.70	10.48	36.40	13.69	39.20	14.71	39.90	14.99	40.00	15.00	40.00	15.00
	46	23.60	8.73	29.70	11.50	34.50	14.05	34.40	14.03	34.40	14.02	34.40	14.03	34.40	14.04
	48	23.60	9.27	29.70	12.25	31.00	12.93	30.90	12.92	31.00	12.95	30.90	12.92	31.00	12.93
	50	23.60	9.85	27.80	11.96	27.70	11.95	27.70	11.95	27.70	11.94	27.70	11.95	27.70	11.96
	52	23.60	10.47	24.70	11.08	24.70	11.08	24.80	11.10	24.70	11.09	24.70	11.08	24.70	11.08
90	10	21.20	1.91	26.80	2.83	32.70	3.49	35.30	3.86	38.10	4.34	40.50	4.82	42.40	5.24
	12	21.20	2.56	26.80	3.04	32.70	3.80	35.30	4.21	38.10	4.74	40.50	5.26	42.40	5.71
	14	21.20	2.72	26.80	3.29	32.70	4.14	35.30	4.59	38.10	5.17	40.50	5.73	42.40	6.22
	16	21.20	2.90	26.80	3.55	32.70	4.51	35.30	5.01	38.10	5.64	40.50	6.25	42.40	6.77
	18	21.20	3.10	26.80	3.85	32.70	4.92	35.30	5.47	38.10	6.16	40.50	6.82	42.40	7.38
	20	21.20	3.33	26.80	4.18	32.70	5.37	35.30	5.97	38.10	6.72	40.50	7.43	42.40	8.03
	21	21.20	3.45	26.80	4.36	32.70	5.61	35.30	6.24	38.10	7.03	40.50	7.76	42.40	8.38
	23	21.20	3.72	26.80	4.74	32.70	6.13	35.30	6.82	38.10	7.67	40.50	8.46	42.40	9.13
	25	21.20	4.01	26.80	5.16	32.70	6.69	35.30	7.45	38.10	8.37	40.50	9.23	42.40	9.95
	27	21.20	4.34	26.80	5.62	32.70	7.31	35.30	8.13	38.10	9.06	40.50	9.90	42.40	10.54

4. ARUM140LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	21.20	4.71	26.80	6.12	32.70	7.82	35.30	8.62	38.10	9.59	40.50	10.47	42.40	11.06
	31	21.20	5.06	26.80	6.49	32.70	8.29	35.30	9.13	38.10	10.15	40.50	11.08	42.40	11.60
	33	21.20	5.35	26.80	6.87	32.70	8.79	35.30	9.68	38.10	10.76	40.50	11.66	42.40	12.18
	35	21.20	5.67	26.80	7.29	32.70	9.32	35.30	10.27	38.10	11.42	40.50	12.27	42.40	12.81
	37	21.20	6.00	26.80	7.73	32.70	9.89	35.30	10.90	38.10	12.13	40.50	12.91	42.40	13.48
	39	21.20	6.36	26.80	8.19	32.70	10.50	35.30	11.58	38.10	12.84	40.50	13.61	42.40	14.21
	41	21.20	6.74	26.80	8.69	32.70	11.15	35.30	12.33	38.10	13.55	40.50	14.37	42.40	15.01
	43	21.20	7.15	26.80	9.23	32.70	11.87	35.30	13.14	38.10	14.31	40.00	14.99	40.00	14.99
	46	21.20	7.81	26.80	10.10	32.70	13.07	34.40	14.03	34.40	14.02	34.40	14.02	34.40	14.04
	48	21.20	8.29	26.80	10.74	30.90	12.92	31.00	12.94	31.00	12.93	31.00	12.94	30.90	12.92
	50	21.20	8.79	26.80	11.43	27.70	11.95	27.70	11.94	27.80	11.97	27.70	11.94	27.70	11.96
	52	21.20	9.34	24.70	11.08	24.80	11.09	24.80	11.10	24.70	11.08	24.70	11.07	24.70	11.08
80	10	18.80	1.60	23.80	2.34	29.10	3.06	31.30	3.31	33.90	3.65	36.00	3.98	37.70	4.27
	12	18.80	2.40	23.80	2.76	29.10	3.31	31.30	3.60	33.90	3.97	36.00	4.34	37.70	4.65
	14	18.80	2.53	23.80	2.96	29.10	3.59	31.30	3.91	33.90	4.33	36.00	4.73	37.70	5.08
	16	18.80	2.68	23.80	3.18	29.10	3.89	31.30	4.26	33.90	4.73	36.00	5.17	37.70	5.55
	18	18.80	2.84	23.80	3.42	29.10	4.24	31.30	4.65	33.90	5.16	36.00	5.64	37.70	6.06
	20	18.80	3.03	23.80	3.69	29.10	4.61	31.30	5.07	33.90	5.63	36.00	6.16	37.70	6.61
	21	18.80	3.13	23.80	3.84	29.10	4.81	31.30	5.29	33.90	5.89	36.00	6.44	37.70	6.91
	23	18.80	3.36	23.80	4.16	29.10	5.24	31.30	5.78	33.90	6.43	36.00	7.04	37.70	7.54
	25	18.80	3.61	23.80	4.51	29.10	5.72	31.30	6.30	33.90	7.02	36.00	7.68	37.70	8.23
	27	18.80	3.89	23.80	4.90	29.10	6.24	31.30	6.88	33.90	7.67	36.00	8.38	37.70	8.92
	29	18.80	4.20	23.80	5.33	29.10	6.75	31.30	7.40	33.90	8.17	36.00	8.87	37.70	9.45
	31	18.80	4.53	23.80	5.69	29.10	7.16	31.30	7.84	33.90	8.66	36.00	9.40	37.70	10.00
	33	18.80	4.78	23.80	6.03	29.10	7.59	31.30	8.31	33.90	9.18	36.00	9.96	37.70	10.60
	35	18.80	5.05	23.80	6.39	29.10	8.05	31.30	8.81	33.90	9.73	36.00	10.56	37.70	11.25
	37	18.80	5.35	23.80	6.77	29.10	8.53	31.30	9.35	33.90	10.33	36.00	11.22	37.70	11.95
	39	18.80	5.66	23.80	7.18	29.10	9.05	31.30	9.92	33.90	10.97	36.00	11.92	37.70	12.71
	41	18.80	6.00	23.80	7.61	29.10	9.61	31.30	10.54	33.90	11.66	36.00	12.69	37.70	13.41
	43	18.80	6.36	23.80	8.08	29.10	10.21	31.30	11.21	33.90	12.42	36.00	13.54	37.70	14.17
	46	18.80	6.94	23.80	8.83	29.10	11.19	31.30	12.32	33.90	13.70	34.50	14.05	34.40	14.03
	48	18.80	7.37	23.80	9.37	29.10	11.92	31.00	12.95	31.00	12.94	31.00	12.94	30.90	12.92
	50	18.80	7.82	23.80	9.96	27.70	11.95	27.70	11.94	27.70	11.96	27.80	11.96	27.70	11.94
	52	18.80	8.30	23.80	10.59	24.80	11.09	24.80	11.09	24.70	11.08	24.70	11.09	24.70	11.07
70	10	16.50	1.35	20.80	1.86	25.50	2.68	27.40	2.89	29.60	3.12	31.50	3.33	33.00	3.52
	12	16.50	2.27	20.80	2.53	25.50	2.92	27.40	3.12	29.60	3.37	31.50	3.62	33.00	3.84
	14	16.50	2.37	20.80	2.69	25.50	3.14	27.40	3.37	29.60	3.66	31.50	3.94	33.00	4.18
	16	16.50	2.49	20.80	2.86	25.50	3.38	27.40	3.65	29.60	3.98	31.50	4.29	33.00	4.56
	18	16.50	2.62	20.80	3.06	25.50	3.66	27.40	3.96	29.60	4.33	31.50	4.68	33.00	4.97
	20	16.50	2.77	20.80	3.28	25.50	3.96	27.40	4.30	29.60	4.71	31.50	5.10	33.00	5.43
	21	16.50	2.85	20.80	3.40	25.50	4.12	27.40	4.48	29.60	4.92	31.50	5.33	33.00	5.67
	23	16.50	3.04	20.80	3.66	25.50	4.48	27.40	4.88	29.60	5.37	31.50	5.82	33.00	6.19
	25	16.50	3.24	20.80	3.95	25.50	4.87	27.40	5.31	29.60	5.85	31.50	6.35	33.00	6.76
	27	16.50	3.47	20.80	4.27	25.50	5.30	27.40	5.79	29.60	6.39	31.50	6.93	33.00	7.38
	29	16.50	3.73	20.80	4.62	25.50	5.77	27.40	6.30	29.60	6.90	31.50	7.45	33.00	7.89
	31	16.50	4.02	20.80	4.97	25.50	6.13	27.40	6.67	29.60	7.32	31.50	7.89	33.00	8.37
	33	16.50	4.25	20.80	5.26	25.50	6.50	27.40	7.07	29.60	7.75	31.50	8.37	33.00	8.87
	35	16.50	4.48	20.80	5.56	25.50	6.89	27.40	7.50	29.60	8.22	31.50	8.87	33.00	9.40
	37	16.50	4.74	20.80	5.89	25.50	7.30	27.40	7.95	29.60	8.72	31.50	9.41	33.00	9.98
	39	16.50	5.01	20.80	6.24	25.50	7.74	27.40	8.43	29.60	9.25	31.50	9.99	33.00	10.60
	41	16.50	5.30	20.80	6.62	25.50	8.21	27.40	8.95	29.60	9.82	31.50	10.61	33.00	11.26

4. ARUM140LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	16.50	5.62	20.80	7.02	25.50	8.72	27.40	9.50	29.60	10.44	31.50	11.28	33.00	11.98
	46	16.50	6.13	20.80	7.66	25.50	9.53	27.40	10.40	29.60	11.45	31.50	12.40	33.00	13.20
	48	16.50	6.51	20.80	8.13	25.50	10.13	27.40	11.06	29.60	12.20	31.00	12.94	31.00	12.94
	50	16.50	6.90	20.80	8.63	25.50	10.77	27.40	11.78	27.80	11.96	27.70	11.95	27.70	11.95
	52	16.50	7.33	20.80	9.16	24.80	11.09	24.70	11.08	24.80	11.10	24.70	11.07	24.70	11.08
60	10	14.10	1.14	17.80	1.48	21.80	2.01	23.50	2.29	25.40	2.66	27.00	2.85	28.30	2.97
	12	14.10	1.76	17.80	2.34	21.80	2.60	23.50	2.74	25.40	2.91	27.00	3.07	28.30	3.21
	14	14.10	2.24	17.80	2.46	21.80	2.77	23.50	2.93	25.40	3.13	27.00	3.32	28.30	3.47
	16	14.10	2.32	17.80	2.59	21.80	2.96	23.50	3.15	25.40	3.37	27.00	3.59	28.30	3.77
	18	14.10	2.43	17.80	2.75	21.80	3.17	23.50	3.39	25.40	3.65	27.00	3.89	28.30	4.09
	20	14.10	2.54	17.80	2.92	21.80	3.41	23.50	3.65	25.40	3.95	27.00	4.22	28.30	4.45
	21	14.10	2.61	17.80	3.01	21.80	3.54	23.50	3.80	25.40	4.11	27.00	4.40	28.30	4.64
	23	14.10	2.75	17.80	3.22	21.80	3.82	23.50	4.11	25.40	4.46	27.00	4.79	28.30	5.06
	25	14.10	2.92	17.80	3.45	21.80	4.13	23.50	4.46	25.40	4.85	27.00	5.21	28.30	5.51
	27	14.10	3.10	17.80	3.70	21.80	4.48	23.50	4.84	25.40	5.28	27.00	5.68	28.30	6.01
	29	14.10	3.31	17.80	3.99	21.80	4.86	23.50	5.26	25.40	5.75	27.00	6.19	28.30	6.52
	31	14.10	3.55	17.80	4.31	21.80	5.21	23.50	5.62	25.40	6.12	27.00	6.56	28.30	6.91
	33	14.10	3.76	17.80	4.55	21.80	5.51	23.50	5.96	25.40	6.48	27.00	6.95	28.30	7.33
	35	14.10	3.96	17.80	4.81	21.80	5.84	23.50	6.31	25.40	6.87	27.00	7.37	28.30	7.77
	37	14.10	4.17	17.80	5.08	21.80	6.18	23.50	6.69	25.40	7.28	27.00	7.81	28.30	8.24
	39	14.10	4.41	17.80	5.38	21.80	6.55	23.50	7.09	25.40	7.72	27.00	8.28	28.30	8.74
	41	14.10	4.66	17.80	5.70	21.80	6.95	23.50	7.52	25.40	8.19	27.00	8.79	28.30	9.28
	43	14.10	4.93	17.80	6.04	21.80	7.37	23.50	7.97	25.40	8.69	27.00	9.33	28.30	9.85
	46	14.10	5.38	17.80	6.59	21.80	8.05	23.50	8.72	25.40	9.51	27.00	10.21	28.30	10.79
	48	14.10	5.71	17.80	6.99	21.80	8.54	23.50	9.25	25.40	10.10	27.00	10.86	28.30	11.49
	50	14.10	6.05	17.80	7.42	21.80	9.07	23.50	9.83	25.40	10.74	27.00	11.56	27.80	11.97
	52	14.10	6.43	17.80	7.88	21.80	9.63	23.50	10.45	24.80	11.09	24.80	11.09	24.80	11.09
50	10	11.80	0.93	14.90	1.20	18.20	1.52	19.60	1.69	21.20	1.91	22.50	2.12	23.60	2.30
	12	11.80	1.27	14.90	1.93	18.20	2.36	19.60	2.45	21.20	2.56	22.50	2.66	23.60	2.74
	14	11.80	2.07	14.90	2.28	18.20	2.48	19.60	2.59	21.20	2.72	22.50	2.83	23.60	2.94
	16	11.80	2.14	14.90	2.37	18.20	2.62	19.60	2.74	21.20	2.89	22.50	3.03	23.60	3.15
	18	11.80	2.22	14.90	2.48	18.20	2.78	19.60	2.92	21.20	3.10	22.50	3.26	23.60	3.39
	20	11.80	2.32	14.90	2.61	18.20	2.96	19.60	3.12	21.20	3.32	22.50	3.51	23.60	3.66
	21	11.80	2.37	14.90	2.68	18.20	3.05	19.60	3.23	21.20	3.44	22.50	3.64	23.60	3.81
	23	11.80	2.48	14.90	2.84	18.20	3.26	19.60	3.47	21.20	3.71	22.50	3.94	23.60	4.12
	25	11.80	2.61	14.90	3.01	18.20	3.50	19.60	3.73	21.20	4.01	22.50	4.26	23.60	4.47
	27	11.80	2.76	14.90	3.21	18.20	3.77	19.60	4.03	21.20	4.34	22.50	4.62	23.60	4.85
	29	11.80	2.93	14.90	3.44	18.20	4.06	19.60	4.35	21.20	4.70	22.50	5.02	23.60	5.27
	31	11.80	3.12	14.90	3.69	18.20	4.39	19.60	4.69	21.20	5.05	22.50	5.37	23.60	5.64
	33	11.80	3.31	14.90	3.91	18.20	4.63	19.60	4.96	21.20	5.34	22.50	5.69	23.60	5.97
	35	11.80	3.48	14.90	4.12	18.20	4.89	19.60	5.24	21.20	5.66	22.50	6.03	23.60	6.32
	37	11.80	3.65	14.90	4.34	18.20	5.17	19.60	5.55	21.20	5.99	22.50	6.38	23.60	6.70
	39	11.80	3.85	14.90	4.59	18.20	5.48	19.60	5.88	21.20	6.35	22.50	6.77	23.60	7.11
	41	11.80	4.06	14.90	4.85	18.20	5.80	19.60	6.23	21.20	6.73	22.50	7.18	23.60	7.54
	43	11.80	4.29	14.90	5.14	18.20	6.15	19.60	6.60	21.20	7.14	22.50	7.61	23.60	7.99
	46	11.80	4.68	14.90	5.61	18.20	6.72	19.60	7.21	21.20	7.80	22.50	8.32	23.60	8.74
	48	11.80	4.96	14.90	5.95	18.20	7.12	19.60	7.65	21.20	8.27	22.50	8.83	23.60	9.28
	50	11.80	5.26	14.90	6.31	18.20	7.56	19.60	8.12	21.20	8.78	22.50	9.37	23.60	9.85
	52	11.80	5.58	14.90	6.70	18.20	8.02	19.60	8.62	21.20	9.33	22.50	9.96	23.60	10.47

4. ARUM140LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

4. ARUM140LTE6

4.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	8.30	0.55	13.40	0.88	18.90	1.26	20.30	1.36	21.60	1.46	23.00	1.57	24.50	1.70
	12	8.30	0.55	13.40	0.88	18.90	1.26	20.30	1.36	21.60	1.47	23.00	1.58	24.50	1.71
	14	8.30	0.55	13.40	0.88	18.90	1.27	20.30	1.38	21.60	1.48	23.00	1.60	24.50	1.73
	16	8.30	0.55	13.40	0.89	18.90	1.29	20.30	1.40	21.60	1.51	23.00	1.63	24.50	1.78
	18	8.30	0.55	13.40	0.90	18.90	1.33	20.30	1.45	21.60	1.57	23.00	1.70	24.50	1.89
	20	8.30	0.56	13.40	0.93	18.90	1.43	20.30	1.58	21.60	1.73	23.00	1.90	24.50	2.18
	21	9.40	0.67	14.40	1.11	20.00	1.82	21.30	2.03	22.60	2.26	23.90	2.50	25.30	2.94
	23	11.60	1.99	16.60	2.35	22.10	2.88	23.30	3.01	24.60	3.15	25.70	3.29	26.90	3.51
	25	13.90	2.36	18.70	2.82	24.20	3.49	25.40	3.65	26.60	3.83	27.50	3.97	28.60	4.24
	27	16.20	2.86	21.00	3.44	26.40	4.30	27.50	4.50	28.70	4.72	29.40	4.86	32.00	5.53
	29	18.60	3.54	23.30	4.27	28.60	5.34	29.70	5.56	30.80	5.80	32.60	6.22	37.80	7.72
	31	21.10	4.42	25.60	5.24	30.90	6.47	31.90	6.71	34.70	7.44	38.60	8.58	43.70	10.52
	33	23.60	5.43	28.00	6.39	33.30	7.85	36.60	8.88	40.80	10.28	44.60	11.71	49.50	13.28
	35	26.20	6.72	30.50	7.82	39.00	10.76	42.70	12.19	46.80	13.34	50.50	14.33	55.30	15.69
	37	26.20	7.13	30.50	8.30	39.00	11.43	42.70	12.84	46.80	14.05	50.50	15.10	53.50	16.11
	39	26.20	7.56	30.50	8.81	39.00	12.16	42.70	13.55	46.80	14.83	50.00	15.79	49.30	15.84
	41	26.20	8.02	30.50	9.36	39.00	12.95	42.70	14.31	45.80	15.33	45.80	15.32	45.10	15.38
	43	26.20	8.52	30.50	9.94	39.00	13.82	41.70	14.75	41.60	14.74	41.60	14.74	41.10	14.84
	46	26.20	9.32	30.50	10.90	35.90	13.51	35.90	13.53	35.90	13.51	35.80	13.48	35.30	13.65
	48	26.20	9.90	30.50	11.60	32.30	12.47	32.30	12.48	32.50	12.59	32.20	12.46	31.80	12.61
	50	26.20	10.52	28.90	11.55	28.90	11.54	28.80	11.52	28.90	11.53	28.80	11.51	28.50	11.65
	52	25.40	10.82	25.80	10.73	25.80	10.72	25.70	10.70	25.70	10.71	25.80	10.72	25.40	10.82
120	10	7.70	0.51	12.30	0.81	17.50	1.15	18.70	1.24	20.00	1.33	21.30	1.43	22.60	1.55
	12	7.70	0.51	12.30	0.81	17.50	1.16	18.70	1.24	20.00	1.34	21.30	1.44	22.60	1.56
	14	7.70	0.51	12.30	0.81	17.50	1.16	18.70	1.25	20.00	1.35	21.30	1.45	22.60	1.58
	16	7.70	0.51	12.30	0.81	17.50	1.18	18.70	1.27	20.00	1.37	21.30	1.48	22.60	1.61
	18	7.70	0.51	12.30	0.82	17.50	1.21	18.70	1.31	20.00	1.42	21.30	1.54	22.60	1.70
	20	7.70	0.51	12.30	0.85	17.50	1.29	18.70	1.41	20.00	1.54	21.30	1.68	22.60	1.92
	21	8.70	0.61	13.30	1.00	18.40	1.59	19.60	1.77	20.90	1.96	22.10	2.16	23.30	2.65
	23	10.80	1.92	15.30	2.25	20.40	2.70	21.50	2.82	22.70	2.94	23.70	3.06	24.90	3.25
	25	12.80	2.26	17.30	2.66	22.30	3.24	23.40	3.39	24.50	3.54	25.40	3.66	26.40	3.89
	27	15.00	2.71	19.40	3.21	24.40	3.96	25.40	4.13	26.40	4.31	27.20	4.44	29.50	5.00
	29	17.20	3.31	21.50	3.94	26.40	4.89	27.40	5.09	28.40	5.29	30.10	5.66	34.90	6.95
	31	19.50	4.11	23.60	4.83	28.50	5.89	29.40	6.11	32.00	6.74	35.70	7.72	40.30	9.37
	33	21.80	5.01	25.90	5.85	30.70	7.12	33.80	8.01	37.60	9.21	41.10	10.42	45.70	12.26
	35	24.20	6.15	28.20	7.12	36.00	9.65	39.40	10.92	43.20	12.33	46.60	13.28	51.10	14.69
	37	24.20	6.53	28.20	7.55	36.00	10.25	39.40	11.60	43.20	13.00	46.60	13.99	51.10	15.47
	39	24.20	6.92	28.20	8.01	36.00	10.89	39.40	12.34	43.20	13.71	46.60	14.76	49.30	15.81
	41	24.20	7.34	28.20	8.51	36.00	11.58	39.40	13.15	43.20	14.48	45.70	15.31	45.10	15.39
	43	24.20	7.79	28.20	9.03	36.00	12.33	39.40	13.96	41.70	14.76	41.70	14.76	41.10	14.84
	46	24.20	8.52	28.20	9.89	35.90	13.51	35.80	13.50	35.90	13.53	35.80	13.51	35.30	13.64
	48	24.20	9.05	28.20	10.51	32.20	12.45	32.20	12.45	32.30	12.48	32.20	12.47	31.80	12.62
	50	24.20	9.61	28.20	11.18	28.90	11.54	28.90	11.53	28.90	11.53	28.90	11.55	28.50	11.66
	52	24.20	10.22	25.80	10.71	25.80	10.71	25.80	10.71	25.70	10.71	25.80	10.71	25.40	10.83
110	10	7.10	0.46	11.30	0.74	16.00	1.05	17.20	1.13	18.30	1.21	19.50	1.30	20.70	1.40
	12	7.10	0.46	11.30	0.74	16.00	1.06	17.20	1.13	18.30	1.21	19.50	1.30	20.70	1.41
	14	7.10	0.46	11.30	0.74	16.00	1.06	17.20	1.14	18.30	1.22	19.50	1.31	20.70	1.42
	16	7.10	0.46	11.30	0.74	16.00	1.07	17.20	1.15	18.30	1.24	19.50	1.33	20.70	1.45
	18	7.10	0.46	11.30	0.75	16.00	1.09	17.20	1.18	18.30	1.27	19.50	1.38	20.70	1.51

4. ARUM140LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	7.10	0.47	11.30	0.77	16.00	1.15	17.20	1.26	18.30	1.36	19.50	1.49	20.70	1.69
	21	8.00	0.55	12.20	0.89	16.90	1.39	18.00	1.53	19.10	1.69	20.20	1.86	21.40	2.24
	23	9.90	1.85	14.00	2.14	18.70	2.54	19.70	2.64	20.80	2.75	21.70	2.84	22.80	3.01
	25	11.80	2.15	15.90	2.51	20.50	3.02	21.50	3.14	22.50	3.27	23.30	3.37	24.20	3.56
	27	13.70	2.56	17.70	3.00	22.30	3.64	23.30	3.78	24.20	3.94	24.90	4.05	27.10	4.53
	29	15.80	3.10	19.70	3.64	24.20	4.45	25.10	4.62	26.00	4.81	27.60	5.14	32.00	6.23
	31	17.80	3.82	21.70	4.44	26.20	5.36	27.00	5.54	29.30	6.08	32.70	6.91	37.00	8.32
	33	20.00	4.62	23.70	5.34	28.20	6.43	31.00	7.19	34.50	8.21	37.70	9.24	41.90	11.01
	35	22.10	5.62	25.80	6.45	33.00	8.63	36.20	9.70	39.60	11.00	42.70	12.19	46.80	13.57
	37	22.10	5.96	25.80	6.84	33.00	9.16	36.20	10.30	39.60	11.69	42.70	12.85	46.80	14.28
	39	22.10	6.32	25.80	7.26	33.00	9.72	36.20	10.94	39.60	12.43	42.70	13.55	46.80	15.07
	41	22.10	6.70	25.80	7.71	33.00	10.33	36.20	11.64	39.60	13.25	42.70	14.31	45.20	15.39
	43	22.10	7.11	25.80	8.18	33.00	10.98	36.20	12.39	39.60	14.03	41.60	14.75	41.10	14.83
	46	22.10	7.77	25.80	8.95	33.00	12.06	35.90	13.50	35.80	13.49	35.90	13.52	35.40	13.66
	48	22.10	8.25	25.80	9.50	32.30	12.47	32.20	12.46	32.20	12.45	32.30	12.48	31.80	12.60
	50	22.10	8.76	25.80	10.09	28.90	11.52	28.90	11.52	28.90	11.55	28.90	11.54	28.40	11.64
	52	22.10	9.30	25.80	10.72	25.70	10.70	25.80	10.71	25.80	10.72	25.80	10.71	25.30	10.75
100	10	6.40	0.42	10.30	0.67	14.60	0.96	15.60	1.03	16.60	1.09	17.70	1.17	18.80	1.26
	12	6.40	0.42	10.30	0.67	14.60	0.96	15.60	1.03	16.60	1.10	17.70	1.17	18.80	1.27
	14	6.40	0.42	10.30	0.67	14.60	0.96	15.60	1.03	16.60	1.10	17.70	1.18	18.80	1.28
	16	6.40	0.42	10.30	0.67	14.60	0.97	15.60	1.04	16.60	1.11	17.70	1.19	18.80	1.30
	18	6.40	0.42	10.30	0.68	14.60	0.99	15.60	1.06	16.60	1.14	17.70	1.22	18.80	1.34
	20	6.40	0.42	10.30	0.69	14.60	1.03	15.60	1.12	16.60	1.21	17.70	1.31	18.80	1.47
	21	7.30	0.49	11.10	0.79	15.40	1.21	16.40	1.33	17.40	1.45	18.40	1.59	19.50	1.88
	23	9.00	1.78	12.70	2.04	17.00	2.39	17.90	2.47	18.90	2.56	19.80	2.65	20.70	2.79
	25	10.70	2.06	14.40	2.37	18.60	2.80	19.50	2.90	20.50	3.01	21.20	3.10	22.00	3.27
	27	12.50	2.42	16.10	2.80	20.30	3.34	21.10	3.46	22.00	3.59	22.60	3.68	24.60	4.09
	29	14.30	2.90	17.90	3.36	22.00	4.04	22.80	4.18	23.70	4.34	25.10	4.62	29.10	5.58
	31	16.20	3.53	19.70	4.07	23.80	4.85	24.50	5.01	26.70	5.47	29.70	6.17	33.60	7.35
	33	18.10	4.24	21.60	4.86	25.60	5.78	28.20	6.43	31.40	7.29	34.30	8.15	38.10	9.63
	35	20.10	5.12	23.50	5.83	30.00	7.67	32.90	8.58	36.00	9.66	38.90	10.70	42.60	12.38
	37	20.10	5.42	23.50	6.18	30.00	8.14	32.90	9.10	36.00	10.25	38.90	11.36	42.60	13.04
	39	20.10	5.74	23.50	6.55	30.00	8.64	32.90	9.67	36.00	10.90	38.90	12.08	42.60	13.75
	41	20.10	6.09	23.50	6.95	30.00	9.18	32.90	10.27	36.00	11.59	38.90	12.87	42.60	14.52
	43	20.10	6.46	23.50	7.38	30.00	9.75	32.90	10.91	36.00	12.34	38.90	13.74	41.10	14.84
	46	20.10	7.06	23.50	8.06	30.00	10.68	32.90	11.99	35.90	13.53	35.90	13.51	35.40	13.67
	48	20.10	7.49	23.50	8.56	30.00	11.36	32.30	12.46	32.20	12.45	32.30	12.48	31.80	12.61
	50	20.10	7.95	23.50	9.09	28.90	11.55	28.90	11.54	28.90	11.53	28.90	11.53	28.40	11.64
	52	20.10	8.44	23.50	9.65	25.80	10.71	25.80	10.71	25.80	10.73	25.70	10.70	25.40	10.82
90	10	5.80	0.38	9.30	0.60	13.10	0.86	14.00	0.92	15.00	0.98	15.90	1.05	17.00	1.13
	12	5.80	0.38	9.30	0.60	13.10	0.86	14.00	0.92	15.00	0.99	15.90	1.05	17.00	1.13
	14	5.80	0.38	9.30	0.60	13.10	0.86	14.00	0.93	15.00	0.99	15.90	1.06	17.00	1.14
	16	5.80	0.38	9.30	0.61	13.10	0.87	14.00	0.93	15.00	1.00	15.90	1.06	17.00	1.15
	18	5.80	0.38	9.30	0.61	13.10	0.88	14.00	0.95	15.00	1.01	15.90	1.09	17.00	1.18
	20	5.80	0.38	9.30	0.62	13.10	0.91	14.00	0.98	15.00	1.06	15.90	1.15	17.00	1.27
	21	6.50	0.44	10.00	0.70	13.80	1.05	14.70	1.15	15.60	1.25	16.60	1.35	17.50	1.57
	23	8.10	1.50	11.50	1.95	15.30	2.25	16.10	2.32	17.00	2.39	17.80	2.46	18.60	2.58
	25	9.60	1.96	13.00	2.23	16.70	2.60	17.60	2.69	18.40	2.78	19.10	2.85	19.80	2.99
	27	11.20	2.28	14.50	2.61	18.30	3.07	19.00	3.17	19.80	3.28	20.40	3.35	22.10	3.69
	29	12.90	2.70	16.10	3.10	19.80	3.66	20.50	3.78	21.30	3.91	22.60	4.14	26.20	4.95
	31	14.60	3.25	17.70	3.72	21.40	4.39	22.10	4.52	24.00	4.90	26.70	5.48	30.20	6.46

4. ARUM140LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	16.30	3.88	19.40	4.40	23.00	5.18	25.40	5.72	28.20	6.44	30.90	7.15	34.30	8.38
	35	18.10	4.64	21.10	5.24	27.00	6.79	29.60	7.54	32.40	8.43	35.00	9.28	38.30	10.80
	37	18.10	4.91	21.10	5.55	27.00	7.20	29.60	8.00	32.40	8.95	35.00	9.86	38.30	11.48
	39	18.10	5.20	21.10	5.89	27.00	7.64	29.60	8.49	32.40	9.50	35.00	10.47	38.30	12.21
	41	18.10	5.51	21.10	6.24	27.00	8.11	29.60	9.01	32.40	10.10	35.00	11.13	38.30	13.01
	43	18.10	5.85	21.10	6.62	27.00	8.61	29.60	9.57	32.40	10.73	35.00	11.84	38.30	13.83
	46	18.10	6.39	21.10	7.24	27.00	9.42	29.60	10.49	32.40	11.78	35.00	13.04	35.30	13.65
	48	18.10	6.78	21.10	7.68	27.00	10.01	29.60	11.15	32.30	12.49	32.20	12.45	31.80	12.59
	50	18.10	7.19	21.10	8.15	27.00	10.64	28.90	11.54	28.90	11.53	28.90	11.53	28.40	11.64
	52	18.10	7.64	21.10	8.65	25.80	10.71	25.80	10.71	25.80	10.73	25.70	10.70	25.40	10.80
80	10	5.10	0.34	8.20	0.54	11.70	0.76	12.50	0.82	13.30	0.87	14.20	0.93	15.10	1.00
	12	5.10	0.34	8.20	0.54	11.70	0.76	12.50	0.82	13.30	0.87	14.20	0.93	15.10	1.00
	14	5.10	0.34	8.20	0.54	11.70	0.76	12.50	0.82	13.30	0.88	14.20	0.93	15.10	1.00
	16	5.10	0.33	8.20	0.54	11.70	0.77	12.50	0.82	13.30	0.88	14.20	0.94	15.10	1.01
	18	5.10	0.33	8.20	0.54	11.70	0.77	12.50	0.83	13.30	0.89	14.20	0.96	15.10	1.04
	20	5.10	0.33	8.20	0.54	11.70	0.80	12.50	0.86	13.30	0.93	14.20	1.00	15.10	1.10
	21	5.80	0.38	8.90	0.61	12.30	0.90	13.10	0.98	13.90	1.06	14.70	1.14	15.60	1.31
	23	7.20	1.13	10.20	1.72	13.60	2.11	14.30	2.17	15.10	2.23	15.80	2.29	16.60	2.39
	25	8.60	1.86	11.50	2.10	14.90	2.42	15.60	2.49	16.40	2.56	16.90	2.62	17.60	2.74
	27	10.00	2.14	12.90	2.43	16.20	2.81	16.90	2.89	17.60	2.98	18.10	3.04	19.70	3.32
	29	11.50	2.51	14.30	2.85	17.60	3.32	18.30	3.41	18.90	3.52	20.10	3.71	23.30	4.36
	31	13.00	2.99	15.80	3.38	19.00	3.95	19.60	4.06	21.30	4.37	23.80	4.85	26.90	5.65
	33	14.50	3.55	17.20	3.98	20.50	4.63	22.50	5.07	25.10	5.66	27.40	6.24	30.50	7.23
	35	16.10	4.20	18.80	4.69	24.00	5.97	26.30	6.58	28.80	7.31	31.10	8.00	34.10	9.23
	37	16.10	4.44	18.80	4.97	24.00	6.33	26.30	6.98	28.80	7.76	31.10	8.49	34.10	9.80
	39	16.10	4.69	18.80	5.26	24.00	6.71	26.30	7.41	28.80	8.24	31.10	9.02	34.10	10.40
	41	16.10	4.97	18.80	5.58	24.00	7.12	26.30	7.86	28.80	8.74	31.10	9.57	34.10	11.06
	43	16.10	5.27	18.80	5.91	24.00	7.56	26.30	8.35	28.80	9.28	31.10	10.17	34.10	11.77
	46	16.10	5.75	18.80	6.46	24.00	8.26	26.30	9.13	28.80	10.16	31.10	11.15	34.10	12.96
	48	16.10	6.10	18.80	6.86	24.00	8.77	26.30	9.70	28.80	10.81	31.10	11.88	31.80	12.62
	50	16.10	6.48	18.80	7.28	24.00	9.32	26.30	10.31	28.80	11.50	28.90	11.54	28.50	11.65
	52	16.10	6.88	18.80	7.72	24.00	9.90	25.80	10.72	25.80	10.72	25.80	10.71	25.40	10.82
70	10	4.50	0.29	7.20	0.47	10.20	0.67	10.90	0.71	11.60	0.76	12.40	0.81	13.20	0.87
	12	4.50	0.29	7.20	0.47	10.20	0.67	10.90	0.71	11.60	0.76	12.40	0.81	13.20	0.87
	14	4.50	0.29	7.20	0.47	10.20	0.67	10.90	0.71	11.60	0.76	12.40	0.81	13.20	0.87
	16	4.50	0.29	7.20	0.47	10.20	0.67	10.90	0.72	11.60	0.77	12.40	0.82	13.20	0.88
	18	4.50	0.29	7.20	0.47	10.20	0.67	10.90	0.72	11.60	0.77	12.40	0.83	13.20	0.89
	20	4.50	0.29	7.20	0.47	10.20	0.69	10.90	0.74	11.60	0.79	12.40	0.85	13.20	0.93
	21	5.10	0.33	7.80	0.52	10.80	0.76	11.50	0.82	12.20	0.89	12.90	0.96	13.60	1.08
	23	6.30	0.83	8.90	1.26	11.90	1.98	12.50	2.03	13.20	2.08	13.80	2.13	14.50	2.22
	25	7.50	1.77	10.10	1.97	13.00	2.24	13.70	2.30	14.30	2.36	14.80	2.41	15.40	2.51
	27	8.70	2.01	11.30	2.25	14.20	2.57	14.80	2.64	15.40	2.71	15.80	2.76	17.20	2.99
	29	10.00	2.33	12.50	2.61	15.40	3.00	16.00	3.08	16.60	3.16	17.60	3.31	20.40	3.83
	31	11.30	2.73	13.80	3.07	16.60	3.53	17.20	3.62	18.70	3.89	20.80	4.27	23.50	4.91
	33	12.70	3.23	15.10	3.59	17.90	4.11	19.70	4.47	21.90	4.94	24.00	5.40	26.70	6.20
	35	14.10	3.78	16.40	4.18	21.00	5.21	23.00	5.71	25.20	6.29	27.20	6.84	29.80	7.81
	37	14.10	3.99	16.40	4.42	21.00	5.52	23.00	6.05	25.20	6.67	27.20	7.26	29.80	8.29
	39	14.10	4.21	16.40	4.68	21.00	5.86	23.00	6.42	25.20	7.08	27.20	7.70	29.80	8.80
	41	14.10	4.45	16.40	4.95	21.00	6.21	23.00	6.81	25.20	7.51	27.20	8.17	29.80	9.34
	43	14.10	4.72	16.40	5.25	21.00	6.59	23.00	7.22	25.20	7.97	27.20	8.67	29.80	9.92
	46	14.10	5.15	16.40	5.73	21.00	7.20	23.00	7.90	25.20	8.72	27.20	9.49	29.80	10.88

4. ARUM140LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	14.10	5.46	16.40	6.08	21.00	7.64	23.00	8.38	25.20	9.26	27.20	10.08	29.80	11.58
	50	14.10	5.80	16.40	6.46	21.00	8.11	23.00	8.90	25.20	9.83	27.20	10.72	28.50	11.67
	52	14.10	6.16	16.40	6.85	21.00	8.61	23.00	9.45	25.20	10.45	25.80	10.73	25.40	10.82
60	10	3.90	0.25	6.20	0.40	8.70	0.57	9.40	0.61	10.00	0.65	10.60	0.69	11.30	0.75
	12	3.90	0.25	6.20	0.40	8.70	0.57	9.40	0.61	10.00	0.65	10.60	0.69	11.30	0.75
	14	3.90	0.25	6.20	0.40	8.70	0.57	9.40	0.61	10.00	0.65	10.60	0.70	11.30	0.75
	16	3.90	0.25	6.20	0.40	8.70	0.57	9.40	0.61	10.00	0.65	10.60	0.70	11.30	0.75
	18	3.90	0.25	6.20	0.40	8.70	0.57	9.40	0.61	10.00	0.66	10.60	0.70	11.30	0.76
	20	3.90	0.25	6.20	0.40	8.70	0.58	9.40	0.62	10.00	0.67	10.60	0.72	11.30	0.78
	21	4.40	0.28	6.70	0.44	9.20	0.63	9.80	0.68	10.40	0.73	11.00	0.79	11.70	0.88
	23	5.40	0.60	7.60	0.90	10.20	1.71	10.80	1.89	11.30	1.94	11.90	1.98	12.40	2.05
	25	6.40	1.68	8.60	1.85	11.20	2.07	11.70	2.12	12.30	2.17	12.70	2.21	13.20	2.29
	27	7.50	1.88	9.70	2.08	12.20	2.35	12.70	2.40	13.20	2.46	13.60	2.50	14.80	2.68
	29	8.60	2.15	10.70	2.38	13.20	2.70	13.70	2.76	14.20	2.83	15.10	2.95	17.50	3.36
	31	9.70	2.49	11.80	2.76	14.30	3.14	14.70	3.21	16.00	3.42	17.80	3.74	20.20	4.24
	33	10.90	2.92	12.90	3.22	15.40	3.63	16.90	3.92	18.80	4.28	20.60	4.64	22.80	5.26
	35	12.10	3.39	14.10	3.71	18.00	4.52	19.70	4.91	21.60	5.36	23.30	5.79	25.50	6.54
	37	12.10	3.57	14.10	3.91	18.00	4.78	19.70	5.20	21.60	5.68	23.30	6.14	25.50	6.94
	39	12.10	3.76	14.10	4.13	18.00	5.07	19.70	5.51	21.60	6.02	23.30	6.51	25.50	7.36
	41	12.10	3.97	14.10	4.37	18.00	5.37	19.70	5.84	21.60	6.39	23.30	6.90	25.50	7.81
	43	12.10	4.20	14.10	4.63	18.00	5.69	19.70	6.19	21.60	6.78	23.30	7.32	25.50	8.29
	46	12.10	4.58	14.10	5.05	18.00	6.22	19.70	6.77	21.60	7.41	23.30	8.01	25.50	9.07
	48	12.10	4.86	14.10	5.36	18.00	6.60	19.70	7.18	21.60	7.86	23.30	8.50	25.50	9.63
	50	12.10	5.16	14.10	5.69	18.00	7.00	19.70	7.62	21.60	8.34	23.30	9.02	25.50	10.23
	52	12.10	5.48	14.10	6.04	18.00	7.43	19.70	8.09	21.60	8.86	23.30	9.58	25.40	10.83
50	10	3.20	0.21	5.10	0.33	7.30	0.48	7.80	0.51	8.30	0.54	8.90	0.58	9.40	0.62
	12	3.20	0.21	5.10	0.33	7.30	0.47	7.80	0.51	8.30	0.54	8.90	0.58	9.40	0.62
	14	3.20	0.21	5.10	0.33	7.30	0.47	7.80	0.51	8.30	0.54	8.90	0.58	9.40	0.62
	16	3.20	0.21	5.10	0.33	7.30	0.47	7.80	0.51	8.30	0.54	8.90	0.58	9.40	0.62
	18	3.20	0.21	5.10	0.33	7.30	0.47	7.80	0.51	8.30	0.54	8.90	0.58	9.40	0.62
	20	3.20	0.21	5.10	0.33	7.30	0.48	7.80	0.51	8.30	0.55	8.90	0.59	9.40	0.64
	21	3.60	0.23	5.50	0.36	7.70	0.51	8.20	0.55	8.70	0.59	9.20	0.63	9.70	0.69
	23	4.50	0.43	6.40	0.63	8.50	1.13	9.00	1.27	9.40	1.43	9.90	1.59	10.40	1.89
	25	5.40	1.60	7.20	1.73	9.30	1.91	9.80	1.94	10.20	1.99	10.60	2.02	11.00	2.08
	27	6.20	1.76	8.10	1.92	10.10	2.13	10.60	2.17	11.00	2.22	11.30	2.25	12.30	2.40
	29	7.20	1.97	8.90	2.16	11.00	2.41	11.40	2.46	11.80	2.52	12.60	2.61	14.60	2.93
	31	8.10	2.25	9.90	2.47	11.90	2.77	12.30	2.83	13.30	2.99	14.90	3.24	16.80	3.63
	33	9.10	2.61	10.80	2.85	12.80	3.19	14.10	3.41	15.70	3.69	17.10	3.96	19.00	4.42
	35	10.10	2.99	11.70	3.26	15.00	3.89	16.40	4.18	18.00	4.52	19.40	4.84	21.30	5.40
	37	10.10	3.14	11.70	3.43	15.00	4.11	16.40	4.42	18.00	4.78	19.40	5.12	21.30	5.73
	39	10.10	3.30	11.70	3.61	15.00	4.34	16.40	4.68	18.00	5.07	19.40	5.43	21.30	6.07
	41	10.10	3.47	11.70	3.82	15.00	4.59	16.40	4.95	18.00	5.37	19.40	5.76	21.30	6.44
	43	10.10	3.67	11.70	4.05	15.00	4.87	16.40	5.25	18.00	5.69	19.40	6.10	21.30	6.83
	46	10.10	4.00	11.70	4.41	15.00	5.31	16.40	5.73	18.00	6.22	19.40	6.67	21.30	7.46
	48	10.10	4.25	11.70	4.68	15.00	5.64	16.40	6.08	18.00	6.60	19.40	7.08	21.30	7.92
	50	10.10	4.52	11.70	4.97	15.00	5.99	16.40	6.46	18.00	7.01	19.40	7.51	21.30	8.41
	52	10.10	4.82	11.70	5.28	15.00	6.36	16.40	6.86	18.00	7.44	19.40	7.97	21.30	8.93

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

4.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	26.10	12.05	25.90	12.15	25.70	12.25	25.60	12.30	25.50	12.35	25.30	12.45
	-24.8	-25	30.50	12.66	30.30	12.77	30.00	12.88	29.90	12.93	29.80	12.99	29.60	13.09
	-21.8	-22	33.30	13.01	33.00	13.12	32.70	13.24	32.60	13.30	32.50	13.35	32.30	13.47
	-19.8	-20	35.20	13.24	34.90	13.36	34.70	13.48	34.50	13.54	34.40	13.60	34.10	13.72
	-18.8	-19	36.20	13.36	35.90	13.48	35.60	13.60	35.50	13.66	35.40	13.72	35.10	13.84
	-16.7	-17	38.20	13.59	37.90	13.72	37.70	13.85	37.50	13.91	37.40	13.97	37.10	14.09
	-15	-15.9	39.50	13.73	39.20	13.86	38.90	13.99	38.80	14.06	38.60	14.12	38.30	14.25
	-13.7	-15	40.80	13.87	40.50	14.01	40.20	14.14	40.00	14.21	39.90	14.27	39.60	14.40
	-11.8	-13	42.70	14.08	42.40	14.22	42.10	14.36	41.90	14.43	41.80	14.49	41.50	14.62
	-9.8	-11	45.00	14.32	44.70	14.46	44.30	14.60	44.10	14.67	44.00	14.74	43.70	14.87
	-9.5	-10	46.10	14.43	45.80	14.58	45.40	14.72	45.20	14.79	45.10	14.86	44.70	14.99
	-8.5	-9.1	47.20	14.54	46.90	14.69	46.50	14.83	46.30	14.90	46.10	14.97	45.80	15.11
	-7	-7.6	49.10	14.73	48.70	14.88	48.30	15.02	48.20	15.10	48.00	15.17	47.60	15.31
	-5	-5.6	51.70	14.98	51.30	15.13	50.90	15.28	50.70	15.36	50.50	15.43	50.10	15.57
	-3	-3.7	54.20	15.22	53.80	15.38	53.40	15.53	53.20	15.61	53.00	15.68	50.20	14.67
	0	-0.7	58.40	15.61	58.00	15.77	57.30	15.84	55.50	15.20	53.70	14.57	50.20	13.33
	3	2.2	62.60	15.98	60.90	15.62	57.30	14.44	55.50	13.86	53.70	13.29	50.20	12.18
	5	4.1	64.50	15.85	60.90	14.71	57.30	13.61	55.50	13.07	53.70	12.54	50.20	11.50
	7	6	64.50	14.89	60.90	13.82	57.30	12.79	55.50	12.28	53.70	11.79	50.20	10.82
	9	7.9	64.50	13.96	60.90	12.97	57.30	12.01	55.50	11.54	53.70	11.08	50.20	10.18
	11	9.8	64.50	13.09	60.90	12.17	57.30	11.28	55.50	10.84	53.70	10.41	50.20	9.58
	13	11.8	64.50	12.22	60.90	11.37	57.30	10.55	55.50	10.15	53.70	9.75	50.20	8.98
	15	13.7	64.50	11.45	60.90	10.66	57.30	9.90	55.50	9.53	53.70	9.16	50.20	8.44
120	-30	-30.2	26.00	12.11	25.80	12.21	25.60	12.31	25.50	12.35	25.40	12.40	25.20	12.50
	-24.8	-25	30.40	12.73	30.10	12.84	29.90	12.95	29.80	13.00	29.70	13.05	29.40	13.16
	-21.8	-22	33.10	13.09	32.80	13.21	32.60	13.32	32.40	13.38	32.30	13.43	32.10	13.54
	-19.8	-20	35.00	13.33	34.70	13.45	34.50	13.57	34.30	13.63	34.20	13.69	33.90	13.80
	-18.8	-19	36.00	13.45	35.70	13.58	35.40	13.70	35.30	13.76	35.10	13.81	34.90	13.93
	-16.7	-17	38.00	13.70	37.70	13.83	37.40	13.95	37.30	14.01	37.10	14.07	36.90	14.19
	-15	-15.9	39.20	13.85	38.90	13.98	38.70	14.10	38.50	14.17	38.40	14.23	38.10	14.35
	-13.7	-15	40.50	13.99	40.20	14.13	39.90	14.26	39.80	14.32	39.60	14.39	39.40	14.51
	-11.8	-13	42.40	14.21	42.10	14.35	41.80	14.48	41.70	14.55	41.50	14.61	41.20	14.74
	-9.8	-11	44.70	14.46	44.30	14.60	44.00	14.73	43.80	14.80	43.70	14.87	43.30	15.00
	-9.5	-10	45.80	14.58	45.40	14.72	45.10	14.86	44.90	14.93	44.70	14.99	44.40	15.12
	-8.5	-9.1	46.80	14.70	46.50	14.84	46.10	14.98	46.00	15.05	45.80	15.11	45.40	15.25
	-7	-7.6	48.70	14.89	48.30	15.04	47.90	15.18	47.80	15.25	47.60	15.32	46.30	14.98
	-5	-5.6	51.20	15.16	50.80	15.31	50.40	15.45	50.20	15.52	49.60	15.37	46.30	14.06
	-3	-3.7	53.70	15.42	53.30	15.57	52.90	15.72	51.30	15.08	49.60	14.46	46.30	13.24
	0	-0.7	57.80	15.83	56.20	15.44	52.90	14.28	51.30	13.71	49.60	13.15	46.30	12.05
	3	2.2	59.50	15.16	56.20	14.08	52.90	13.03	51.30	12.52	49.60	12.02	46.30	11.03
	5	4.1	59.50	14.28	56.20	13.27	52.90	12.29	51.30	11.81	49.60	11.34	46.30	10.42
	7	6	59.50	13.42	56.20	12.48	52.90	11.56	51.30	11.11	49.60	10.67	46.30	9.81
	9	7.9	59.50	12.60	56.20	11.72	52.90	10.87	51.30	10.45	49.60	10.04	46.30	9.24
	11	9.8	59.50	11.82	56.20	11.01	52.90	10.22	51.30	9.83	49.60	9.45	46.30	8.70
	13	11.8	59.50	11.05	56.20	10.30	52.90	9.57	51.30	9.21	49.60	8.86	46.30	8.17

4. ARUM140LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	59.50	10.37	56.20	9.67	52.90	8.99	51.30	8.66	49.60	8.33	46.30	7.69
110	-30	-30.2	25.90	12.17	25.70	12.27	25.50	12.37	25.40	12.42	25.30	12.46	25.10	12.56
	-24.8	-25	30.20	12.81	29.90	12.92	29.70	13.03	29.60	13.08	29.50	13.13	29.30	13.24
	-21.8	-22	32.90	13.19	32.60	13.30	32.40	13.41	32.20	13.47	32.10	13.52	31.90	13.63
	-19.8	-20	34.70	13.44	34.50	13.56	34.20	13.67	34.10	13.73	34.00	13.79	33.70	13.90
	-18.8	-19	35.70	13.57	35.40	13.69	35.20	13.81	35.00	13.86	34.90	13.92	34.70	14.03
	-16.7	-17	37.70	13.82	37.40	13.95	37.10	14.07	37.00	14.13	36.90	14.19	36.60	14.30
	-15	-15.9	38.90	13.98	38.70	14.11	38.40	14.23	38.20	14.29	38.10	14.35	37.80	14.47
	-13.7	-15	40.20	14.14	39.90	14.27	39.60	14.39	39.50	14.46	39.30	14.52	39.10	14.64
	-11.8	-13	42.10	14.36	41.80	14.50	41.50	14.63	41.30	14.69	41.20	14.76	40.90	14.88
	-9.8	-11	44.30	14.62	43.90	14.76	43.60	14.89	43.40	14.96	43.30	15.02	42.40	14.86
	-9.5	-10	45.30	14.75	45.00	14.89	44.70	15.02	44.50	15.09	44.30	15.15	42.40	14.44
	-8.5	-9.1	46.40	14.87	46.00	15.01	45.70	15.15	45.50	15.21	45.40	15.28	42.40	14.04
	-7	-7.6	48.20	15.08	47.80	15.22	47.50	15.36	47.00	15.27	45.50	14.63	42.40	13.40
	-5	-5.6	50.70	15.36	50.30	15.51	48.50	14.93	47.00	14.33	45.50	13.74	42.40	12.59
	-3	-3.7	53.10	15.64	51.50	15.19	48.50	14.05	47.00	13.49	45.50	12.94	42.40	11.87
	0	-0.7	54.60	14.86	51.50	13.80	48.50	12.78	47.00	12.28	45.50	11.79	42.40	10.82
	3	2.2	54.60	13.56	51.50	12.61	48.50	11.69	47.00	11.24	45.50	10.79	42.40	9.92
	5	4.1	54.60	12.78	51.50	11.89	48.50	11.03	47.00	10.61	45.50	10.19	42.40	9.38
	7	6	54.60	12.01	51.50	11.19	48.50	10.38	47.00	9.99	45.50	9.60	42.40	8.84
	9	7.9	54.60	11.29	51.50	10.52	48.50	9.77	47.00	9.41	45.50	9.05	42.40	8.34
	11	9.8	54.60	10.61	51.50	9.89	48.50	9.20	47.00	8.86	45.50	8.52	42.40	7.87
	13	11.8	54.60	9.93	51.50	9.27	48.50	8.63	47.00	8.31	45.50	8.00	42.40	7.39
	15	13.7	54.60	9.33	51.50	8.72	48.50	8.12	47.00	7.82	45.50	7.54	42.40	6.97
100	-30	-30.2	25.70	12.25	25.50	12.35	25.30	12.44	25.20	12.49	25.10	12.53	25.00	12.63
	-24.8	-25	30.00	12.91	29.70	13.02	29.50	13.12	29.40	13.18	29.30	13.23	29.10	13.33
	-21.8	-22	32.60	13.30	32.40	13.42	32.10	13.53	32.00	13.58	31.90	13.63	31.70	13.74
	-19.8	-20	34.50	13.57	34.20	13.68	33.90	13.80	33.80	13.85	33.70	13.91	33.50	14.01
	-18.8	-19	35.40	13.70	35.10	13.82	34.90	13.93	34.80	13.99	34.60	14.04	34.40	14.15
	-16.7	-17	37.40	13.97	37.10	14.09	36.80	14.21	36.70	14.27	36.60	14.32	36.30	14.44
	-15	-15.9	38.60	14.14	38.30	14.26	38.00	14.38	37.90	14.44	37.80	14.50	37.50	14.62
	-13.7	-15	39.80	14.30	39.60	14.43	39.30	14.55	39.10	14.61	39.00	14.67	38.60	14.70
	-11.8	-13	41.70	14.54	41.40	14.67	41.10	14.80	41.00	14.86	40.80	14.92	38.60	13.93
	-9.8	-11	43.80	14.81	43.50	14.94	43.10	15.07	42.70	14.99	41.30	14.37	38.60	13.16
	-9.5	-10	44.80	14.95	44.50	15.08	44.10	15.16	42.70	14.56	41.30	13.96	38.60	12.80
	-8.5	-9.1	45.90	15.08	45.50	15.21	44.10	14.74	42.70	14.15	41.30	13.58	38.60	12.45
	-7	-7.6	47.60	15.30	46.90	15.21	44.10	14.07	42.70	13.51	41.30	12.96	38.60	11.89
	-5	-5.6	49.60	15.37	46.90	14.28	44.10	13.22	42.70	12.70	41.30	12.19	38.60	11.19
	-3	-3.7	49.60	14.46	46.90	13.44	44.10	12.45	42.70	11.96	41.30	11.49	38.60	10.56
	0	-0.7	49.60	13.15	46.90	12.23	44.10	11.35	42.70	10.91	41.30	10.48	38.60	9.65
	3	2.2	49.60	12.02	46.90	11.19	44.10	10.39	42.70	10.00	41.30	9.62	38.60	8.86
	5	4.1	49.60	11.34	46.90	10.57	44.10	9.82	42.70	9.45	41.30	9.09	38.60	8.38
	7	6	49.60	10.67	46.90	9.95	44.10	9.25	42.70	8.91	41.30	8.57	38.60	7.91
	9	7.9	49.60	10.04	46.90	9.37	44.10	8.72	42.70	8.40	41.30	8.09	38.60	7.47
	11	9.8	49.60	9.45	46.90	8.83	44.10	8.22	42.70	7.92	41.30	7.63	38.60	7.06
	13	11.8	49.60	8.86	46.90	8.28	44.10	7.72	42.70	7.45	41.30	7.18	38.60	6.65
	15	13.7	49.60	8.33	46.90	7.80	44.10	7.28	42.70	7.02	41.30	6.77	38.60	6.28

4. ARUM140LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	25.50	12.34	25.30	12.44	25.10	12.53	25.10	12.57	25.00	12.62	24.80	12.71
	-24.8	-25	29.70	13.03	29.50	13.14	29.30	13.24	29.20	13.29	29.00	13.34	28.80	13.44
	-21.8	-22	32.30	13.44	32.10	13.55	31.80	13.66	31.70	13.71	31.60	13.76	31.40	13.86
	-19.8	-20	34.10	13.72	33.90	13.83	33.60	13.94	33.50	14.00	33.40	14.05	33.10	14.15
	-18.8	-19	35.00	13.86	34.80	13.97	34.50	14.08	34.40	14.14	34.30	14.19	34.00	14.30
	-16.7	-17	37.00	14.14	36.70	14.26	36.40	14.38	36.30	14.43	36.20	14.49	34.70	13.87
	-15	-15.9	38.20	14.32	37.90	14.44	37.60	14.56	37.50	14.62	37.20	14.56	34.70	13.33
	-13.7	-15	39.40	14.50	39.10	14.62	38.80	14.74	38.40	14.64	37.20	14.03	34.70	12.85
	-11.8	-13	41.20	14.75	40.90	14.88	39.70	14.44	38.40	13.86	37.20	13.29	34.70	12.18
	-9.8	-11	43.20	15.04	42.20	14.74	39.70	13.64	38.40	13.10	37.20	12.56	34.70	11.51
	-9.5	-10	44.20	15.18	42.20	14.32	39.70	13.26	38.40	12.74	37.20	12.23	34.70	11.23
	-8.5	-9.1	44.60	14.98	42.20	13.92	39.70	12.90	38.40	12.39	37.20	11.90	34.70	10.93
	-7	-7.6	44.60	14.29	42.20	13.29	39.70	12.32	38.40	11.84	37.20	11.37	34.70	10.45
	-5	-5.6	44.60	13.43	42.20	12.49	39.70	11.58	38.40	11.14	37.20	10.70	34.70	9.85
	-3	-3.7	44.60	12.64	42.20	11.77	39.70	10.93	38.40	10.51	37.20	10.10	34.70	9.30
	0	-0.7	44.60	11.52	42.20	10.74	39.70	9.98	38.40	9.61	37.20	9.24	34.70	8.52
	3	2.2	44.60	10.55	42.20	9.85	39.70	9.16	38.40	8.82	37.20	8.49	34.70	7.84
	5	4.1	44.60	9.97	42.20	9.30	39.70	8.66	38.40	8.34	37.20	8.03	34.70	7.42
	7	6	44.60	9.39	42.20	8.78	39.70	8.18	38.40	7.88	37.20	7.59	34.70	7.02
	9	7.9	44.60	8.85	42.20	8.28	39.70	7.72	38.40	7.44	37.20	7.17	34.70	6.64
	11	9.8	44.60	8.34	42.20	7.81	39.70	7.29	38.40	7.03	37.20	6.78	34.70	6.28
	13	11.8	44.60	7.83	42.20	7.34	39.70	6.86	38.40	6.62	37.20	6.39	34.70	5.93
	15	13.7	44.60	7.38	42.20	6.92	39.70	6.47	38.40	6.25	37.20	6.03	34.70	5.61
80	-30	-30.2	25.30	12.45	25.10	12.55	24.90	12.64	24.80	12.68	24.70	12.73	24.60	12.81
	-24.8	-25	29.40	13.18	29.20	13.28	29.00	13.38	28.90	13.43	28.80	13.47	28.50	13.57
	-21.8	-22	31.90	13.61	31.70	13.72	31.50	13.82	31.40	13.87	31.20	13.92	30.90	13.91
	-19.8	-20	33.70	13.90	33.50	14.01	33.20	14.12	33.10	14.17	33.00	14.22	30.90	13.10
	-18.8	-19	34.60	14.05	34.40	14.16	34.10	14.27	34.00	14.32	33.10	13.86	30.90	12.72
	-16.7	-17	36.50	14.35	36.20	14.47	35.30	14.14	34.20	13.59	33.10	13.05	30.90	11.98
	-15	-15.9	37.70	14.54	37.40	14.66	35.30	13.60	34.20	13.07	33.10	12.54	30.90	11.51
	-13.7	-15	38.90	14.73	37.50	14.16	35.30	13.11	34.20	12.59	33.10	12.09	30.90	11.09
	-11.8	-13	39.70	14.44	37.50	13.42	35.30	12.42	34.20	11.94	33.10	11.46	30.90	10.52
	-9.8	-11	39.70	13.64	37.50	12.68	35.30	11.74	34.20	11.29	33.10	10.84	30.90	9.96
	-9.5	-10	39.70	13.26	37.50	12.34	35.30	11.45	34.20	11.02	33.10	10.59	30.90	9.75
	-8.5	-9.1	39.70	12.90	37.50	12.01	35.30	11.15	34.20	10.72	33.10	10.31	30.90	9.49
	-7	-7.6	39.70	12.32	37.50	11.48	35.30	10.66	34.20	10.25	33.10	9.86	30.90	9.08
	-5	-5.6	39.70	11.58	37.50	10.80	35.30	10.04	34.20	9.66	33.10	9.29	30.90	8.57
	-3	-3.7	39.70	10.93	37.50	10.19	35.30	9.48	34.20	9.13	33.10	8.78	30.90	8.11
	0	-0.7	39.70	9.98	37.50	9.32	35.30	8.68	34.20	8.36	33.10	8.05	30.90	7.44
	3	2.2	39.70	9.16	37.50	8.57	35.30	7.99	34.20	7.70	33.10	7.42	30.90	6.87
	5	4.1	39.70	8.66	37.50	8.10	35.30	7.56	34.20	7.29	33.10	7.03	30.90	6.51
	7	6	39.70	8.18	37.50	7.65	35.30	7.15	34.20	6.90	33.10	6.65	30.90	6.17
	9	7.9	39.70	7.72	37.50	7.23	35.30	6.76	34.20	6.53	33.10	6.30	30.90	5.85
	11	9.8	39.70	7.29	37.50	6.83	35.30	6.39	34.20	6.18	33.10	5.96	30.90	5.54
	13	11.8	39.70	6.86	37.50	6.44	35.30	6.03	34.20	5.83	33.10	5.63	30.90	5.24
	15	13.7	39.70	6.47	37.50	6.08	35.30	5.70	34.20	5.52	33.10	5.33	30.90	4.97
70	-30	-30.2	25.00	12.60	24.80	12.69	24.70	12.77	24.60	12.82	24.50	12.86	24.30	12.94

4. ARUM140LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	29.00	13.36	28.80	13.46	28.60	13.55	28.50	13.60	28.40	13.64	27.00	12.90
	-21.8	-22	31.50	13.82	31.20	13.92	30.90	13.91	29.90	13.37	28.90	12.84	27.00	11.80
	-19.8	-20	33.20	14.13	32.80	14.13	30.90	13.10	29.90	12.60	28.90	12.10	27.00	11.13
	-18.8	-19	34.10	14.29	32.80	13.71	30.90	12.72	29.90	12.23	28.90	11.75	27.00	10.81
	-16.7	-17	34.70	13.87	32.80	12.91	30.90	11.98	29.90	11.52	28.90	11.07	27.00	10.19
	-15	-15.9	34.70	13.34	32.80	12.41	30.90	11.51	29.90	11.07	28.90	10.63	27.00	9.78
	-13.7	-15	34.70	12.85	32.80	11.96	30.90	11.10	29.90	10.67	28.90	10.25	27.00	9.44
	-11.8	-13	34.70	12.18	32.80	11.34	30.90	10.52	29.90	10.12	28.90	9.73	27.00	8.96
	-9.8	-11	34.70	11.51	32.80	10.72	30.90	9.96	29.90	9.58	28.90	9.21	27.00	8.49
	-9.5	-10	34.70	11.23	32.80	10.48	30.90	9.75	29.90	9.39	28.90	9.03	27.00	8.33
	-8.5	-9.1	34.70	10.93	32.80	10.20	30.90	9.49	29.90	9.14	28.90	8.80	27.00	8.12
	-7	-7.6	34.70	10.45	32.80	9.76	30.90	9.08	29.90	8.75	28.90	8.42	27.00	7.78
	-5	-5.6	34.70	9.85	32.80	9.20	30.90	8.57	29.90	8.26	28.90	7.95	27.00	7.36
	-3	-3.7	34.70	9.30	32.80	8.70	30.90	8.11	29.90	7.82	28.90	7.53	27.00	6.97
	0	-0.7	34.70	8.52	32.80	7.98	30.90	7.44	29.90	7.18	28.90	6.93	27.00	6.42
	3	2.2	34.70	7.84	32.80	7.35	30.90	6.87	29.90	6.63	28.90	6.40	27.00	5.94
	5	4.1	34.70	7.42	32.80	6.96	30.90	6.51	29.90	6.29	28.90	6.07	27.00	5.64
	7	6	34.70	7.02	32.80	6.59	30.90	6.17	29.90	5.96	28.90	5.76	27.00	5.36
	9	7.9	34.70	6.64	32.80	6.24	30.90	5.85	29.90	5.66	28.90	5.47	27.00	5.09
	11	9.8	34.70	6.28	32.80	5.91	30.90	5.54	29.90	5.36	28.90	5.19	27.00	4.84
	13	11.8	34.70	5.93	32.80	5.58	30.90	5.24	29.90	5.07	28.90	4.91	27.00	4.59
	15	13.7	34.70	5.61	32.80	5.29	30.90	4.97	29.90	4.81	28.90	4.66	27.00	4.36
60	-30	-30.2	24.60	12.78	24.50	12.86	24.30	12.95	24.20	12.99	24.10	13.03	23.10	12.47
	-24.8	-25	28.50	13.59	28.10	13.55	26.50	12.58	25.60	12.10	24.80	11.63	23.10	10.70
	-21.8	-22	29.80	13.29	28.10	12.39	26.50	11.51	25.60	11.08	24.80	10.65	23.10	9.81
	-19.8	-20	29.80	12.53	28.10	11.68	26.50	10.85	25.60	10.45	24.80	10.05	23.10	9.27
	-18.8	-19	29.80	12.16	28.10	11.34	26.50	10.54	25.60	10.15	24.80	9.77	23.10	9.01
	-16.7	-17	29.80	11.46	28.10	10.69	26.50	9.95	25.60	9.58	24.80	9.22	23.10	8.51
	-15	-15.9	29.80	11.00	28.10	10.26	26.50	9.54	25.60	9.19	24.80	8.84	23.10	8.16
	-13.7	-15	29.80	10.61	28.10	9.90	26.50	9.21	25.60	8.87	24.80	8.54	23.10	7.88
	-11.8	-13	29.80	10.07	28.10	9.40	26.50	8.74	25.60	8.42	24.80	8.11	23.10	7.49
	-9.8	-11	29.80	9.53	28.10	8.90	26.50	8.28	25.60	7.98	24.80	7.69	23.10	7.11
	-9.5	-10	29.80	9.33	28.10	8.73	26.50	8.14	25.60	7.85	24.80	7.56	23.10	7.00
	-8.5	-9.1	29.80	9.09	28.10	8.51	26.50	7.93	25.60	7.65	24.80	7.37	23.10	6.83
	-7	-7.6	29.80	8.71	28.10	8.15	26.50	7.60	25.60	7.34	24.80	7.07	23.10	6.56
	-5	-5.6	29.80	8.22	28.10	7.70	26.50	7.19	25.60	6.94	24.80	6.69	23.10	6.21
	-3	-3.7	29.80	7.78	28.10	7.29	26.50	6.82	25.60	6.58	24.80	6.35	23.10	5.90
	0	-0.7	29.80	7.15	28.10	6.71	26.50	6.28	25.60	6.07	24.80	5.86	23.10	5.45
	3	2.2	29.80	6.60	28.10	6.20	26.50	5.82	25.60	5.62	24.80	5.44	23.10	5.07
	5	4.1	29.80	6.26	28.10	5.89	26.50	5.52	25.60	5.34	24.80	5.17	23.10	4.82
	7	6	29.80	5.93	28.10	5.59	26.50	5.25	25.60	5.08	24.80	4.92	23.10	4.59
	9	7.9	29.80	5.63	28.10	5.30	26.50	4.99	25.60	4.83	24.80	4.68	23.10	4.37
	11	9.8	29.80	5.34	28.10	5.04	26.50	4.74	25.60	4.59	24.80	4.45	23.10	4.17
	13	11.8	29.80	5.05	28.10	4.77	26.50	4.49	25.60	4.36	24.80	4.23	23.10	3.96
	15	13.7	29.80	4.79	28.10	4.53	26.50	4.27	25.60	4.15	24.80	4.02	23.10	3.78
50	-30	-30.2	24.10	13.02	23.40	12.65	22.00	11.75	21.40	11.31	20.70	10.88	19.30	10.03
	-24.8	-25	24.80	11.63	23.40	10.86	22.00	10.10	21.40	9.73	20.70	9.37	19.30	8.65

4. ARUM140LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	24.80	10.65	23.40	9.95	22.00	9.27	21.40	8.93	20.70	8.60	19.30	7.95
	-19.8	-20	24.80	10.05	23.40	9.40	22.00	8.76	21.40	8.44	20.70	8.13	19.30	7.53
	-18.8	-19	24.80	9.77	23.40	9.13	22.00	8.51	21.40	8.21	20.70	7.91	19.30	7.32
	-16.7	-17	24.80	9.22	23.40	8.63	22.00	8.05	21.40	7.76	20.70	7.48	19.30	6.93
	-15	-15.9	24.80	8.84	23.40	8.27	22.00	7.72	21.40	7.44	20.70	7.18	19.30	6.65
	-13.7	-15	24.80	8.54	23.40	7.99	22.00	7.45	21.40	7.19	20.70	6.93	19.30	6.43
	-11.8	-13	24.80	8.11	23.40	7.59	22.00	7.09	21.40	6.84	20.70	6.60	19.30	6.12
	-9.8	-11	24.80	7.69	23.40	7.20	22.00	6.73	21.40	6.50	20.70	6.27	19.30	5.82
	-9.5	-10	24.80	7.56	23.40	7.10	22.00	6.64	21.40	6.41	20.70	6.19	19.30	5.75
	-8.5	-9.1	24.80	7.37	23.40	6.92	22.00	6.48	21.40	6.26	20.70	6.04	19.30	5.62
	-7	-7.6	24.80	7.07	23.40	6.64	22.00	6.22	21.40	6.01	20.70	5.81	19.30	5.41
	-5	-5.6	24.80	6.69	23.40	6.29	22.00	5.90	21.40	5.70	20.70	5.51	19.30	5.14
	-3	-3.7	24.80	6.35	23.40	5.98	22.00	5.61	21.40	5.42	20.70	5.25	19.30	4.89
	0	-0.7	24.80	5.86	23.40	5.52	22.00	5.19	21.40	5.02	20.70	4.86	19.30	4.54
	3	2.2	24.80	5.44	23.40	5.13	22.00	4.82	21.40	4.68	20.70	4.53	19.30	4.24
	5	4.1	24.80	5.17	23.40	4.88	22.00	4.60	21.40	4.46	20.70	4.32	19.30	4.05
	7	6	24.80	4.92	23.40	4.65	22.00	4.38	21.40	4.25	20.70	4.12	19.30	3.87
	9	7.9	24.80	4.68	23.40	4.42	22.00	4.18	21.40	4.05	20.70	3.93	19.30	3.70
	11	9.8	24.80	4.45	23.40	4.21	22.00	3.98	21.40	3.87	20.70	3.76	19.30	3.54
	13	11.8	24.80	4.23	23.40	4.01	22.00	3.79	21.40	3.69	20.70	3.58	19.30	3.38
	15	13.7	24.80	4.02	23.40	3.82	22.00	3.62	21.40	3.52	20.70	3.42	19.30	3.23

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

4.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	26.10	12.05	25.90	12.15	25.70	12.25	25.60	12.30	25.50	12.35	25.30	12.45
	-24.8	-25	30.50	12.66	30.30	12.77	30.00	12.88	29.90	12.93	29.80	12.99	29.60	13.09
	-21.8	-22	33.30	13.01	33.00	13.12	32.70	13.24	32.60	13.30	32.50	13.35	32.30	13.47
	-19.8	-20	35.20	13.24	34.90	13.36	34.70	13.48	34.50	13.54	34.40	13.60	34.10	13.72
	-18.8	-19	36.20	13.36	35.90	13.48	35.60	13.60	35.50	13.66	35.40	13.72	35.10	13.84
	-16.7	-17	38.20	13.59	37.90	13.72	37.70	13.85	37.50	13.91	37.40	13.97	37.10	14.09
	-15	-15.9	39.50	13.73	39.20	13.86	38.90	13.99	38.80	14.06	38.60	14.12	38.30	14.25
	-13.7	-15	40.80	13.87	40.50	14.01	40.20	14.14	40.00	14.21	39.90	14.27	39.60	14.40
	-11.8	-13	42.70	14.08	42.40	14.22	42.10	14.36	41.90	14.43	41.80	14.49	41.50	14.62
	-9.8	-11	45.00	14.32	44.70	14.46	44.30	14.60	44.10	14.67	44.00	14.74	43.70	14.87
	-9.5	-10	46.10	14.43	45.80	14.58	45.40	14.72	45.20	14.79	45.10	14.86	44.70	14.99
	-8.5	-9.1	47.20	14.54	46.90	14.69	46.50	14.83	46.30	14.90	46.10	14.97	45.80	15.11
	-7	-7.6	49.10	14.73	48.70	14.88	48.30	15.02	48.20	15.10	48.00	15.17	47.60	15.31
	-5	-5.6	51.70	14.98	51.30	15.13	50.90	15.28	50.70	15.36	50.50	15.43	50.10	15.57
	-3	-3.7	54.20	15.22	53.80	15.38	53.40	15.53	53.20	15.61	53.00	15.68	50.20	14.67
	0	-0.7	58.40	15.61	58.00	15.77	57.30	15.84	55.50	15.20	53.70	14.57	50.20	13.33
	3	2.2	62.60	15.98	60.90	15.62	57.30	14.44	55.50	13.86	53.70	13.29	50.20	12.18
	5	4.1	61.00	14.40	57.40	13.31	53.80	12.26	52.00	11.74	50.20	11.23	46.50	10.23
	7	6	57.50	12.20	53.80	11.23	50.20	10.29	48.30	9.83	46.50	9.38	42.80	8.50
	9	7.9	53.80	10.25	50.10	9.40	46.40	8.57	44.60	8.17	42.70	7.77	39.00	7.00
	11	9.8	50.00	8.54	46.30	7.79	42.60	7.07	40.70	6.72	38.80	6.37	35.00	5.70
	13	11.8	46.10	7.02	42.40	6.38	38.60	5.76	36.70	5.46	34.80	5.16	30.90	4.58
	15	13.7	42.10	5.74	38.30	5.19	34.40	4.66	32.50	4.40	30.60	4.15	26.60	3.65
120	-30	-30.2	26.00	12.11	25.80	12.21	25.60	12.31	25.50	12.35	25.40	12.40	25.20	12.50
	-24.8	-25	30.40	12.73	30.10	12.84	29.90	12.95	29.80	13.00	29.70	13.05	29.40	13.16
	-21.8	-22	33.10	13.09	32.80	13.21	32.60	13.32	32.40	13.38	32.30	13.43	32.10	13.54
	-19.8	-20	35.00	13.33	34.70	13.45	34.50	13.57	34.30	13.63	34.20	13.69	33.90	13.80
	-18.8	-19	36.00	13.45	35.70	13.58	35.40	13.70	35.30	13.76	35.10	13.81	34.90	13.93
	-16.7	-17	38.00	13.70	37.70	13.83	37.40	13.95	37.30	14.01	37.10	14.07	36.90	14.19
	-15	-15.9	39.20	13.85	38.90	13.98	38.70	14.10	38.50	14.17	38.40	14.23	38.10	14.35
	-13.7	-15	40.50	13.99	40.20	14.13	39.90	14.26	39.80	14.32	39.60	14.39	39.40	14.51
	-11.8	-13	42.40	14.21	42.10	14.35	41.80	14.48	41.70	14.55	41.50	14.61	41.20	14.74
	-9.8	-11	44.70	14.46	44.30	14.60	44.00	14.73	43.80	14.80	43.70	14.87	43.30	15.00
	-9.5	-10	45.80	14.58	45.40	14.72	45.10	14.86	44.90	14.93	44.70	14.99	44.40	15.12
	-8.5	-9.1	46.80	14.70	46.50	14.84	46.10	14.98	46.00	15.05	45.80	15.11	45.40	15.25
	-7	-7.6	48.70	14.89	48.30	15.04	47.90	15.18	47.80	15.25	47.60	15.32	46.30	14.98
	-5	-5.6	51.20	15.16	50.80	15.31	50.40	15.45	50.20	15.52	49.60	15.37	46.30	14.06
	-3	-3.7	53.70	15.42	53.30	15.57	52.90	15.72	51.30	15.08	49.60	14.46	46.30	13.24
	0	-0.7	57.80	15.83	56.20	15.44	52.90	14.28	51.30	13.71	49.60	13.15	46.30	12.05
	3	2.2	59.50	15.16	56.20	14.08	52.90	13.03	51.30	12.52	49.60	12.02	46.30	11.03
	5	4.1	56.30	12.99	53.00	12.03	49.70	11.09	48.00	10.63	46.30	10.17	43.00	9.29
	7	6	53.10	11.03	49.70	10.17	46.30	9.34	44.60	8.93	42.90	8.53	39.50	7.75
	9	7.9	49.70	9.29	46.30	8.54	42.90	7.80	41.20	7.44	39.40	7.09	36.00	6.40
	11	9.8	46.20	7.77	42.80	7.11	39.30	6.46	37.60	6.15	35.80	5.84	32.30	5.24
	13	11.8	42.60	6.42	39.10	5.84	35.60	5.29	33.90	5.02	32.10	4.76	28.50	4.24

4. ARUM140LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	38.80	5.27	35.30	4.78	31.80	4.30	30.00	4.07	28.20	3.85	24.60	3.40
110	-30	-30.2	25.90	12.17	25.70	12.27	25.50	12.37	25.40	12.42	25.30	12.46	25.10	12.56
	-24.8	-25	30.20	12.81	29.90	12.92	29.70	13.03	29.60	13.08	29.50	13.13	29.30	13.24
	-21.8	-22	32.90	13.19	32.60	13.30	32.40	13.41	32.20	13.47	32.10	13.52	31.90	13.63
	-19.8	-20	34.70	13.44	34.50	13.56	34.20	13.67	34.10	13.73	34.00	13.79	33.70	13.90
	-18.8	-19	35.70	13.57	35.40	13.69	35.20	13.81	35.00	13.86	34.90	13.92	34.70	14.03
	-16.7	-17	37.70	13.82	37.40	13.95	37.10	14.07	37.00	14.13	36.90	14.19	36.60	14.30
	-15	-15.9	38.90	13.98	38.70	14.11	38.40	14.23	38.20	14.29	38.10	14.35	37.80	14.47
	-13.7	-15	40.20	14.14	39.90	14.27	39.60	14.39	39.50	14.46	39.30	14.52	39.10	14.64
	-11.8	-13	42.10	14.36	41.80	14.50	41.50	14.63	41.30	14.69	41.20	14.76	40.90	14.88
	-9.8	-11	44.30	14.62	43.90	14.76	43.60	14.89	43.40	14.96	43.30	15.02	42.40	14.86
	-9.5	-10	45.30	14.75	45.00	14.89	44.70	15.02	44.50	15.09	44.30	15.15	42.40	14.44
	-8.5	-9.1	46.40	14.87	46.00	15.01	45.70	15.15	45.50	15.21	45.40	15.28	42.40	14.04
	-7	-7.6	48.20	15.08	47.80	15.22	47.50	15.36	47.00	15.27	45.50	14.63	42.40	13.40
	-5	-5.6	50.70	15.36	50.30	15.51	48.50	14.93	47.00	14.33	45.50	13.74	42.40	12.59
	-3	-3.7	53.10	15.64	51.50	15.19	48.50	14.05	47.00	13.49	45.50	12.94	42.40	11.87
	0	-0.7	54.60	14.86	51.50	13.80	48.50	12.78	47.00	12.28	45.50	11.79	42.40	10.82
	3	2.2	54.60	13.56	51.50	12.61	48.50	11.69	47.00	11.24	45.50	10.79	42.40	9.92
	5	4.1	51.70	11.64	48.60	10.79	45.50	9.96	44.00	9.56	42.50	9.16	39.40	8.38
	7	6	48.60	9.91	45.60	9.15	42.50	8.42	40.90	8.06	39.40	7.71	36.20	7.01
	9	7.9	45.50	8.38	42.40	7.71	39.30	7.06	37.70	6.75	36.20	6.43	33.00	5.82
	11	9.8	42.30	7.03	39.20	6.44	36.00	5.88	34.40	5.60	32.80	5.33	29.60	4.80
	13	11.8	39.00	5.83	35.80	5.33	32.60	4.84	31.00	4.60	29.40	4.36	26.10	3.90
	15	13.7	35.60	4.82	32.40	4.38	29.10	3.96	27.50	3.76	25.90	3.56	22.50	3.16
100	-30	-30.2	25.70	12.25	25.50	12.35	25.30	12.44	25.20	12.49	25.10	12.53	25.00	12.63
	-24.8	-25	30.00	12.91	29.70	13.02	29.50	13.12	29.40	13.18	29.30	13.23	29.10	13.33
	-21.8	-22	32.60	13.30	32.40	13.42	32.10	13.53	32.00	13.58	31.90	13.63	31.70	13.74
	-19.8	-20	34.50	13.57	34.20	13.68	33.90	13.80	33.80	13.85	33.70	13.91	33.50	14.01
	-18.8	-19	35.40	13.70	35.10	13.82	34.90	13.93	34.80	13.99	34.60	14.04	34.40	14.15
	-16.7	-17	37.40	13.97	37.10	14.09	36.80	14.21	36.70	14.27	36.60	14.32	36.30	14.44
	-15	-15.9	38.60	14.14	38.30	14.26	38.00	14.38	37.90	14.44	37.80	14.50	37.50	14.62
	-13.7	-15	39.80	14.30	39.60	14.43	39.30	14.55	39.10	14.61	39.00	14.67	38.60	14.70
	-11.8	-13	41.70	14.54	41.40	14.67	41.10	14.80	41.00	14.86	40.80	14.92	38.60	13.93
	-9.8	-11	43.80	14.81	43.50	14.94	43.10	15.07	42.70	14.99	41.30	14.37	38.60	13.16
	-9.5	-10	44.80	14.95	44.50	15.08	44.10	15.16	42.70	14.56	41.30	13.96	38.60	12.80
	-8.5	-9.1	45.90	15.08	45.50	15.21	44.10	14.74	42.70	14.15	41.30	13.58	38.60	12.45
	-7	-7.6	47.60	15.30	46.90	15.21	44.10	14.07	42.70	13.51	41.30	12.96	38.60	11.89
	-5	-5.6	49.60	15.37	46.90	14.28	44.10	13.22	42.70	12.70	41.30	12.19	38.60	11.19
	-3	-3.7	49.60	14.46	46.90	13.44	44.10	12.45	42.70	11.96	41.30	11.49	38.60	10.56
	0	-0.7	49.60	13.15	46.90	12.23	44.10	11.35	42.70	10.91	41.30	10.48	38.60	9.65
	3	2.2	49.60	12.02	46.90	11.19	44.10	10.39	42.70	10.00	41.30	9.62	38.60	8.86
	5	4.1	47.00	10.35	44.20	9.61	41.40	8.89	40.00	8.53	38.60	8.19	35.80	7.51
	7	6	44.20	8.83	41.40	8.18	38.60	7.54	37.20	7.22	35.80	6.92	32.90	6.31
	9	7.9	41.40	7.50	38.60	6.91	35.70	6.35	34.30	6.07	32.90	5.80	30.00	5.27
	11	9.8	38.50	6.32	35.60	5.81	32.80	5.31	31.30	5.07	29.90	4.83	26.90	4.37
	13	11.8	35.50	5.27	32.60	4.83	29.70	4.40	28.20	4.19	26.70	3.99	23.80	3.58
	15	13.7	32.40	4.38	29.40	4.00	26.50	3.63	25.00	3.45	23.50	3.28	20.50	2.93

4. ARUM140LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	25.50	12.34	25.30	12.44	25.10	12.53	25.10	12.57	25.00	12.62	24.80	12.71
	-24.8	-25	29.70	13.03	29.50	13.14	29.30	13.24	29.20	13.29	29.00	13.34	28.80	13.44
	-21.8	-22	32.30	13.44	32.10	13.55	31.80	13.66	31.70	13.71	31.60	13.76	31.40	13.86
	-19.8	-20	34.10	13.72	33.90	13.83	33.60	13.94	33.50	14.00	33.40	14.05	33.10	14.15
	-18.8	-19	35.00	13.86	34.80	13.97	34.50	14.08	34.40	14.14	34.30	14.19	34.00	14.30
	-16.7	-17	37.00	14.14	36.70	14.26	36.40	14.38	36.30	14.43	36.20	14.49	34.70	13.87
	-15	-15.9	38.20	14.32	37.90	14.44	37.60	14.56	37.50	14.62	37.20	14.56	34.70	13.33
	-13.7	-15	39.40	14.50	39.10	14.62	38.80	14.74	38.40	14.64	37.20	14.03	34.70	12.85
	-11.8	-13	41.20	14.75	40.90	14.88	39.70	14.44	38.40	13.86	37.20	13.29	34.70	12.18
	-9.8	-11	43.20	15.04	42.20	14.74	39.70	13.64	38.40	13.10	37.20	12.56	34.70	11.51
	-9.5	-10	44.20	15.18	42.20	14.32	39.70	13.26	38.40	12.74	37.20	12.23	34.70	11.23
	-8.5	-9.1	44.60	14.98	42.20	13.92	39.70	12.90	38.40	12.39	37.20	11.90	34.70	10.93
	-7	-7.6	44.60	14.29	42.20	13.29	39.70	12.32	38.40	11.84	37.20	11.37	34.70	10.45
	-5	-5.6	44.60	13.43	42.20	12.49	39.70	11.58	38.40	11.14	37.20	10.70	34.70	9.85
	-3	-3.7	44.60	12.64	42.20	11.77	39.70	10.93	38.40	10.51	37.20	10.10	34.70	9.30
	0	-0.7	44.60	11.52	42.20	10.74	39.70	9.98	38.40	9.61	37.20	9.24	34.70	8.52
	3	2.2	44.60	10.55	42.20	9.85	39.70	9.16	38.40	8.82	37.20	8.49	34.70	7.84
	5	4.1	42.30	9.11	39.80	8.48	37.30	7.86	36.00	7.55	34.70	7.26	32.20	6.67
	7	6	39.80	7.81	37.30	7.24	34.70	6.69	33.50	6.42	32.20	6.16	29.60	5.64
	9	7.9	37.30	6.65	34.70	6.15	32.20	5.67	30.90	5.43	29.60	5.19	27.00	4.73
	11	9.8	34.60	5.64	32.10	5.20	29.50	4.77	28.20	4.56	26.90	4.36	24.20	3.95
	13	11.8	31.90	4.73	29.30	4.35	26.70	3.98	25.40	3.80	24.10	3.62	21.40	3.27
	15	13.7	29.10	3.96	26.50	3.63	23.80	3.32	22.50	3.16	21.20	3.01	18.40	2.71
80	-30	-30.2	25.30	12.45	25.10	12.55	24.90	12.64	24.80	12.68	24.70	12.73	24.60	12.81
	-24.8	-25	29.40	13.18	29.20	13.28	29.00	13.38	28.90	13.43	28.80	13.47	28.50	13.57
	-21.8	-22	31.90	13.61	31.70	13.72	31.50	13.82	31.40	13.87	31.20	13.92	30.90	13.91
	-19.8	-20	33.70	13.90	33.50	14.01	33.20	14.12	33.10	14.17	33.00	14.22	30.90	13.10
	-18.8	-19	34.60	14.05	34.40	14.16	34.10	14.27	34.00	14.32	33.10	13.86	30.90	12.72
	-16.7	-17	36.50	14.35	36.20	14.47	35.30	14.14	34.20	13.59	33.10	13.05	30.90	11.98
	-15	-15.9	37.70	14.54	37.40	14.66	35.30	13.60	34.20	13.07	33.10	12.54	30.90	11.51
	-13.7	-15	38.90	14.73	37.50	14.16	35.30	13.11	34.20	12.59	33.10	12.09	30.90	11.09
	-11.8	-13	39.70	14.44	37.50	13.42	35.30	12.42	34.20	11.94	33.10	11.46	30.90	10.52
	-9.8	-11	39.70	13.64	37.50	12.68	35.30	11.74	34.20	11.29	33.10	10.84	30.90	9.96
	-9.5	-10	39.70	13.26	37.50	12.34	35.30	11.45	34.20	11.02	33.10	10.59	30.90	9.75
	-8.5	-9.1	39.70	12.90	37.50	12.01	35.30	11.15	34.20	10.72	33.10	10.31	30.90	9.49
	-7	-7.6	39.70	12.32	37.50	11.48	35.30	10.66	34.20	10.25	33.10	9.86	30.90	9.08
	-5	-5.6	39.70	11.58	37.50	10.80	35.30	10.04	34.20	9.66	33.10	9.29	30.90	8.57
	-3	-3.7	39.70	10.93	37.50	10.19	35.30	9.48	34.20	9.13	33.10	8.78	30.90	8.11
	0	-0.7	39.70	9.98	37.50	9.32	35.30	8.68	34.20	8.36	33.10	8.05	30.90	7.44
	3	2.2	39.70	9.16	37.50	8.57	35.30	7.99	34.20	7.70	33.10	7.42	30.90	6.87
	5	4.1	37.60	7.93	35.30	7.40	33.10	6.88	32.00	6.62	30.90	6.37	28.60	5.87
	7	6	35.40	6.83	33.10	6.35	30.90	5.89	29.80	5.66	28.60	5.43	26.40	4.99
	9	7.9	33.10	5.85	30.90	5.43	28.60	5.02	27.40	4.81	26.30	4.61	24.00	4.22
	11	9.8	30.80	4.99	28.50	4.61	26.20	4.25	25.00	4.07	23.90	3.90	21.50	3.56
	13	11.8	28.40	4.22	26.10	3.89	23.70	3.58	22.60	3.42	21.40	3.27	19.00	2.98
	15	13.7	25.90	3.56	23.50	3.28	21.20	3.01	20.00	2.88	18.80	2.75	16.40	2.49
70	-30	-30.2	25.00	12.60	24.80	12.69	24.70	12.77	24.60	12.82	24.50	12.86	24.30	12.94

4. ARUM140LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	29.00	13.36	28.80	13.46	28.60	13.55	28.50	13.60	28.40	13.64	27.00	12.90
	-21.8	-22	31.50	13.82	31.20	13.92	30.90	13.91	29.90	13.37	28.90	12.84	27.00	11.80
	-19.8	-20	33.20	14.13	32.80	14.13	30.90	13.10	29.90	12.60	28.90	12.10	27.00	11.13
	-18.8	-19	34.10	14.29	32.80	13.71	30.90	12.72	29.90	12.23	28.90	11.75	27.00	10.81
	-16.7	-17	34.70	13.87	32.80	12.91	30.90	11.98	29.90	11.52	28.90	11.07	27.00	10.19
	-15	-15.9	34.70	13.34	32.80	12.41	30.90	11.51	29.90	11.07	28.90	10.63	27.00	9.78
	-13.7	-15	34.70	12.85	32.80	11.96	30.90	11.10	29.90	10.67	28.90	10.25	27.00	9.44
	-11.8	-13	34.70	12.18	32.80	11.34	30.90	10.52	29.90	10.12	28.90	9.73	27.00	8.96
	-9.8	-11	34.70	11.51	32.80	10.72	30.90	9.96	29.90	9.58	28.90	9.21	27.00	8.49
	-9.5	-10	34.70	11.23	32.80	10.48	30.90	9.75	29.90	9.39	28.90	9.03	27.00	8.33
	-8.5	-9.1	34.70	10.93	32.80	10.20	30.90	9.49	29.90	9.14	28.90	8.80	27.00	8.12
	-7	-7.6	34.70	10.45	32.80	9.76	30.90	9.08	29.90	8.75	28.90	8.42	27.00	7.78
	-5	-5.6	34.70	9.85	32.80	9.20	30.90	8.57	29.90	8.26	28.90	7.95	27.00	7.36
	-3	-3.7	34.70	9.30	32.80	8.70	30.90	8.11	29.90	7.82	28.90	7.53	27.00	6.97
	0	-0.7	34.70	8.52	32.80	7.98	30.90	7.44	29.90	7.18	28.90	6.93	27.00	6.42
	3	2.2	34.70	7.84	32.80	7.35	30.90	6.87	29.90	6.63	28.90	6.40	27.00	5.94
	5	4.1	32.90	6.82	30.90	6.38	29.00	5.94	28.00	5.73	27.00	5.52	25.10	5.11
	7	6	31.00	5.90	29.00	5.51	27.00	5.12	26.00	4.93	25.00	4.74	23.10	4.38
	9	7.9	29.00	5.09	27.00	4.74	25.00	4.39	24.00	4.23	23.00	4.06	21.00	3.73
	11	9.8	26.90	4.37	24.90	4.06	22.90	3.76	21.90	3.61	20.90	3.46	18.90	3.18
	13	11.8	24.80	3.73	22.80	3.46	20.80	3.19	19.70	3.07	18.70	2.94	16.60	2.69
	15	13.7	22.60	3.18	20.60	2.94	18.50	2.72	17.50	2.61	16.50	2.50	14.30	2.28
60	-30	-30.2	24.60	12.78	24.50	12.86	24.30	12.95	24.20	12.99	24.10	13.03	23.10	12.47
	-24.8	-25	28.50	13.59	28.10	13.55	26.50	12.58	25.60	12.10	24.80	11.63	23.10	10.70
	-21.8	-22	29.80	13.29	28.10	12.39	26.50	11.51	25.60	11.08	24.80	10.65	23.10	9.81
	-19.8	-20	29.80	12.53	28.10	11.68	26.50	10.85	25.60	10.45	24.80	10.05	23.10	9.27
	-18.8	-19	29.80	12.16	28.10	11.34	26.50	10.54	25.60	10.15	24.80	9.77	23.10	9.01
	-16.7	-17	29.80	11.46	28.10	10.69	26.50	9.95	25.60	9.58	24.80	9.22	23.10	8.51
	-15	-15.9	29.80	11.00	28.10	10.26	26.50	9.54	25.60	9.19	24.80	8.84	23.10	8.16
	-13.7	-15	29.80	10.61	28.10	9.90	26.50	9.21	25.60	8.87	24.80	8.54	23.10	7.88
	-11.8	-13	29.80	10.07	28.10	9.40	26.50	8.74	25.60	8.42	24.80	8.11	23.10	7.49
	-9.8	-11	29.80	9.53	28.10	8.90	26.50	8.28	25.60	7.98	24.80	7.69	23.10	7.11
	-9.5	-10	29.80	9.33	28.10	8.73	26.50	8.14	25.60	7.85	24.80	7.56	23.10	7.00
	-8.5	-9.1	29.80	9.09	28.10	8.51	26.50	7.93	25.60	7.65	24.80	7.37	23.10	6.83
	-7	-7.6	29.80	8.71	28.10	8.15	26.50	7.60	25.60	7.34	24.80	7.07	23.10	6.56
	-5	-5.6	29.80	8.22	28.10	7.70	26.50	7.19	25.60	6.94	24.80	6.69	23.10	6.21
	-3	-3.7	29.80	7.78	28.10	7.29	26.50	6.82	25.60	6.58	24.80	6.35	23.10	5.90
	0	-0.7	29.80	7.15	28.10	6.71	26.50	6.28	25.60	6.07	24.80	5.86	23.10	5.45
	3	2.2	29.80	6.60	28.10	6.20	26.50	5.82	25.60	5.62	24.80	5.44	23.10	5.07
	5	4.1	28.20	5.77	26.50	5.41	24.80	5.06	24.00	4.89	23.20	4.72	21.50	4.39
	7	6	26.50	5.03	24.90	4.71	23.20	4.40	22.30	4.24	21.50	4.09	19.80	3.79
	9	7.9	24.80	4.37	23.10	4.08	21.40	3.80	20.60	3.67	19.70	3.53	18.00	3.27
	11	9.8	23.10	3.78	21.40	3.53	19.70	3.29	18.80	3.17	17.90	3.05	16.20	2.81
	13	11.8	21.30	3.26	19.60	3.04	17.80	2.83	16.90	2.72	16.00	2.62	14.30	2.42
	15	13.7	19.40	2.81	17.70	2.62	15.90	2.44	15.00	2.35	14.10	2.26	12.30	2.08
50	-30	-30.2	24.10	13.02	23.40	12.65	22.00	11.75	21.40	11.31	20.70	10.88	19.30	10.03
	-24.8	-25	24.80	11.63	23.40	10.86	22.00	10.10	21.40	9.73	20.70	9.37	19.30	8.65

4. ARUM140LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	24.80	10.65	23.40	9.95	22.00	9.27	21.40	8.93	20.70	8.60	19.30	7.95
	-19.8	-20	24.80	10.05	23.40	9.40	22.00	8.76	21.40	8.44	20.70	8.13	19.30	7.53
	-18.8	-19	24.80	9.77	23.40	9.13	22.00	8.51	21.40	8.21	20.70	7.91	19.30	7.32
	-16.7	-17	24.80	9.22	23.40	8.63	22.00	8.05	21.40	7.76	20.70	7.48	19.30	6.93
	-15	-15.9	24.80	8.84	23.40	8.27	22.00	7.72	21.40	7.44	20.70	7.18	19.30	6.65
	-13.7	-15	24.80	8.54	23.40	7.99	22.00	7.45	21.40	7.19	20.70	6.93	19.30	6.43
	-11.8	-13	24.80	8.11	23.40	7.59	22.00	7.09	21.40	6.84	20.70	6.60	19.30	6.12
	-9.8	-11	24.80	7.69	23.40	7.20	22.00	6.73	21.40	6.50	20.70	6.27	19.30	5.82
	-9.5	-10	24.80	7.56	23.40	7.10	22.00	6.64	21.40	6.41	20.70	6.19	19.30	5.75
	-8.5	-9.1	24.80	7.37	23.40	6.92	22.00	6.48	21.40	6.26	20.70	6.04	19.30	5.62
	-7	-7.6	24.80	7.07	23.40	6.64	22.00	6.22	21.40	6.01	20.70	5.81	19.30	5.41
	-5	-5.6	24.80	6.69	23.40	6.29	22.00	5.90	21.40	5.70	20.70	5.51	19.30	5.14
	-3	-3.7	24.80	6.35	23.40	5.98	22.00	5.61	21.40	5.42	20.70	5.25	19.30	4.89
	0	-0.7	24.80	5.86	23.40	5.52	22.00	5.19	21.40	5.02	20.70	4.86	19.30	4.54
	3	2.2	24.80	5.44	23.40	5.13	22.00	4.82	21.40	4.68	20.70	4.53	19.30	4.24
	5	4.1	23.50	4.79	22.10	4.51	20.70	4.24	20.00	4.10	19.30	3.97	17.90	3.71
	7	6	22.10	4.21	20.70	3.96	19.30	3.71	18.60	3.59	17.90	3.47	16.50	3.24
	9	7.9	20.70	3.69	19.30	3.47	17.90	3.25	17.10	3.14	16.40	3.04	15.00	2.83
	11	9.8	19.20	3.23	17.80	3.03	16.40	2.84	15.70	2.75	14.90	2.66	13.50	2.47
	13	11.8	17.70	2.82	16.30	2.65	14.80	2.48	14.10	2.40	13.40	2.32	11.90	2.15
	15	13.7	16.20	2.47	14.70	2.32	13.20	2.17	12.50	2.10	11.80	2.03	10.20	1.89

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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4.8 Capacity Correction Factor

4.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

4.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

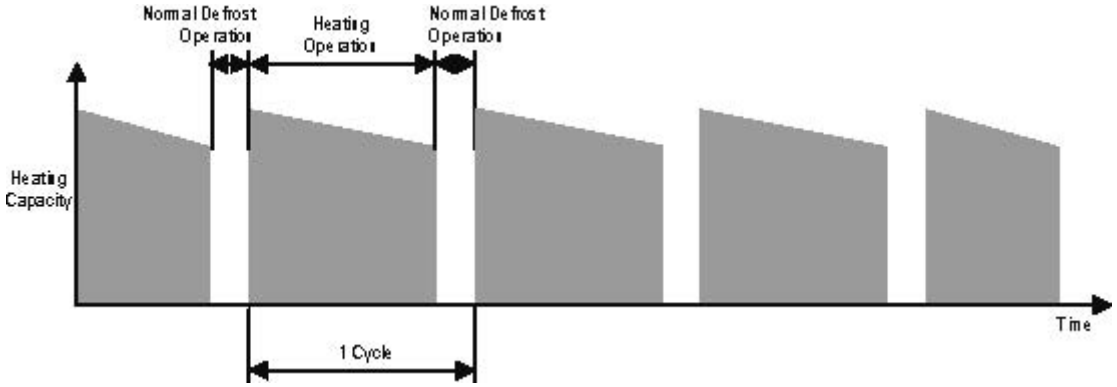
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

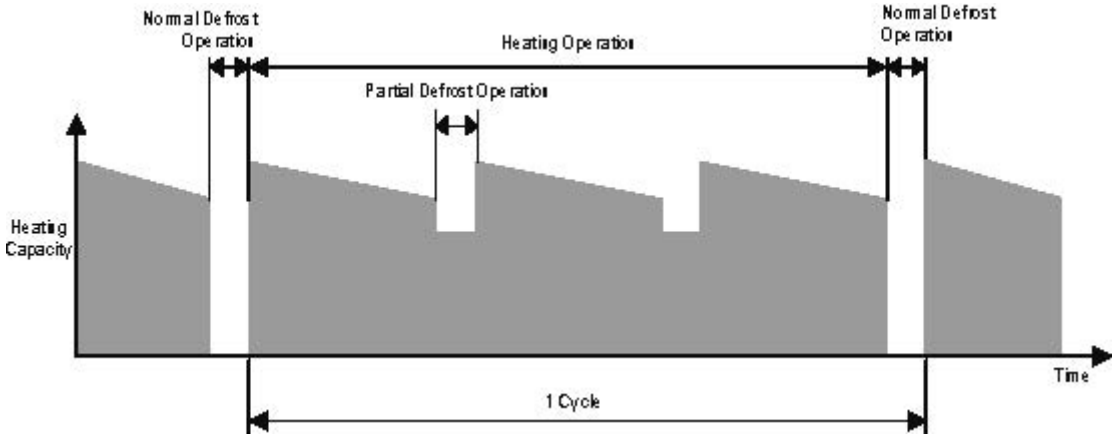
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



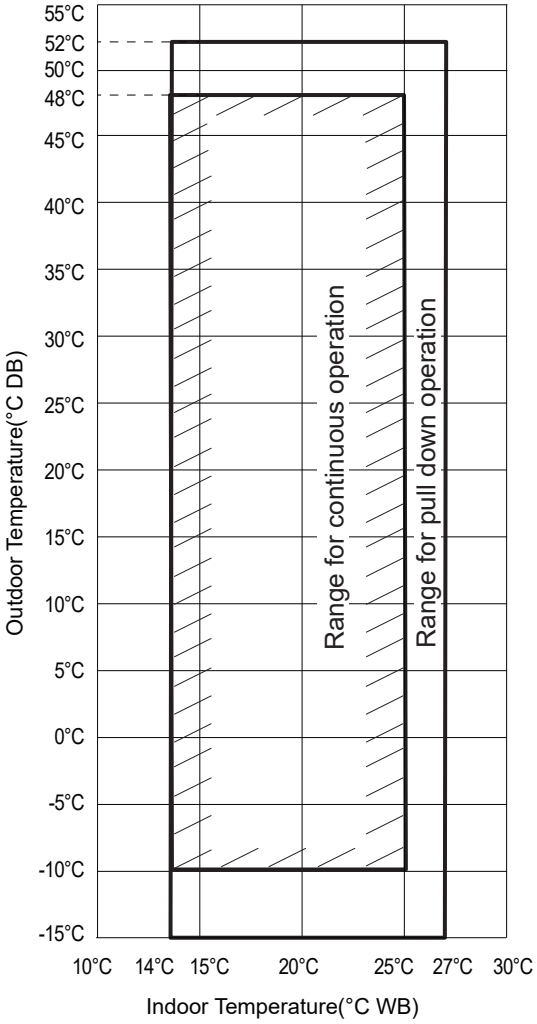
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

4.9 Operation Limits

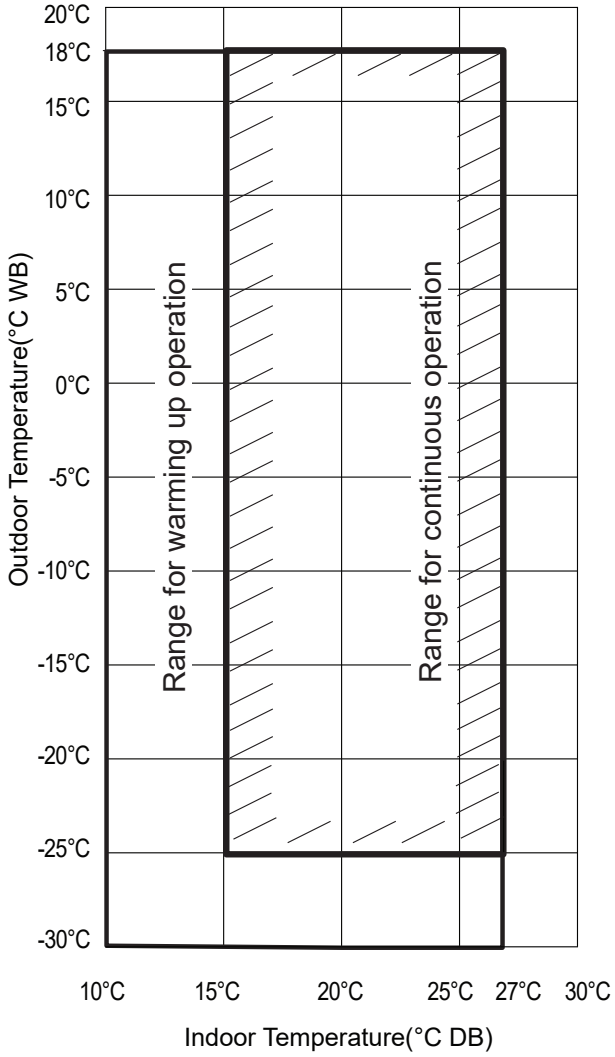
4.9.1 Cooling



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

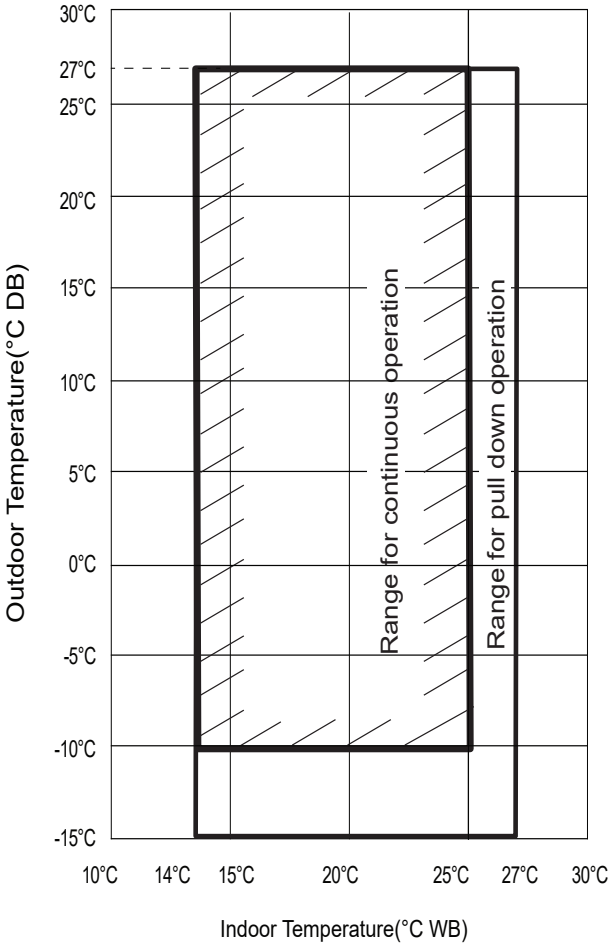
4.9.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

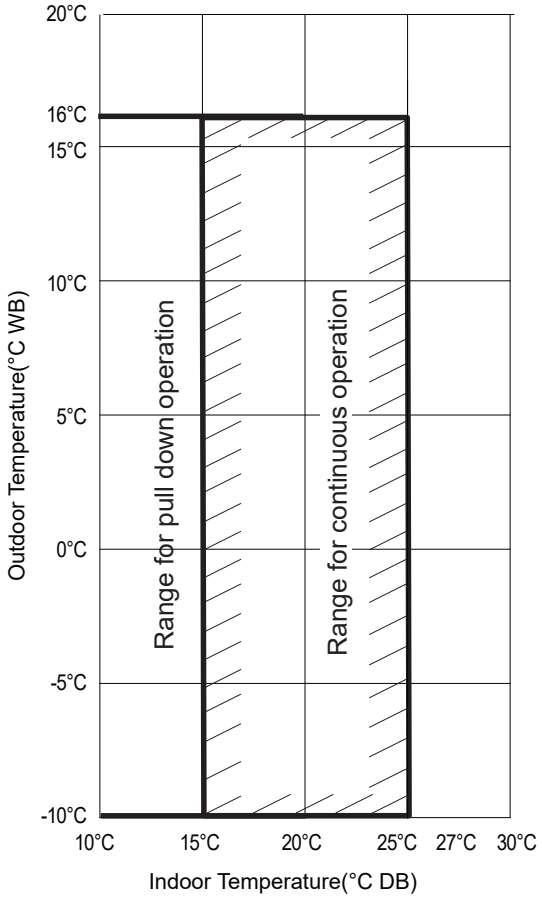
4.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

4.9.4 Simultaneous Operation (Heating)



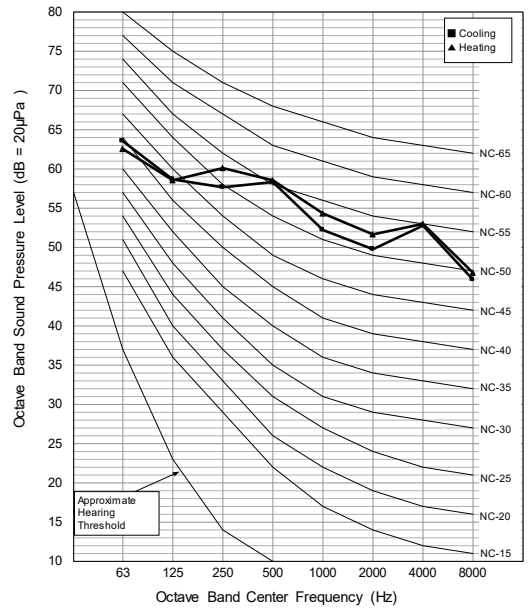
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

4. ARUM140LTE6

4.10 Sound Levels

4.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	63.6	58.6	57.7	58.4	52.2	49.8	52.8	45.9	*60.0*
Heating [dB]	62.5	58.5	60.1	58.6	54.3	51.6	53.0	46.7	*61.0*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	60.0	61.0	100	100
op4~op6, op11	59.0	59.0	95	95
op7~op9, op12	57.0	57.0	75	75

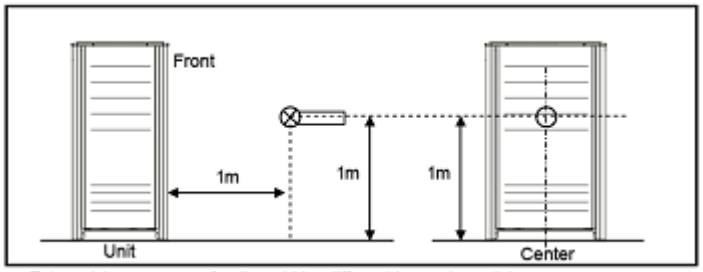
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	100
op3	60	100
op4	55	60
op5	50	40

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	60.0 / 61.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

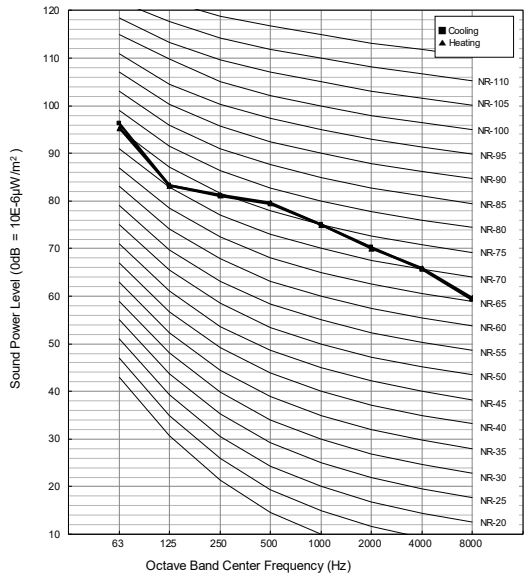
<Measurement Scene>



※ External Appearance of unit could be different by each model.

4. ARUM140LTE6

4.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	96.3	83.3	81.1	79.4	75.1	70.2	65.7	59.4	*81.0*
Heating [dB]	95.5	83.3	81.1	79.4	75.1	70.2	65.7	59.4	*81.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	82.0	81.0	100	100
op4~op6, op11	81.0	80.0	95	95
op7~op9, op12	79.0	79.0	75	75

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	81.0 / 81.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

5. ARUM160LTE6

5.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB
	Combination Unit (1)	-	ARUM160LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	25.24 - 23.98 - 23.11
	Running Current by Voltage (Heating,Rated)	A	16.48 - 15.65 - 15.09
Cooling Capacity	Rated	kW	44.8
		Btu/h	152,900
Heating Capacity	Rated	kW	44.8
		Btu/h	152,900
	Max	kW	50.4
		Btu/h	172,000
Power Input(Cooling)	Rated	kW	15.45
Power Input(Heating)	Rated	kW	10.09
Efficiency	EER(Rated)	W/W	2.90
	COP(Rated)	W/W	4.44
	SEER	Wh/Wh	7.97
	SCOP	Wh/Wh	5.46
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	320 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	900 x 2
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1
	Number of Revolution	rev./min	3,600
	Motor Output	W x No.	5,300 x 1
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	1
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,240 x 1,745 x 760
	Shipping(W x H x D)	mm	1,282 x 1,919 x 802
Weight	Net	kg	255
	Shipping	kg	265
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

5. ARUM160LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	13.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	27.138
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ12.7 (1/2)
	Gas	mm(inch)	Φ28.58 (1-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ22.2 (7/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	60.5 / 61.5
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	85.0 / 85.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	27.3
	Maximum Fuse Amperes (MFA)	A	32
	Total Over Current Amperes (TOCA)	A	30.0
	Comp_Maximum Starting Current (MSC)	A	5.9
	Comp_Rated Load Amperes (Cooling)	A	22.7
	Comp_Rated Load Amperes (Heating)	A	14.0
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	2.5
Connectable indoor units number	Max. (Conditional)	Units	26(40)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

5. ARUM160LTE6

5.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

5. ARUM160LTE6

5.3 Accessory Compatibility List

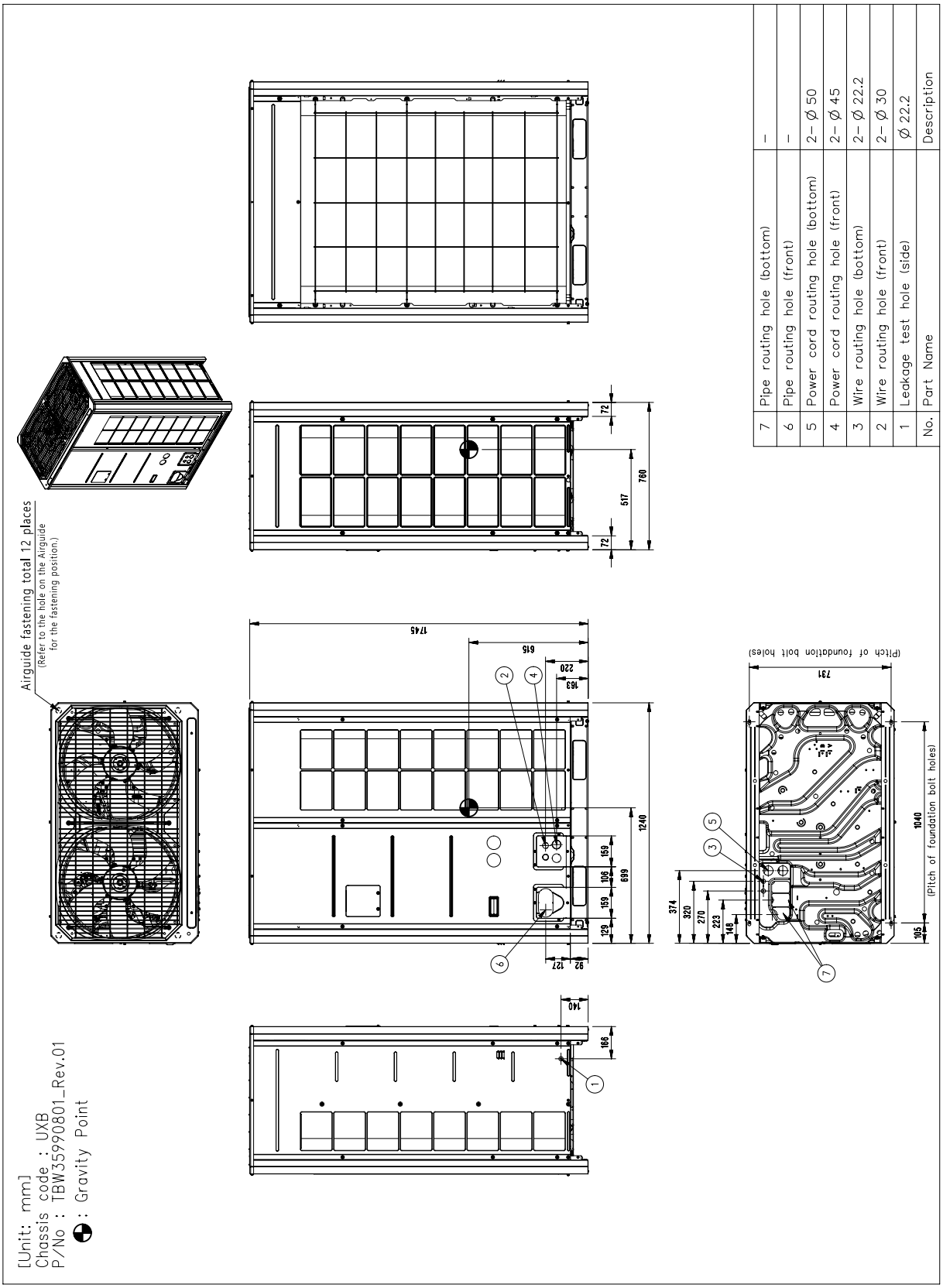
Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

5. ARUM160LTE6

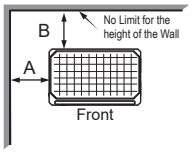
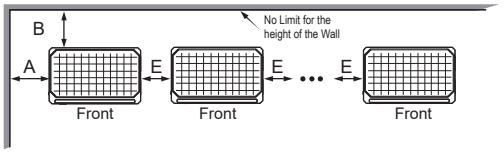
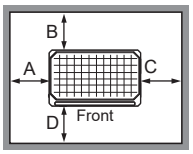
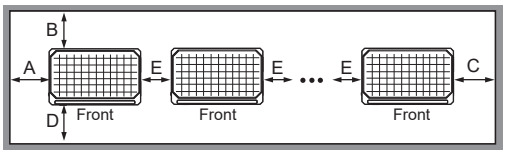
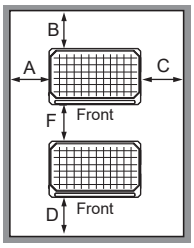
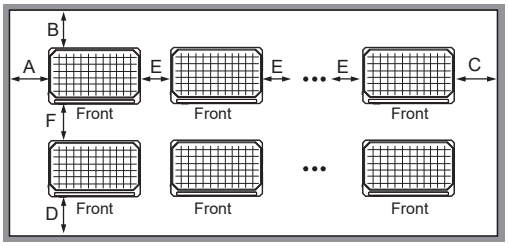
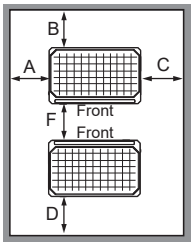
5.4 Dimensions



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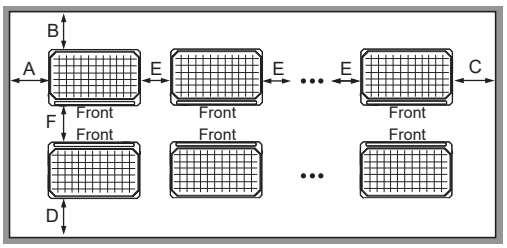
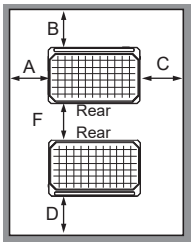
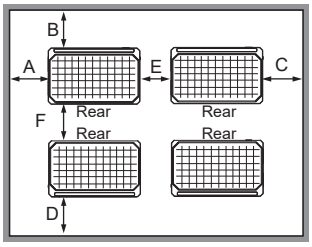
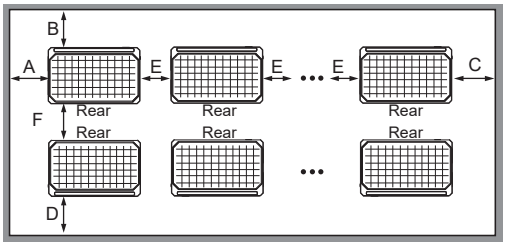
5.4.2 Installation Space

[Unit : mm(inch)]

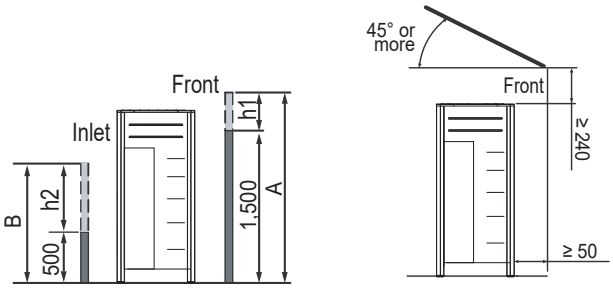
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

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[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

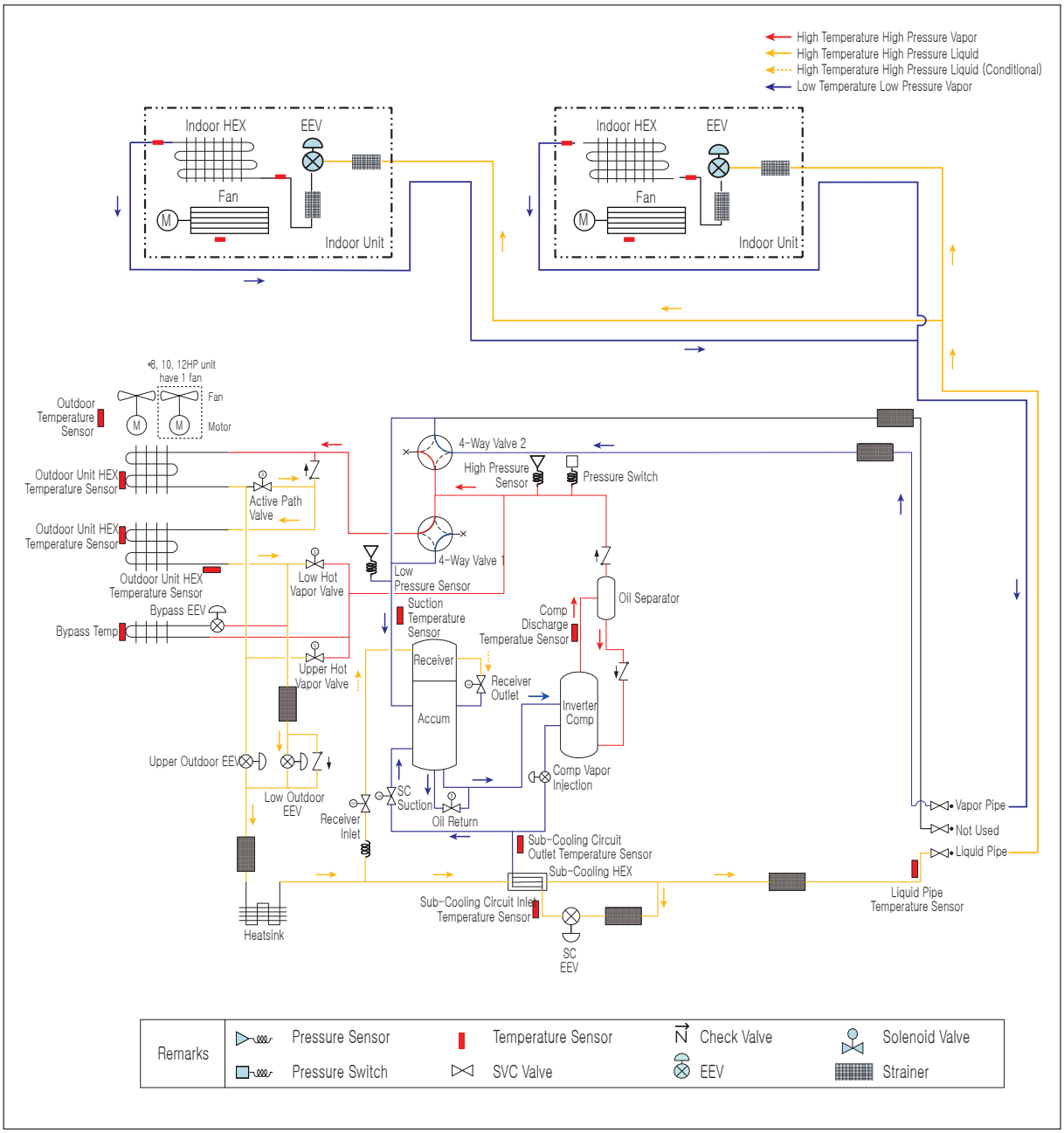
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

5. ARUM160LTE6

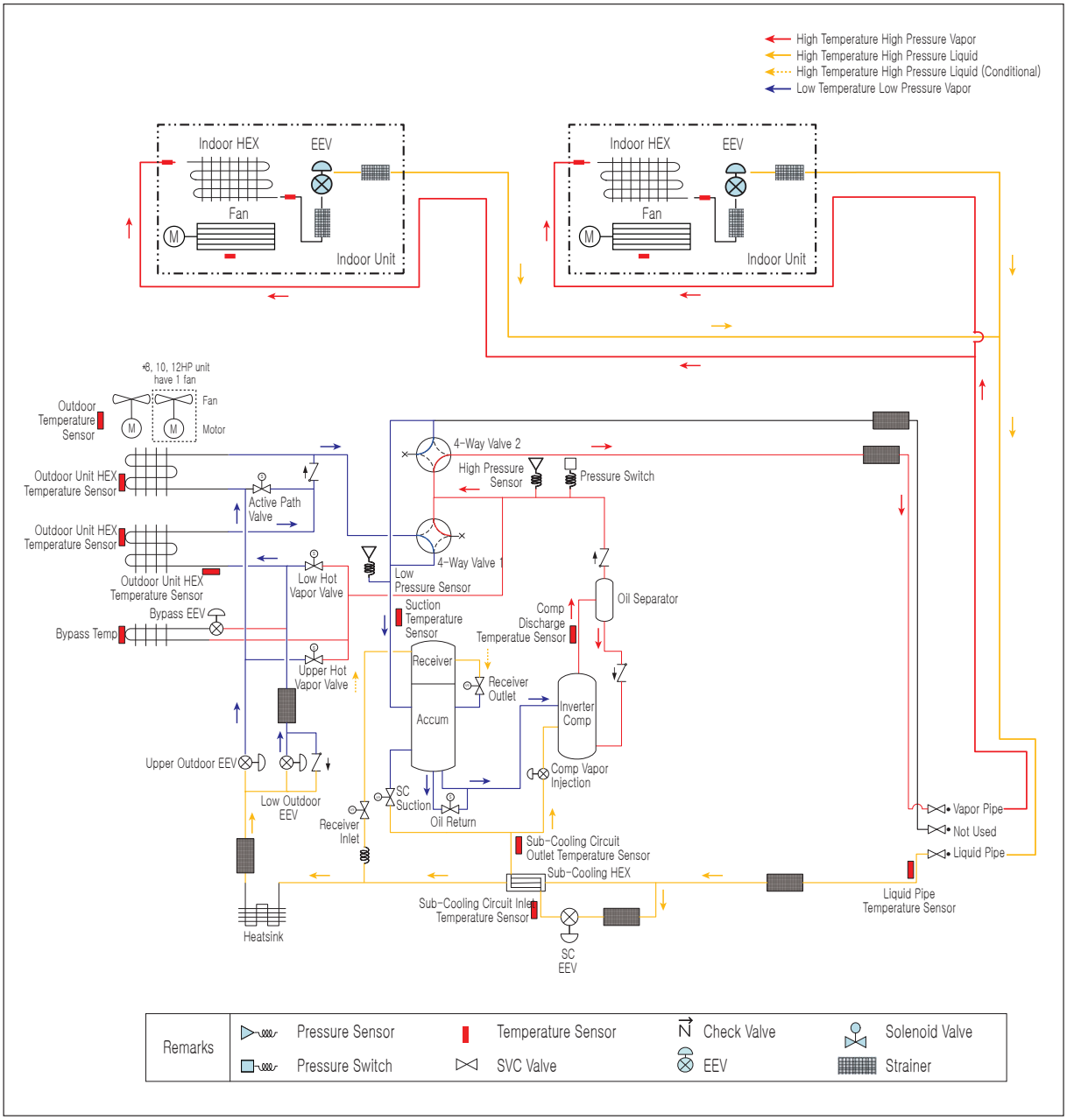
5.5 Piping Diagrams

5.5.1 Heat Pump : Cooling



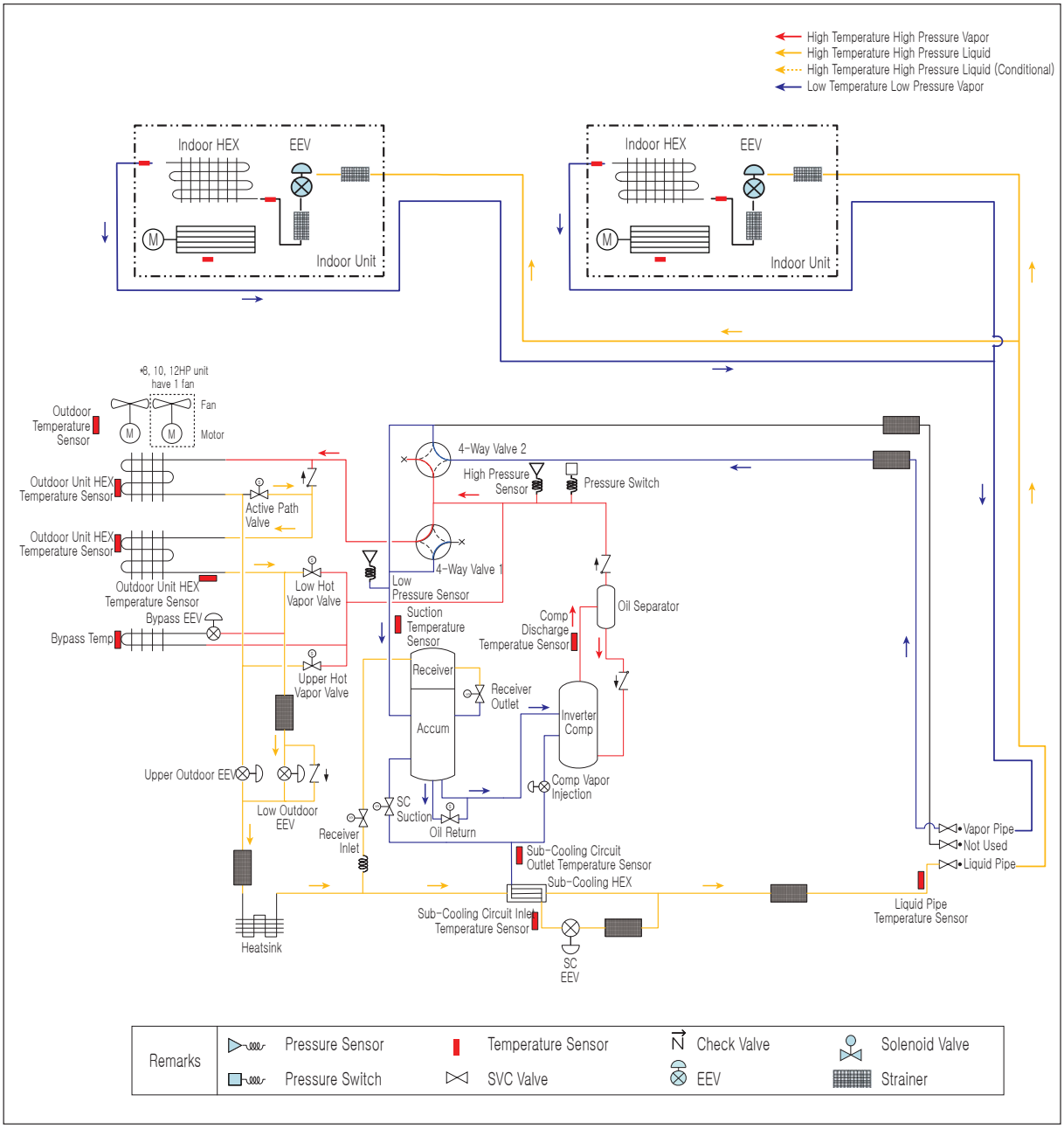
5. ARUM160LTE6

5.5.2 Heat Pump : Heating

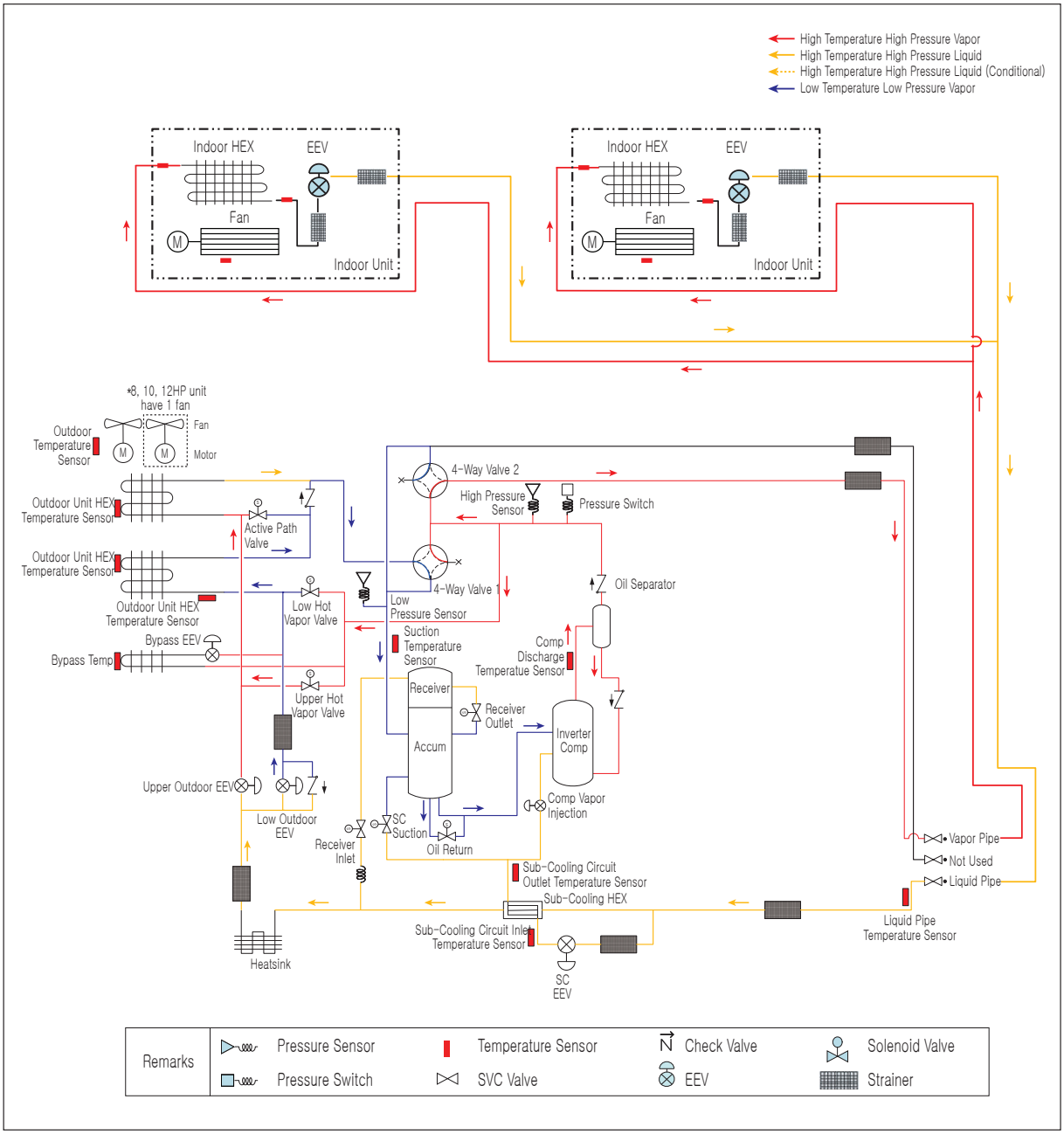


5. ARUM160LTE6

5.5.3 Heat Pump : Defrost / Oil Return

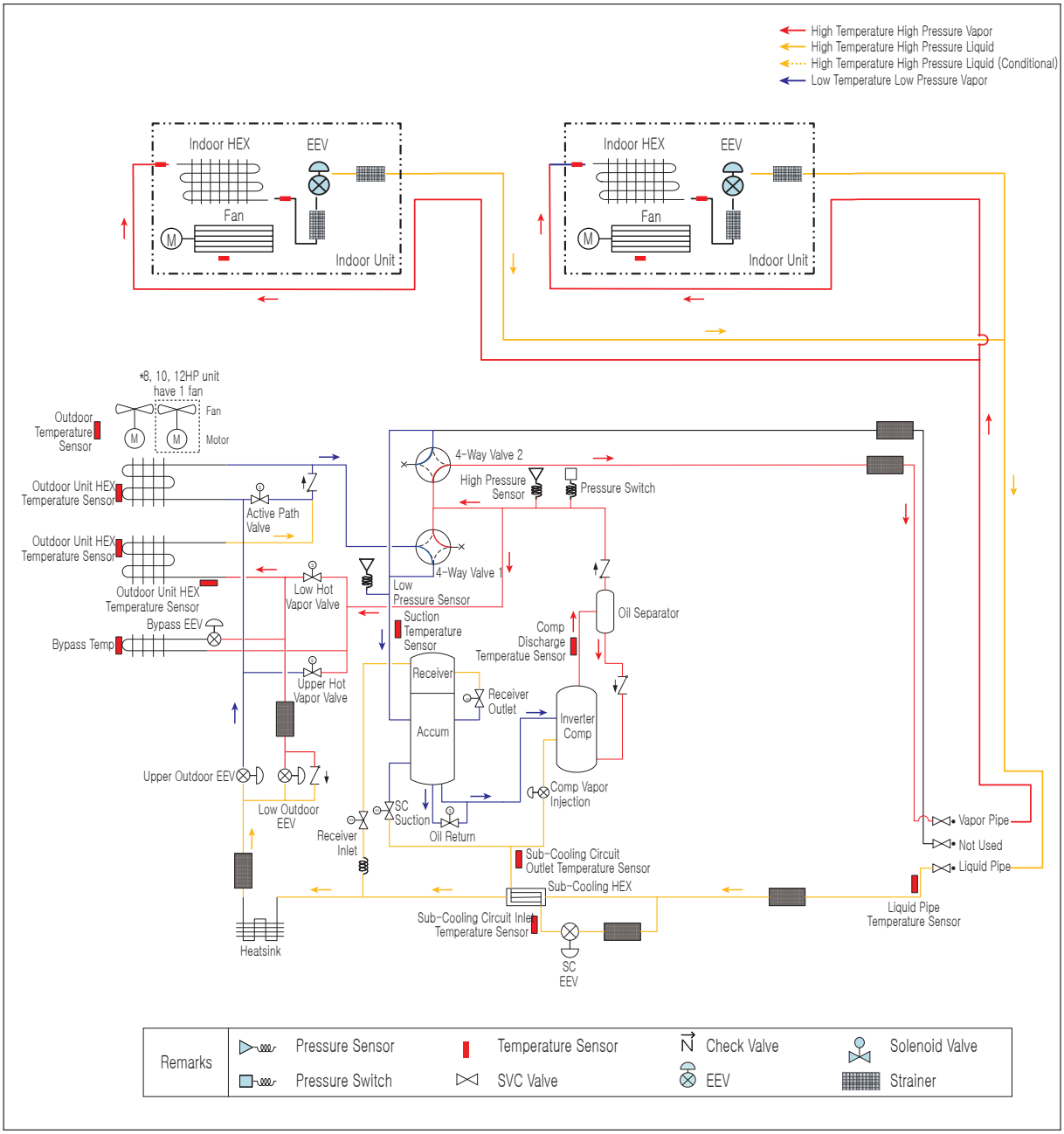


5.5.4 Heat Pump : Upper HEX Defrost



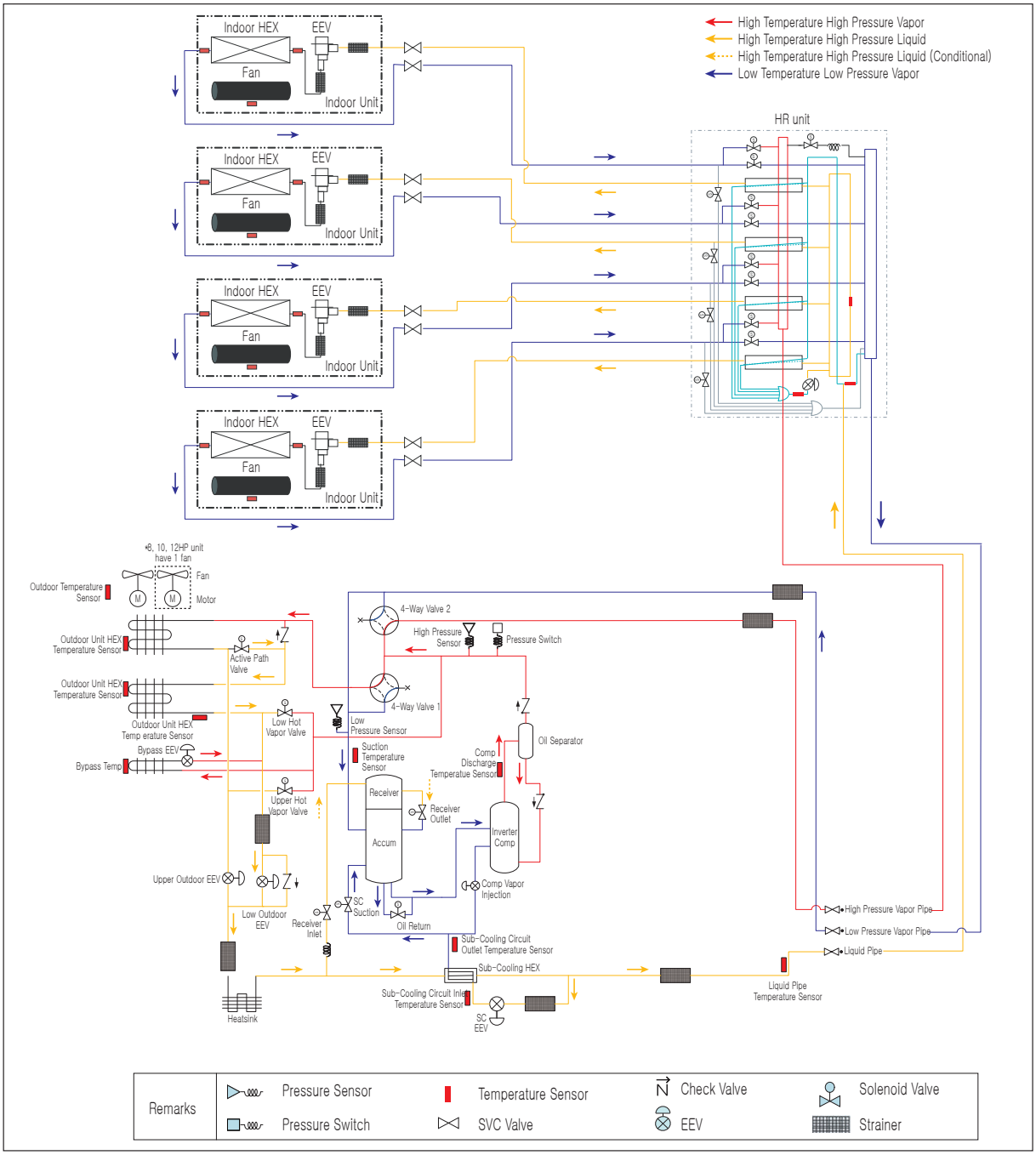
5. ARUM160LTE6

5.5.5 Heat Pump : Lower HEX Defrost



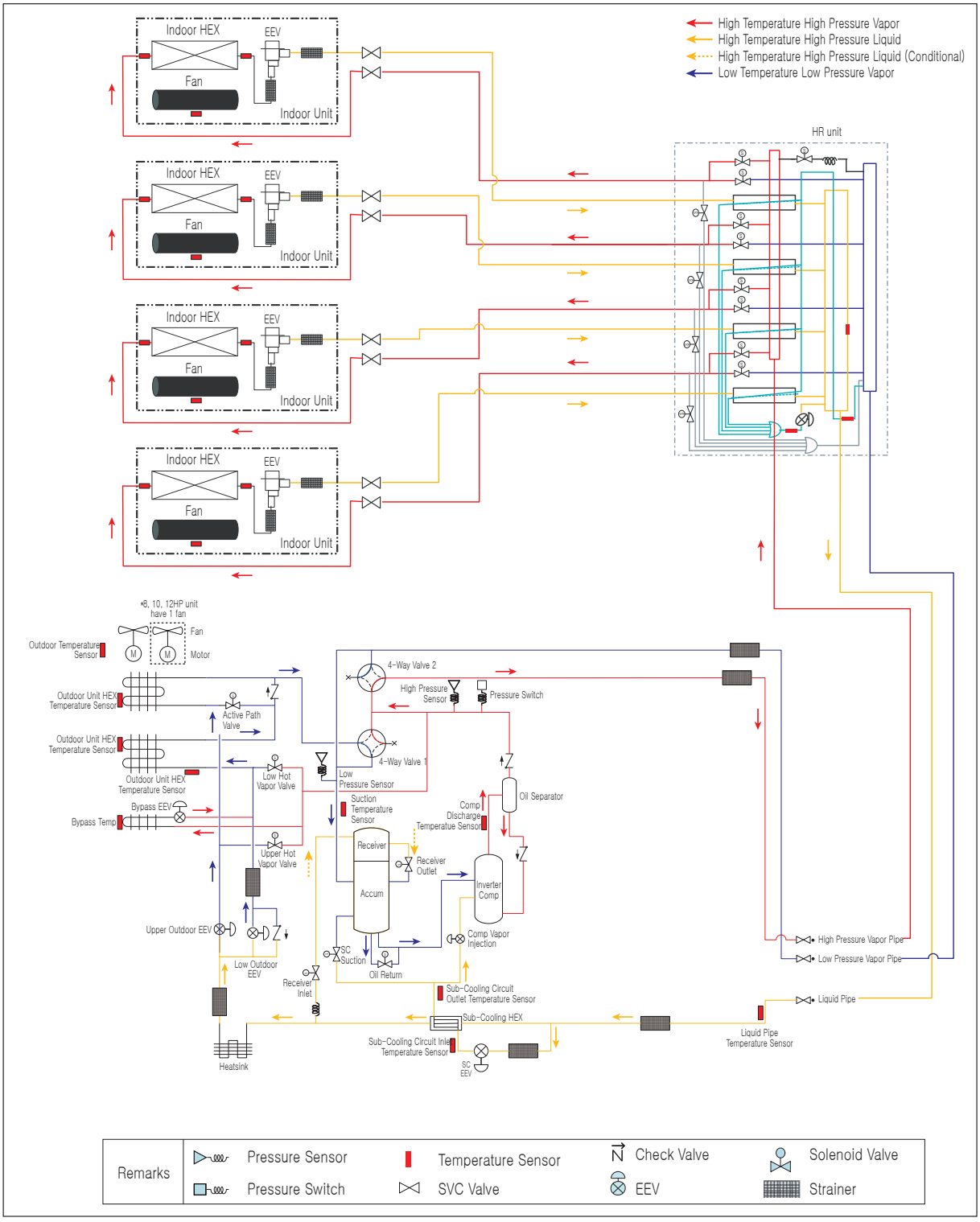
5. ARUM160LTE6

5.5.6 Heat Recovery : Cooling



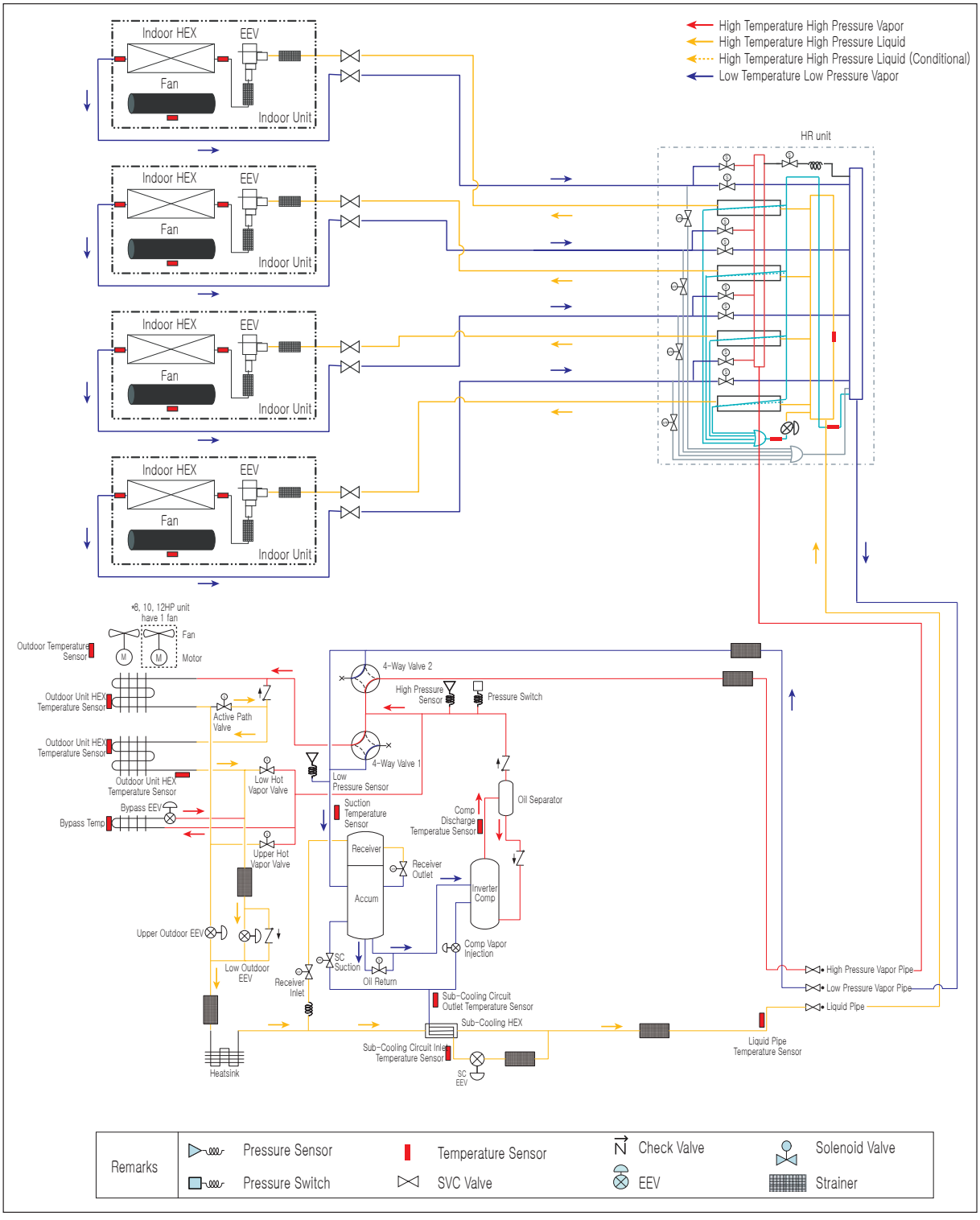
5. ARUM160LTE6

5.5.7 Heat Recovery : Heating



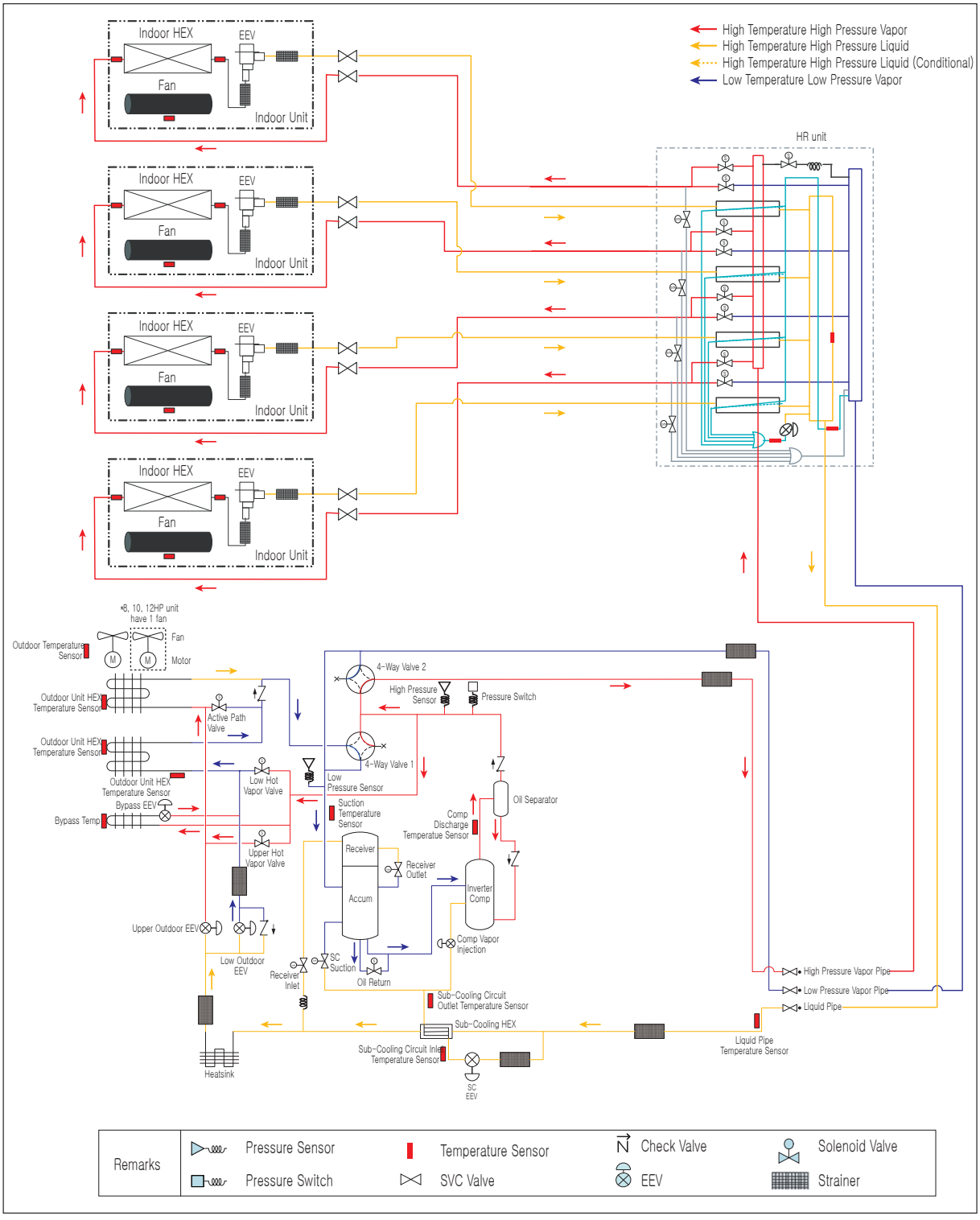
5. ARUM160LTE6

5.5.8 Heat Recovery : Defrost / Oil Return



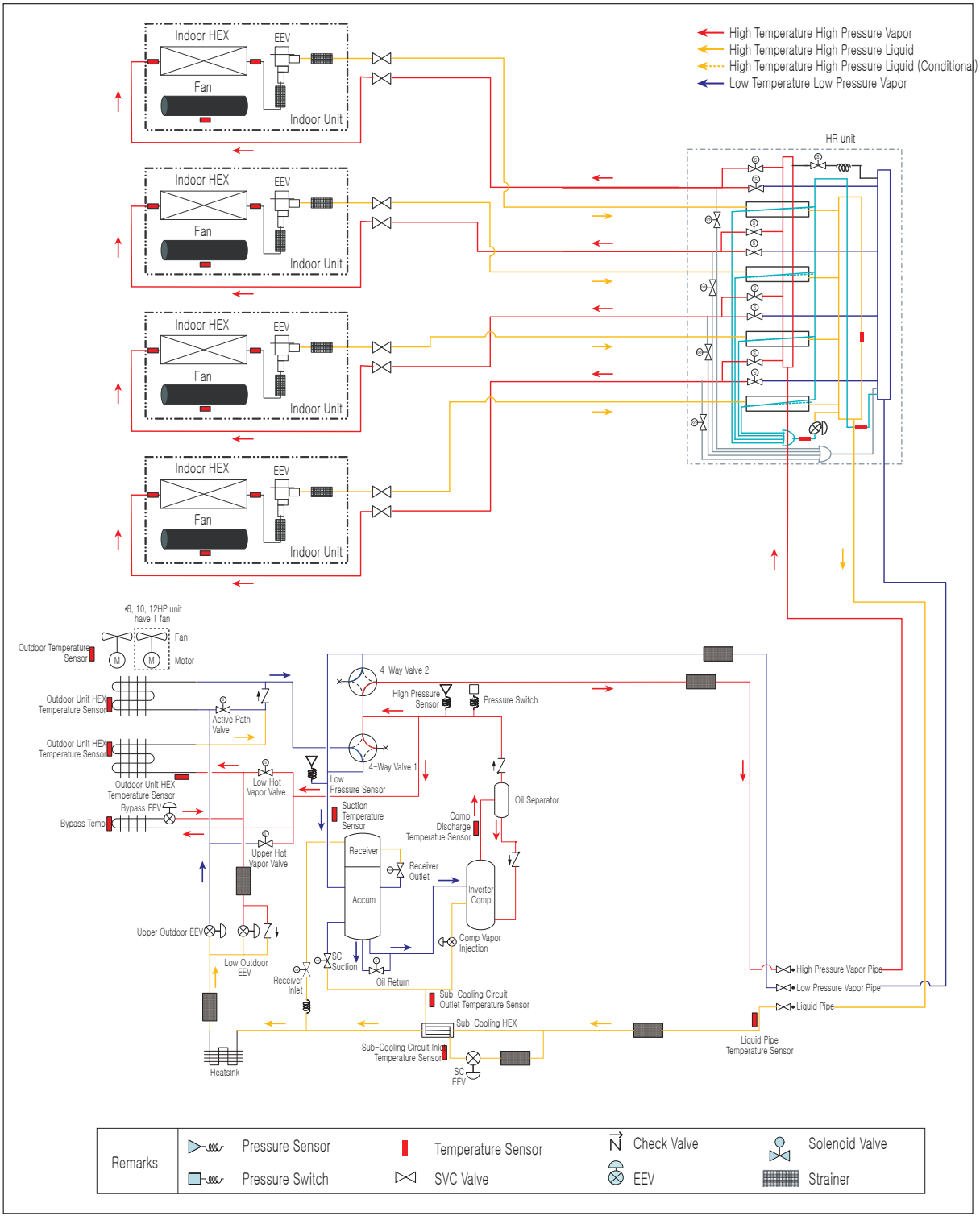
5. ARUM160LTE6

5.5.9 Heat Recovery : Upper HEX Defrost

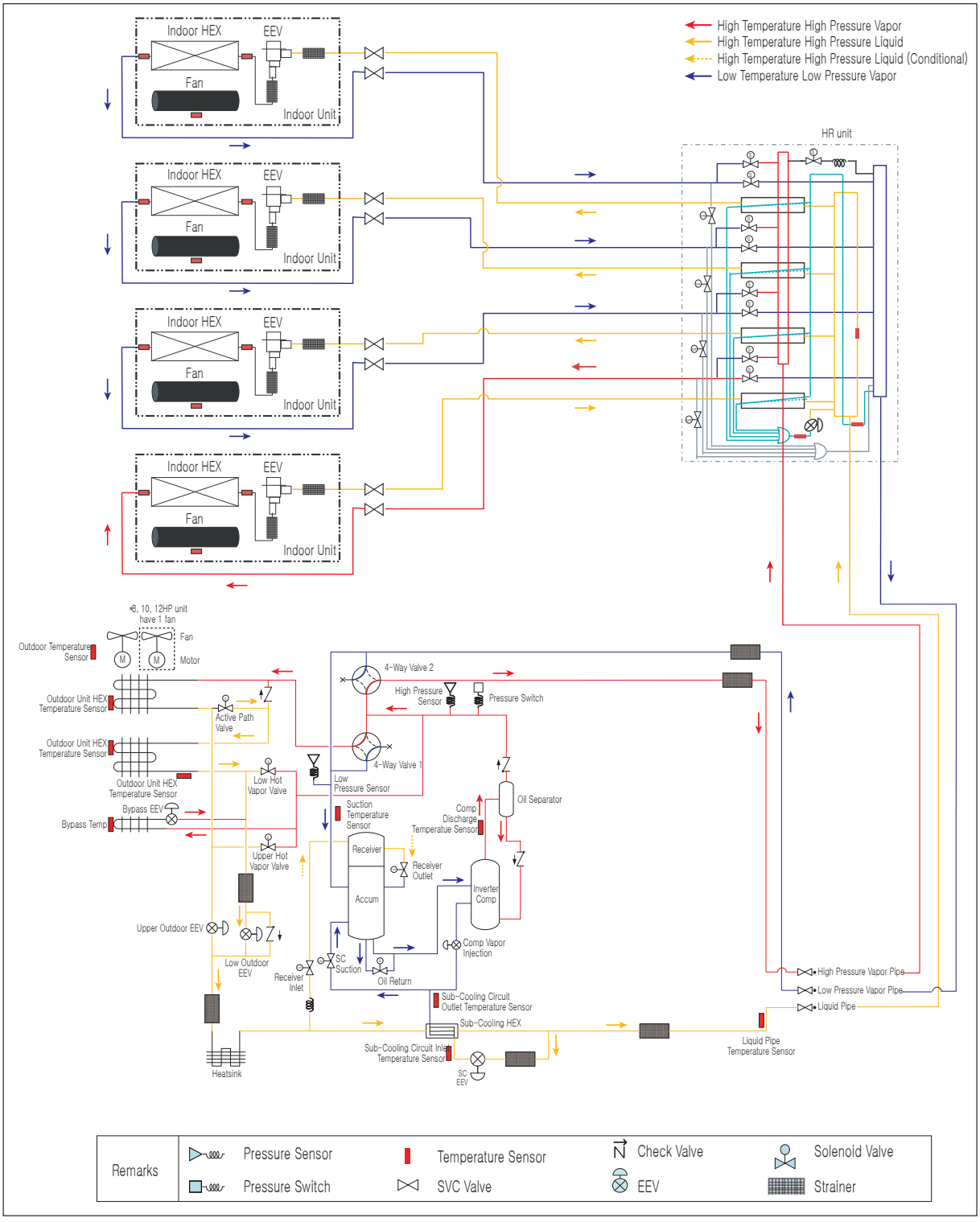


5. ARUM160LTE6

5.5.10 Heat Recovery : Lower HEX Defrost

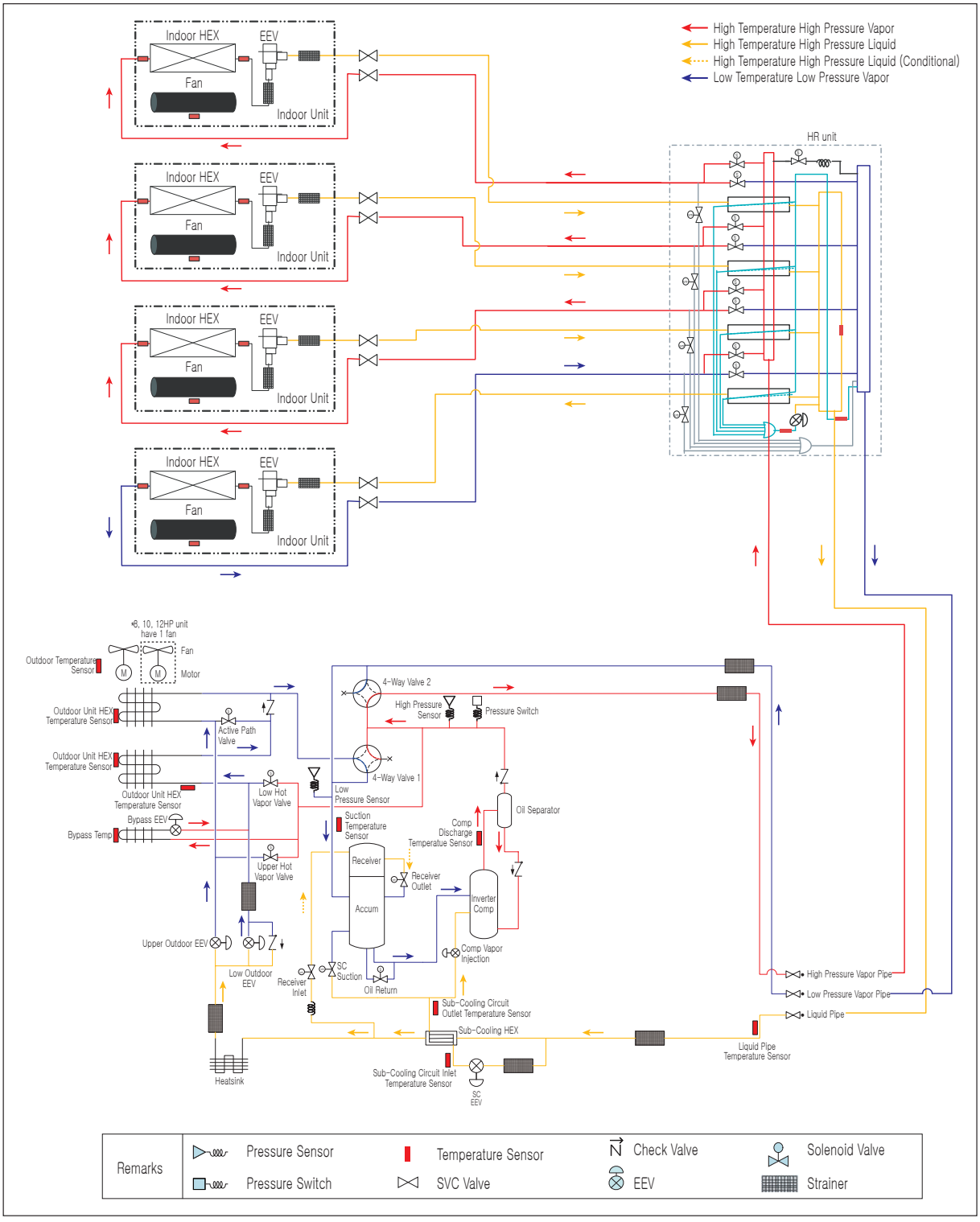


5.5.11 Heat Recovery : Cooling-based Simultaneous Operation

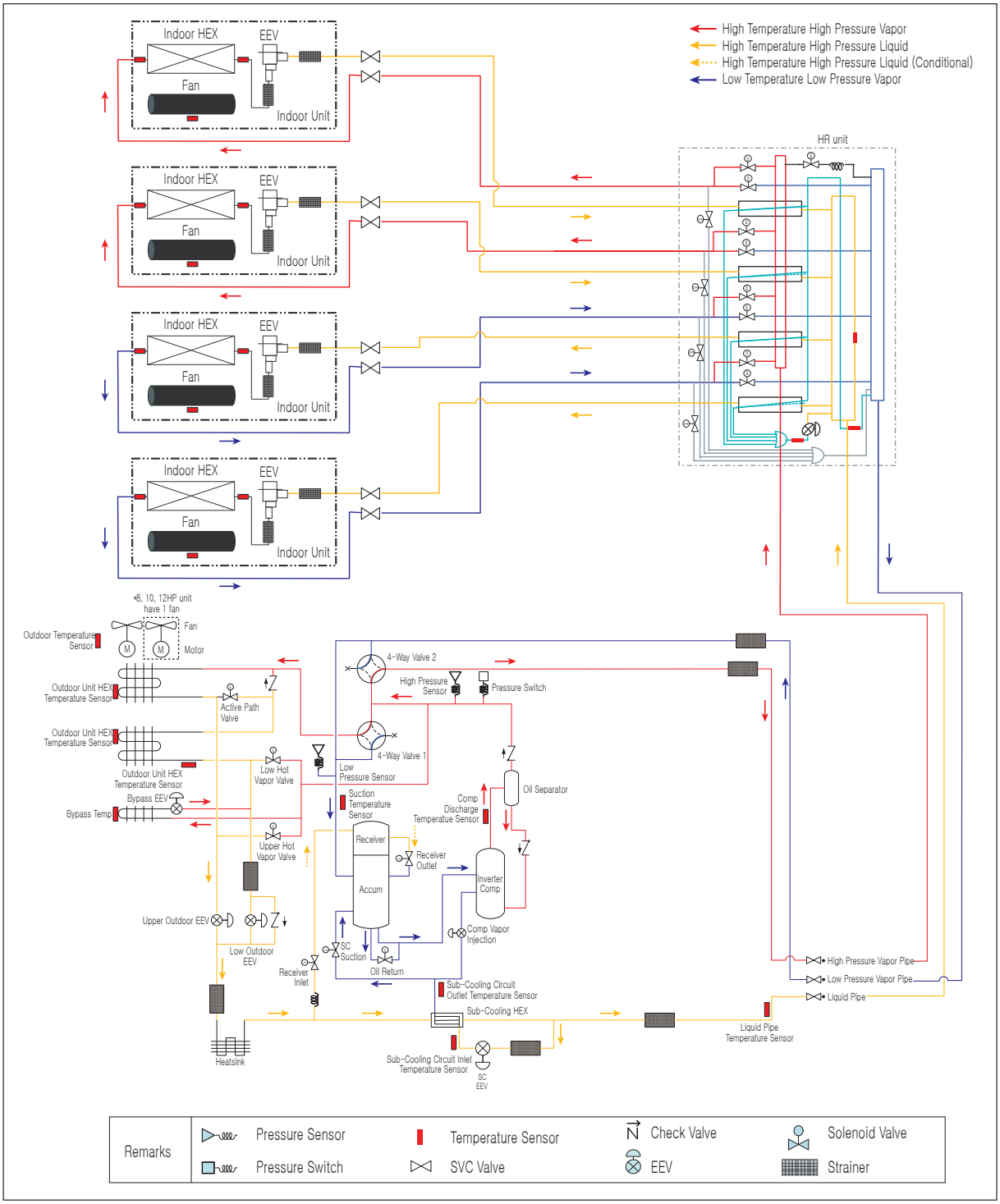


5. ARUM160LTE6

5.5.12 Heat Recovery : Heating-based Simultaneous Operation

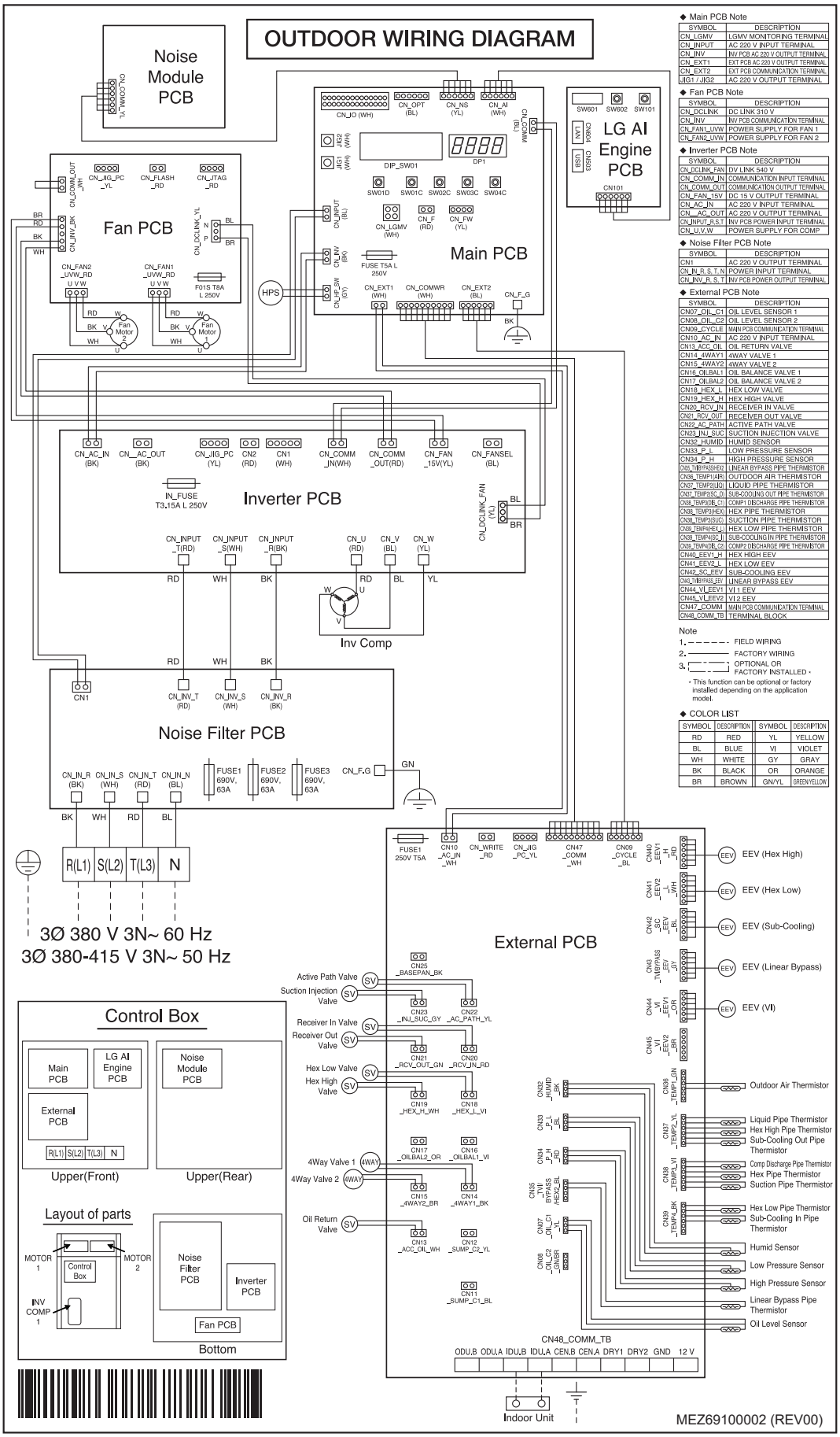


5.5.13 Heat Recovery : Balanced Simultaneous Operation



5. ARUM160LTE6

5.6 Wiring Diagrams



5. ARUM160LTE6

5.7 Capacity Tables

5.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	35.00	3.98	44.20	5.92	54.10	8.81	58.20	10.30	62.50	12.21	63.70	12.32	64.70	12.41
	12	35.00	4.35	44.20	6.45	54.10	9.37	58.20	10.79	62.40	12.45	63.60	12.57	64.60	12.67
	14	35.00	4.76	44.20	7.03	54.10	9.98	58.20	11.34	62.30	12.75	63.40	12.87	64.40	12.98
	16	35.00	5.20	44.20	7.67	54.10	10.63	58.20	11.94	62.00	13.10	63.20	13.24	64.10	13.36
	18	35.00	5.69	44.20	8.36	54.10	11.33	58.20	12.59	61.70	13.54	62.90	13.69	63.80	13.82
	20	35.00	6.23	44.20	9.11	54.10	12.09	58.20	13.30	61.30	14.05	62.50	14.22	63.40	14.36
	21	35.00	6.51	44.20	9.51	54.10	12.50	58.20	13.68	61.10	14.34	62.20	14.51	63.20	14.65
	23	35.00	7.13	44.20	10.37	54.10	13.33	58.20	14.24	60.60	14.61	61.80	14.74	62.70	14.85
	25	35.00	7.79	44.20	11.23	54.10	13.80	58.20	14.63	60.10	14.87	61.20	15.02	62.10	15.14
	27	35.00	8.52	44.20	11.79	54.10	14.31	58.20	15.07	59.50	15.22	60.60	15.38	61.50	15.51
	29	35.00	9.06	44.20	12.37	54.10	14.87	57.60	15.48	58.80	15.66	60.00	15.82	60.90	15.96
	31	35.00	9.60	44.20	12.98	54.10	15.50	56.90	15.98	58.10	16.17	59.20	16.34	60.10	16.49
	33	35.00	10.19	44.20	13.64	54.10	16.20	56.20	16.56	57.40	16.76	58.50	16.94	59.40	17.10
	35	35.00	10.81	44.20	14.34	54.10	16.99	55.40	17.21	56.60	17.42	57.70	17.62	58.60	17.79
	37	35.00	11.49	44.20	15.10	53.50	17.76	54.50	17.94	55.70	18.17	56.80	18.38	57.70	18.56
	39	35.00	12.21	44.20	15.93	52.60	18.55	53.70	18.75	54.90	18.98	55.90	19.21	56.80	19.39
	41	35.00	13.00	44.20	16.85	49.60	18.80	49.60	18.81	49.50	18.80	49.50	18.80	49.50	18.80
	43	35.00	13.85	44.20	17.87	45.70	18.49	45.70	18.49	45.70	18.49	45.60	18.49	45.70	18.51
	46	35.00	15.31	40.10	17.72	40.00	17.71	40.00	17.72	40.00	17.70	40.00	17.71	40.00	17.71
	48	35.00	16.36	36.40	17.07	36.40	17.06	36.40	17.05	36.40	17.05	36.40	17.07	36.30	17.03
	50	33.00	16.17	33.00	16.17	33.00	16.15	32.90	16.13	33.00	16.16	33.00	16.16	32.90	16.13
	52	29.80	14.95	29.70	14.93	29.70	14.92	29.70	14.94	29.70	14.91	29.70	14.91	29.70	14.91
120	10	32.30	3.59	40.80	5.09	49.90	7.55	53.70	8.71	58.10	10.23	61.70	11.86	63.10	12.26
	12	32.30	3.91	40.80	5.56	49.90	8.12	53.70	9.27	58.10	10.73	61.70	12.21	63.00	12.50
	14	32.30	4.26	40.80	6.07	49.90	8.73	53.70	9.88	58.10	11.28	61.70	12.62	62.80	12.80
	16	32.30	4.65	40.80	6.64	49.90	9.39	53.70	10.53	58.10	11.89	61.70	13.07	62.60	13.17
	18	32.30	5.08	40.80	7.25	49.90	10.09	53.70	11.24	58.10	12.54	61.40	13.50	62.30	13.61
	20	32.30	5.56	40.80	7.93	49.90	10.85	53.70	12.00	58.10	13.26	61.00	14.01	61.90	14.13
	21	32.30	5.81	40.80	8.28	49.90	11.26	53.70	12.40	58.10	13.64	60.80	14.30	61.70	14.43
	23	32.30	6.36	40.80	9.05	49.90	12.11	53.70	13.25	58.10	14.21	60.30	14.58	61.20	14.67
	25	32.30	6.95	40.80	9.88	49.90	12.78	53.70	13.72	58.10	14.60	59.80	14.84	60.70	14.95
	27	32.30	7.60	40.80	10.60	49.90	13.32	53.70	14.24	58.10	15.04	59.20	15.19	60.10	15.31
	29	32.30	8.15	40.80	11.22	49.90	13.91	53.70	14.81	57.60	15.48	58.60	15.62	59.50	15.75
	31	32.30	8.65	40.80	11.89	49.90	14.54	53.70	15.43	56.90	15.98	57.90	16.14	58.80	16.27
	33	32.30	9.18	40.80	12.61	49.90	15.23	53.70	16.14	56.20	16.56	57.20	16.73	58.10	16.87
	35	32.30	9.74	40.80	13.28	49.90	15.99	53.70	16.93	55.40	17.22	56.40	17.40	57.30	17.55
	37	32.30	10.34	40.80	13.99	49.90	16.84	53.40	17.75	54.60	17.95	55.60	18.14	56.40	18.30
	39	32.30	10.98	40.80	14.76	49.90	17.81	52.60	18.54	53.70	18.76	54.80	18.96	55.60	19.13
	41	32.30	11.68	40.80	15.59	49.60	18.80	49.60	18.80	49.50	18.79	49.50	18.80	49.50	18.80
	43	32.30	12.43	40.80	16.49	45.70	18.50	45.70	18.49	45.70	18.49	45.70	18.50	45.60	18.48
	46	32.30	13.67	40.10	17.71	40.00	17.69	40.00	17.70	40.00	17.70	40.00	17.72	40.00	17.71
	48	32.30	14.61	36.40	17.06	36.40	17.07	36.40	17.06	36.40	17.06	36.40	17.06	36.40	17.04
	50	32.30	15.65	33.00	16.13	32.90	16.13	32.90	16.14	33.00	16.15	32.60	15.89	32.90	16.13
	52	29.80	14.97	29.80	14.96	29.70	14.92	29.70	14.92	29.70	14.93	29.70	14.93	29.70	14.92
110	10	29.60	3.25	37.40	4.39	45.70	6.36	49.30	7.37	53.20	8.54	56.60	9.68	59.20	10.71
	12	29.60	3.53	37.40	4.81	45.70	6.92	49.30	7.94	53.20	9.11	56.60	10.21	59.20	11.17
	14	29.60	3.83	37.40	5.26	45.70	7.53	49.30	8.55	53.20	9.72	56.60	10.79	59.20	11.69

5. ARUM160LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	29.60	4.17	37.40	5.75	45.70	8.19	49.30	9.20	53.20	10.37	56.60	11.42	59.20	12.27
	18	29.60	4.55	37.40	6.29	45.70	8.90	49.30	9.91	53.20	11.08	56.60	12.10	59.20	12.90
	20	29.60	4.96	37.40	6.88	45.70	9.64	49.30	10.67	53.20	11.85	56.60	12.84	59.20	13.58
	21	29.60	5.18	37.40	7.20	45.70	10.02	49.30	11.07	53.20	12.25	56.60	13.23	59.20	13.95
	23	29.60	5.66	37.40	7.87	45.70	10.84	49.30	11.92	53.20	13.11	56.60	13.91	59.20	14.43
	25	29.60	6.18	37.40	8.61	45.70	11.67	49.30	12.61	53.20	13.60	56.60	14.34	59.10	14.76
	27	29.60	6.76	37.40	9.36	45.70	12.22	49.30	13.16	53.20	14.12	56.60	14.81	58.50	15.10
	29	29.60	7.31	37.40	9.91	45.70	12.80	49.30	13.74	53.20	14.70	56.60	15.34	57.90	15.53
	31	29.60	7.76	37.40	10.51	45.70	13.42	49.30	14.38	53.20	15.32	56.50	15.92	57.30	16.04
	33	29.60	8.23	37.40	11.15	45.70	14.09	49.30	15.06	53.20	16.03	55.80	16.50	56.60	16.63
	35	29.60	8.73	37.40	11.83	45.70	14.81	49.30	15.82	53.20	16.81	55.00	17.16	55.80	17.29
	37	29.60	9.27	37.40	12.57	45.70	15.59	49.30	16.66	53.20	17.71	54.30	17.89	55.00	18.04
	39	29.60	9.84	37.40	13.38	45.70	16.46	49.30	17.61	52.40	18.52	53.40	18.70	54.20	18.85
	41	29.60	10.46	37.40	14.26	45.70	17.42	49.30	18.69	49.60	18.81	49.50	18.80	49.50	18.80
	43	29.60	11.12	37.40	15.14	45.70	18.49	45.70	18.50	45.70	18.49	45.70	18.51	45.70	18.51
	46	29.60	12.20	37.40	16.49	40.00	17.71	40.00	17.71	40.00	17.71	40.00	17.72	40.00	17.72
	48	29.60	13.00	36.40	17.04	36.40	17.04	36.40	17.05	36.40	17.05	36.40	17.05	36.40	17.05
	50	29.60	13.87	33.00	16.16	33.00	16.14	33.00	16.15	32.90	16.13	32.90	16.12	32.90	16.14
	52	29.60	14.84	29.90	15.03	29.70	14.93	29.70	14.95	29.70	14.93	29.70	14.92	29.70	14.94
100	10	26.90	2.97	34.00	3.83	41.60	5.27	44.80	6.09	48.40	7.14	51.40	8.00	53.90	8.74
	12	26.90	3.20	34.00	4.18	41.60	5.76	44.80	6.63	48.40	7.70	51.40	8.57	53.90	9.31
	14	26.90	3.46	34.00	4.56	41.60	6.29	44.80	7.22	48.40	8.30	51.40	9.18	53.90	9.91
	16	26.90	3.75	34.00	4.99	41.60	6.87	44.80	7.87	48.40	8.95	51.40	9.84	53.90	10.57
	18	26.90	4.07	34.00	5.46	41.60	7.50	44.80	8.57	48.40	9.65	51.40	10.55	53.90	11.27
	20	26.90	4.43	34.00	5.97	41.60	8.19	44.80	9.33	48.40	10.41	51.40	11.32	53.90	12.03
	21	26.90	4.62	34.00	6.24	41.60	8.56	44.80	9.74	48.40	10.80	51.40	11.72	53.90	12.44
	23	26.90	5.03	34.00	6.83	41.60	9.35	44.80	10.55	48.40	11.65	51.40	12.58	53.90	13.28
	25	26.90	5.49	34.00	7.47	41.60	10.21	44.80	11.41	48.40	12.38	51.40	13.17	53.90	13.75
	27	26.90	5.99	34.00	8.17	41.60	10.91	44.80	11.96	48.40	12.93	51.40	13.71	53.90	14.26
	29	26.90	6.53	34.00	8.71	41.60	11.55	44.80	12.54	48.40	13.52	51.40	14.29	53.90	14.83
	31	26.90	6.92	34.00	9.24	41.60	12.23	44.80	13.15	48.40	14.15	51.40	14.92	53.90	15.46
	33	26.90	7.35	34.00	9.80	41.60	12.86	44.80	13.81	48.40	14.83	51.40	15.62	53.90	16.16
	35	26.90	7.79	34.00	10.40	41.60	13.53	44.80	14.52	48.40	15.58	51.40	16.40	53.90	16.95
	37	26.90	8.27	34.00	11.05	41.60	14.26	44.80	15.29	48.40	16.40	51.40	17.27	53.50	17.76
	39	26.90	8.78	34.00	11.74	41.60	15.04	44.80	16.13	48.40	17.33	51.40	18.27	52.70	18.56
	41	26.90	9.32	34.00	12.49	41.60	15.88	44.80	17.07	48.40	18.38	49.60	18.80	49.60	18.80
	43	26.90	9.90	34.00	13.30	41.60	16.82	44.80	18.12	45.70	18.51	45.70	18.49	45.70	18.49
	46	26.90	10.85	34.00	14.68	40.00	17.71	40.00	17.69	40.00	17.72	40.00	17.72	40.00	17.69
	48	26.90	11.54	34.00	15.72	36.40	17.06	36.40	17.06	36.40	17.05	36.40	17.05	36.40	17.05
	50	26.90	12.29	33.00	16.17	33.00	16.17	33.00	16.17	33.00	16.15	33.00	16.15	33.00	16.15
	52	26.90	13.10	29.80	14.95	29.60	14.86	29.70	14.94	29.70	14.92	29.70	14.92	29.70	14.91
90	10	24.20	2.54	30.60	3.37	37.40	4.40	40.30	4.98	43.50	5.75	46.30	6.53	48.50	7.16
	12	24.20	2.93	30.60	3.66	37.40	4.81	40.30	5.44	43.50	6.27	46.30	7.10	48.50	7.72
	14	24.20	3.14	30.60	3.98	37.40	5.27	40.30	5.95	43.50	6.84	46.30	7.72	48.50	8.32
	16	24.20	3.38	30.60	4.34	37.40	5.76	40.30	6.51	43.50	7.46	46.30	8.38	48.50	8.97
	18	24.20	3.65	30.60	4.73	37.40	6.30	40.30	7.11	43.50	8.14	46.30	9.06	48.50	9.68
	20	24.20	3.95	30.60	5.17	37.40	6.90	40.30	7.77	43.50	8.88	46.30	9.80	48.50	10.43
	21	24.20	4.12	30.60	5.40	37.40	7.21	40.30	8.13	43.50	9.27	46.30	10.19	48.50	10.83
	23	24.20	4.47	30.60	5.90	37.40	7.89	40.30	8.88	43.50	10.11	46.30	11.01	48.50	11.67
	25	24.20	4.86	30.60	6.45	37.40	8.63	40.30	9.70	43.50	11.03	46.30	11.83	48.50	12.41
	27	24.20	5.29	30.60	7.05	37.40	9.37	40.30	10.42	43.50	11.61	46.30	12.38	48.50	12.95

5. ARUM160LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	24.20	5.76	30.60	7.61	37.40	9.93	40.30	11.03	43.50	12.19	46.30	12.96	48.50	13.54
	31	24.20	6.15	30.60	8.07	37.40	10.53	40.30	11.69	43.50	12.80	46.30	13.58	48.50	14.17
	33	24.20	6.52	30.60	8.57	37.40	11.17	40.30	12.40	43.50	13.45	46.30	14.25	48.50	14.85
	35	24.20	6.92	30.60	9.09	37.40	11.85	40.30	13.13	43.50	14.14	46.30	14.98	48.50	15.60
	37	24.20	7.34	30.60	9.65	37.40	12.60	40.30	13.84	43.50	14.90	46.30	15.77	48.50	16.43
	39	24.20	7.79	30.60	10.25	37.40	13.40	40.30	14.59	43.50	15.71	46.30	16.65	48.50	17.35
	41	24.20	8.27	30.60	10.89	37.40	14.29	40.30	15.41	43.50	16.61	46.30	17.63	48.50	18.41
	43	24.20	8.78	30.60	11.58	37.40	15.15	40.30	16.30	43.50	17.61	45.70	18.51	45.70	18.51
	46	24.20	9.61	30.60	12.72	37.40	16.51	40.10	17.73	40.10	17.72	40.00	17.71	40.00	17.72
	48	24.20	10.21	30.60	13.56	36.50	17.07	36.40	17.06	36.40	17.05	36.40	17.05	36.40	17.05
	50	24.20	10.85	30.60	14.49	33.00	16.17	33.00	16.17	33.00	16.15	33.00	16.15	33.00	16.15
	52	24.20	11.55	29.80	14.96	29.80	14.96	29.80	14.96	29.70	14.95	29.70	14.95	29.70	14.94
80	10	21.50	2.07	27.20	2.99	33.30	3.72	35.80	4.12	38.70	4.65	41.20	5.17	43.10	5.63
	12	21.50	2.70	27.20	3.23	33.30	4.06	35.80	4.50	38.70	5.08	41.20	5.65	43.10	6.15
	14	21.50	2.87	27.20	3.49	33.30	4.43	35.80	4.93	38.70	5.56	41.20	6.17	43.10	6.71
	16	21.50	3.07	27.20	3.79	33.30	4.84	35.80	5.39	38.70	6.08	41.20	6.75	43.10	7.32
	18	21.50	3.29	27.20	4.12	33.30	5.29	35.80	5.90	38.70	6.65	41.20	7.37	43.10	7.98
	20	21.50	3.54	27.20	4.48	33.30	5.79	35.80	6.45	38.70	7.27	41.20	8.05	43.10	8.71
	21	21.50	3.67	27.20	4.67	33.30	6.06	35.80	6.75	38.70	7.61	41.20	8.41	43.10	9.10
	23	21.50	3.97	27.20	5.09	33.30	6.62	35.80	7.38	38.70	8.32	41.20	9.19	43.10	9.93
	25	21.50	4.29	27.20	5.55	33.30	7.24	35.80	8.07	38.70	9.09	41.20	10.04	43.10	10.83
	27	21.50	4.66	27.20	6.06	33.30	7.92	35.80	8.82	38.70	9.83	41.20	10.75	43.10	11.48
	29	21.50	5.06	27.20	6.60	33.30	8.47	35.80	9.35	38.70	10.41	41.20	11.38	43.10	12.06
	31	21.50	5.44	27.20	7.00	33.30	8.98	35.80	9.91	38.70	11.03	41.20	12.05	43.10	12.66
	33	21.50	5.76	27.20	7.43	33.30	9.53	35.80	10.52	38.70	11.70	41.20	12.73	43.10	13.31
	35	21.50	6.10	27.20	7.89	33.30	10.12	35.80	11.16	38.70	12.43	41.20	13.40	43.10	14.00
	37	21.50	6.47	27.20	8.37	33.30	10.74	35.80	11.86	38.70	13.21	41.20	14.12	43.10	14.75
	39	21.50	6.87	27.20	8.88	33.30	11.41	35.80	12.61	38.70	14.03	41.20	14.89	43.10	15.55
	41	21.50	7.29	27.20	9.43	33.30	12.14	35.80	13.43	38.70	14.81	41.20	15.73	43.10	16.44
	43	21.50	7.73	27.20	10.02	33.30	12.92	35.80	14.32	38.70	15.66	41.20	16.65	43.10	17.42
	46	21.50	8.46	27.20	10.98	33.30	14.24	35.80	15.80	38.70	17.09	40.00	17.70	40.00	17.71
	48	21.50	8.99	27.20	11.68	33.30	15.24	35.80	16.76	36.40	17.06	36.40	17.05	36.40	17.05
	50	21.50	9.55	27.20	12.44	33.00	16.16	33.00	16.14	33.00	16.17	33.00	16.16	33.00	16.16
	52	21.50	10.14	27.20	13.26	29.70	14.94	29.70	14.93	29.80	14.96	29.70	14.95	29.70	14.95
70	10	18.80	1.70	23.80	2.46	29.10	3.19	31.30	3.46	33.90	3.81	36.00	4.15	37.70	4.45
	12	18.80	2.51	23.80	2.89	29.10	3.46	31.30	3.77	33.90	4.16	36.00	4.54	37.70	4.87
	14	18.80	2.64	23.80	3.10	29.10	3.76	31.30	4.10	33.90	4.54	36.00	4.96	37.70	5.33
	16	18.80	2.80	23.80	3.33	29.10	4.09	31.30	4.48	33.90	4.97	36.00	5.43	37.70	5.83
	18	18.80	2.98	23.80	3.59	29.10	4.45	31.30	4.89	33.90	5.43	36.00	5.94	37.70	6.38
	20	18.80	3.18	23.80	3.88	29.10	4.86	31.30	5.34	33.90	5.94	36.00	6.50	37.70	6.98
	21	18.80	3.29	23.80	4.04	29.10	5.07	31.30	5.58	33.90	6.21	36.00	6.80	37.70	7.29
	23	18.80	3.53	23.80	4.38	29.10	5.54	31.30	6.10	33.90	6.80	36.00	7.44	37.70	7.98
	25	18.80	3.79	23.80	4.76	29.10	6.05	31.30	6.67	33.90	7.43	36.00	8.14	37.70	8.72
	27	18.80	4.09	23.80	5.18	29.10	6.61	31.30	7.29	33.90	8.13	36.00	8.88	37.70	9.47
	29	18.80	4.43	23.80	5.64	29.10	7.16	31.30	7.85	33.90	8.67	36.00	9.42	37.70	10.03
	31	18.80	4.78	23.80	6.03	29.10	7.60	31.30	8.33	33.90	9.20	36.00	9.99	37.70	10.63
	33	18.80	5.06	23.80	6.39	29.10	8.06	31.30	8.83	33.90	9.76	36.00	10.59	37.70	11.28
	35	18.80	5.35	23.80	6.78	29.10	8.55	31.30	9.38	33.90	10.36	36.00	11.24	37.70	11.97
	37	18.80	5.67	23.80	7.20	29.10	9.08	31.30	9.95	33.90	11.00	36.00	11.94	37.70	12.72
	39	18.80	6.01	23.80	7.64	29.10	9.64	31.30	10.57	33.90	11.69	36.00	12.70	37.70	13.54
	41	18.80	6.37	23.80	8.11	29.10	10.24	31.30	11.24	33.90	12.43	36.00	13.53	37.70	14.44

5. ARUM160LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	18.80	6.76	23.80	8.61	29.10	10.88	31.30	11.95	33.90	13.24	36.00	14.43	37.70	15.26
	46	18.80	7.40	23.80	9.42	29.10	11.94	31.30	13.14	33.90	14.61	36.00	15.89	37.70	16.64
	48	18.80	7.86	23.80	10.01	29.10	12.72	31.30	14.02	33.90	15.64	36.00	16.85	36.40	17.06
	50	18.80	8.34	23.80	10.64	29.10	13.57	31.30	15.00	33.00	16.17	33.00	16.18	33.00	16.17
	52	18.80	8.86	23.80	11.31	29.10	14.50	29.80	14.95	29.70	14.93	29.80	14.95	29.70	14.94
60	10	16.10	1.41	20.40	1.90	24.90	2.69	26.90	2.96	29.00	3.19	30.90	3.40	32.30	3.59
	12	16.10	2.35	20.40	2.61	24.90	3.00	26.90	3.20	29.00	3.45	30.90	3.70	32.30	3.91
	14	16.10	2.45	20.40	2.77	24.90	3.22	26.90	3.45	29.00	3.75	30.90	4.03	32.30	4.26
	16	16.10	2.57	20.40	2.95	24.90	3.48	26.90	3.74	29.00	4.08	30.90	4.39	32.30	4.66
	18	16.10	2.71	20.40	3.15	24.90	3.76	26.90	4.06	29.00	4.44	30.90	4.79	32.30	5.09
	20	16.10	2.86	20.40	3.38	24.90	4.08	26.90	4.42	29.00	4.84	30.90	5.23	32.30	5.56
	21	16.10	2.95	20.40	3.50	24.90	4.25	26.90	4.61	29.00	5.05	30.90	5.47	32.30	5.81
	23	16.10	3.14	20.40	3.77	24.90	4.61	26.90	5.02	29.00	5.52	30.90	5.98	32.30	6.36
	25	16.10	3.35	20.40	4.07	24.90	5.02	26.90	5.47	29.00	6.03	30.90	6.53	32.30	6.95
	27	16.10	3.59	20.40	4.41	24.90	5.47	26.90	5.97	29.00	6.58	30.90	7.14	32.30	7.60
	29	16.10	3.86	20.40	4.78	24.90	5.96	26.90	6.52	29.00	7.14	30.90	7.70	32.30	8.16
	31	16.10	4.17	20.40	5.15	24.90	6.35	26.90	6.91	29.00	7.57	30.90	8.17	32.30	8.65
	33	16.10	4.41	20.40	5.45	24.90	6.74	26.90	7.33	29.00	8.03	30.90	8.67	32.30	9.18
	35	16.10	4.66	20.40	5.78	24.90	7.15	26.90	7.78	29.00	8.53	30.90	9.20	32.30	9.74
	37	16.10	4.93	20.40	6.12	24.90	7.58	26.90	8.26	29.00	9.05	30.90	9.76	32.30	10.35
	39	16.10	5.21	20.40	6.49	24.90	8.05	26.90	8.76	29.00	9.61	30.90	10.37	32.30	10.99
	41	16.10	5.53	20.40	6.89	24.90	8.55	26.90	9.31	29.00	10.21	30.90	11.02	32.30	11.68
	43	16.10	5.86	20.40	7.31	24.90	9.07	26.90	9.88	29.00	10.85	30.90	11.72	32.30	12.43
	46	16.10	6.41	20.40	8.00	24.90	9.93	26.90	10.83	29.00	11.90	30.90	12.87	32.30	13.68
	48	16.10	6.81	20.40	8.50	24.90	10.56	26.90	11.52	29.00	12.67	30.90	13.73	32.30	14.62
	50	16.10	7.23	20.40	9.02	24.90	11.23	26.90	12.26	29.00	13.52	30.90	14.68	32.30	15.66
	52	16.10	7.68	20.40	9.59	24.90	11.95	26.90	13.07	29.00	14.45	29.80	14.96	29.80	14.97
50	10	13.50	1.18	17.00	1.49	20.80	1.96	22.40	2.21	24.20	2.53	25.70	2.85	26.90	2.97
	12	13.50	1.70	17.00	2.39	20.80	2.64	22.40	2.77	24.20	2.92	25.70	3.07	26.90	3.20
	14	13.50	2.29	17.00	2.51	20.80	2.80	22.40	2.95	24.20	3.14	25.70	3.31	26.90	3.46
	16	13.50	2.38	17.00	2.64	20.80	2.99	22.40	3.16	24.20	3.38	25.70	3.58	26.90	3.75
	18	13.50	2.48	17.00	2.79	20.80	3.20	22.40	3.40	24.20	3.65	25.70	3.88	26.90	4.07
	20	13.50	2.59	17.00	2.96	20.80	3.43	22.40	3.67	24.20	3.95	25.70	4.21	26.90	4.43
	21	13.50	2.66	17.00	3.05	20.80	3.56	22.40	3.81	24.20	4.11	25.70	4.39	26.90	4.62
	23	13.50	2.80	17.00	3.25	20.80	3.84	22.40	4.12	24.20	4.46	25.70	4.77	26.90	5.03
	25	13.50	2.97	17.00	3.48	20.80	4.15	22.40	4.47	24.20	4.85	25.70	5.20	26.90	5.49
	27	13.50	3.15	17.00	3.74	20.80	4.50	22.40	4.85	24.20	5.28	25.70	5.67	26.90	5.99
	29	13.50	3.36	17.00	4.03	20.80	4.88	22.40	5.28	24.20	5.75	25.70	6.18	26.90	6.53
	31	13.50	3.60	17.00	4.36	20.80	5.25	22.40	5.66	24.20	6.14	25.70	6.58	26.90	6.93
	33	13.50	3.83	17.00	4.61	20.80	5.56	22.40	6.00	24.20	6.51	25.70	6.97	26.90	7.35
	35	13.50	4.03	17.00	4.87	20.80	5.89	22.40	6.36	24.20	6.91	25.70	7.40	26.90	7.80
	37	13.50	4.25	17.00	5.15	20.80	6.24	22.40	6.74	24.20	7.33	25.70	7.85	26.90	8.28
	39	13.50	4.49	17.00	5.46	20.80	6.62	22.40	7.15	24.20	7.78	25.70	8.33	26.90	8.79
	41	13.50	4.75	17.00	5.78	20.80	7.03	22.40	7.59	24.20	8.26	25.70	8.85	26.90	9.33
	43	13.50	5.03	17.00	6.14	20.80	7.46	22.40	8.06	24.20	8.77	25.70	9.40	26.90	9.91
	46	13.50	5.50	17.00	6.71	20.80	8.16	22.40	8.82	24.20	9.60	25.70	10.29	26.90	10.86
	48	13.50	5.84	17.00	7.13	20.80	8.67	22.40	9.37	24.20	10.20	25.70	10.94	26.90	11.55
	50	13.50	6.20	17.00	7.57	20.80	9.21	22.40	9.95	24.20	10.84	25.70	11.64	26.90	12.29
	52	13.50	6.59	17.00	8.04	20.80	9.78	22.40	10.58	24.20	11.53	25.70	12.39	26.90	13.11

5. ARUM160LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

5. ARUM160LTE6

5.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	9.50	0.68	15.30	1.08	21.70	1.57	23.20	1.70	24.70	1.83	26.30	1.97	28.00	2.13
	12	9.50	0.68	15.30	1.09	21.70	1.58	23.20	1.71	24.70	1.84	26.30	1.98	28.00	2.15
	14	9.50	0.68	15.30	1.09	21.70	1.60	23.20	1.73	24.70	1.86	26.30	2.01	28.00	2.19
	16	9.50	0.68	15.30	1.10	21.70	1.62	23.20	1.76	24.70	1.91	26.30	2.06	28.00	2.26
	18	9.50	0.68	15.30	1.12	21.70	1.68	23.20	1.84	24.70	2.00	26.30	2.18	28.00	2.43
	20	9.50	0.70	15.30	1.17	21.70	1.84	23.20	2.04	24.70	2.24	26.30	2.47	28.00	2.88
	21	10.80	0.85	16.50	1.43	22.80	2.42	24.30	2.71	25.80	3.04	27.30	3.24	28.90	3.50
	23	13.30	2.19	18.90	2.67	25.20	3.38	26.60	3.57	28.10	3.76	29.40	3.95	30.80	4.26
	25	15.90	2.67	21.40	3.28	27.60	4.20	29.00	4.43	30.40	4.68	31.50	4.88	32.70	5.25
	27	18.60	3.32	24.00	4.10	30.10	5.29	31.40	5.57	32.70	5.87	33.60	6.08	36.60	7.01
	29	21.30	4.21	26.60	5.20	32.70	6.60	33.90	6.90	35.20	7.23	37.30	7.81	43.20	9.88
	31	24.10	5.32	29.30	6.43	35.30	8.10	36.40	8.43	39.60	9.43	44.10	11.01	49.90	13.33
	33	27.00	6.65	32.00	7.95	38.00	9.93	41.90	11.35	46.60	13.19	50.90	14.46	56.60	16.26
	35	29.90	8.34	34.90	9.84	44.60	13.69	48.80	14.97	53.50	16.34	57.70	17.44	59.10	17.82
	37	29.90	8.86	34.90	10.46	44.60	14.43	48.80	15.78	53.50	17.23	57.70	18.42	58.20	18.59
	39	29.90	9.41	34.90	11.11	44.60	15.23	48.80	16.67	53.50	18.24	56.00	19.05	55.20	19.60
	41	29.90	10.00	34.90	11.82	44.60	16.10	48.80	17.65	51.80	18.76	51.80	18.76	51.10	18.79
	43	29.90	10.63	34.90	12.58	44.60	17.05	47.70	18.30	47.70	18.29	47.70	18.29	47.00	18.35
	46	29.90	11.66	34.90	13.85	41.70	17.37	41.70	17.37	41.70	17.37	41.70	17.36	41.10	17.46
	48	29.90	12.41	34.90	14.80	37.90	16.68	37.90	16.68	37.90	16.67	37.80	16.65	37.30	16.78
	50	29.90	13.24	34.30	15.50	34.30	15.50	34.30	15.48	34.30	15.46	34.30	15.48	33.80	15.66
	52	29.90	14.13	30.90	14.35	30.90	14.35	30.90	14.33	30.90	14.35	30.90	14.35	30.40	14.50
120	10	8.80	0.63	14.10	1.00	20.00	1.44	21.40	1.55	22.80	1.67	24.30	1.79	25.80	1.94
	12	8.80	0.63	14.10	1.00	20.00	1.44	21.40	1.56	22.80	1.68	24.30	1.81	25.80	1.96
	14	8.80	0.62	14.10	1.00	20.00	1.45	21.40	1.57	22.80	1.70	24.30	1.83	25.80	1.98
	16	8.80	0.63	14.10	1.01	20.00	1.48	21.40	1.60	22.80	1.73	24.30	1.87	25.80	2.04
	18	8.80	0.63	14.10	1.02	20.00	1.52	21.40	1.66	22.80	1.80	24.30	1.95	25.80	2.17
	20	8.80	0.64	14.10	1.06	20.00	1.65	21.40	1.81	22.80	1.99	24.30	2.18	25.80	2.52
	21	10.00	0.77	15.20	1.28	21.10	2.10	22.40	2.35	23.80	2.61	25.20	2.91	26.70	3.23
	23	12.30	2.10	17.50	2.53	23.30	3.15	24.60	3.30	25.90	3.47	27.10	3.63	28.40	3.90
	25	14.70	2.53	19.80	3.07	25.50	3.86	26.80	4.06	28.00	4.27	29.00	4.44	30.20	4.75
	27	17.10	3.11	22.10	3.79	27.80	4.81	29.00	5.05	30.20	5.31	31.00	5.48	33.70	6.27
	29	19.60	3.90	24.50	4.76	30.20	6.00	31.30	6.26	32.50	6.54	34.40	7.04	39.90	8.81
	31	22.20	4.91	27.00	5.87	32.60	7.32	33.60	7.61	36.60	8.47	40.70	9.81	46.10	12.11
	33	24.90	6.09	29.60	7.22	35.10	8.93	38.60	10.15	43.00	11.81	47.00	13.31	52.20	15.08
	35	27.60	7.58	32.20	8.88	41.20	12.35	45.10	13.83	49.40	15.15	53.30	16.27	57.70	17.57
	37	27.60	8.05	32.20	9.44	41.20	13.14	45.10	14.58	49.40	15.96	53.30	17.16	56.90	18.33
	39	27.60	8.55	32.20	10.03	41.20	13.99	45.10	15.39	49.40	16.86	53.30	18.16	55.20	19.24
	41	27.60	9.09	32.20	10.66	41.20	14.85	45.10	16.27	49.40	17.87	51.80	18.76	51.10	18.80
	43	27.60	9.65	32.20	11.33	41.20	15.70	45.10	17.24	47.60	18.28	47.60	18.28	47.00	18.35
	46	27.60	10.58	32.20	12.44	41.20	17.14	41.70	17.38	41.70	17.36	41.70	17.38	41.10	17.47
	48	27.60	11.25	32.20	13.26	37.90	16.66	37.90	16.66	37.90	16.69	37.90	16.66	37.40	16.79
	50	27.60	11.98	32.20	14.16	34.30	15.50	34.30	15.50	34.30	15.49	34.30	15.48	33.80	15.69
	52	27.60	12.76	31.00	14.36	30.90	14.34	30.90	14.34	30.90	14.34	30.90	14.33	30.50	14.53
110	10	8.10	0.57	12.90	0.92	18.30	1.30	19.60	1.41	20.90	1.51	22.30	1.62	23.70	1.75
	12	8.10	0.57	12.90	0.92	18.30	1.31	19.60	1.41	20.90	1.52	22.30	1.63	23.70	1.77
	14	8.10	0.57	12.90	0.92	18.30	1.32	19.60	1.42	20.90	1.53	22.30	1.65	23.70	1.79
	16	8.10	0.57	12.90	0.92	18.30	1.33	19.60	1.44	20.90	1.56	22.30	1.68	23.70	1.83
	18	8.10	0.57	12.90	0.93	18.30	1.37	19.60	1.49	20.90	1.61	22.30	1.74	23.70	1.93

5. ARUM160LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	8.10	0.58	12.90	0.96	18.30	1.46	19.60	1.60	20.90	1.75	22.30	1.92	23.70	2.19
	21	9.10	0.69	14.00	1.14	19.30	1.82	20.60	2.02	21.80	2.24	23.10	2.47	24.50	2.99
	23	11.30	2.02	16.00	2.40	21.30	2.93	22.50	3.06	23.80	3.20	24.90	3.34	26.00	3.56
	25	13.50	2.40	18.10	2.87	23.40	3.55	24.50	3.71	25.70	3.89	26.60	4.04	27.70	4.30
	27	15.70	2.92	20.30	3.50	25.50	4.37	26.60	4.57	27.70	4.79	28.40	4.94	30.90	5.60
	29	18.00	3.62	22.50	4.35	27.70	5.44	28.70	5.66	29.80	5.90	31.60	6.33	36.60	7.82
	31	20.40	4.52	24.80	5.35	29.90	6.59	30.80	6.84	33.50	7.57	37.30	8.71	42.20	10.64
	33	22.80	5.56	27.10	6.53	32.20	8.00	35.40	9.03	39.40	10.43	43.10	11.85	47.90	13.82
	35	25.30	6.87	29.50	7.99	37.70	10.94	41.30	12.42	45.30	13.90	48.80	14.98	53.50	16.55
	37	25.30	7.29	29.50	8.48	37.70	11.62	41.30	13.21	45.30	14.65	48.80	15.78	53.50	17.45
	39	25.30	7.75	29.50	9.01	37.70	12.36	41.30	14.07	45.30	15.47	48.80	16.67	53.50	18.48
	41	25.30	8.23	29.50	9.57	37.70	13.16	41.30	14.90	45.30	16.35	48.80	17.66	51.10	18.80
	43	25.30	8.74	29.50	10.17	37.70	14.04	41.30	15.76	45.30	17.33	47.70	18.29	47.00	18.38
	46	25.30	9.57	29.50	11.15	37.70	15.52	41.30	17.20	41.70	17.38	41.70	17.36	41.10	17.46
	48	25.30	10.17	29.50	11.87	37.70	16.60	37.90	16.67	37.90	16.68	37.90	16.68	37.30	16.77
	50	25.30	10.81	29.50	12.64	34.30	15.47	34.30	15.47	34.30	15.51	34.30	15.48	33.80	15.69
	52	25.30	11.51	29.50	13.48	30.90	14.35	30.90	14.33	30.90	14.35	30.90	14.35	30.50	14.51
100	10	7.30	0.52	11.80	0.83	16.70	1.18	17.80	1.27	19.00	1.36	20.20	1.46	21.50	1.58
	12	7.30	0.52	11.80	0.83	16.70	1.19	17.80	1.27	19.00	1.36	20.20	1.46	21.50	1.58
	14	7.30	0.52	11.80	0.83	16.70	1.19	17.80	1.28	19.00	1.37	20.20	1.48	21.50	1.60
	16	7.30	0.52	11.80	0.84	16.70	1.20	17.80	1.29	19.00	1.39	20.20	1.50	21.50	1.63
	18	7.30	0.52	11.80	0.84	16.70	1.23	17.80	1.33	19.00	1.43	20.20	1.55	21.50	1.70
	20	7.30	0.52	11.80	0.86	16.70	1.30	17.80	1.41	19.00	1.53	20.20	1.67	21.50	1.90
	21	8.30	0.62	12.70	1.00	17.60	1.57	18.70	1.73	19.90	1.90	21.00	2.09	22.20	2.52
	23	10.20	1.93	14.60	2.27	19.40	2.72	20.50	2.83	21.60	2.95	22.60	3.07	23.70	3.26
	25	12.20	2.28	16.50	2.68	21.30	3.26	22.30	3.40	23.40	3.55	24.20	3.67	25.20	3.89
	27	14.30	2.74	18.40	3.24	23.20	3.97	24.20	4.13	25.20	4.31	25.90	4.44	28.10	4.99
	29	16.40	3.35	20.50	3.97	25.20	4.89	26.10	5.09	27.10	5.30	28.70	5.67	33.30	6.92
	31	18.50	4.15	22.50	4.86	27.20	5.91	28.00	6.12	30.50	6.74	34.00	7.69	38.40	9.30
	33	20.70	5.06	24.60	5.88	29.30	7.13	32.20	8.00	35.80	9.17	39.20	10.35	43.50	12.39
	35	23.00	6.20	26.80	7.15	34.30	9.64	37.60	10.87	41.20	12.36	44.40	13.63	48.60	15.17
	37	23.00	6.58	26.80	7.59	34.30	10.24	37.60	11.55	41.20	13.14	44.40	14.36	48.60	15.98
	39	23.00	6.99	26.80	8.06	34.30	10.88	37.60	12.28	41.20	14.00	44.40	15.16	48.60	16.88
	41	23.00	7.42	26.80	8.56	34.30	11.57	37.60	13.08	41.20	14.85	44.40	16.02	48.60	17.89
	43	23.00	7.88	26.80	9.10	34.30	12.31	37.60	13.94	41.20	15.71	44.40	16.97	47.10	18.38
	46	23.00	8.62	26.80	9.96	34.30	13.55	37.60	15.41	41.20	17.14	41.70	17.36	41.10	17.47
	48	23.00	9.16	26.80	10.59	34.30	14.47	37.60	16.51	37.90	16.68	37.90	16.67	37.30	16.77
	50	23.00	9.74	26.80	11.27	34.30	15.48	34.30	15.47	34.30	15.51	34.30	15.48	33.80	15.66
	52	23.00	10.35	26.80	11.99	30.90	14.35	30.90	14.35	30.90	14.33	30.90	14.36	30.50	14.50
90	10	6.60	0.47	10.60	0.75	15.00	1.06	16.00	1.14	17.10	1.22	18.20	1.30	19.40	1.40
	12	6.60	0.47	10.60	0.75	15.00	1.06	16.00	1.14	17.10	1.22	18.20	1.30	19.40	1.41
	14	6.60	0.47	10.60	0.75	15.00	1.07	16.00	1.15	17.10	1.23	18.20	1.31	19.40	1.42
	16	6.60	0.47	10.60	0.75	15.00	1.08	16.00	1.16	17.10	1.24	18.20	1.32	19.40	1.44
	18	6.60	0.47	10.60	0.75	15.00	1.09	16.00	1.18	17.10	1.27	18.20	1.36	19.40	1.49
	20	6.60	0.47	10.60	0.77	15.00	1.14	16.00	1.24	17.10	1.34	18.20	1.45	19.40	1.63
	21	7.50	0.55	11.40	0.88	15.80	1.35	16.80	1.47	17.90	1.61	18.90	1.76	20.00	2.08
	23	9.20	1.85	13.10	2.14	17.50	2.53	18.40	2.62	19.40	2.72	20.30	2.82	21.30	2.98
	25	11.00	2.15	14.80	2.51	19.10	2.99	20.10	3.11	21.00	3.23	21.80	3.33	22.60	3.51
	27	12.90	2.56	16.60	2.99	20.90	3.59	21.80	3.73	22.70	3.88	23.30	3.98	25.30	4.44
	29	14.70	3.10	18.40	3.61	22.60	4.38	23.50	4.54	24.30	4.72	25.80	5.03	29.90	6.10
	31	16.70	3.80	20.30	4.40	24.50	5.28	25.20	5.46	27.40	5.97	30.60	6.76	34.60	8.09

5. ARUM160LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	18.70	4.59	22.20	5.28	26.30	6.32	29.00	7.05	32.30	8.02	35.30	8.98	39.20	10.65
	35	20.70	5.57	24.10	6.37	30.90	8.44	33.80	9.45	37.10	10.67	40.00	11.84	43.80	13.69
	37	20.70	5.91	24.10	6.76	30.90	8.96	33.80	10.04	37.10	11.34	40.00	12.59	43.80	14.43
	39	20.70	6.27	24.10	7.18	30.90	9.52	33.80	10.67	37.10	12.06	40.00	13.40	43.80	15.23
	41	20.70	6.66	24.10	7.62	30.90	10.12	33.80	11.35	37.10	12.84	40.00	14.29	43.80	16.10
	43	20.70	7.07	24.10	8.09	30.90	10.76	33.80	12.07	37.10	13.68	40.00	15.24	43.80	17.05
	46	20.70	7.74	24.10	8.86	30.90	11.80	33.80	13.28	37.10	15.11	40.00	16.61	41.10	17.48
	48	20.70	8.22	24.10	9.41	30.90	12.57	33.80	14.17	37.10	16.19	37.90	16.68	37.40	16.80
	50	20.70	8.73	24.10	10.00	30.90	13.40	33.80	15.16	34.30	15.50	34.30	15.48	33.80	15.67
	52	20.70	9.28	24.10	10.63	30.90	14.31	30.90	14.34	30.90	14.33	30.90	14.35	30.50	14.51
80	10	5.90	0.42	9.40	0.66	13.30	0.94	14.30	1.01	15.20	1.08	16.20	1.15	17.20	1.23
	12	5.90	0.42	9.40	0.66	13.30	0.94	14.30	1.01	15.20	1.08	16.20	1.15	17.20	1.24
	14	5.90	0.41	9.40	0.66	13.30	0.95	14.30	1.01	15.20	1.08	16.20	1.16	17.20	1.25
	16	5.90	0.41	9.40	0.66	13.30	0.95	14.30	1.02	15.20	1.09	16.20	1.17	17.20	1.26
	18	5.90	0.41	9.40	0.67	13.30	0.96	14.30	1.04	15.20	1.11	16.20	1.19	17.20	1.29
	20	5.90	0.41	9.40	0.68	13.30	1.00	14.30	1.08	15.20	1.16	16.20	1.25	17.20	1.39
	21	6.60	0.48	10.10	0.76	14.00	1.15	15.00	1.25	15.90	1.36	16.80	1.47	17.80	1.71
	23	8.20	1.60	11.60	2.02	15.50	2.35	16.40	2.43	17.30	2.51	18.10	2.59	18.90	2.72
	25	9.80	2.03	13.20	2.34	17.00	2.74	17.80	2.84	18.70	2.94	19.40	3.02	20.10	3.17
	27	11.40	2.39	14.80	2.75	18.60	3.25	19.30	3.36	20.20	3.48	20.70	3.57	22.50	3.93
	29	13.10	2.85	16.40	3.28	20.10	3.91	20.90	4.04	21.60	4.18	23.00	4.44	26.60	5.33
	31	14.80	3.46	18.00	3.98	21.70	4.70	22.40	4.84	24.40	5.26	27.20	5.91	30.70	6.98
	33	16.60	4.15	19.70	4.72	23.40	5.58	25.80	6.17	28.70	6.96	31.30	7.74	34.80	9.09
	35	18.40	4.98	21.50	5.64	27.40	7.34	30.00	8.16	32.90	9.15	35.50	10.08	38.90	11.75
	37	18.40	5.28	21.50	5.98	27.40	7.79	30.00	8.67	32.90	9.72	35.50	10.71	38.90	12.50
	39	18.40	5.60	21.50	6.35	27.40	8.28	30.00	9.21	32.90	10.33	35.50	11.39	38.90	13.30
	41	18.40	5.94	21.50	6.74	27.40	8.79	30.00	9.79	32.90	10.98	35.50	12.12	38.90	14.18
	43	18.40	6.31	21.50	7.16	27.40	9.34	30.00	10.40	32.90	11.68	35.50	12.90	38.90	15.13
	46	18.40	6.90	21.50	7.84	27.40	10.23	30.00	11.41	32.90	12.83	35.50	14.21	38.90	16.49
	48	18.40	7.33	21.50	8.32	27.40	10.88	30.00	12.14	32.90	13.68	35.50	15.20	37.40	16.80
	50	18.40	7.79	21.50	8.84	27.40	11.57	30.00	12.94	32.90	14.62	34.30	15.48	33.90	15.69
	52	18.40	8.28	21.50	9.39	27.40	12.32	30.00	13.80	31.00	14.36	30.90	14.33	30.50	14.50
70	10	5.10	0.36	8.20	0.58	11.70	0.82	12.50	0.88	13.30	0.94	14.20	1.00	15.10	1.08
	12	5.10	0.36	8.20	0.58	11.70	0.82	12.50	0.88	13.30	0.94	14.20	1.01	15.10	1.08
	14	5.10	0.36	8.20	0.58	11.70	0.83	12.50	0.88	13.30	0.94	14.20	1.01	15.10	1.08
	16	5.10	0.36	8.20	0.58	11.70	0.83	12.50	0.89	13.30	0.95	14.20	1.01	15.10	1.09
	18	5.10	0.36	8.20	0.58	11.70	0.84	12.50	0.90	13.30	0.96	14.20	1.03	15.10	1.12
	20	5.10	0.36	8.20	0.59	11.70	0.86	12.50	0.92	13.30	0.99	14.20	1.07	15.10	1.18
	21	5.80	0.41	8.90	0.65	12.30	0.96	13.10	1.05	13.90	1.13	14.70	1.22	15.60	1.39
	23	7.20	1.17	10.20	1.77	13.60	2.18	14.30	2.25	15.10	2.32	15.80	2.38	16.60	2.49
	25	8.60	1.92	11.50	2.17	14.90	2.51	15.60	2.59	16.40	2.67	16.90	2.73	17.60	2.86
	27	10.00	2.22	12.90	2.52	16.20	2.94	16.90	3.03	17.60	3.12	18.10	3.19	19.70	3.48
	29	11.50	2.61	14.30	2.98	17.60	3.48	18.30	3.59	18.90	3.70	20.10	3.90	23.30	4.60
	31	13.00	3.13	15.80	3.56	19.00	4.16	19.60	4.28	21.30	4.61	23.80	5.13	26.90	5.98
	33	14.50	3.74	17.20	4.20	20.50	4.89	22.50	5.37	25.10	6.00	27.40	6.62	30.50	7.68
	35	16.10	4.44	18.80	4.96	24.00	6.33	26.30	6.99	28.80	7.77	31.10	8.51	34.10	9.82
	37	16.10	4.69	18.80	5.26	24.00	6.72	26.30	7.42	28.80	8.25	31.10	9.04	34.10	10.43
	39	16.10	4.97	18.80	5.58	24.00	7.14	26.30	7.88	28.80	8.77	31.10	9.60	34.10	11.08
	41	16.10	5.27	18.80	5.92	24.00	7.58	26.30	8.37	28.80	9.31	31.10	10.20	34.10	11.79
	43	16.10	5.59	18.80	6.28	24.00	8.05	26.30	8.89	28.80	9.90	31.10	10.85	34.10	12.55
	46	16.10	6.12	18.80	6.88	24.00	8.81	26.30	9.74	28.80	10.85	31.10	11.90	34.10	13.82

5. ARUM160LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	16.10	6.50	18.80	7.31	24.00	9.36	26.30	10.35	28.80	11.54	31.10	12.67	34.10	14.77
	50	16.10	6.91	18.80	7.76	24.00	9.95	26.30	11.01	28.80	12.28	31.10	13.51	33.80	15.68
	52	16.10	7.34	18.80	8.25	24.00	10.57	26.30	11.71	28.80	13.09	31.00	14.37	30.50	14.53
60	10	4.40	0.31	7.10	0.50	10.00	0.71	10.70	0.76	11.40	0.81	12.10	0.86	12.90	0.92
	12	4.40	0.31	7.10	0.50	10.00	0.71	10.70	0.76	11.40	0.81	12.10	0.86	12.90	0.92
	14	4.40	0.31	7.10	0.50	10.00	0.71	10.70	0.76	11.40	0.81	12.10	0.86	12.90	0.92
	16	4.40	0.31	7.10	0.50	10.00	0.71	10.70	0.76	11.40	0.81	12.10	0.86	12.90	0.93
	18	4.40	0.31	7.10	0.50	10.00	0.71	10.70	0.76	11.40	0.82	12.10	0.87	12.90	0.94
	20	4.40	0.31	7.10	0.50	10.00	0.72	10.70	0.78	11.40	0.84	12.10	0.90	12.90	0.98
	21	5.00	0.35	7.60	0.55	10.50	0.80	11.20	0.86	11.90	0.93	12.60	1.00	13.30	1.12
	23	6.10	0.83	8.70	1.25	11.60	2.02	12.30	2.07	13.00	2.13	13.60	2.18	14.20	2.27
	25	7.30	1.80	9.90	2.02	12.80	2.30	13.40	2.36	14.00	2.42	14.50	2.47	15.10	2.58
	27	8.60	2.06	11.10	2.31	13.90	2.65	14.50	2.72	15.10	2.79	15.50	2.85	16.90	3.08
	29	9.80	2.39	12.30	2.68	15.10	3.09	15.60	3.18	16.20	3.26	17.20	3.42	20.00	3.96
	31	11.10	2.82	13.50	3.17	16.30	3.66	16.80	3.75	18.30	4.02	20.40	4.42	23.00	5.09
	33	12.40	3.34	14.80	3.72	17.60	4.26	19.30	4.63	21.50	5.12	23.50	5.60	26.10	6.42
	35	13.80	3.93	16.10	4.34	20.60	5.41	22.50	5.92	24.70	6.53	26.60	7.10	29.20	8.10
	37	13.80	4.15	16.10	4.59	20.60	5.74	22.50	6.29	24.70	6.93	26.60	7.53	29.20	8.60
	39	13.80	4.38	16.10	4.86	20.60	6.09	22.50	6.67	24.70	7.36	26.60	8.00	29.20	9.14
	41	13.80	4.64	16.10	5.16	20.60	6.47	22.50	7.09	24.70	7.82	26.60	8.50	29.20	9.71
	43	13.80	4.92	16.10	5.47	20.60	6.87	22.50	7.53	24.70	8.30	26.60	9.03	29.20	10.32
	46	13.80	5.38	16.10	5.99	20.60	7.52	22.50	8.24	24.70	9.09	26.60	9.89	29.20	11.31
	48	13.80	5.72	16.10	6.36	20.60	7.98	22.50	8.75	24.70	9.66	26.60	10.51	29.20	12.04
	50	13.80	6.08	16.10	6.76	20.60	8.48	22.50	9.30	24.70	10.26	26.60	11.18	29.20	12.83
	52	13.80	6.46	16.10	7.19	20.60	9.01	22.50	9.88	24.70	10.91	26.60	11.89	29.20	13.69
50	10	3.70	0.26	5.90	0.41	8.30	0.59	8.90	0.63	9.50	0.67	10.10	0.71	10.80	0.77
	12	3.70	0.26	5.90	0.41	8.30	0.59	8.90	0.63	9.50	0.67	10.10	0.71	10.80	0.77
	14	3.70	0.26	5.90	0.41	8.30	0.59	8.90	0.63	9.50	0.67	10.10	0.71	10.80	0.77
	16	3.70	0.26	5.90	0.41	8.30	0.59	8.90	0.63	9.50	0.67	10.10	0.72	10.80	0.77
	18	3.70	0.26	5.90	0.41	8.30	0.59	8.90	0.63	9.50	0.67	10.10	0.72	10.80	0.78
	20	3.70	0.26	5.90	0.41	8.30	0.59	8.90	0.64	9.50	0.68	10.10	0.73	10.80	0.80
	21	4.10	0.29	6.30	0.45	8.80	0.64	9.40	0.69	9.90	0.74	10.50	0.80	11.10	0.88
	23	5.10	0.58	7.30	0.86	9.70	1.57	10.20	1.79	10.80	1.95	11.30	1.99	11.80	2.07
	25	6.10	1.69	8.20	1.87	10.60	2.09	11.20	2.14	11.70	2.19	12.10	2.23	12.60	2.31
	27	7.10	1.90	9.20	2.10	11.60	2.37	12.10	2.43	12.60	2.49	12.90	2.53	14.10	2.71
	29	8.20	2.17	10.20	2.40	12.60	2.73	13.00	2.79	13.50	2.86	14.40	2.98	16.60	3.39
	31	9.30	2.52	11.30	2.79	13.60	3.18	14.00	3.25	15.20	3.46	17.00	3.78	19.20	4.29
	33	10.40	2.95	12.30	3.26	14.60	3.69	16.10	3.97	17.90	4.34	19.60	4.69	21.80	5.30
	35	11.50	3.44	13.40	3.77	17.20	4.58	18.80	4.96	20.60	5.41	22.20	5.84	24.30	6.58
	37	11.50	3.62	13.40	3.98	17.20	4.85	18.80	5.26	20.60	5.74	22.20	6.19	24.30	6.99
	39	11.50	3.82	13.40	4.21	17.20	5.14	18.80	5.58	20.60	6.09	22.20	6.57	24.30	7.42
	41	11.50	4.04	13.40	4.45	17.20	5.45	18.80	5.92	20.60	6.47	22.20	6.98	24.30	7.88
	43	11.50	4.29	13.40	4.72	17.20	5.79	18.80	6.29	20.60	6.87	22.20	7.41	24.30	8.37
	46	11.50	4.70	13.40	5.16	17.20	6.33	18.80	6.88	20.60	7.52	22.20	8.11	24.30	9.16
	48	11.50	4.99	13.40	5.49	17.20	6.73	18.80	7.31	20.60	7.99	22.20	8.62	24.30	9.73
	50	11.50	5.30	13.40	5.83	17.20	7.15	18.80	7.77	20.60	8.48	22.20	9.15	24.30	10.35
	52	11.50	5.64	13.40	6.20	17.20	7.60	18.80	8.25	20.60	9.01	22.20	9.73	24.30	11.00

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

5.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	29.90	15.52	29.70	15.65	29.40	15.78	29.30	15.85	29.20	15.91	29.00	16.04
	-24.8	-25	34.90	16.32	34.60	16.46	34.30	16.61	34.20	16.68	34.10	16.75	33.80	16.89
	-21.8	-22	38.00	16.77	37.70	16.93	37.40	17.08	37.30	17.16	37.10	17.23	36.90	17.38
	-19.8	-20	40.20	17.08	39.90	17.24	39.60	17.40	39.40	17.48	39.30	17.56	39.00	17.71
	-18.8	-19	41.30	17.24	41.00	17.40	40.70	17.56	40.50	17.64	40.40	17.72	40.10	17.88
	-16.7	-17	43.60	17.55	43.30	17.72	43.00	17.88	42.80	17.97	42.70	18.05	42.40	18.21
	-15	-15.9	45.00	17.73	44.70	17.90	44.40	18.07	44.20	18.16	44.00	18.24	43.70	18.40
	-13.7	-15	46.40	17.90	46.10	18.08	45.70	18.26	45.60	18.35	45.40	18.43	45.10	18.60
	-11.8	-13	48.70	18.19	48.30	18.37	48.00	18.55	47.80	18.64	47.60	18.72	47.30	18.89
	-9.8	-11	51.30	18.51	50.90	18.69	50.50	18.88	50.40	18.97	50.20	19.06	49.80	19.23
	-9.5	-10	52.60	18.66	52.20	18.85	51.80	19.03	51.60	19.13	51.40	19.22	51.00	19.39
	-8.5	-9.1	53.80	18.80	53.40	19.00	53.00	19.19	52.80	19.28	52.60	19.37	52.30	19.55
	-7	-7.6	55.90	19.05	55.50	19.25	55.10	19.44	54.90	19.54	54.70	19.63	54.30	19.81
	-5	-5.6	58.90	19.38	58.40	19.59	58.00	19.78	57.80	19.88	57.60	19.98	57.20	20.16
	-3	-3.7	61.80	19.71	61.30	19.92	60.90	20.12	60.70	20.22	60.40	20.32	57.30	19.01
	0	-0.7	66.60	20.23	66.10	20.44	65.50	20.61	63.50	19.74	61.40	18.89	57.30	17.23
	3	2.2	71.40	20.73	69.60	20.32	65.50	18.72	63.50	17.95	61.40	17.18	57.30	15.70
	5	4.1	73.70	20.63	69.60	19.09	65.50	17.61	63.50	16.88	61.40	16.17	57.30	14.78
	7	6	73.70	19.35	69.60	17.92	65.50	16.53	63.50	15.85	61.40	15.18	57.30	13.89
	9	7.9	73.70	18.11	69.60	16.78	65.50	15.49	63.50	14.86	61.40	14.24	57.30	13.04
	11	9.8	73.70	16.94	69.60	15.70	65.50	14.51	63.50	13.92	61.40	13.35	57.30	12.23
	13	11.8	73.70	15.78	69.60	14.64	65.50	13.54	63.50	13.00	61.40	12.47	57.30	11.44
	15	13.7	73.70	14.74	69.60	13.69	65.50	12.67	63.50	12.17	61.40	11.68	57.30	10.73
120	-30	-30.2	29.80	15.59	29.50	15.72	29.30	15.85	29.20	15.92	29.10	15.98	28.90	16.11
	-24.8	-25	34.70	16.41	34.40	16.56	34.20	16.70	34.10	16.77	33.90	16.84	33.70	16.98
	-21.8	-22	37.80	16.89	37.50	17.04	37.20	17.19	37.10	17.26	37.00	17.34	36.70	17.48
	-19.8	-20	39.90	17.20	39.60	17.36	39.40	17.52	39.20	17.60	39.10	17.67	38.80	17.82
	-18.8	-19	41.10	17.36	40.80	17.53	40.50	17.68	40.30	17.76	40.20	17.84	39.90	17.99
	-16.7	-17	43.40	17.69	43.00	17.86	42.70	18.02	42.60	18.10	42.40	18.18	42.10	18.34
	-15	-15.9	44.70	17.88	44.40	18.05	44.10	18.21	43.90	18.30	43.80	18.38	43.50	18.54
	-13.7	-15	46.10	18.06	45.80	18.24	45.50	18.41	45.30	18.50	45.20	18.58	44.80	18.75
	-11.8	-13	48.30	18.36	48.00	18.54	47.60	18.71	47.50	18.80	47.30	18.88	46.90	19.05
	-9.8	-11	50.90	18.69	50.50	18.88	50.20	19.06	50.00	19.14	49.80	19.23	49.50	19.40
	-9.5	-10	52.20	18.85	51.80	19.04	51.40	19.22	51.20	19.31	51.00	19.40	50.70	19.57
	-8.5	-9.1	53.40	19.01	53.00	19.19	52.60	19.38	52.40	19.47	52.20	19.56	51.90	19.73
	-7	-7.6	55.50	19.27	55.10	19.46	54.70	19.65	54.50	19.74	54.30	19.83	52.90	19.41
	-5	-5.6	58.40	19.62	57.90	19.82	57.50	20.01	57.30	20.10	56.70	19.95	52.90	18.20
	-3	-3.7	61.20	19.96	60.80	20.16	60.30	20.36	58.60	19.58	56.70	18.73	52.90	17.10
	0	-0.7	65.90	20.51	64.30	20.07	60.50	18.50	58.60	17.74	56.70	16.98	52.90	15.52
	3	2.2	68.00	19.70	64.30	18.25	60.50	16.84	58.60	16.15	56.70	15.47	52.90	14.16
	5	4.1	68.00	18.51	64.30	17.16	60.50	15.85	58.60	15.21	56.70	14.58	52.90	13.35
	7	6	68.00	17.38	64.30	16.11	60.50	14.88	58.60	14.28	56.70	13.69	52.90	12.54
	9	7.9	68.00	16.27	64.30	15.10	60.50	13.96	58.60	13.40	56.70	12.86	52.90	11.79
	11	9.8	68.00	15.24	64.30	14.15	60.50	13.09	58.60	12.57	56.70	12.07	52.90	11.07
	13	11.8	68.00	14.21	64.30	13.21	60.50	12.23	58.60	11.75	56.70	11.28	52.90	10.37

5. ARUM160LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	68.00	13.29	64.30	12.36	60.50	11.46	58.60	11.02	56.70	10.58	52.90	9.73
110	-30	-30.2	29.60	15.68	29.40	15.81	29.20	15.93	29.10	16.00	29.00	16.06	28.80	16.18
	-24.8	-25	34.50	16.52	34.20	16.67	34.00	16.81	33.90	16.88	33.70	16.94	33.50	17.08
	-21.8	-22	37.50	17.02	37.30	17.17	37.00	17.31	36.90	17.39	36.70	17.46	36.50	17.60
	-19.8	-20	39.70	17.35	39.40	17.50	39.10	17.66	39.00	17.73	38.80	17.81	38.50	17.95
	-18.8	-19	40.80	17.51	40.50	17.67	40.20	17.83	40.00	17.90	39.90	17.98	39.60	18.13
	-16.7	-17	43.00	17.85	42.70	18.02	42.40	18.18	42.30	18.26	42.10	18.33	41.80	18.49
	-15	-15.9	44.40	18.05	44.10	18.22	43.80	18.38	43.60	18.46	43.40	18.54	43.10	18.70
	-13.7	-15	45.80	18.25	45.50	18.42	45.10	18.59	45.00	18.67	44.80	18.75	44.50	18.91
	-11.8	-13	47.90	18.56	47.60	18.73	47.30	18.90	47.10	18.98	46.90	19.07	46.60	19.23
	-9.8	-11	50.50	18.91	50.10	19.09	49.80	19.26	49.60	19.35	49.40	19.43	48.50	19.25
	-9.5	-10	51.70	19.08	51.30	19.26	51.00	19.43	50.80	19.52	50.60	19.61	48.50	18.68
	-8.5	-9.1	52.90	19.24	52.50	19.42	52.20	19.60	52.00	19.69	51.80	19.78	48.50	18.15
	-7	-7.6	55.00	19.51	54.60	19.70	54.20	19.88	53.70	19.80	52.00	18.96	48.50	17.30
	-5	-5.6	57.80	19.89	57.40	20.08	55.40	19.36	53.70	18.56	52.00	17.77	48.50	16.23
	-3	-3.7	60.60	20.25	58.90	19.72	55.40	18.18	53.70	17.44	52.00	16.70	48.50	15.27
	0	-0.7	62.40	19.28	58.90	17.86	55.40	16.49	53.70	15.82	52.00	15.16	48.50	13.88
	3	2.2	62.40	17.54	58.90	16.26	55.40	15.03	53.70	14.43	52.00	13.84	48.50	12.68
	5	4.1	62.40	16.50	58.90	15.31	55.40	14.16	53.70	13.60	52.00	13.05	48.50	11.96
	7	6	62.40	15.49	58.90	14.38	55.40	13.31	53.70	12.78	52.00	12.26	48.50	11.26
	9	7.9	62.40	14.53	58.90	13.50	55.40	12.50	53.70	12.01	52.00	11.53	48.50	10.59
	11	9.8	62.40	13.62	58.90	12.66	55.40	11.73	53.70	11.28	52.00	10.83	48.50	9.96
	13	11.8	62.40	12.71	58.90	11.83	55.40	10.97	53.70	10.55	52.00	10.14	48.50	9.33
	15	13.7	62.40	11.91	58.90	11.09	55.40	10.30	53.70	9.91	52.00	9.52	48.50	8.78
100	-30	-30.2	29.40	15.78	29.20	15.91	29.00	16.03	28.90	16.09	28.80	16.16	28.60	16.28
	-24.8	-25	34.30	16.65	34.00	16.79	33.80	16.93	33.60	17.00	33.50	17.07	33.30	17.20
	-21.8	-22	37.30	17.17	37.00	17.32	36.70	17.46	36.60	17.53	36.50	17.60	36.20	17.74
	-19.8	-20	39.40	17.51	39.10	17.67	38.80	17.82	38.70	17.89	38.50	17.96	38.30	18.11
	-18.8	-19	40.40	17.69	40.20	17.84	39.90	18.00	39.70	18.07	39.60	18.15	39.30	18.29
	-16.7	-17	42.70	18.05	42.40	18.20	42.10	18.36	41.90	18.44	41.80	18.51	41.50	18.66
	-15	-15.9	44.00	18.25	43.70	18.42	43.40	18.57	43.20	18.65	43.10	18.73	42.80	18.88
	-13.7	-15	45.40	18.46	45.10	18.63	44.80	18.80	44.60	18.88	44.50	18.96	44.10	19.07
	-11.8	-13	47.50	18.79	47.10	18.96	46.80	19.12	46.70	19.20	46.50	19.28	44.10	18.04
	-9.8	-11	50.00	19.16	49.60	19.33	49.30	19.50	48.80	19.41	47.20	18.59	44.10	16.98
	-9.5	-10	51.20	19.34	50.80	19.51	50.40	19.66	48.80	18.84	47.20	18.05	44.10	16.49
	-8.5	-9.1	52.30	19.51	52.00	19.69	50.40	19.09	48.80	18.31	47.20	17.53	44.10	16.03
	-7	-7.6	54.30	19.80	53.50	19.73	50.40	18.20	48.80	17.45	47.20	16.72	44.10	15.29
	-5	-5.6	56.70	19.95	53.50	18.48	50.40	17.06	48.80	16.37	47.20	15.69	44.10	14.36
	-3	-3.7	56.70	18.74	53.50	17.37	50.40	16.04	48.80	15.40	47.20	14.76	44.10	13.52
	0	-0.7	56.70	16.98	53.50	15.76	50.40	14.57	48.80	13.99	47.20	13.42	44.10	12.31
	3	2.2	56.70	15.48	53.50	14.38	50.40	13.31	48.80	12.79	47.20	12.27	44.10	11.27
	5	4.1	56.70	14.58	53.50	13.55	50.40	12.55	48.80	12.06	47.20	11.58	44.10	10.64
	7	6	56.70	13.69	53.50	12.73	50.40	11.80	48.80	11.35	47.20	10.90	44.10	10.02
	9	7.9	56.70	12.86	53.50	11.96	50.40	11.10	48.80	10.67	47.20	10.25	44.10	9.44
	11	9.8	56.70	12.07	53.50	11.24	50.40	10.43	48.80	10.04	47.20	9.65	44.10	8.89
	13	11.8	56.70	11.28	53.50	10.52	50.40	9.77	48.80	9.41	47.20	9.05	44.10	8.34
	15	13.7	56.70	10.58	53.50	9.87	50.40	9.18	48.80	8.84	47.20	8.51	44.10	7.86

5. ARUM160LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	29.20	15.90	29.00	16.03	28.80	16.15	28.70	16.21	28.60	16.27	28.40	16.39
	-24.8	-25	34.00	16.81	33.70	16.95	33.50	17.08	33.40	17.15	33.30	17.22	33.00	17.35
	-21.8	-22	36.90	17.35	36.70	17.49	36.40	17.64	36.30	17.71	36.20	17.77	35.90	17.91
	-19.8	-20	39.00	17.72	38.70	17.86	38.40	18.01	38.30	18.08	38.20	18.15	37.90	18.29
	-18.8	-19	40.10	17.90	39.80	18.05	39.50	18.20	39.30	18.27	39.20	18.34	38.90	18.48
	-16.7	-17	42.20	18.28	41.90	18.43	41.60	18.58	41.50	18.66	41.40	18.73	39.70	17.89
	-15	-15.9	43.50	18.50	43.20	18.65	42.90	18.81	42.80	18.88	42.50	18.87	39.70	17.22
	-13.7	-15	44.90	18.72	44.60	18.88	44.30	19.04	43.90	18.98	42.50	18.16	39.70	16.58
	-11.8	-13	46.90	19.06	46.60	19.22	45.40	18.74	43.90	17.96	42.50	17.19	39.70	15.70
	-9.8	-11	49.40	19.46	48.20	19.08	45.40	17.62	43.90	16.90	42.50	16.20	39.70	14.83
	-9.5	-10	50.50	19.65	48.20	18.52	45.40	17.11	43.90	16.42	42.50	15.74	39.70	14.41
	-8.5	-9.1	51.00	19.41	48.20	18.00	45.40	16.63	43.90	15.95	42.50	15.29	39.70	14.01
	-7	-7.6	51.00	18.50	48.20	17.16	45.40	15.86	43.90	15.22	42.50	14.60	39.70	13.37
	-5	-5.6	51.00	17.34	48.20	16.10	45.40	14.88	43.90	14.29	42.50	13.71	39.70	12.57
	-3	-3.7	51.00	16.31	48.20	15.14	45.40	14.01	43.90	13.46	42.50	12.91	39.70	11.85
	0	-0.7	51.00	14.81	48.20	13.77	45.40	12.75	43.90	12.26	42.50	11.77	39.70	10.81
	3	2.2	51.00	13.52	48.20	12.58	45.40	11.67	43.90	11.22	42.50	10.78	39.70	9.92
	5	4.1	51.00	12.75	48.20	11.87	45.40	11.01	43.90	10.59	42.50	10.18	39.70	9.37
	7	6	51.00	11.99	48.20	11.17	45.40	10.37	43.90	9.98	42.50	9.59	39.70	8.84
	9	7.9	51.00	11.27	48.20	10.50	45.40	9.76	43.90	9.40	42.50	9.04	39.70	8.34
	11	9.8	51.00	10.59	48.20	9.88	45.40	9.19	43.90	8.85	42.50	8.52	39.70	7.86
	13	11.8	51.00	9.92	48.20	9.26	45.40	8.62	43.90	8.31	42.50	8.00	39.70	7.39
	15	13.7	51.00	9.32	48.20	8.71	45.40	8.11	43.90	7.82	42.50	7.54	39.70	6.97
80	-30	-30.2	29.00	16.05	28.80	16.17	28.60	16.29	28.50	16.35	28.40	16.41	28.20	16.53
	-24.8	-25	33.60	17.01	33.40	17.14	33.20	17.27	33.00	17.33	32.90	17.40	32.70	17.52
	-21.8	-22	36.50	17.57	36.30	17.71	36.00	17.85	35.90	17.92	35.80	17.98	35.30	17.92
	-19.8	-20	38.50	17.96	38.30	18.10	38.00	18.24	37.90	18.31	37.70	18.38	35.30	16.85
	-18.8	-19	39.60	18.15	39.30	18.30	39.00	18.44	38.90	18.51	37.80	17.86	35.30	16.35
	-16.7	-17	41.70	18.55	41.40	18.70	40.30	18.26	39.10	17.52	37.80	16.79	35.30	15.38
	-15	-15.9	43.00	18.79	42.70	18.94	40.30	17.58	39.10	16.87	37.80	16.16	35.30	14.78
	-13.7	-15	44.30	19.03	42.80	18.34	40.30	16.93	39.10	16.24	37.80	15.56	35.30	14.24
	-11.8	-13	45.40	18.74	42.80	17.36	40.30	16.03	39.10	15.38	37.80	14.74	35.30	13.49
	-9.8	-11	45.40	17.62	42.80	16.35	40.30	15.13	39.10	14.52	37.80	13.92	35.30	12.75
	-9.5	-10	45.40	17.11	42.80	15.89	40.30	14.70	39.10	14.12	37.80	13.54	35.30	12.43
	-8.5	-9.1	45.40	16.63	42.80	15.44	40.30	14.29	39.10	13.73	37.80	13.17	35.30	12.09
	-7	-7.6	45.40	15.86	42.80	14.73	40.30	13.64	39.10	13.11	37.80	12.58	35.30	11.55
	-5	-5.6	45.40	14.88	42.80	13.84	40.30	12.82	39.10	12.32	37.80	11.83	35.30	10.88
	-3	-3.7	45.40	14.01	42.80	13.03	40.30	12.08	39.10	11.62	37.80	11.16	35.30	10.27
	0	-0.7	45.40	12.75	42.80	11.88	40.30	11.02	39.10	10.61	37.80	10.19	35.30	9.39
	3	2.2	45.40	11.67	42.80	10.88	40.30	10.11	39.10	9.73	37.80	9.36	35.30	8.63
	5	4.1	45.40	11.01	42.80	10.27	40.30	9.55	39.10	9.19	37.80	8.84	35.30	8.16
	7	6	45.40	10.37	42.80	9.68	40.30	9.00	39.10	8.67	37.80	8.35	35.30	7.71
	9	7.9	45.40	9.76	42.80	9.12	40.30	8.49	39.10	8.18	37.80	7.88	35.30	7.29
	11	9.8	45.40	9.19	42.80	8.59	40.30	8.01	39.10	7.72	37.80	7.44	35.30	6.89
	13	11.8	45.40	8.62	42.80	8.07	40.30	7.53	39.10	7.26	37.80	7.00	35.30	6.49
	15	13.7	45.40	8.11	42.80	7.60	40.30	7.10	39.10	6.85	37.80	6.61	35.30	6.13
70	-30	-30.2	28.70	16.24	28.50	16.36	28.30	16.47	28.20	16.53	28.10	16.59	27.90	16.70

5. ARUM160LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	33.20	17.25	33.00	17.38	32.70	17.50	32.60	17.56	32.50	17.62	30.90	16.56
	-21.8	-22	36.00	17.85	35.80	17.98	35.30	17.92	34.20	17.20	33.10	16.50	30.90	15.12
	-19.8	-20	38.00	18.26	37.50	18.22	35.30	16.85	34.20	16.18	33.10	15.52	30.90	14.23
	-18.8	-19	39.00	18.47	37.50	17.67	35.30	16.35	34.20	15.70	33.10	15.06	30.90	13.81
	-16.7	-17	39.70	17.89	37.50	16.61	35.30	15.38	34.20	14.77	33.10	14.17	30.90	13.00
	-15	-15.9	39.70	17.22	37.50	15.99	35.30	14.78	34.20	14.20	33.10	13.62	30.90	12.49
	-13.7	-15	39.70	16.59	37.50	15.40	35.30	14.24	34.20	13.68	33.10	13.12	30.90	12.04
	-11.8	-13	39.70	15.70	37.50	14.58	35.30	13.49	34.20	12.96	33.10	12.43	30.90	11.41
	-9.8	-11	39.70	14.83	37.50	13.77	35.30	12.75	34.20	12.25	33.10	11.75	30.90	10.79
	-9.5	-10	39.70	14.41	37.50	13.40	35.30	12.43	34.20	11.95	33.10	11.48	30.90	10.56
	-8.5	-9.1	39.70	14.01	37.50	13.04	35.30	12.09	34.20	11.63	33.10	11.17	30.90	10.28
	-7	-7.6	39.70	13.37	37.50	12.45	35.30	11.55	34.20	11.12	33.10	10.68	30.90	9.83
	-5	-5.6	39.70	12.57	37.50	11.71	35.30	10.88	34.20	10.47	33.10	10.06	30.90	9.27
	-3	-3.7	39.70	11.85	37.50	11.05	35.30	10.27	34.20	9.88	33.10	9.51	30.90	8.77
	0	-0.7	39.70	10.81	37.50	10.09	35.30	9.39	34.20	9.04	33.10	8.70	30.90	8.04
	3	2.2	39.70	9.92	37.50	9.27	35.30	8.63	34.20	8.32	33.10	8.01	30.90	7.41
	5	4.1	39.70	9.37	37.50	8.76	35.30	8.16	34.20	7.87	33.10	7.58	30.90	7.02
	7	6	39.70	8.84	37.50	8.27	35.30	7.71	34.20	7.44	33.10	7.17	30.90	6.64
	9	7.9	39.70	8.34	37.50	7.81	35.30	7.29	34.20	7.03	33.10	6.78	30.90	6.29
	11	9.8	39.70	7.87	37.50	7.37	35.30	6.89	34.20	6.65	33.10	6.42	30.90	5.96
	13	11.8	39.70	7.40	37.50	6.94	35.30	6.49	34.20	6.27	33.10	6.05	30.90	5.63
	15	13.7	39.70	6.97	37.50	6.55	35.30	6.13	34.20	5.93	33.10	5.72	30.90	5.33
60	-30	-30.2	28.20	16.48	28.10	16.59	27.90	16.71	27.80	16.76	27.70	16.81	26.50	15.98
	-24.8	-25	32.60	17.56	32.10	17.42	30.20	16.13	29.30	15.50	28.30	14.88	26.50	13.66
	-21.8	-22	34.00	17.10	32.10	15.90	30.20	14.73	29.30	14.16	28.30	13.59	26.50	12.49
	-19.8	-20	34.00	16.09	32.10	14.97	30.20	13.87	29.30	13.34	28.30	12.81	26.50	11.77
	-18.8	-19	34.00	15.61	32.10	14.52	30.20	13.46	29.30	12.94	28.30	12.43	26.50	11.43
	-16.7	-17	34.00	14.68	32.10	13.67	30.20	12.68	29.30	12.19	28.30	11.72	26.50	10.78
	-15	-15.9	34.00	14.11	32.10	13.13	30.20	12.17	29.30	11.70	28.30	11.24	26.50	10.34
	-13.7	-15	34.00	13.60	32.10	12.65	30.20	11.73	29.30	11.28	28.30	10.84	26.50	9.97
	-11.8	-13	34.00	12.88	32.10	11.99	30.20	11.12	29.30	10.70	28.30	10.28	26.50	9.46
	-9.8	-11	34.00	12.17	32.10	11.34	30.20	10.52	29.30	10.12	28.30	9.73	26.50	8.96
	-9.5	-10	34.00	11.88	32.10	11.08	30.20	10.30	29.30	9.92	28.30	9.54	26.50	8.80
	-8.5	-9.1	34.00	11.56	32.10	10.79	30.20	10.03	29.30	9.66	28.30	9.29	26.50	8.57
	-7	-7.6	34.00	11.05	32.10	10.32	30.20	9.60	29.30	9.24	28.30	8.90	26.50	8.21
	-5	-5.6	34.00	10.41	32.10	9.72	30.20	9.05	29.30	8.72	28.30	8.40	26.50	7.76
	-3	-3.7	34.00	9.83	32.10	9.19	30.20	8.56	29.30	8.25	28.30	7.95	26.50	7.35
	0	-0.7	34.00	9.00	32.10	8.42	30.20	7.85	29.30	7.57	28.30	7.30	26.50	6.76
	3	2.2	34.00	8.28	32.10	7.75	30.20	7.24	29.30	6.99	28.30	6.74	26.50	6.26
	5	4.1	34.00	7.83	32.10	7.34	30.20	6.86	29.30	6.62	28.30	6.39	26.50	5.94
	7	6	34.00	7.40	32.10	6.94	30.20	6.50	29.30	6.28	28.30	6.06	26.50	5.63
	9	7.9	34.00	7.00	32.10	6.57	30.20	6.15	29.30	5.95	28.30	5.75	26.50	5.35
	11	9.8	34.00	6.62	32.10	6.22	30.20	5.83	29.30	5.64	28.30	5.45	26.50	5.08
	13	11.8	34.00	6.24	32.10	5.87	30.20	5.51	29.30	5.33	28.30	5.15	26.50	4.81
	15	13.7	34.00	5.90	32.10	5.55	30.20	5.22	29.30	5.05	28.30	4.89	26.50	4.57
50	-30	-30.2	27.70	16.81	26.80	16.22	25.20	15.03	24.40	14.45	23.60	13.88	22.00	12.76
	-24.8	-25	28.30	14.88	26.80	13.86	25.20	12.86	24.40	12.38	23.60	11.89	22.00	10.95

5. ARUM160LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	28.30	13.59	26.80	12.67	25.20	11.77	24.40	11.33	23.60	10.89	22.00	10.04
	-19.8	-20	28.30	12.81	26.80	11.94	25.20	11.10	24.40	10.69	23.60	10.28	22.00	9.48
	-18.8	-19	28.30	12.43	26.80	11.60	25.20	10.78	24.40	10.38	23.60	9.98	22.00	9.21
	-16.7	-17	28.30	11.72	26.80	10.93	25.20	10.17	24.40	9.79	23.60	9.43	22.00	8.70
	-15	-15.9	28.30	11.24	26.80	10.49	25.20	9.75	24.40	9.39	23.60	9.03	22.00	8.34
	-13.7	-15	28.30	10.84	26.80	10.11	25.20	9.41	24.40	9.06	23.60	8.72	22.00	8.05
	-11.8	-13	28.30	10.28	26.80	9.60	25.20	8.93	24.40	8.60	23.60	8.28	22.00	7.65
	-9.8	-11	28.30	9.73	26.80	9.08	25.20	8.46	24.40	8.15	23.60	7.85	22.00	7.26
	-9.5	-10	28.30	9.54	26.80	8.92	25.20	8.32	24.40	8.02	23.60	7.73	22.00	7.15
	-8.5	-9.1	28.30	9.29	26.80	8.69	25.20	8.11	24.40	7.82	23.60	7.54	22.00	6.98
	-7	-7.6	28.30	8.90	26.80	8.33	25.20	7.77	24.40	7.50	23.60	7.23	22.00	6.70
	-5	-5.6	28.30	8.40	26.80	7.86	25.20	7.35	24.40	7.09	23.60	6.84	22.00	6.34
	-3	-3.7	28.30	7.95	26.80	7.45	25.20	6.96	24.40	6.72	23.60	6.49	22.00	6.03
	0	-0.7	28.30	7.30	26.80	6.85	25.20	6.41	24.40	6.20	23.60	5.99	22.00	5.57
	3	2.2	28.30	6.74	26.80	6.34	25.20	5.94	24.40	5.74	23.60	5.55	22.00	5.17
	5	4.1	28.30	6.39	26.80	6.01	25.20	5.64	24.40	5.46	23.60	5.27	22.00	4.92
	7	6	28.30	6.06	26.80	5.70	25.20	5.36	24.40	5.18	23.60	5.02	22.00	4.68
	9	7.9	28.30	5.75	26.80	5.41	25.20	5.09	24.40	4.93	23.60	4.77	22.00	4.46
	11	9.8	28.30	5.45	26.80	5.14	25.20	4.84	24.40	4.69	23.60	4.54	22.00	4.25
	13	11.8	28.30	5.15	26.80	4.87	25.20	4.58	24.40	4.44	23.60	4.31	22.00	4.04
	15	13.7	28.30	4.89	26.80	4.62	25.20	4.36	24.40	4.23	23.60	4.10	22.00	3.85

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

5.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	29.90	15.52	29.70	15.65	29.40	15.78	29.30	15.85	29.20	15.91	29.00	16.04
	-24.8	-25	34.90	16.32	34.60	16.46	34.30	16.61	34.20	16.68	34.10	16.75	33.80	16.89
	-21.8	-22	38.00	16.77	37.70	16.93	37.40	17.08	37.30	17.16	37.10	17.23	36.90	17.38
	-19.8	-20	40.20	17.08	39.90	17.24	39.60	17.40	39.40	17.48	39.30	17.56	39.00	17.71
	-18.8	-19	41.30	17.24	41.00	17.40	40.70	17.56	40.50	17.64	40.40	17.72	40.10	17.88
	-16.7	-17	43.60	17.55	43.30	17.72	43.00	17.88	42.80	17.97	42.70	18.05	42.40	18.21
	-15	-15.9	45.00	17.73	44.70	17.90	44.40	18.07	44.20	18.16	44.00	18.24	43.70	18.40
	-13.7	-15	46.40	17.90	46.10	18.08	45.70	18.26	45.60	18.35	45.40	18.43	45.10	18.60
	-11.8	-13	48.70	18.19	48.30	18.37	48.00	18.55	47.80	18.64	47.60	18.72	47.30	18.89
	-9.8	-11	51.30	18.51	50.90	18.69	50.50	18.88	50.40	18.97	50.20	19.06	49.80	19.23
	-9.5	-10	52.60	18.66	52.20	18.85	51.80	19.03	51.60	19.13	51.40	19.22	51.00	19.39
	-8.5	-9.1	53.80	18.80	53.40	19.00	53.00	19.19	52.80	19.28	52.60	19.37	52.30	19.55
	-7	-7.6	55.90	19.05	55.50	19.25	55.10	19.44	54.90	19.54	54.70	19.63	54.30	19.81
	-5	-5.6	58.90	19.38	58.40	19.59	58.00	19.78	57.80	19.88	57.60	19.98	57.20	20.16
	-3	-3.7	61.80	19.71	61.30	19.92	60.90	20.12	60.70	20.22	60.40	20.32	57.30	19.01
	0	-0.7	66.60	20.23	66.10	20.44	65.50	20.61	63.50	19.74	61.40	18.89	57.30	17.23
	3	2.2	71.40	20.73	69.60	20.32	65.50	18.72	63.50	17.95	61.40	17.18	57.30	15.70
	5	4.1	69.80	18.69	65.60	17.22	61.50	15.81	59.40	15.12	57.30	14.44	53.20	13.12
	7	6	65.70	15.77	61.50	14.46	57.40	13.21	55.30	12.59	53.20	11.99	48.90	10.82
	9	7.9	61.50	13.16	57.30	12.02	53.10	10.92	51.00	10.38	48.80	9.85	44.50	8.82
	11	9.8	57.20	10.89	52.90	9.89	48.70	8.93	46.50	8.46	44.40	8.00	40.00	7.11
	13	11.8	52.70	8.87	48.40	8.02	44.10	7.19	41.90	6.79	39.70	6.40	35.30	5.63
	15	13.7	48.10	7.17	43.70	6.44	39.30	5.74	37.10	5.40	34.90	5.06	30.40	4.41
120	-30	-30.2	29.80	15.59	29.50	15.72	29.30	15.85	29.20	15.92	29.10	15.98	28.90	16.11
	-24.8	-25	34.70	16.41	34.40	16.56	34.20	16.70	34.10	16.77	33.90	16.84	33.70	16.98
	-21.8	-22	37.80	16.89	37.50	17.04	37.20	17.19	37.10	17.26	37.00	17.34	36.70	17.48
	-19.8	-20	39.90	17.20	39.60	17.36	39.40	17.52	39.20	17.60	39.10	17.67	38.80	17.82
	-18.8	-19	41.10	17.36	40.80	17.53	40.50	17.68	40.30	17.76	40.20	17.84	39.90	17.99
	-16.7	-17	43.40	17.69	43.00	17.86	42.70	18.02	42.60	18.10	42.40	18.18	42.10	18.34
	-15	-15.9	44.70	17.88	44.40	18.05	44.10	18.21	43.90	18.30	43.80	18.38	43.50	18.54
	-13.7	-15	46.10	18.06	45.80	18.24	45.50	18.41	45.30	18.50	45.20	18.58	44.80	18.75
	-11.8	-13	48.30	18.36	48.00	18.54	47.60	18.71	47.50	18.80	47.30	18.88	46.90	19.05
	-9.8	-11	50.90	18.69	50.50	18.88	50.20	19.06	50.00	19.14	49.80	19.23	49.50	19.40
	-9.5	-10	52.20	18.85	51.80	19.04	51.40	19.22	51.20	19.31	51.00	19.40	50.70	19.57
	-8.5	-9.1	53.40	19.01	53.00	19.19	52.60	19.38	52.40	19.47	52.20	19.56	51.90	19.73
	-7	-7.6	55.50	19.27	55.10	19.46	54.70	19.65	54.50	19.74	54.30	19.83	52.90	19.41
	-5	-5.6	58.40	19.62	57.90	19.82	57.50	20.01	57.30	20.10	56.70	19.95	52.90	18.20
	-3	-3.7	61.20	19.96	60.80	20.16	60.30	20.36	58.60	19.58	56.70	18.73	52.90	17.10
	0	-0.7	65.90	20.51	64.30	20.07	60.50	18.50	58.60	17.74	56.70	16.98	52.90	15.52
	3	2.2	68.00	19.70	64.30	18.25	60.50	16.84	58.60	16.15	56.70	15.47	52.90	14.16
	5	4.1	64.40	16.80	60.60	15.50	56.80	14.25	54.90	13.64	52.90	13.03	49.10	11.86
	7	6	60.70	14.19	56.80	13.04	52.90	11.93	51.00	11.38	49.10	10.85	45.20	9.81
	9	7.9	56.80	11.88	52.90	10.87	49.00	9.89	47.00	9.41	45.10	8.94	41.10	8.03
	11	9.8	52.80	9.86	48.90	8.98	44.90	8.12	42.90	7.71	40.90	7.30	36.90	6.50
	13	11.8	48.70	8.07	44.70	7.31	40.70	6.57	38.70	6.21	36.70	5.86	32.60	5.18

5. ARUM160LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	44.40	6.55	40.40	5.90	36.30	5.27	34.30	4.97	32.20	4.67	28.10	4.08
110	-30	-30.2	29.60	15.68	29.40	15.81	29.20	15.93	29.10	16.00	29.00	16.06	28.80	16.18
	-24.8	-25	34.50	16.52	34.20	16.67	34.00	16.81	33.90	16.88	33.70	16.94	33.50	17.08
	-21.8	-22	37.50	17.02	37.30	17.17	37.00	17.31	36.90	17.39	36.70	17.46	36.50	17.60
	-19.8	-20	39.70	17.35	39.40	17.50	39.10	17.66	39.00	17.73	38.80	17.81	38.50	17.95
	-18.8	-19	40.80	17.51	40.50	17.67	40.20	17.83	40.00	17.90	39.90	17.98	39.60	18.13
	-16.7	-17	43.00	17.85	42.70	18.02	42.40	18.18	42.30	18.26	42.10	18.33	41.80	18.49
	-15	-15.9	44.40	18.05	44.10	18.22	43.80	18.38	43.60	18.46	43.40	18.54	43.10	18.70
	-13.7	-15	45.80	18.25	45.50	18.42	45.10	18.59	45.00	18.67	44.80	18.75	44.50	18.91
	-11.8	-13	47.90	18.56	47.60	18.73	47.30	18.90	47.10	18.98	46.90	19.07	46.60	19.23
	-9.8	-11	50.50	18.91	50.10	19.09	49.80	19.26	49.60	19.35	49.40	19.43	48.50	19.25
	-9.5	-10	51.70	19.08	51.30	19.26	51.00	19.43	50.80	19.52	50.60	19.61	48.50	18.68
	-8.5	-9.1	52.90	19.24	52.50	19.42	52.20	19.60	52.00	19.69	51.80	19.78	48.50	18.15
	-7	-7.6	55.00	19.51	54.60	19.70	54.20	19.88	53.70	19.80	52.00	18.96	48.50	17.30
	-5	-5.6	57.80	19.89	57.40	20.08	55.40	19.36	53.70	18.56	52.00	17.77	48.50	16.23
	-3	-3.7	60.60	20.25	58.90	19.72	55.40	18.18	53.70	17.44	52.00	16.70	48.50	15.27
	0	-0.7	62.40	19.28	58.90	17.86	55.40	16.49	53.70	15.82	52.00	15.16	48.50	13.88
	3	2.2	62.40	17.54	58.90	16.26	55.40	15.03	53.70	14.43	52.00	13.84	48.50	12.68
	5	4.1	59.00	14.99	55.50	13.85	52.00	12.75	50.30	12.21	48.50	11.68	45.00	10.65
	7	6	55.60	12.69	52.10	11.68	48.50	10.70	46.80	10.23	45.00	9.76	41.40	8.84
	9	7.9	52.10	10.66	48.50	9.77	44.90	8.91	43.10	8.49	41.30	8.07	37.70	7.27
	11	9.8	48.40	8.87	44.80	8.10	41.20	7.34	39.40	6.98	37.50	6.62	33.90	5.91
	13	11.8	44.60	7.29	41.00	6.62	37.30	5.97	35.50	5.66	33.60	5.35	29.90	4.74
	15	13.7	40.70	5.95	37.00	5.37	33.30	4.82	31.40	4.55	29.60	4.28	25.80	3.77
100	-30	-30.2	29.40	15.78	29.20	15.91	29.00	16.03	28.90	16.09	28.80	16.16	28.60	16.28
	-24.8	-25	34.30	16.65	34.00	16.79	33.80	16.93	33.60	17.00	33.50	17.07	33.30	17.20
	-21.8	-22	37.30	17.17	37.00	17.32	36.70	17.46	36.60	17.53	36.50	17.60	36.20	17.74
	-19.8	-20	39.40	17.51	39.10	17.67	38.80	17.82	38.70	17.89	38.50	17.96	38.30	18.11
	-18.8	-19	40.40	17.69	40.20	17.84	39.90	18.00	39.70	18.07	39.60	18.15	39.30	18.29
	-16.7	-17	42.70	18.05	42.40	18.20	42.10	18.36	41.90	18.44	41.80	18.51	41.50	18.66
	-15	-15.9	44.00	18.25	43.70	18.42	43.40	18.57	43.20	18.65	43.10	18.73	42.80	18.88
	-13.7	-15	45.40	18.46	45.10	18.63	44.80	18.80	44.60	18.88	44.50	18.96	44.10	19.07
	-11.8	-13	47.50	18.79	47.10	18.96	46.80	19.12	46.70	19.20	46.50	19.28	44.10	18.04
	-9.8	-11	50.00	19.16	49.60	19.33	49.30	19.50	48.80	19.41	47.20	18.59	44.10	16.98
	-9.5	-10	51.20	19.34	50.80	19.51	50.40	19.66	48.80	18.84	47.20	18.05	44.10	16.49
	-8.5	-9.1	52.30	19.51	52.00	19.69	50.40	19.09	48.80	18.31	47.20	17.53	44.10	16.03
	-7	-7.6	54.30	19.80	53.50	19.73	50.40	18.20	48.80	17.45	47.20	16.72	44.10	15.29
	-5	-5.6	56.70	19.95	53.50	18.48	50.40	17.06	48.80	16.37	47.20	15.69	44.10	14.36
	-3	-3.7	56.70	18.74	53.50	17.37	50.40	16.04	48.80	15.40	47.20	14.76	44.10	13.52
	0	-0.7	56.70	16.98	53.50	15.76	50.40	14.57	48.80	13.99	47.20	13.42	44.10	12.31
	3	2.2	56.70	15.48	53.50	14.38	50.40	13.31	48.80	12.79	47.20	12.27	44.10	11.27
	5	4.1	53.70	13.26	50.50	12.28	47.30	11.32	45.70	10.85	44.10	10.39	40.90	9.49
	7	6	50.50	11.26	47.30	10.38	44.10	9.53	42.50	9.12	40.90	8.71	37.60	7.91
	9	7.9	47.30	9.48	44.10	8.71	40.80	7.96	39.20	7.60	37.60	7.24	34.30	6.53
	11	9.8	44.00	7.93	40.70	7.25	37.40	6.60	35.80	6.28	34.10	5.96	30.80	5.34
	13	11.8	40.50	6.54	37.20	5.96	33.90	5.40	32.20	5.12	30.60	4.85	27.20	4.32
	15	13.7	37.00	5.37	33.60	4.87	30.30	4.39	28.60	4.15	26.90	3.92	23.40	3.46

5. ARUM160LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	29.20	15.90	29.00	16.03	28.80	16.15	28.70	16.21	28.60	16.27	28.40	16.39
	-24.8	-25	34.00	16.81	33.70	16.95	33.50	17.08	33.40	17.15	33.30	17.22	33.00	17.35
	-21.8	-22	36.90	17.35	36.70	17.49	36.40	17.64	36.30	17.71	36.20	17.77	35.90	17.91
	-19.8	-20	39.00	17.72	38.70	17.86	38.40	18.01	38.30	18.08	38.20	18.15	37.90	18.29
	-18.8	-19	40.10	17.90	39.80	18.05	39.50	18.20	39.30	18.27	39.20	18.34	38.90	18.48
	-16.7	-17	42.20	18.28	41.90	18.43	41.60	18.58	41.50	18.66	41.40	18.73	39.70	17.89
	-15	-15.9	43.50	18.50	43.20	18.65	42.90	18.81	42.80	18.88	42.50	18.87	39.70	17.22
	-13.7	-15	44.90	18.72	44.60	18.88	44.30	19.04	43.90	18.98	42.50	18.16	39.70	16.58
	-11.8	-13	46.90	19.06	46.60	19.22	45.40	18.74	43.90	17.96	42.50	17.19	39.70	15.70
	-9.8	-11	49.40	19.46	48.20	19.08	45.40	17.62	43.90	16.90	42.50	16.20	39.70	14.83
	-9.5	-10	50.50	19.65	48.20	18.52	45.40	17.11	43.90	16.42	42.50	15.74	39.70	14.41
	-8.5	-9.1	51.00	19.41	48.20	18.00	45.40	16.63	43.90	15.95	42.50	15.29	39.70	14.01
	-7	-7.6	51.00	18.50	48.20	17.16	45.40	15.86	43.90	15.22	42.50	14.60	39.70	13.37
	-5	-5.6	51.00	17.34	48.20	16.10	45.40	14.88	43.90	14.29	42.50	13.71	39.70	12.57
	-3	-3.7	51.00	16.31	48.20	15.14	45.40	14.01	43.90	13.46	42.50	12.91	39.70	11.85
	0	-0.7	51.00	14.81	48.20	13.77	45.40	12.75	43.90	12.26	42.50	11.77	39.70	10.81
	3	2.2	51.00	13.52	48.20	12.58	45.40	11.67	43.90	11.22	42.50	10.78	39.70	9.92
	5	4.1	48.30	11.61	45.40	10.77	42.60	9.95	41.10	9.55	39.70	9.15	36.80	8.38
	7	6	45.50	9.89	42.60	9.14	39.70	8.41	38.30	8.05	36.80	7.70	33.90	7.02
	9	7.9	42.60	8.37	39.70	7.70	36.70	7.06	35.30	6.75	33.80	6.43	30.80	5.83
	11	9.8	39.60	7.02	36.60	6.44	33.70	5.88	32.20	5.60	30.70	5.33	27.70	4.80
	13	11.8	36.50	5.83	33.50	5.33	30.50	4.84	29.00	4.60	27.50	4.37	24.40	3.91
	15	13.7	33.30	4.82	30.30	4.39	27.20	3.97	25.70	3.76	24.20	3.56	21.10	3.17
80	-30	-30.2	29.00	16.05	28.80	16.17	28.60	16.29	28.50	16.35	28.40	16.41	28.20	16.53
	-24.8	-25	33.60	17.01	33.40	17.14	33.20	17.27	33.00	17.33	32.90	17.40	32.70	17.52
	-21.8	-22	36.50	17.57	36.30	17.71	36.00	17.85	35.90	17.92	35.80	17.98	35.30	17.92
	-19.8	-20	38.50	17.96	38.30	18.10	38.00	18.24	37.90	18.31	37.70	18.38	35.30	16.85
	-18.8	-19	39.60	18.15	39.30	18.30	39.00	18.44	38.90	18.51	37.80	17.86	35.30	16.35
	-16.7	-17	41.70	18.55	41.40	18.70	40.30	18.26	39.10	17.52	37.80	16.79	35.30	15.38
	-15	-15.9	43.00	18.79	42.70	18.94	40.30	17.58	39.10	16.87	37.80	16.16	35.30	14.78
	-13.7	-15	44.30	19.03	42.80	18.34	40.30	16.93	39.10	16.24	37.80	15.56	35.30	14.24
	-11.8	-13	45.40	18.74	42.80	17.36	40.30	16.03	39.10	15.38	37.80	14.74	35.30	13.49
	-9.8	-11	45.40	17.62	42.80	16.35	40.30	15.13	39.10	14.52	37.80	13.92	35.30	12.75
	-9.5	-10	45.40	17.11	42.80	15.89	40.30	14.70	39.10	14.12	37.80	13.54	35.30	12.43
	-8.5	-9.1	45.40	16.63	42.80	15.44	40.30	14.29	39.10	13.73	37.80	13.17	35.30	12.09
	-7	-7.6	45.40	15.86	42.80	14.73	40.30	13.64	39.10	13.11	37.80	12.58	35.30	11.55
	-5	-5.6	45.40	14.88	42.80	13.84	40.30	12.82	39.10	12.32	37.80	11.83	35.30	10.88
	-3	-3.7	45.40	14.01	42.80	13.03	40.30	12.08	39.10	11.62	37.80	11.16	35.30	10.27
	0	-0.7	45.40	12.75	42.80	11.88	40.30	11.02	39.10	10.61	37.80	10.19	35.30	9.39
	3	2.2	45.40	11.67	42.80	10.88	40.30	10.11	39.10	9.73	37.80	9.36	35.30	8.63
	5	4.1	42.90	10.05	40.40	9.34	37.80	8.65	36.60	8.31	35.30	7.98	32.70	7.32
	7	6	40.40	8.59	37.90	7.96	35.30	7.35	34.00	7.04	32.70	6.75	30.10	6.16
	9	7.9	37.90	7.30	35.30	6.74	32.70	6.20	31.40	5.93	30.00	5.67	27.40	5.15
	11	9.8	35.20	6.16	32.60	5.67	29.90	5.19	28.60	4.96	27.30	4.73	24.60	4.28
	13	11.8	32.40	5.15	29.80	4.73	27.10	4.31	25.80	4.11	24.40	3.91	21.70	3.52
	15	13.7	29.60	4.29	26.90	3.92	24.20	3.57	22.90	3.39	21.50	3.22	18.70	2.89
70	-30	-30.2	28.70	16.24	28.50	16.36	28.30	16.47	28.20	16.53	28.10	16.59	27.90	16.70

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	33.20	17.25	33.00	17.38	32.70	17.50	32.60	17.56	32.50	17.62	30.90	16.56
	-21.8	-22	36.00	17.85	35.80	17.98	35.30	17.92	34.20	17.20	33.10	16.50	30.90	15.12
	-19.8	-20	38.00	18.26	37.50	18.22	35.30	16.85	34.20	16.18	33.10	15.52	30.90	14.23
	-18.8	-19	39.00	18.47	37.50	17.67	35.30	16.35	34.20	15.70	33.10	15.06	30.90	13.81
	-16.7	-17	39.70	17.89	37.50	16.61	35.30	15.38	34.20	14.77	33.10	14.17	30.90	13.00
	-15	-15.9	39.70	17.22	37.50	15.99	35.30	14.78	34.20	14.20	33.10	13.62	30.90	12.49
	-13.7	-15	39.70	16.59	37.50	15.40	35.30	14.24	34.20	13.68	33.10	13.12	30.90	12.04
	-11.8	-13	39.70	15.70	37.50	14.58	35.30	13.49	34.20	12.96	33.10	12.43	30.90	11.41
	-9.8	-11	39.70	14.83	37.50	13.77	35.30	12.75	34.20	12.25	33.10	11.75	30.90	10.79
	-9.5	-10	39.70	14.41	37.50	13.40	35.30	12.43	34.20	11.95	33.10	11.48	30.90	10.56
	-8.5	-9.1	39.70	14.01	37.50	13.04	35.30	12.09	34.20	11.63	33.10	11.17	30.90	10.28
	-7	-7.6	39.70	13.37	37.50	12.45	35.30	11.55	34.20	11.12	33.10	10.68	30.90	9.83
	-5	-5.6	39.70	12.57	37.50	11.71	35.30	10.88	34.20	10.47	33.10	10.06	30.90	9.27
	-3	-3.7	39.70	11.85	37.50	11.05	35.30	10.27	34.20	9.88	33.10	9.51	30.90	8.77
	0	-0.7	39.70	10.81	37.50	10.09	35.30	9.39	34.20	9.04	33.10	8.70	30.90	8.04
	3	2.2	39.70	9.92	37.50	9.27	35.30	8.63	34.20	8.32	33.10	8.01	30.90	7.41
	5	4.1	37.60	8.57	35.30	7.99	33.10	7.42	32.00	7.14	30.90	6.86	28.60	6.32
	7	6	35.40	7.37	33.10	6.84	30.90	6.33	29.80	6.08	28.60	5.84	26.40	5.35
	9	7.9	33.10	6.29	30.90	5.83	28.60	5.38	27.40	5.16	26.30	4.94	24.00	4.51
	11	9.8	30.80	5.35	28.50	4.94	26.20	4.54	25.00	4.35	23.90	4.16	21.50	3.78
	13	11.8	28.40	4.50	26.10	4.15	23.70	3.81	22.60	3.64	21.40	3.47	19.00	3.14
	15	13.7	25.90	3.78	23.50	3.48	21.20	3.18	20.00	3.04	18.80	2.89	16.40	2.62
60	-30	-30.2	28.20	16.48	28.10	16.59	27.90	16.71	27.80	16.76	27.70	16.81	26.50	15.98
	-24.8	-25	32.60	17.56	32.10	17.42	30.20	16.13	29.30	15.50	28.30	14.88	26.50	13.66
	-21.8	-22	34.00	17.10	32.10	15.90	30.20	14.73	29.30	14.16	28.30	13.59	26.50	12.49
	-19.8	-20	34.00	16.09	32.10	14.97	30.20	13.87	29.30	13.34	28.30	12.81	26.50	11.77
	-18.8	-19	34.00	15.61	32.10	14.52	30.20	13.46	29.30	12.94	28.30	12.43	26.50	11.43
	-16.7	-17	34.00	14.68	32.10	13.67	30.20	12.68	29.30	12.19	28.30	11.72	26.50	10.78
	-15	-15.9	34.00	14.11	32.10	13.13	30.20	12.17	29.30	11.70	28.30	11.24	26.50	10.34
	-13.7	-15	34.00	13.60	32.10	12.65	30.20	11.73	29.30	11.28	28.30	10.84	26.50	9.97
	-11.8	-13	34.00	12.88	32.10	11.99	30.20	11.12	29.30	10.70	28.30	10.28	26.50	9.46
	-9.8	-11	34.00	12.17	32.10	11.34	30.20	10.52	29.30	10.12	28.30	9.73	26.50	8.96
	-9.5	-10	34.00	11.88	32.10	11.08	30.20	10.30	29.30	9.92	28.30	9.54	26.50	8.80
	-8.5	-9.1	34.00	11.56	32.10	10.79	30.20	10.03	29.30	9.66	28.30	9.29	26.50	8.57
	-7	-7.6	34.00	11.05	32.10	10.32	30.20	9.60	29.30	9.24	28.30	8.90	26.50	8.21
	-5	-5.6	34.00	10.41	32.10	9.72	30.20	9.05	29.30	8.72	28.30	8.40	26.50	7.76
	-3	-3.7	34.00	9.83	32.10	9.19	30.20	8.56	29.30	8.25	28.30	7.95	26.50	7.35
	0	-0.7	34.00	9.00	32.10	8.42	30.20	7.85	29.30	7.57	28.30	7.30	26.50	6.76
	3	2.2	34.00	8.28	32.10	7.75	30.20	7.24	29.30	6.99	28.30	6.74	26.50	6.26
	5	4.1	32.20	7.19	30.30	6.72	28.40	6.25	27.40	6.03	26.50	5.81	24.60	5.37
	7	6	30.30	6.21	28.40	5.79	26.50	5.38	25.50	5.18	24.50	4.98	22.60	4.59
	9	7.9	28.40	5.34	26.40	4.97	24.50	4.60	23.50	4.43	22.50	4.25	20.60	3.90
	11	9.8	26.40	4.58	24.40	4.25	22.50	3.93	21.50	3.77	20.50	3.61	18.50	3.31
	13	11.8	24.30	3.89	22.30	3.61	20.30	3.33	19.30	3.19	18.30	3.05	16.30	2.79
	15	13.7	22.20	3.31	20.20	3.06	18.20	2.82	17.10	2.70	16.10	2.58	14.10	2.36
50	-30	-30.2	27.70	16.81	26.80	16.22	25.20	15.03	24.40	14.45	23.60	13.88	22.00	12.76
	-24.8	-25	28.30	14.88	26.80	13.86	25.20	12.86	24.40	12.38	23.60	11.89	22.00	10.95

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	28.30	13.59	26.80	12.67	25.20	11.77	24.40	11.33	23.60	10.89	22.00	10.04
	-19.8	-20	28.30	12.81	26.80	11.94	25.20	11.10	24.40	10.69	23.60	10.28	22.00	9.48
	-18.8	-19	28.30	12.43	26.80	11.60	25.20	10.78	24.40	10.38	23.60	9.98	22.00	9.21
	-16.7	-17	28.30	11.72	26.80	10.93	25.20	10.17	24.40	9.79	23.60	9.43	22.00	8.70
	-15	-15.9	28.30	11.24	26.80	10.49	25.20	9.75	24.40	9.39	23.60	9.03	22.00	8.34
	-13.7	-15	28.30	10.84	26.80	10.11	25.20	9.41	24.40	9.06	23.60	8.72	22.00	8.05
	-11.8	-13	28.30	10.28	26.80	9.60	25.20	8.93	24.40	8.60	23.60	8.28	22.00	7.65
	-9.8	-11	28.30	9.73	26.80	9.08	25.20	8.46	24.40	8.15	23.60	7.85	22.00	7.26
	-9.5	-10	28.30	9.54	26.80	8.92	25.20	8.32	24.40	8.02	23.60	7.73	22.00	7.15
	-8.5	-9.1	28.30	9.29	26.80	8.69	25.20	8.11	24.40	7.82	23.60	7.54	22.00	6.98
	-7	-7.6	28.30	8.90	26.80	8.33	25.20	7.77	24.40	7.50	23.60	7.23	22.00	6.70
	-5	-5.6	28.30	8.40	26.80	7.86	25.20	7.35	24.40	7.09	23.60	6.84	22.00	6.34
	-3	-3.7	28.30	7.95	26.80	7.45	25.20	6.96	24.40	6.72	23.60	6.49	22.00	6.03
	0	-0.7	28.30	7.30	26.80	6.85	25.20	6.41	24.40	6.20	23.60	5.99	22.00	5.57
	3	2.2	28.30	6.74	26.80	6.34	25.20	5.94	24.40	5.74	23.60	5.55	22.00	5.17
	5	4.1	26.80	5.89	25.20	5.52	23.70	5.17	22.90	4.99	22.10	4.82	20.50	4.48
	7	6	25.30	5.13	23.70	4.80	22.10	4.48	21.30	4.32	20.40	4.17	18.80	3.86
	9	7.9	23.70	4.45	22.00	4.16	20.40	3.88	19.60	3.74	18.80	3.60	17.10	3.33
	11	9.8	22.00	3.85	20.40	3.59	18.70	3.34	17.90	3.22	17.10	3.10	15.40	2.86
	13	11.8	20.30	3.32	18.60	3.09	17.00	2.87	16.10	2.77	15.30	2.66	13.60	2.45
	15	13.7	18.50	2.86	16.80	2.66	15.10	2.47	14.30	2.38	13.40	2.29	11.70	2.10

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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5.8 Capacity Correction Factor

5.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

5.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

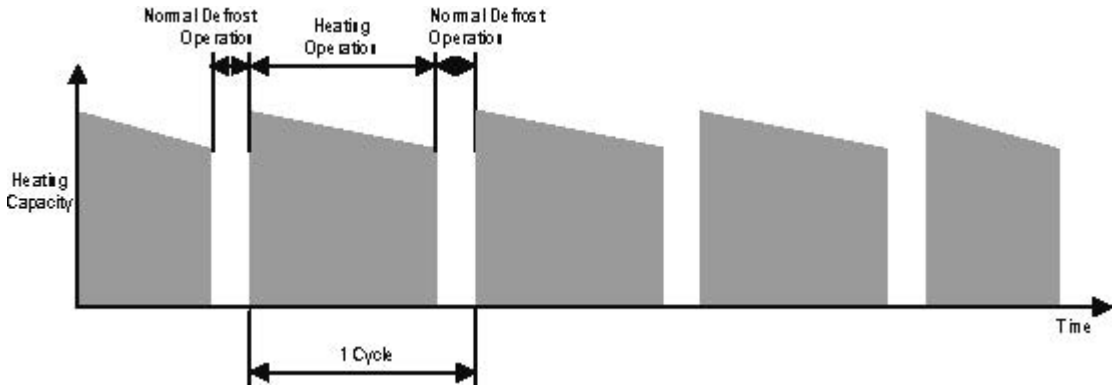
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

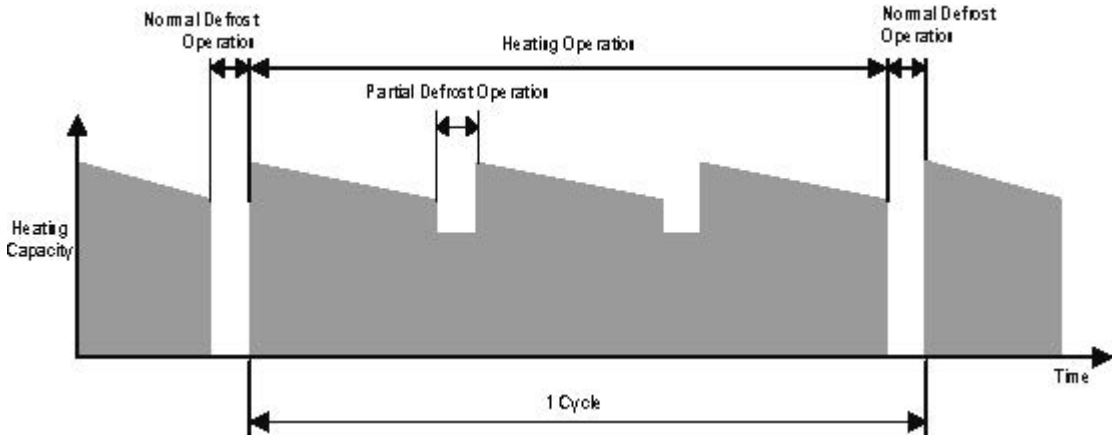
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



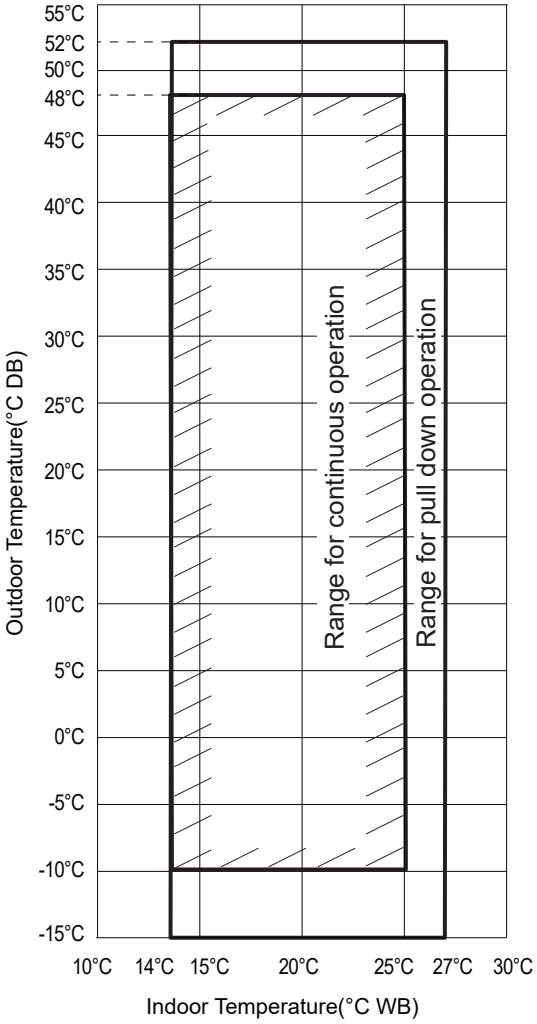
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

5.9 Operation Limits

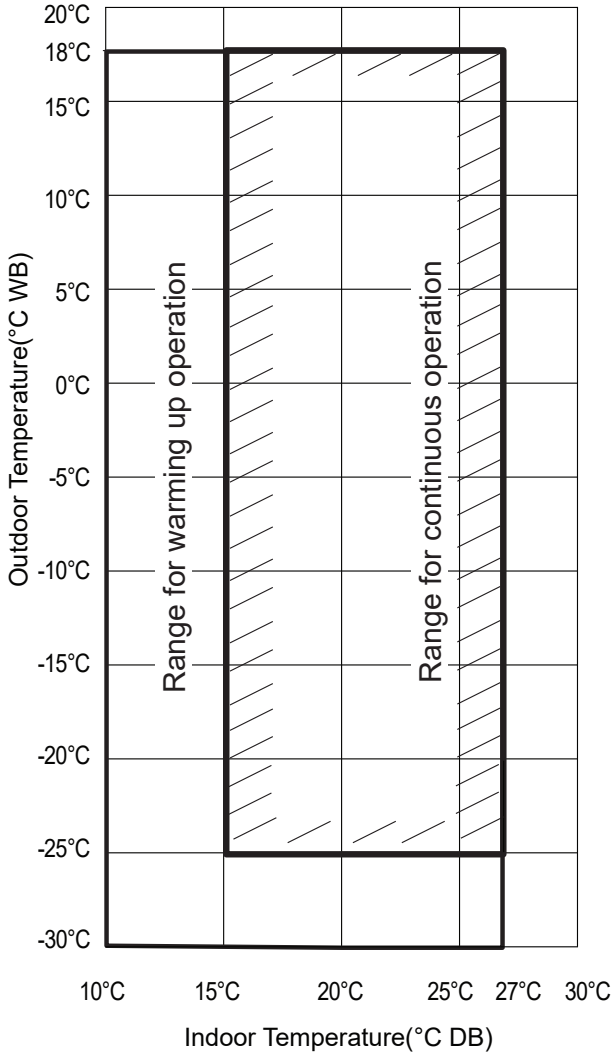
5.9.1 Cooling



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

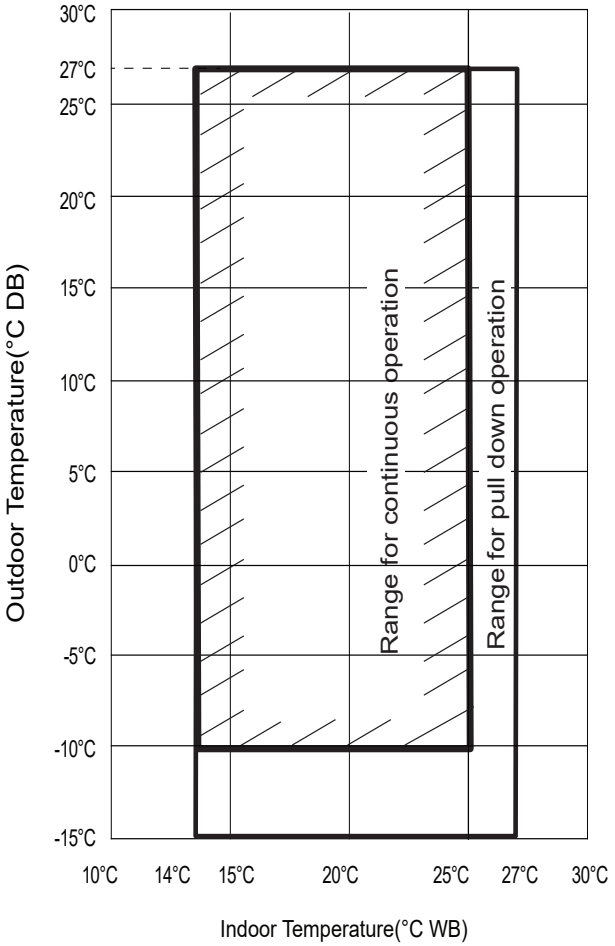
5.9.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

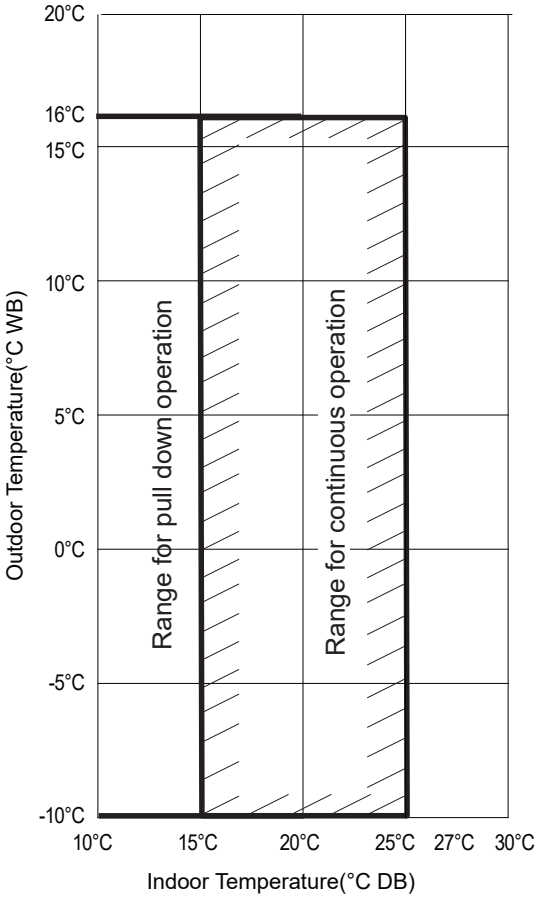
5.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

5.9.4 Simultaneous Operation (Heating)



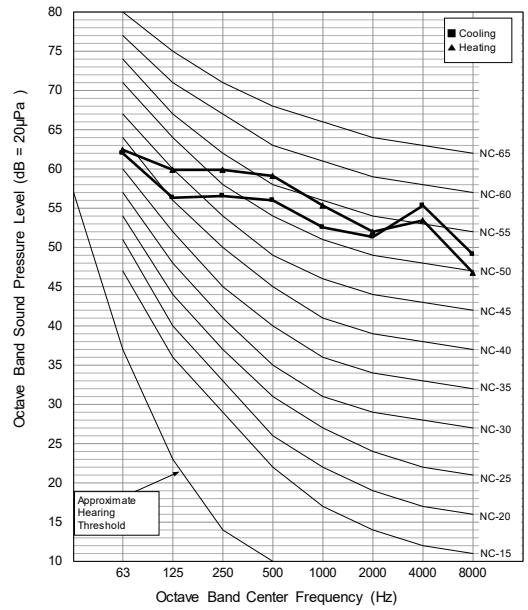
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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5.10 Sound Levels

5.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	62.0	56.3	56.5	56.0	52.6	51.4	55.3	49.1	*60.5*
Heating [dB]	62.4	59.9	59.8	59.1	55.3	52.0	53.5	46.8	*61.5*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	60.0	61.0	90	90
op4~op6, op11	59.0	59.0	85	85
op7~op9, op12	57.0	57.0	65	65

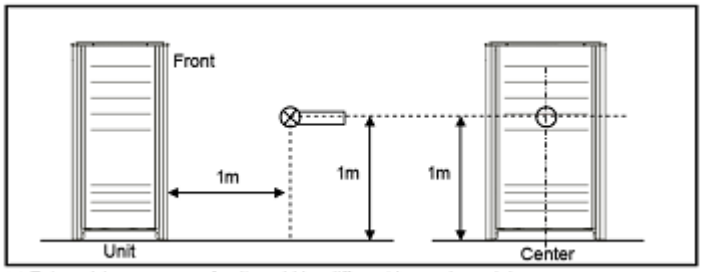
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	100
op3	60	85
op4	55	50
op5	50	35

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	60.5 / 61.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

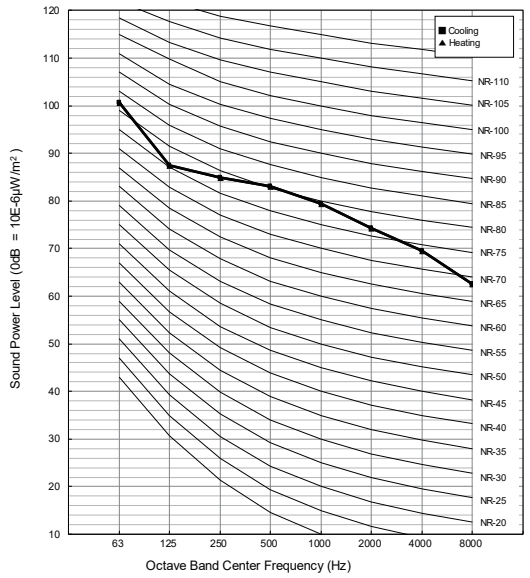
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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5.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	100.7	87.5	85.0	83.1	79.3	74.2	69.6	62.5	*85.0*
Heating [dB]	100.7	87.5	85.0	83.1	79.3	74.2	69.6	62.5	*85.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	82.0	82.0	90	90
op4~op6, op11	81.0	81.0	85	85
op7~op9, op12	79.0	79.0	65	65

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	85.0 / 85.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

6. ARUM180LTE6

6.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB
	Combination Unit (1)	-	ARUM180LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	23.51 - 22.34 - 21.53
	Running Current by Voltage (Heating,Rated)	A	17.30 - 16.44 - 15.84
Cooling Capacity	Rated	kW	50.4
		Btu/h	172,000
Heating Capacity	Rated	kW	50.4
		Btu/h	172,000
	Max	kW	56.7
		Btu/h	193,500
Power Input(Cooling)	Rated	kW	14.39
Power Input(Heating)	Rated	kW	10.59
Efficiency	EER(Rated)	W/W	3.50
	COP(Rated)	W/W	4.76
	SEER	Wh/Wh	8.65
	SCOP	Wh/Wh	4.81
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	320 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	900 x 2
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 x 2
	Number of Revolution	rev./min	3,600 x 2
	Motor Output	W x No.	5,300 x 2
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	1
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,240 x 1,745 x 760
	Shipping(W x H x D)	mm	1,282 x 1,919 x 802
Weight	Net	kg	300
	Shipping	kg	310
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	16.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	33.400
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ15.88 (5/8)
	Gas	mm(inch)	Φ28.58 (1-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ22.2 (7/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	61.0 / 62.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	85.0 / 86.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	44.8
	Maximum Fuse Amperes (MFA)	A	50
	Total Over Current Amperes (TOCA)	A	50.0
	Comp_Maximum Starting Current (MSC)	A	11.8
	Comp_Rated Load Amperes (Cooling)	A	21.0
	Comp_Rated Load Amperes (Heating)	A	14.8
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	2.5
Connectable indoor units number	Max. (Conditional)	Units	29(45)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

6. ARUM180LTE6

6.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

6. ARUM180LTE6

6.3 Accessory Compatibility List

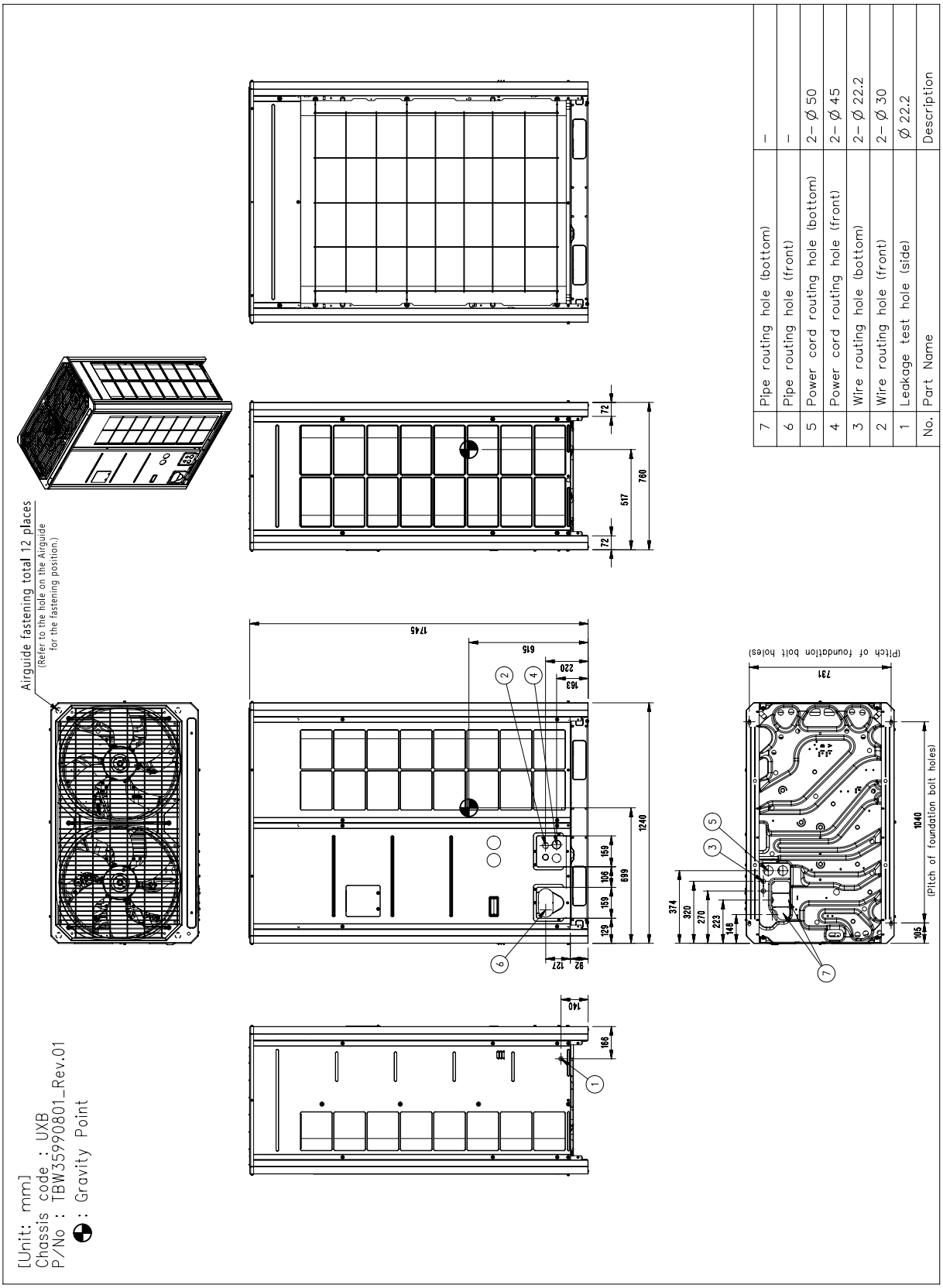
Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

6. ARUM180LTE6

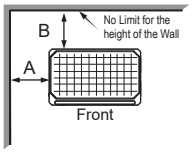
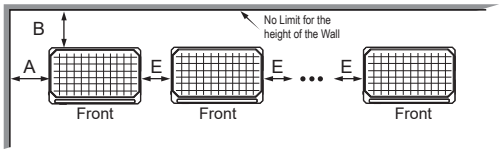
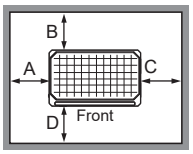
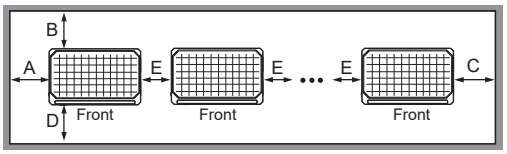
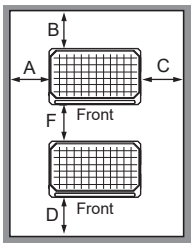
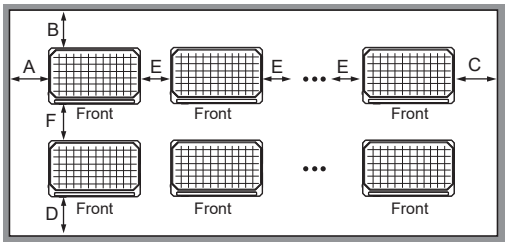
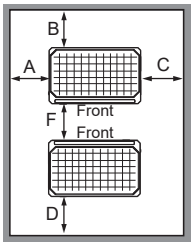
6.4 Dimensions



6. ARUM180LTE6

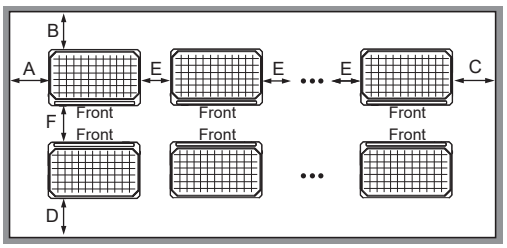
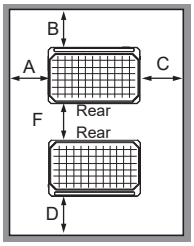
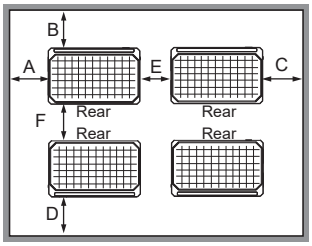
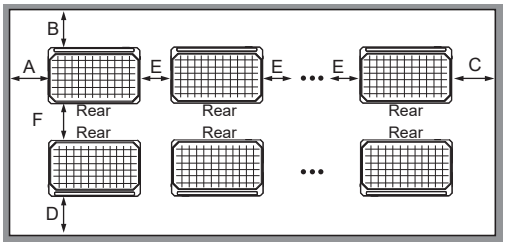
6.4.2 Installation Space

[Unit : mm(inch)]

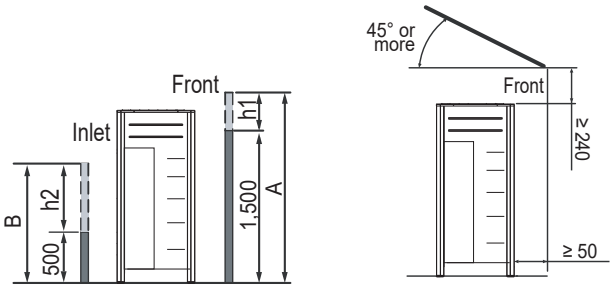
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

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[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

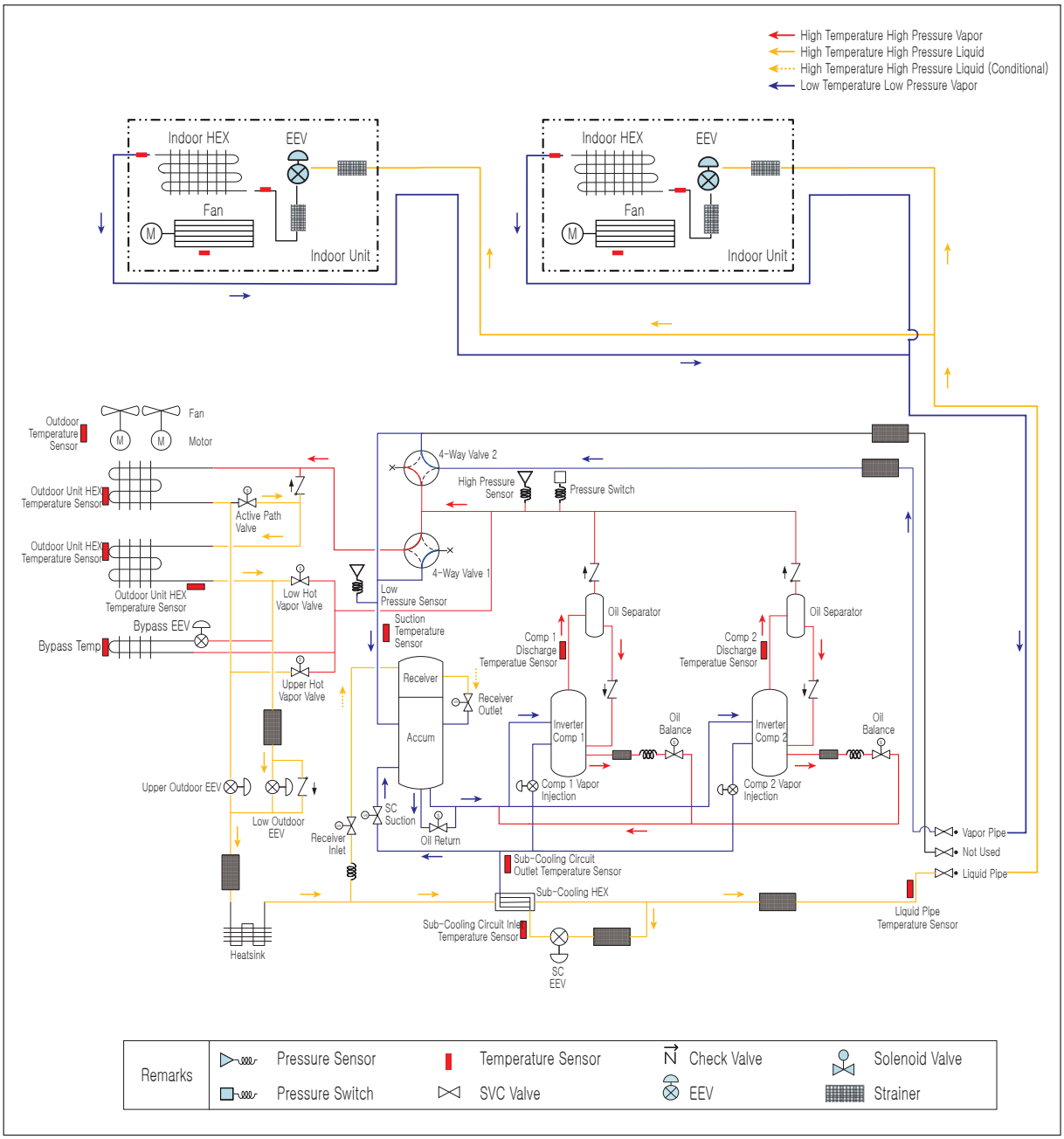
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

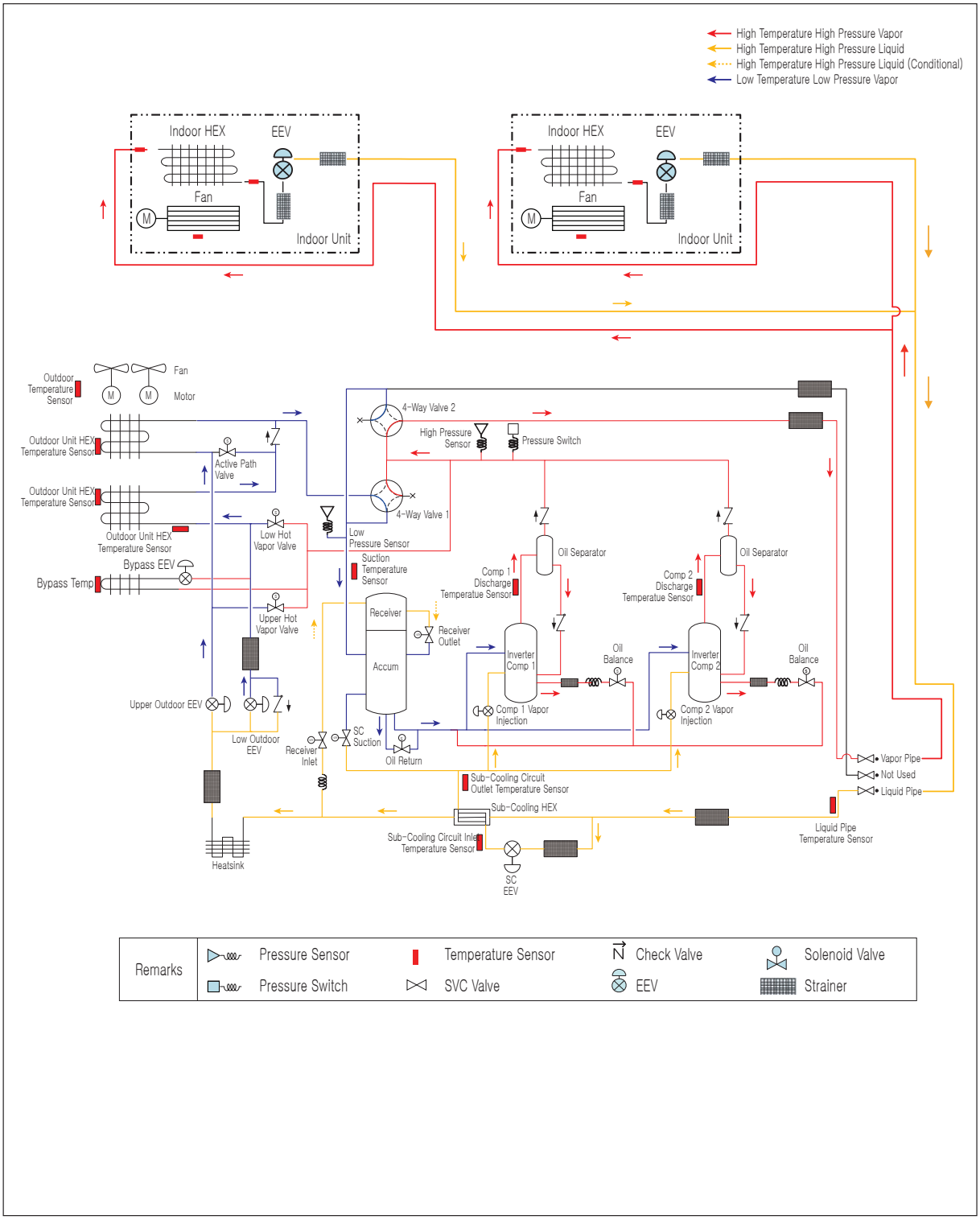
6. ARUM180LTE6

6.5 Piping Diagrams

6.5.1 Heat Pump : Cooling

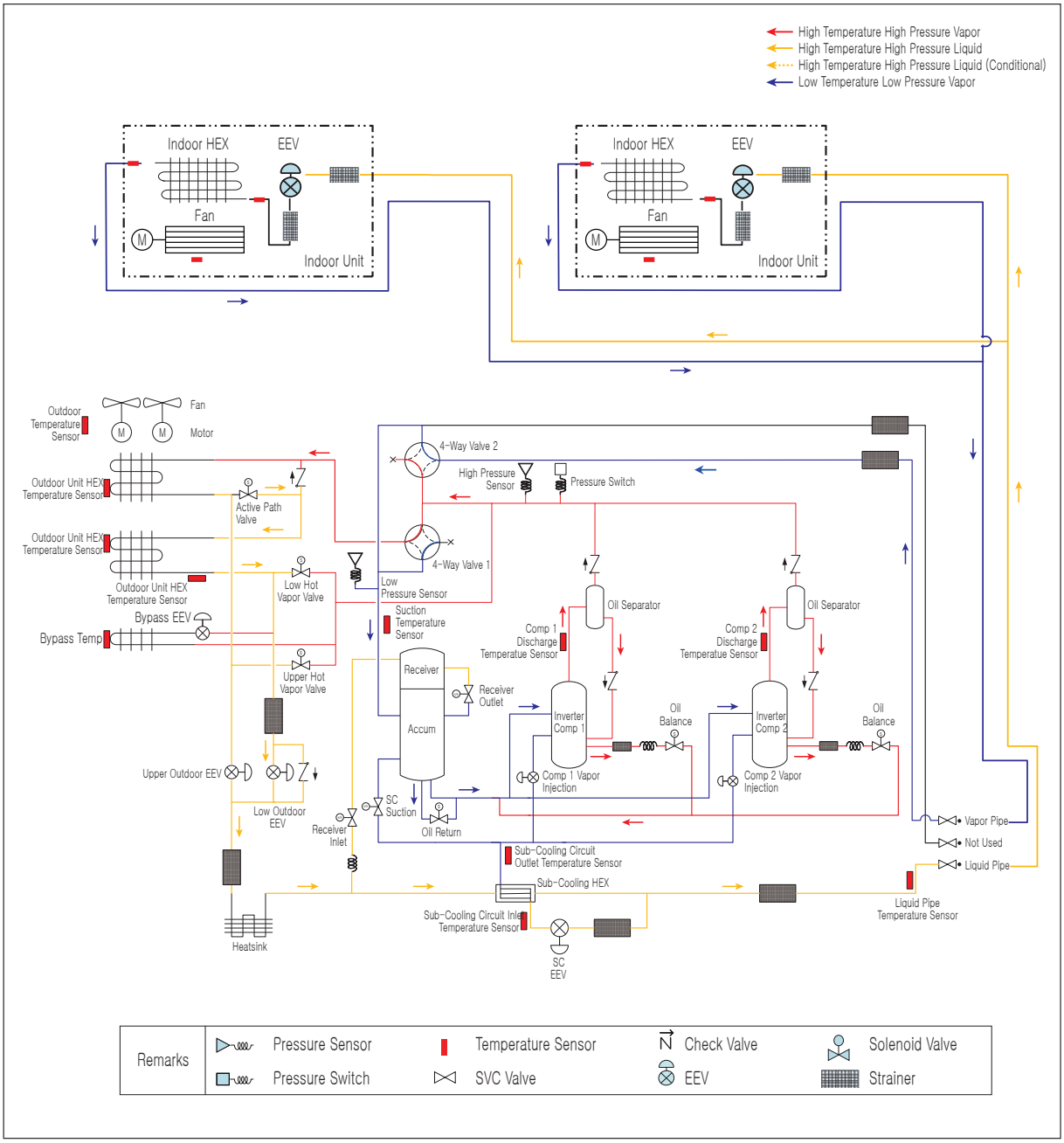


6.5.2 Heat Pump : Heating



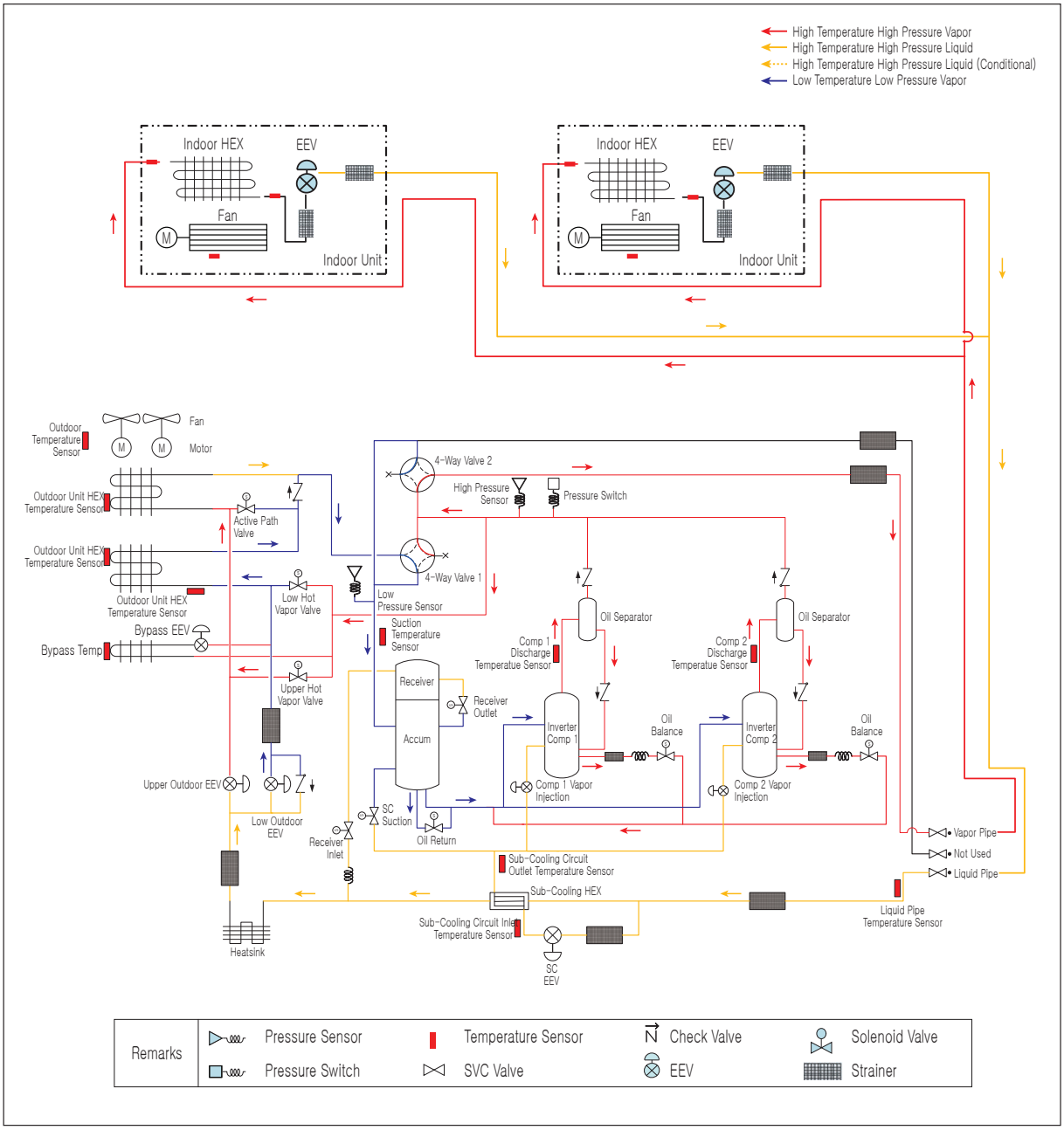
6. ARUM180LTE6

6.5.3 Heat Pump : Defrost / Oil Return

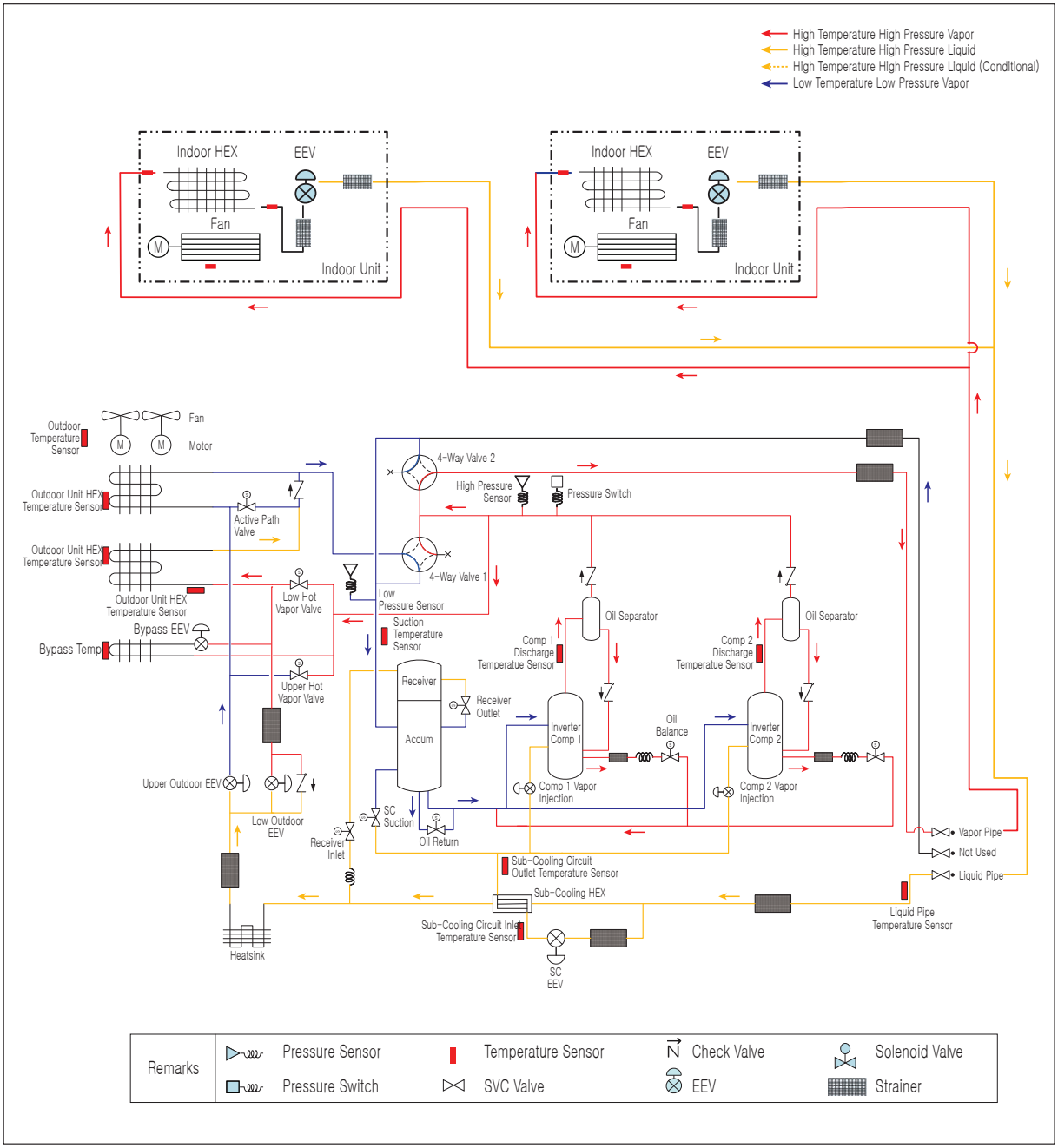


6. ARUM180LTE6

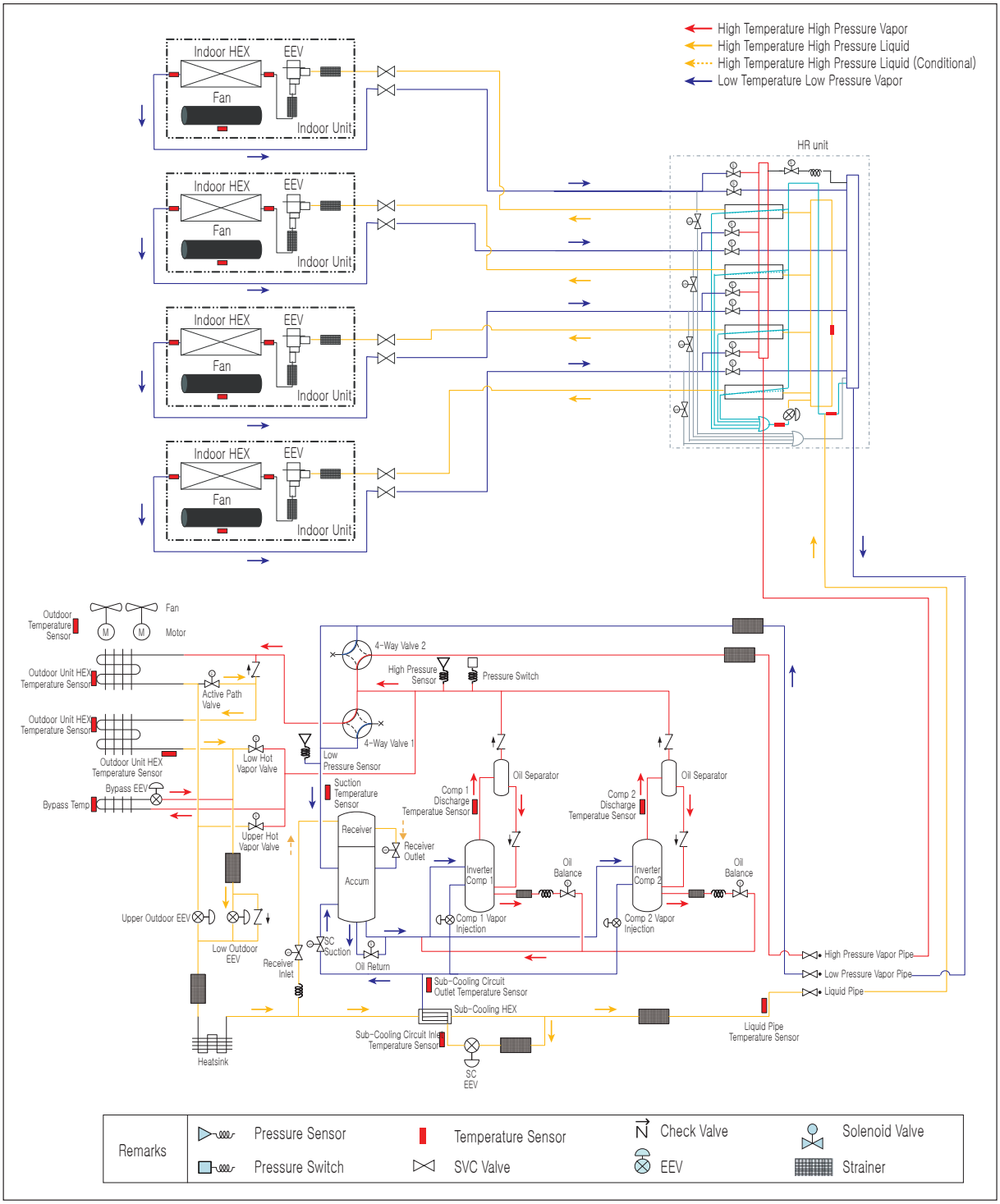
6.5.4 Heat Pump : Upper HEX Defrost



6.5.5 Heat Pump : Lower HEX Defrost

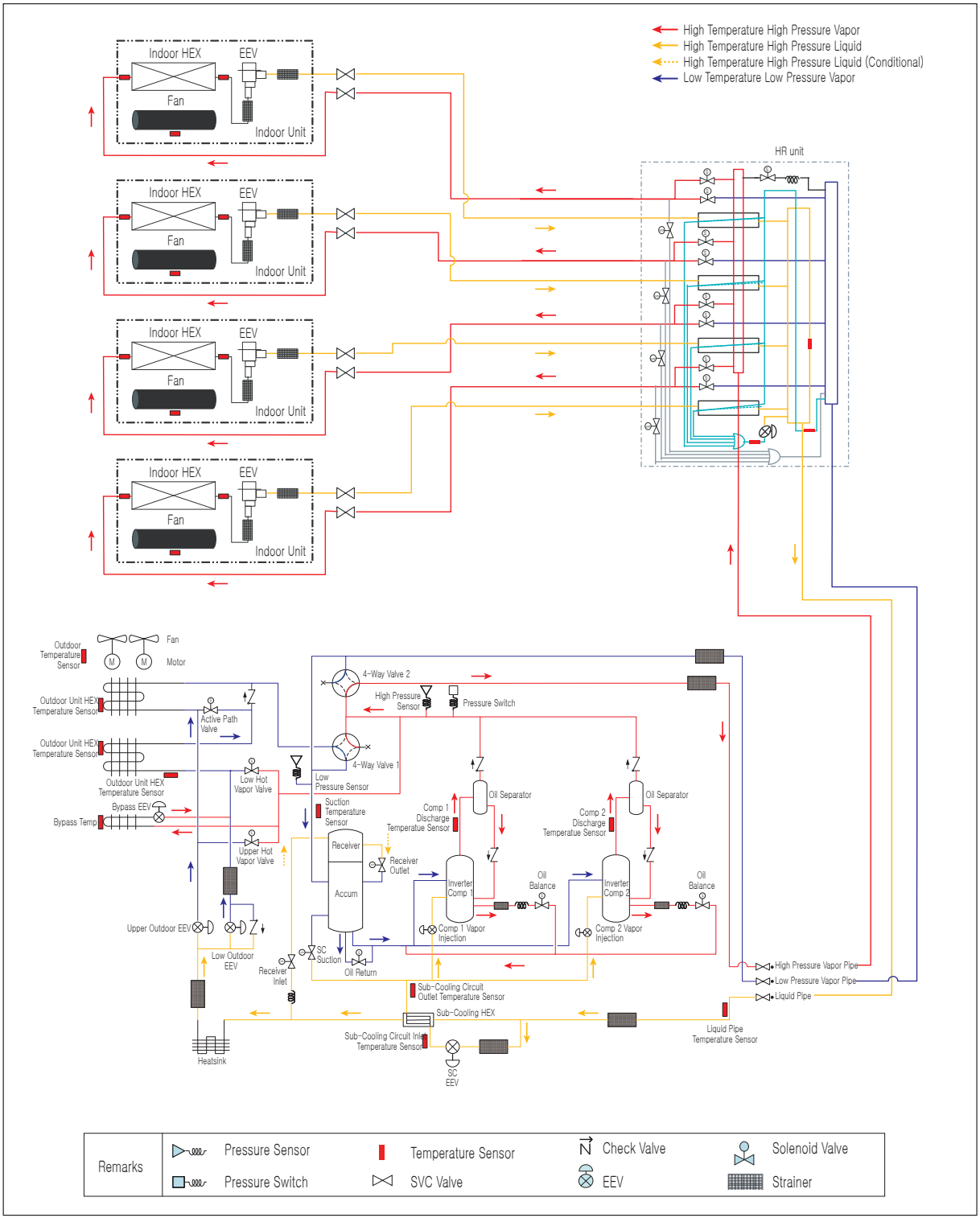


6.5.6 Heat Recovery : Cooling



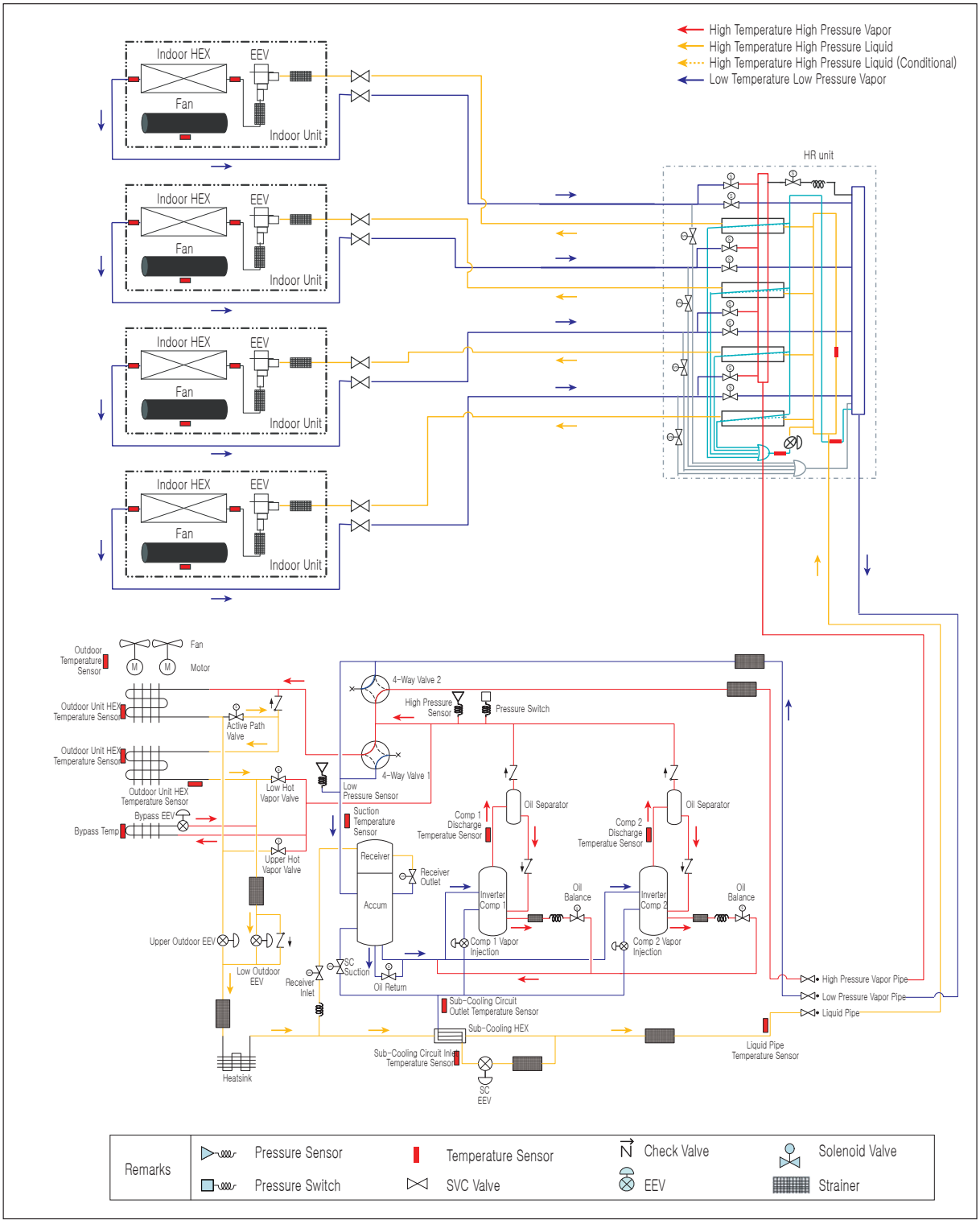
6. ARUM180LTE6

6.5.7 Heat Recovery : Heating

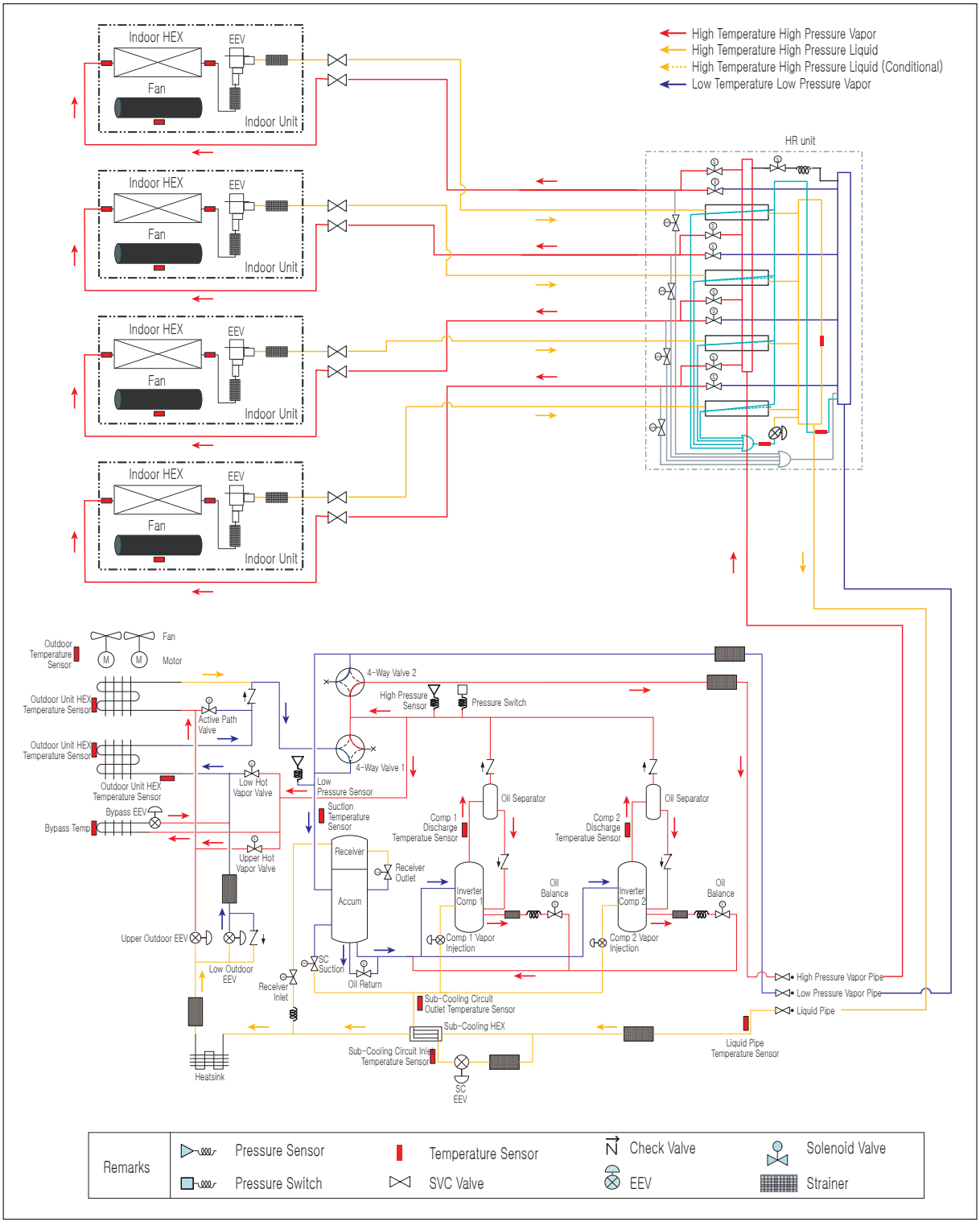


6. ARUM180LTE6

6.5.8 Heat Recovery : Defrost / Oil Return

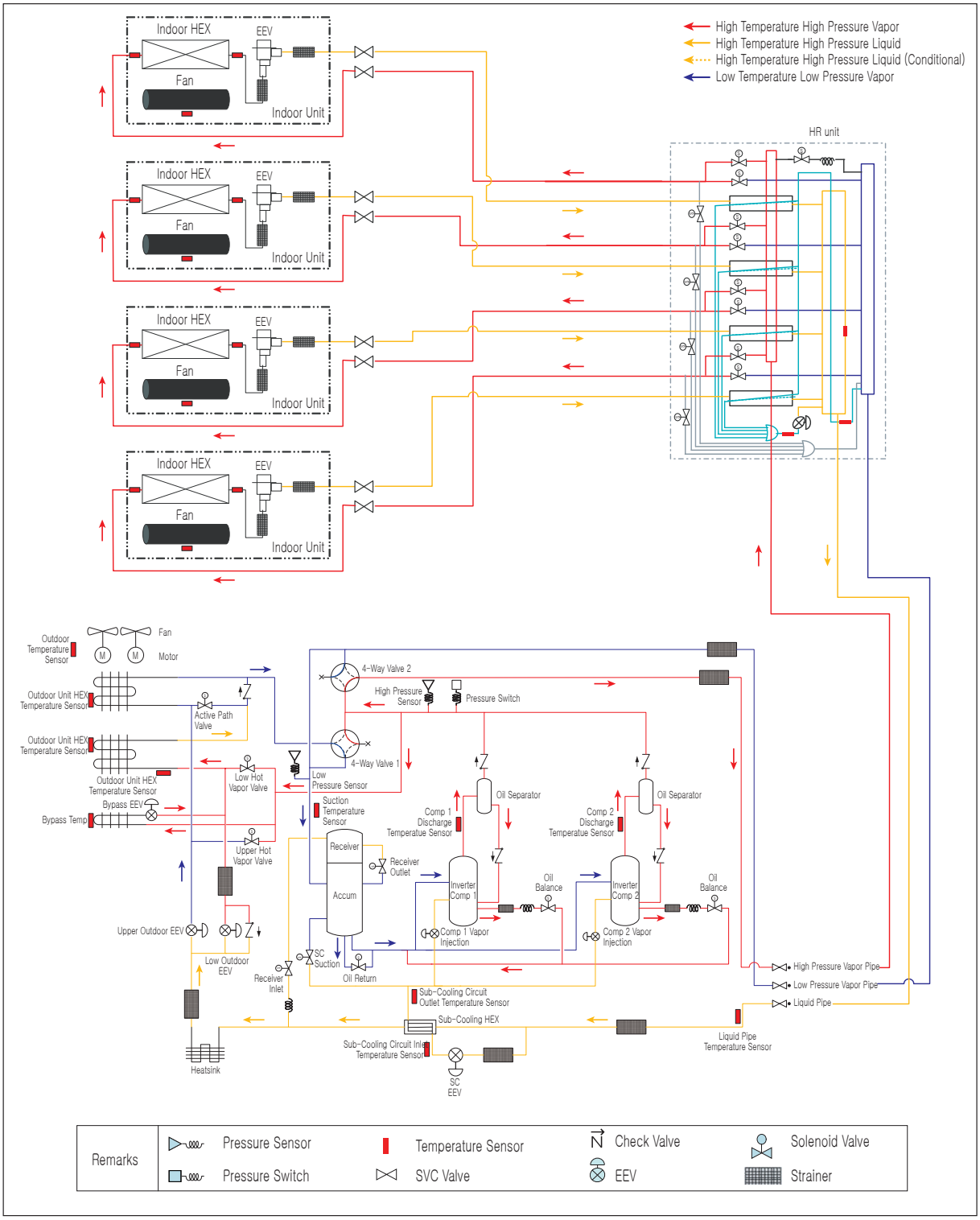


6.5.9 Heat Recovery : Upper HEX Defrost

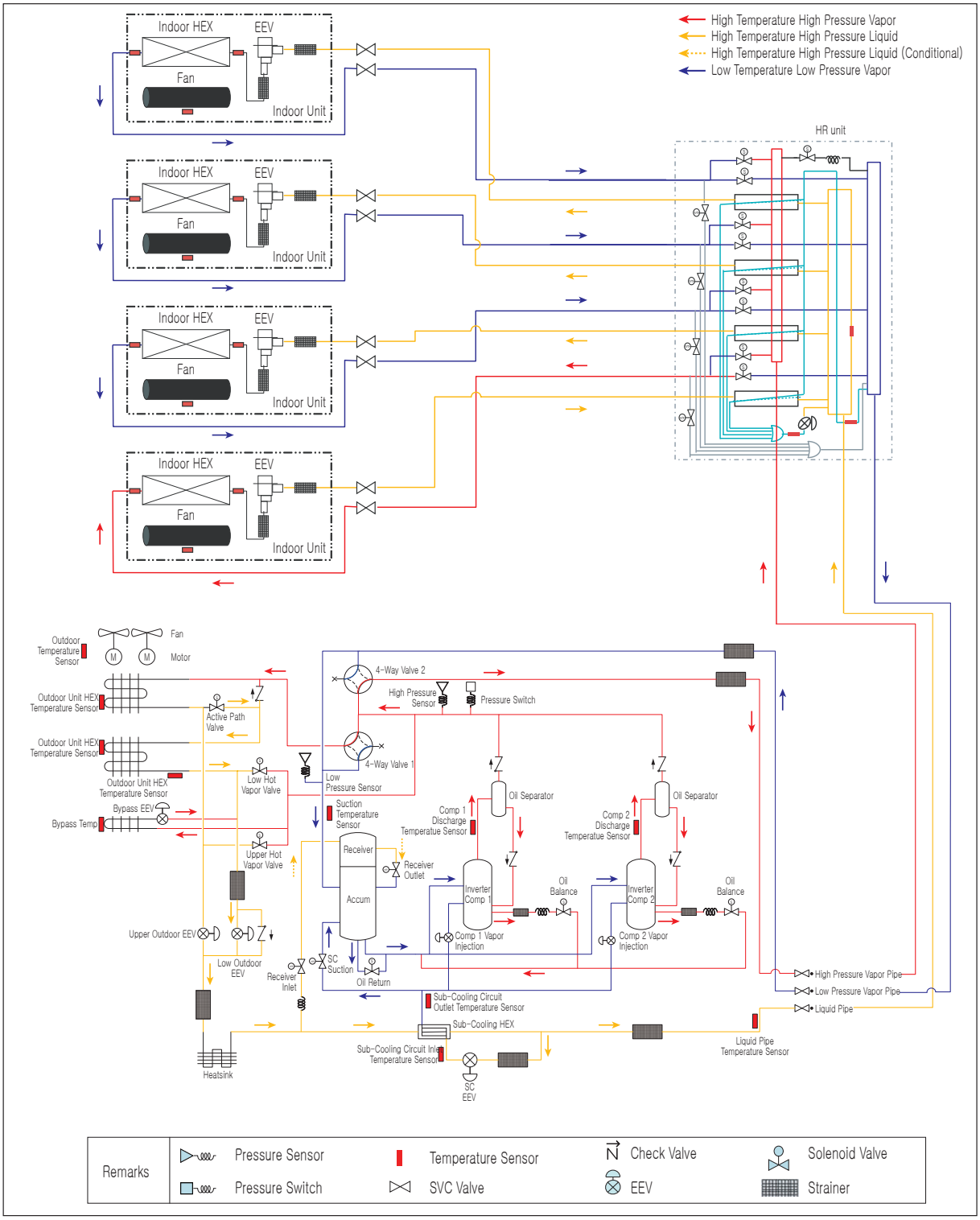


6. ARUM180LTE6

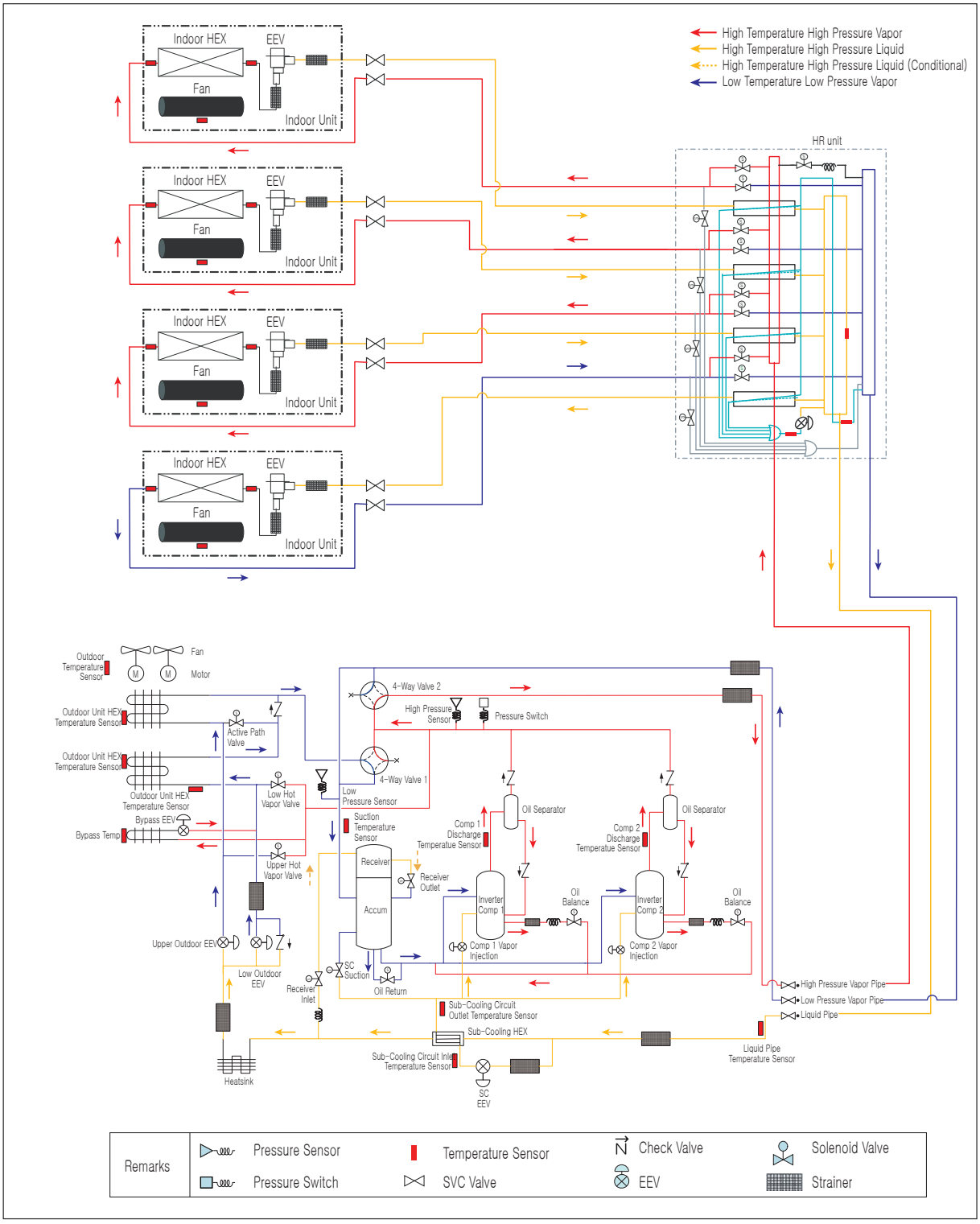
6.5.10 Heat Recovery : Lower HEX Defrost



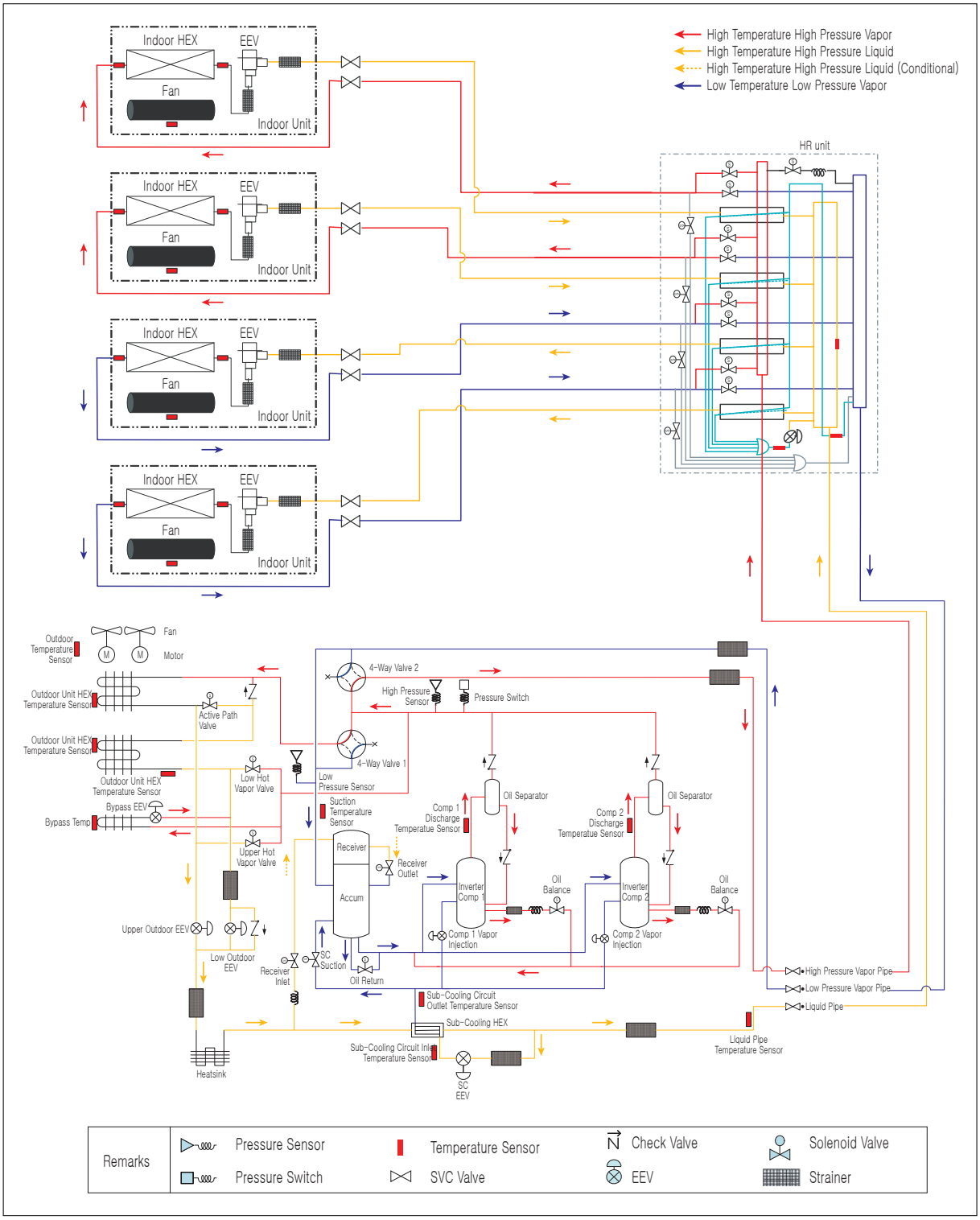
6.5.11 Heat Recovery : Cooling-based Simultaneous Operation



6.5.12 Heat Recovery : Heating-based Simultaneous Operation

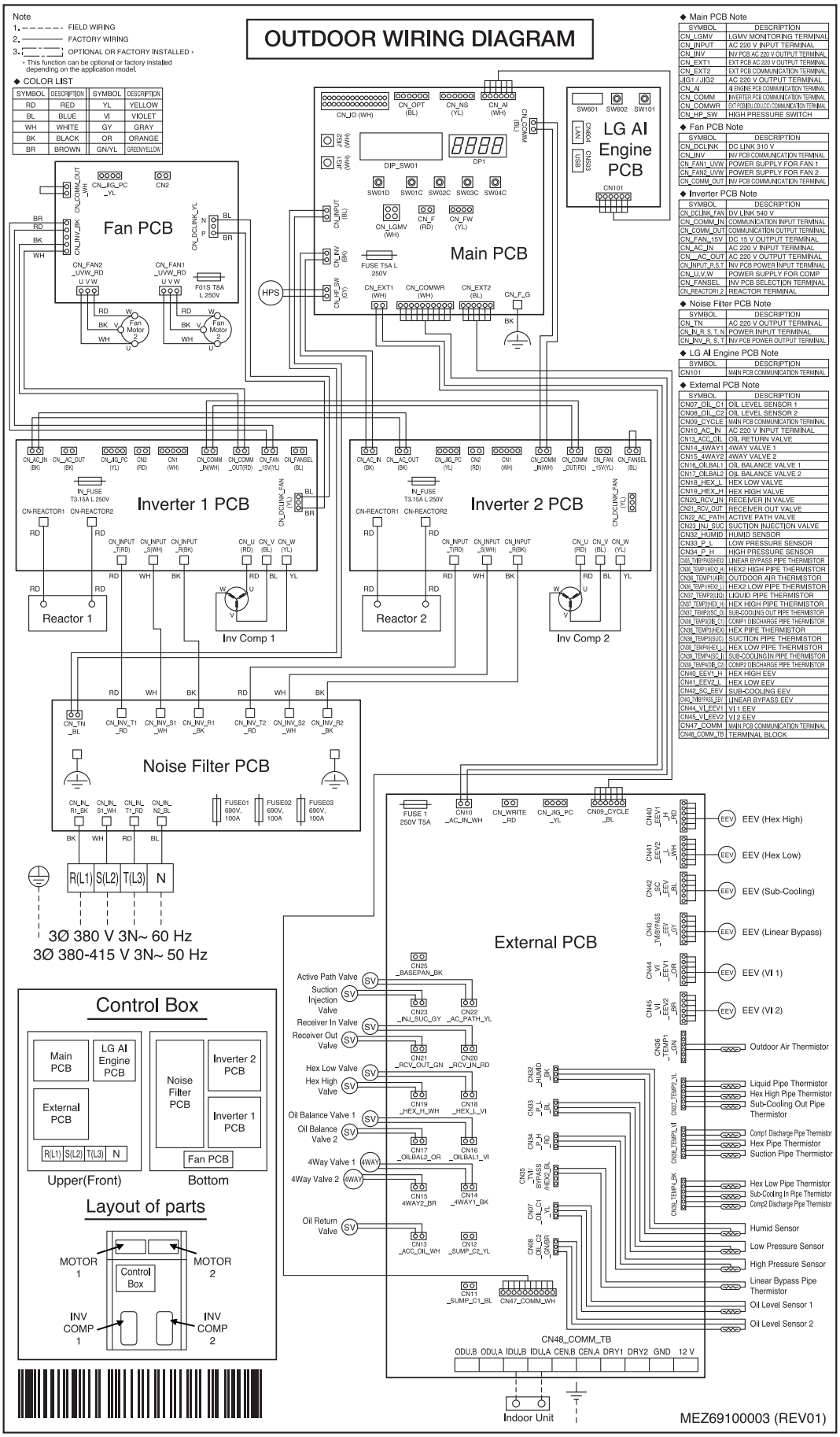


6.5.13 Heat Recovery : Balanced Simultaneous Operation



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6.6 Wiring Diagrams



6. ARUM180LTE6

6.7 Capacity Tables

6.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	39.40	3.81	49.70	5.05	60.80	7.05	65.50	8.13	70.80	9.55	75.20	10.94	78.80	12.15
	12	39.40	4.13	49.70	5.56	60.80	7.78	65.50	8.98	70.80	10.52	75.20	12.01	78.80	13.26
	14	39.40	4.50	49.70	6.11	60.80	8.59	65.50	9.90	70.80	11.57	75.20	13.19	78.80	14.43
	16	39.40	4.90	49.70	6.73	60.80	9.48	65.50	10.91	70.80	12.73	75.20	14.47	78.80	15.70
	18	39.40	5.35	49.70	7.42	60.80	10.45	65.50	12.01	70.80	14.00	75.20	15.88	78.80	17.04
	20	39.40	5.86	49.70	8.17	60.80	11.51	65.50	13.22	70.80	15.29	75.20	16.90	78.80	17.90
	21	39.40	6.13	49.70	8.57	60.80	12.08	65.50	13.82	70.80	15.76	75.20	17.34	78.80	18.35
	23	39.40	6.72	49.70	9.44	60.80	13.04	65.50	14.70	70.80	16.75	75.20	18.26	78.80	19.29
	25	39.40	7.37	49.70	10.26	60.80	13.88	65.50	15.65	70.80	17.82	75.20	19.24	78.80	20.30
	27	39.40	8.02	49.70	10.93	60.80	14.79	65.50	16.66	70.80	18.87	75.20	20.29	78.80	21.40
	29	39.40	8.55	49.70	11.65	60.80	15.76	65.50	17.76	70.80	19.93	75.20	21.43	78.80	22.60
	31	39.40	9.11	49.70	12.42	60.80	16.80	65.50	18.95	70.80	21.08	75.20	22.67	78.80	23.91
	33	39.40	9.71	49.70	13.24	60.80	17.93	65.50	20.26	70.80	22.32	75.20	24.03	76.40	24.46
	35	39.40	10.35	49.70	14.12	60.80	19.17	65.50	21.58	70.80	23.68	71.10	23.82	71.00	23.79
	37	39.40	11.04	49.70	15.07	60.80	20.52	65.50	22.90	65.90	23.08	65.90	23.07	65.90	23.08
	39	39.40	11.77	49.70	16.08	60.80	22.02	60.90	22.06	60.90	22.11	60.90	22.08	60.90	22.07
	41	39.40	12.55	49.70	17.17	56.00	20.64	56.10	20.70	56.10	20.67	56.00	20.63	56.10	20.68
	43	39.40	13.38	49.70	18.36	51.40	19.35	51.40	19.34	51.40	19.35	51.40	19.31	51.40	19.34
	46	39.40	14.75	44.90	17.55	44.90	17.57	44.80	17.55	44.90	17.56	44.80	17.54	44.80	17.54
	48	39.40	15.74	40.80	16.48	40.80	16.50	40.80	16.49	40.80	16.49	40.70	16.48	40.80	16.50
	50	37.00	15.54	36.90	15.54	36.90	15.53	36.90	15.52	36.80	15.50	36.90	15.51	36.90	15.54
	52	33.30	14.67	33.20	14.64	33.20	14.64	33.30	14.67	33.20	14.64	33.20	14.65	33.30	14.66
120	10	36.30	3.54	45.90	4.53	56.10	6.11	60.50	6.97	65.30	8.09	69.50	9.18	72.70	10.13
	12	36.30	3.82	45.90	4.96	56.10	6.75	60.50	7.70	65.30	8.93	69.50	10.12	72.70	11.14
	14	36.30	4.13	45.90	5.45	56.10	7.45	60.50	8.50	65.30	9.85	69.50	11.14	72.70	12.25
	16	36.30	4.48	45.90	5.98	56.10	8.22	60.50	9.38	65.30	10.85	69.50	12.26	72.70	13.46
	18	36.30	4.87	45.90	6.57	56.10	9.06	60.50	10.34	65.30	11.95	69.50	13.48	72.70	14.79
	20	36.30	5.31	45.90	7.23	56.10	9.99	60.50	11.39	65.30	13.15	69.50	14.80	72.70	16.03
	21	36.30	5.55	45.90	7.58	56.10	10.48	60.50	11.95	65.30	13.76	69.50	15.26	72.70	16.52
	23	36.30	6.07	45.90	8.34	56.10	11.51	60.50	12.91	65.30	14.63	69.50	16.22	72.70	17.51
	25	36.30	6.64	45.90	9.18	56.10	12.26	60.50	13.75	65.30	15.58	69.50	17.26	72.70	18.47
	27	36.30	7.28	45.90	9.78	56.10	13.07	60.50	14.65	65.30	16.59	69.50	18.38	72.70	19.49
	29	36.30	7.76	45.90	10.43	56.10	13.93	60.50	15.61	65.30	17.68	69.50	19.50	72.70	20.58
	31	36.30	8.26	45.90	11.12	56.10	14.85	60.50	16.65	65.30	18.87	69.50	20.62	72.70	21.76
	33	36.30	8.80	45.90	11.85	56.10	15.83	60.50	17.77	65.30	20.17	69.50	21.83	72.70	23.05
	35	36.30	9.38	45.90	12.64	56.10	16.90	60.50	18.98	65.30	21.51	69.50	23.15	71.10	23.83
	37	36.30	10.00	45.90	13.48	56.10	18.05	60.50	20.32	65.30	22.82	65.90	23.09	65.90	23.06
	39	36.30	10.67	45.90	14.38	56.10	19.31	60.50	21.80	61.00	22.11	60.90	22.09	60.90	22.10
	41	36.30	11.37	45.90	15.34	56.10	20.66	56.10	20.66	56.00	20.64	56.10	20.68	56.10	20.68
	43	36.30	12.13	45.90	16.38	51.50	19.38	51.50	19.37	51.40	19.35	51.40	19.32	51.40	19.36
	46	36.30	13.36	44.90	17.56	44.90	17.56	44.90	17.56	44.80	17.54	44.80	17.54	44.80	17.53
	48	36.30	14.26	40.80	16.48	40.80	16.49	40.80	16.50	40.70	16.48	40.70	16.48	40.70	16.46
	50	36.30	15.22	37.00	15.55	36.90	15.52	36.90	15.53	36.90	15.54	36.70	15.41	36.90	15.52
	52	33.30	14.66	33.30	14.67	33.20	14.65	33.20	14.65	33.30	14.66	33.30	14.67	33.20	14.64
110	10	33.30	3.31	42.10	4.09	51.50	5.32	55.40	5.98	59.90	6.85	63.70	7.69	66.60	8.42
	12	33.30	3.54	42.10	4.45	51.50	5.86	55.40	6.60	59.90	7.56	63.70	8.49	66.60	9.29
	14	33.30	3.80	42.10	4.86	51.50	6.45	55.40	7.29	59.90	8.35	63.70	9.37	66.60	10.24

6. ARUM180LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	33.30	4.10	42.10	5.32	51.50	7.11	55.40	8.04	59.90	9.21	63.70	10.33	66.60	11.28
	18	33.30	4.44	42.10	5.83	51.50	7.84	55.40	8.86	59.90	10.16	63.70	11.38	66.60	12.42
	20	33.30	4.82	42.10	6.39	51.50	8.63	55.40	9.77	59.90	11.19	63.70	12.53	66.60	13.67
	21	33.30	5.02	42.10	6.69	51.50	9.06	55.40	10.25	59.90	11.75	63.70	13.15	66.60	14.22
	23	33.30	5.47	42.10	7.35	51.50	9.98	55.40	11.29	59.90	12.72	63.70	14.03	66.60	15.13
	25	33.30	5.97	42.10	8.08	51.50	10.78	55.40	12.03	59.90	13.55	63.70	14.94	66.60	16.10
	27	33.30	6.53	42.10	8.72	51.50	11.49	55.40	12.82	59.90	14.43	63.70	15.91	66.60	17.15
	29	33.30	7.02	42.10	9.29	51.50	12.25	55.40	13.66	59.90	15.38	63.70	16.96	66.60	18.28
	31	33.30	7.47	42.10	9.91	51.50	13.06	55.40	14.56	59.90	16.39	63.70	18.09	66.60	19.51
	33	33.30	7.95	42.10	10.56	51.50	13.92	55.40	15.53	59.90	17.50	63.70	19.32	66.60	20.79
	35	33.30	8.47	42.10	11.26	51.50	14.85	55.40	16.57	59.90	18.69	63.70	20.68	66.60	22.03
	37	33.30	9.03	42.10	12.01	51.50	15.84	55.40	17.70	59.90	20.00	63.70	22.13	66.00	23.10
	39	33.30	9.63	42.10	12.80	51.50	16.91	55.40	18.92	59.90	21.44	60.90	22.09	60.90	22.05
	41	33.30	10.27	42.10	13.65	51.50	18.08	55.40	20.27	56.10	20.66	56.00	20.64	56.00	20.64
	43	33.30	10.96	42.10	14.57	51.50	19.35	51.50	19.38	51.50	19.36	51.40	19.34	51.40	19.33
	46	33.30	12.07	42.10	16.06	44.90	17.56	44.90	17.56	44.80	17.54	44.80	17.54	44.80	17.55
	48	33.30	12.87	40.90	16.52	40.80	16.52	40.70	16.47	40.80	16.51	40.80	16.51	40.80	16.50
	50	33.30	13.73	37.00	15.55	36.90	15.54	36.90	15.52	36.90	15.52	36.80	15.50	36.90	15.54
	52	33.30	14.65	33.30	14.67	33.30	14.66	33.20	14.64	33.30	14.67	33.30	14.66	33.20	14.64
100	10	30.30	3.11	38.20	3.71	46.80	4.65	50.40	5.15	54.40	5.81	57.90	6.45	60.60	7.00
	12	30.30	3.30	38.20	4.01	46.80	5.10	50.40	5.67	54.40	6.41	57.90	7.12	60.60	7.73
	14	30.30	3.52	38.20	4.35	46.80	5.60	50.40	6.24	54.40	7.07	57.90	7.86	60.60	8.53
	16	30.30	3.77	38.20	4.74	46.80	6.15	50.40	6.88	54.40	7.80	57.90	8.67	60.60	9.41
	18	30.30	4.05	38.20	5.17	46.80	6.76	50.40	7.58	54.40	8.60	57.90	9.56	60.60	10.38
	20	30.30	4.37	38.20	5.65	46.80	7.44	50.40	8.35	54.40	9.48	57.90	10.54	60.60	11.43
	21	30.30	4.55	38.20	5.90	46.80	7.81	50.40	8.76	54.40	9.95	57.90	11.06	60.60	12.00
	23	30.30	4.93	38.20	6.47	46.80	8.59	50.40	9.64	54.40	10.95	57.90	12.06	60.60	12.96
	25	30.30	5.36	38.20	7.09	46.80	9.43	50.40	10.46	54.40	11.71	57.90	12.85	60.60	13.80
	27	30.30	5.85	38.20	7.74	46.80	10.05	50.40	11.15	54.40	12.48	57.90	13.69	60.60	14.70
	29	30.30	6.33	38.20	8.24	46.80	10.71	50.40	11.88	54.40	13.30	57.90	14.59	60.60	15.66
	31	30.30	6.73	38.20	8.78	46.80	11.42	50.40	12.67	54.40	14.17	57.90	15.55	60.60	16.70
	33	30.30	7.16	38.20	9.36	46.80	12.17	50.40	13.50	54.40	15.11	57.90	16.59	60.60	17.83
	35	30.30	7.62	38.20	9.98	46.80	12.98	50.40	14.40	54.40	16.13	57.90	17.72	60.60	19.05
	37	30.30	8.12	38.20	10.64	46.80	13.84	50.40	15.36	54.40	17.22	57.90	18.94	60.60	20.39
	39	30.30	8.66	38.20	11.35	46.80	14.77	50.40	16.40	54.40	18.40	57.90	20.28	60.60	21.87
	41	30.30	9.24	38.20	12.10	46.80	15.76	50.40	17.52	54.40	19.70	56.10	20.67	56.10	20.68
	43	30.30	9.85	38.20	12.91	46.80	16.83	50.40	18.74	51.40	19.34	51.50	19.36	51.50	19.36
	46	30.30	10.86	38.20	14.22	44.90	17.59	44.90	17.57	44.90	17.56	44.90	17.56	44.90	17.57
	48	30.30	11.58	38.20	15.17	40.80	16.50	40.80	16.50	40.80	16.48	40.80	16.49	40.80	16.49
	50	30.30	12.36	37.00	15.54	36.90	15.54	36.90	15.54	36.90	15.52	36.90	15.53	36.90	15.53
	52	30.30	13.18	33.30	14.68	33.30	14.67	33.30	14.65	33.30	14.68	33.30	14.68	33.30	14.67
90	10	27.30	2.94	34.40	3.39	42.10	4.09	45.30	4.47	49.00	4.95	52.10	5.42	54.50	5.82
	12	27.30	3.09	34.40	3.64	42.10	4.46	45.30	4.89	49.00	5.44	52.10	5.97	54.50	6.43
	14	27.30	3.27	34.40	3.92	42.10	4.87	45.30	5.36	49.00	5.98	52.10	6.58	54.50	7.09
	16	27.30	3.48	34.40	4.23	42.10	5.32	45.30	5.88	49.00	6.59	52.10	7.25	54.50	7.82
	18	27.30	3.71	34.40	4.59	42.10	5.83	45.30	6.46	49.00	7.25	52.10	7.99	54.50	8.62
	20	27.30	3.98	34.40	4.99	42.10	6.40	45.30	7.11	49.00	7.99	52.10	8.81	54.50	9.50
	21	27.30	4.13	34.40	5.21	42.10	6.71	45.30	7.45	49.00	8.38	52.10	9.25	54.50	9.97
	23	27.30	4.45	34.40	5.68	42.10	7.36	45.30	8.20	49.00	9.22	52.10	10.18	54.50	10.99
	25	27.30	4.82	34.40	6.21	42.10	8.09	45.30	9.02	49.00	10.05	52.10	10.97	54.50	11.74
	27	27.30	5.23	34.40	6.79	42.10	8.73	45.30	9.63	49.00	10.71	52.10	11.70	54.50	12.51

6. ARUM180LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	27.30	5.69	34.40	7.28	42.10	9.31	45.30	10.26	49.00	11.42	52.10	12.47	54.50	13.33
	31	27.30	6.04	34.40	7.75	42.10	9.92	45.30	10.94	49.00	12.17	52.10	13.29	54.50	14.21
	33	27.30	6.42	34.40	8.25	42.10	10.58	45.30	11.67	49.00	12.98	52.10	14.17	54.50	15.15
	35	27.30	6.82	34.40	8.80	42.10	11.28	45.30	12.44	49.00	13.84	52.10	15.11	54.50	16.17
	37	27.30	7.27	34.40	9.38	42.10	12.02	45.30	13.26	49.00	14.76	52.10	16.13	54.50	17.26
	39	27.30	7.75	34.40	10.00	42.10	12.82	45.30	14.15	49.00	15.75	52.10	17.22	54.50	18.45
	41	27.30	8.26	34.40	10.66	42.10	13.67	45.30	15.09	49.00	16.82	52.10	18.41	54.50	19.75
	43	27.30	8.82	34.40	11.37	42.10	14.59	45.30	16.11	49.00	17.98	51.50	19.34	51.40	19.35
	46	27.30	9.72	34.40	12.53	42.10	16.09	44.90	17.58	44.90	17.56	44.90	17.56	44.90	17.57
	48	27.30	10.37	34.40	13.37	40.90	16.52	40.80	16.51	40.80	16.50	40.80	16.50	40.80	16.50
	50	27.30	11.07	34.40	14.26	37.00	15.55	37.00	15.55	36.90	15.53	36.90	15.53	36.90	15.54
	52	27.30	11.81	33.40	14.68	33.30	14.68	33.30	14.68	33.30	14.67	33.30	14.67	33.30	14.67
80	10	24.20	2.51	30.60	3.13	37.40	3.64	40.30	3.91	43.50	4.25	46.30	4.59	48.50	4.88
	12	24.20	2.91	30.60	3.32	37.40	3.93	40.30	4.24	43.50	4.64	46.30	5.03	48.50	5.36
	14	24.20	3.05	30.60	3.55	37.40	4.26	40.30	4.62	43.50	5.08	46.30	5.52	48.50	5.89
	16	24.20	3.22	30.60	3.80	37.40	4.62	40.30	5.04	43.50	5.57	46.30	6.06	48.50	6.48
	18	24.20	3.41	30.60	4.09	37.40	5.04	40.30	5.51	43.50	6.11	46.30	6.66	48.50	7.13
	20	24.20	3.63	30.60	4.42	37.40	5.50	40.30	6.04	43.50	6.71	46.30	7.33	48.50	7.85
	21	24.20	3.75	30.60	4.59	37.40	5.75	40.30	6.32	43.50	7.03	46.30	7.69	48.50	8.24
	23	24.20	4.02	30.60	4.98	37.40	6.29	40.30	6.93	43.50	7.73	46.30	8.46	48.50	9.07
	25	24.20	4.32	30.60	5.42	37.40	6.90	40.30	7.61	43.50	8.49	46.30	9.30	48.50	9.90
	27	24.20	4.67	30.60	5.91	37.40	7.54	40.30	8.26	43.50	9.13	46.30	9.91	48.50	10.55
	29	24.20	5.06	30.60	6.40	37.40	8.03	40.30	8.80	43.50	9.73	46.30	10.56	48.50	11.25
	31	24.20	5.40	30.60	6.80	37.40	8.56	40.30	9.38	43.50	10.37	46.30	11.26	48.50	11.99
	33	24.20	5.73	30.60	7.23	37.40	9.12	40.30	10.00	43.50	11.05	46.30	12.00	48.50	12.78
	35	24.20	6.08	30.60	7.70	37.40	9.72	40.30	10.66	43.50	11.78	46.30	12.80	48.50	13.63
	37	24.20	6.47	30.60	8.21	37.40	10.37	40.30	11.37	43.50	12.57	46.30	13.65	48.50	14.54
	39	24.20	6.90	30.60	8.75	37.40	11.05	40.30	12.12	43.50	13.40	46.30	14.56	48.50	15.51
	41	24.20	7.35	30.60	9.34	37.40	11.79	40.30	12.93	43.50	14.29	46.30	15.54	48.50	16.56
	43	24.20	7.84	30.60	9.96	37.40	12.57	40.30	13.79	43.50	15.25	46.30	16.59	48.50	17.70
	46	24.20	8.65	30.60	10.97	37.40	13.85	40.30	15.20	43.50	16.83	44.90	17.55	44.90	17.56
	48	24.20	9.24	30.60	11.71	37.40	14.78	40.30	16.23	40.80	16.48	40.80	16.51	40.80	16.48
	50	24.20	9.87	30.60	12.49	37.00	15.55	37.00	15.53	36.90	15.52	36.90	15.52	36.90	15.52
	52	24.20	10.53	30.60	13.33	33.30	14.66	33.30	14.66	33.30	14.68	33.30	14.68	33.30	14.68
70	10	21.20	2.02	26.80	2.91	32.70	3.27	35.30	3.46	38.10	3.70	40.50	3.93	42.40	4.12
	12	21.20	2.69	26.80	3.06	32.70	3.49	35.30	3.72	38.10	4.00	40.50	4.27	42.40	4.50
	14	21.20	2.81	26.80	3.23	32.70	3.75	35.30	4.01	38.10	4.34	40.50	4.65	42.40	4.91
	16	21.20	2.95	26.80	3.43	32.70	4.04	35.30	4.34	38.10	4.72	40.50	5.07	42.40	5.37
	18	21.20	3.11	26.80	3.66	32.70	4.36	35.30	4.71	38.10	5.15	40.50	5.55	42.40	5.89
	20	21.20	3.29	26.80	3.92	32.70	4.73	35.30	5.13	38.10	5.62	40.50	6.08	42.40	6.46
	21	21.20	3.39	26.80	4.06	32.70	4.93	35.30	5.36	38.10	5.88	40.50	6.37	42.40	6.77
	23	21.20	3.61	26.80	4.38	32.70	5.37	35.30	5.85	38.10	6.44	40.50	6.98	42.40	7.44
	25	21.20	3.87	26.80	4.73	32.70	5.85	35.30	6.40	38.10	7.06	40.50	7.67	42.40	8.17
	27	21.20	4.16	26.80	5.13	32.70	6.40	35.30	7.01	38.10	7.71	40.50	8.32	42.40	8.82
	29	21.20	4.49	26.80	5.58	32.70	6.89	35.30	7.49	38.10	8.21	40.50	8.86	42.40	9.39
	31	21.20	4.82	26.80	5.93	32.70	7.33	35.30	7.97	38.10	8.75	40.50	9.44	42.40	10.01
	33	21.20	5.10	26.80	6.30	32.70	7.80	35.30	8.49	38.10	9.32	40.50	10.07	42.40	10.68
	35	21.20	5.40	26.80	6.70	32.70	8.31	35.30	9.05	38.10	9.94	40.50	10.73	42.40	11.38
	37	21.20	5.74	26.80	7.14	32.70	8.86	35.30	9.65	38.10	10.60	40.50	11.44	42.40	12.14
	39	21.20	6.10	26.80	7.61	32.70	9.45	35.30	10.29	38.10	11.30	40.50	12.20	42.40	12.94
	41	21.20	6.50	26.80	8.11	32.70	10.07	35.30	10.98	38.10	12.05	40.50	13.02	42.40	13.80

6. ARUM180LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	21.20	6.94	26.80	8.65	32.70	10.75	35.30	11.71	38.10	12.85	40.50	13.88	42.40	14.73
	46	21.20	7.65	26.80	9.54	32.70	11.84	35.30	12.90	38.10	14.16	40.50	15.30	42.40	16.24
	48	21.20	8.17	26.80	10.18	32.70	12.63	35.30	13.76	38.10	15.11	40.50	16.34	40.80	16.50
	50	21.20	8.74	26.80	10.87	32.70	13.47	35.30	14.68	37.00	15.53	37.00	15.54	36.90	15.54
	52	21.20	9.33	26.80	11.60	32.70	14.37	33.40	14.68	33.30	14.67	33.30	14.66	33.30	14.68
60	10	18.20	1.59	22.90	2.31	28.10	2.98	30.20	3.11	32.70	3.26	34.70	3.42	36.30	3.55
	12	18.20	2.45	22.90	2.83	28.10	3.15	30.20	3.30	32.70	3.49	34.70	3.67	36.30	3.82
	14	18.20	2.54	22.90	2.97	28.10	3.33	30.20	3.52	32.70	3.74	34.70	3.95	36.30	4.13
	16	18.20	2.66	22.90	3.12	28.10	3.55	30.20	3.76	32.70	4.03	34.70	4.27	36.30	4.48
	18	18.20	2.79	22.90	3.29	28.10	3.80	30.20	4.05	32.70	4.35	34.70	4.63	36.30	4.87
	20	18.20	2.94	22.90	3.49	28.10	4.08	30.20	4.37	32.70	4.72	34.70	5.04	36.30	5.31
	21	18.20	3.02	22.90	3.60	28.10	4.24	30.20	4.54	32.70	4.92	34.70	5.26	36.30	5.55
	23	18.20	3.20	22.90	3.85	28.10	4.58	30.20	4.92	32.70	5.35	34.70	5.74	36.30	6.07
	25	18.20	3.41	22.90	4.13	28.10	4.96	30.20	5.35	32.70	5.84	34.70	6.28	36.30	6.64
	27	18.20	3.65	22.90	4.45	28.10	5.39	30.20	5.84	32.70	6.38	34.70	6.87	36.30	7.28
	29	18.20	3.92	22.90	4.81	28.10	5.86	30.20	6.32	32.70	6.87	34.70	7.36	36.30	7.76
	31	18.20	4.23	22.90	5.15	28.10	6.22	30.20	6.71	32.70	7.30	34.70	7.83	36.30	8.26
	33	18.20	4.46	22.90	5.45	28.10	6.61	30.20	7.14	32.70	7.78	34.70	8.34	36.30	8.81
	35	18.20	4.72	22.90	5.79	28.10	7.03	30.20	7.61	32.70	8.29	34.70	8.89	36.30	9.39
	37	18.20	5.01	22.90	6.15	28.10	7.49	30.20	8.11	32.70	8.83	34.70	9.48	36.30	10.01
	39	18.20	5.32	22.90	6.55	28.10	7.99	30.20	8.64	32.70	9.42	34.70	10.11	36.30	10.67
	41	18.20	5.67	22.90	6.98	28.10	8.52	30.20	9.22	32.70	10.04	34.70	10.78	36.30	11.38
	43	18.20	6.06	22.90	7.45	28.10	9.09	30.20	9.83	32.70	10.71	34.70	11.50	36.30	12.14
	46	18.20	6.72	22.90	8.22	28.10	10.02	30.20	10.84	32.70	11.80	34.70	12.67	36.30	13.37
	48	18.20	7.18	22.90	8.78	28.10	10.69	30.20	11.56	32.70	12.59	34.70	13.51	36.30	14.26
	50	18.20	7.68	22.90	9.38	28.10	11.41	30.20	12.33	32.70	13.43	34.70	14.42	36.30	15.22
	52	18.20	8.21	22.90	10.02	28.10	12.17	30.20	13.16	32.70	14.33	33.30	14.67	33.30	14.66
50	10	15.10	1.22	19.10	1.72	23.40	2.38	25.20	2.66	27.20	2.93	28.90	3.03	30.30	3.11
	12	15.10	1.92	19.10	2.52	23.40	2.87	25.20	2.97	27.20	3.09	28.90	3.20	30.30	3.30
	14	15.10	2.29	19.10	2.63	23.40	3.00	25.20	3.12	27.20	3.27	28.90	3.41	30.30	3.52
	16	15.10	2.38	19.10	2.75	23.40	3.15	25.20	3.30	27.20	3.47	28.90	3.63	30.30	3.77
	18	15.10	2.49	19.10	2.89	23.40	3.33	25.20	3.50	27.20	3.71	28.90	3.90	30.30	4.05
	20	15.10	2.61	19.10	3.05	23.40	3.54	25.20	3.74	27.20	3.97	28.90	4.19	30.30	4.38
	21	15.10	2.67	19.10	3.13	23.40	3.65	25.20	3.87	27.20	4.12	28.90	4.36	30.30	4.55
	23	15.10	2.82	19.10	3.33	23.40	3.91	25.20	4.15	27.20	4.44	28.90	4.71	30.30	4.94
	25	15.10	2.99	19.10	3.55	23.40	4.20	25.20	4.47	27.20	4.81	28.90	5.12	30.30	5.37
	27	15.10	3.18	19.10	3.81	23.40	4.53	25.20	4.84	27.20	5.22	28.90	5.57	30.30	5.85
	29	15.10	3.39	19.10	4.10	23.40	4.90	25.20	5.26	27.20	5.68	28.90	6.04	30.30	6.33
	31	15.10	3.64	19.10	4.41	23.40	5.24	25.20	5.60	27.20	6.03	28.90	6.42	30.30	6.73
	33	15.10	3.85	19.10	4.66	23.40	5.55	25.20	5.94	27.20	6.41	28.90	6.82	30.30	7.16
	35	15.10	4.06	19.10	4.93	23.40	5.89	25.20	6.32	27.20	6.82	28.90	7.26	30.30	7.62
	37	15.10	4.29	19.10	5.24	23.40	6.26	25.20	6.72	27.20	7.26	28.90	7.74	30.30	8.12
	39	15.10	4.54	19.10	5.58	23.40	6.67	25.20	7.16	27.20	7.74	28.90	8.25	30.30	8.66
	41	15.10	4.82	19.10	5.95	23.40	7.11	25.20	7.64	27.20	8.25	28.90	8.80	30.30	9.24
	43	15.10	5.13	19.10	6.35	23.40	7.59	25.20	8.15	27.20	8.80	28.90	9.39	30.30	9.86
	46	15.10	5.66	19.10	7.00	23.40	8.37	25.20	8.99	27.20	9.71	28.90	10.34	30.30	10.86
	48	15.10	6.06	19.10	7.48	23.40	8.94	25.20	9.59	27.20	10.36	28.90	11.04	30.30	11.59
	50	15.10	6.50	19.10	8.00	23.40	9.55	25.20	10.24	27.20	11.06	28.90	11.78	30.30	12.36
	52	15.10	6.98	19.10	8.55	23.40	10.20	25.20	10.93	27.20	11.80	28.90	12.57	30.30	13.19

6. ARUM180LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

6. ARUM180LTE6

6.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	10.70	0.67	17.20	1.08	24.40	1.54	26.10	1.66	27.80	1.77	29.60	1.89	31.50	2.04
	12	10.70	0.67	17.20	1.08	24.40	1.55	26.10	1.67	27.80	1.79	29.60	1.91	31.50	2.07
	14	10.70	0.67	17.20	1.09	24.40	1.57	26.10	1.70	27.80	1.82	29.60	1.95	31.50	2.12
	16	10.70	0.68	17.20	1.10	24.40	1.61	26.10	1.74	27.80	1.88	29.60	2.02	31.50	2.22
	18	10.70	0.68	17.20	1.13	24.40	1.70	26.10	1.85	27.80	2.00	29.60	2.17	31.50	2.44
	20	10.70	0.70	17.20	1.20	24.40	1.91	26.10	2.11	27.80	2.33	29.60	2.57	31.50	3.04
	21	12.10	0.88	18.50	1.52	25.70	2.63	27.40	2.91	29.10	3.06	30.70	3.21	32.50	3.46
	23	15.00	2.20	21.30	2.69	28.40	3.37	30.00	3.53	31.60	3.72	33.00	3.89	34.60	4.19
	25	17.90	2.68	24.10	3.29	31.10	4.15	32.60	4.37	34.20	4.59	35.40	4.78	36.80	5.12
	27	20.90	3.34	27.00	4.09	33.90	5.19	35.30	5.45	36.80	5.73	37.80	5.92	41.10	6.69
	29	23.90	4.23	29.90	5.13	36.80	6.38	38.10	6.65	39.60	6.94	42.00	7.46	48.60	9.26
	31	27.10	5.27	32.90	6.27	39.80	7.78	41.00	8.08	44.60	8.97	49.70	10.36	56.20	12.70
	33	30.30	6.53	36.00	7.71	42.80	9.49	47.10	10.76	52.40	12.48	57.30	14.22	63.70	17.23
	35	33.60	8.12	39.20	9.49	50.20	13.10	54.90	14.92	60.20	17.16	64.90	19.37	71.10	22.88
	37	33.60	8.66	39.20	10.12	50.20	13.98	54.90	15.93	60.20	18.34	64.90	20.75	67.40	22.73
	39	33.60	9.24	39.20	10.80	50.20	14.92	54.90	17.01	60.20	19.63	62.90	21.11	62.20	21.39
	41	33.60	9.86	39.20	11.53	50.20	15.93	54.90	18.19	58.00	19.77	57.90	19.77	57.40	20.08
	43	33.60	10.53	39.20	12.30	50.20	17.02	53.20	18.56	53.20	18.54	53.20	18.53	52.60	18.81
	46	33.60	11.60	39.20	13.56	46.50	16.90	46.50	16.89	46.40	16.88	46.50	16.90	45.90	17.08
	48	33.60	12.38	39.20	14.46	42.30	15.90	42.30	15.89	42.20	15.87	42.20	15.89	41.70	16.05
	50	33.60	13.21	38.30	14.99	38.30	14.99	38.20	14.98	38.20	14.97	38.20	14.97	37.70	15.14
	52	33.60	14.10	34.50	14.18	34.50	14.19	34.50	14.18	34.50	14.17	34.50	14.18	34.00	14.29
120	10	9.90	0.62	15.90	0.99	22.50	1.42	24.10	1.52	25.70	1.63	27.30	1.74	29.10	1.87
	12	9.90	0.62	15.90	1.00	22.50	1.43	24.10	1.53	25.70	1.64	27.30	1.76	29.10	1.90
	14	9.90	0.62	15.90	1.00	22.50	1.44	24.10	1.55	25.70	1.67	27.30	1.78	29.10	1.94
	16	9.90	0.62	15.90	1.01	22.50	1.47	24.10	1.59	25.70	1.71	27.30	1.84	29.10	2.01
	18	9.90	0.63	15.90	1.03	22.50	1.54	24.10	1.67	25.70	1.81	27.30	1.96	29.10	2.18
	20	9.90	0.64	15.90	1.09	22.50	1.70	24.10	1.88	25.70	2.06	27.30	2.26	29.10	2.65
	21	11.20	0.79	17.10	1.35	23.70	2.28	25.30	2.55	26.80	2.86	28.40	3.00	30.00	3.21
	23	13.80	2.11	19.70	2.55	26.20	3.14	27.70	3.29	29.20	3.45	30.50	3.59	32.00	3.85
	25	16.50	2.55	22.20	3.08	28.70	3.84	30.10	4.02	31.60	4.22	32.70	4.37	34.00	4.67
	27	19.30	3.14	24.90	3.80	31.30	4.75	32.60	4.97	34.00	5.21	34.90	5.37	38.00	6.09
	29	22.10	3.93	27.60	4.74	34.00	5.84	35.20	6.07	36.50	6.33	38.70	6.77	44.90	8.33
	31	25.00	4.90	30.40	5.77	36.70	7.08	37.90	7.34	41.10	8.11	45.80	9.31	51.80	11.31
	33	28.00	6.02	33.30	7.04	39.50	8.59	43.50	9.69	48.40	11.16	52.90	12.65	58.80	15.20
	35	31.10	7.43	36.20	8.62	46.30	11.74	50.70	13.30	55.60	15.19	59.90	17.03	65.70	20.38
	37	31.10	7.93	36.20	9.20	46.30	12.53	50.70	14.19	55.60	16.22	59.90	18.20	65.70	21.85
	39	31.10	8.46	36.20	9.82	46.30	13.37	50.70	15.14	55.60	17.32	59.90	19.48	62.30	21.44
	41	31.10	9.03	36.20	10.48	46.30	14.26	50.70	16.17	55.60	18.52	58.00	19.79	57.30	20.06
	43	31.10	9.63	36.20	11.18	46.30	15.22	50.70	17.28	53.20	18.53	53.20	18.54	52.50	18.77
	46	31.10	10.62	36.20	12.32	46.30	16.80	46.50	16.90	46.50	16.88	46.40	16.86	45.90	17.10
	48	31.10	11.34	36.20	13.15	42.30	15.90	42.30	15.90	42.20	15.89	42.20	15.86	41.70	16.08
	50	31.10	12.10	36.20	14.03	38.30	15.00	38.20	14.97	38.60	15.13	38.30	14.99	37.70	15.14
	52	31.10	12.92	34.60	14.19	34.50	14.18	34.50	14.19	34.50	14.16	34.50	14.17	34.10	14.33
110	10	9.10	0.57	14.60	0.91	20.60	1.30	22.10	1.39	23.50	1.49	25.00	1.59	26.60	1.71
	12	9.10	0.57	14.60	0.91	20.60	1.30	22.10	1.40	23.50	1.50	25.00	1.60	26.60	1.73
	14	9.10	0.57	14.60	0.91	20.60	1.32	22.10	1.41	23.50	1.52	25.00	1.62	26.60	1.76
	16	9.10	0.57	14.60	0.92	20.60	1.34	22.10	1.44	23.50	1.55	25.00	1.66	26.60	1.82
	18	9.10	0.57	14.60	0.94	20.60	1.39	22.10	1.50	23.50	1.62	25.00	1.75	26.60	1.95

6. ARUM180LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	9.10	0.58	14.60	0.98	20.60	1.51	22.10	1.66	23.50	1.82	25.00	1.99	26.60	2.30
	21	10.30	0.71	15.70	1.19	21.70	1.96	23.10	2.18	24.60	2.43	26.00	2.70	27.50	2.99
	23	12.70	2.02	18.00	2.41	24.00	2.93	25.30	3.06	26.70	3.20	28.00	3.32	29.30	3.54
	25	15.10	2.41	20.40	2.89	26.30	3.55	27.60	3.70	28.90	3.86	30.00	4.00	31.10	4.25
	27	17.70	2.94	22.80	3.52	28.70	4.34	29.90	4.53	31.20	4.73	32.00	4.87	34.80	5.48
	29	20.30	3.65	25.30	4.36	31.10	5.34	32.30	5.53	33.50	5.75	35.50	6.13	41.20	7.46
	31	22.90	4.53	27.90	5.30	33.60	6.42	34.70	6.64	37.70	7.30	42.00	8.32	47.50	10.03
	33	25.70	5.53	30.50	6.42	36.20	7.75	39.80	8.69	44.30	9.94	48.50	11.20	53.90	13.35
	35	28.50	6.78	33.20	7.80	42.50	10.48	46.50	11.80	51.00	13.39	54.90	14.93	60.20	17.67
	37	28.50	7.23	33.20	8.33	42.50	11.18	46.50	12.59	51.00	14.29	54.90	15.94	60.20	18.90
	39	28.50	7.71	33.20	8.88	42.50	11.93	46.50	13.43	51.00	15.25	54.90	17.02	60.20	20.24
	41	28.50	8.23	33.20	9.48	42.50	12.73	46.50	14.33	51.00	16.29	54.90	18.20	57.40	20.09
	43	28.50	8.79	33.20	10.12	42.50	13.58	46.50	15.30	51.00	17.40	53.30	18.57	52.60	18.82
	46	28.50	9.69	33.20	11.16	42.50	14.97	46.50	16.88	46.40	16.87	46.50	16.90	45.90	17.10
	48	28.50	10.35	33.20	11.91	42.30	15.89	42.20	15.88	42.30	15.91	42.30	15.89	41.70	16.07
	50	28.50	11.05	33.20	12.71	38.30	14.99	38.30	14.99	38.20	14.97	38.30	15.00	37.80	15.16
	52	28.50	11.80	33.20	13.56	34.60	14.20	34.50	14.19	34.50	14.18	34.50	14.17	34.00	14.31
100	10	8.30	0.52	13.20	0.82	18.70	1.18	20.10	1.26	21.40	1.35	22.80	1.44	24.20	1.55
	12	8.30	0.52	13.20	0.83	18.70	1.18	20.10	1.27	21.40	1.36	22.80	1.45	24.20	1.56
	14	8.30	0.52	13.20	0.83	18.70	1.19	20.10	1.28	21.40	1.37	22.80	1.46	24.20	1.58
	16	8.30	0.52	13.20	0.83	18.70	1.21	20.10	1.30	21.40	1.39	22.80	1.49	24.20	1.63
	18	8.30	0.52	13.20	0.84	18.70	1.24	20.10	1.34	21.40	1.45	22.80	1.56	24.20	1.72
	20	8.30	0.52	13.20	0.87	18.70	1.34	20.10	1.46	21.40	1.59	22.80	1.73	24.20	1.98
	21	9.30	0.63	14.30	1.04	19.80	1.68	21.00	1.86	22.30	2.06	23.60	2.27	25.00	2.77
	23	11.50	1.94	16.40	2.28	21.80	2.73	23.00	2.85	24.30	2.96	25.40	3.07	26.60	3.25
	25	13.80	2.28	18.50	2.70	23.90	3.27	25.10	3.40	26.30	3.54	27.20	3.65	28.30	3.87
	27	16.10	2.75	20.70	3.26	26.10	3.96	27.20	4.12	28.30	4.29	29.10	4.40	31.60	4.92
	29	18.40	3.37	23.00	3.99	28.30	4.86	29.30	5.03	30.40	5.21	32.30	5.54	37.40	6.66
	31	20.80	4.18	25.30	4.85	30.60	5.80	31.50	5.99	34.30	6.55	38.20	7.42	43.20	8.85
	33	23.30	5.08	27.70	5.83	32.90	6.96	36.20	7.75	40.30	8.81	44.10	9.87	49.00	11.66
	35	25.90	6.17	30.20	7.04	38.60	9.30	42.30	10.41	46.30	11.74	50.00	13.02	54.70	15.28
	37	25.90	6.57	30.20	7.51	38.60	9.93	42.30	11.11	46.30	12.53	50.00	13.89	54.70	16.31
	39	25.90	7.01	30.20	8.01	38.60	10.59	42.30	11.86	46.30	13.37	50.00	14.83	54.70	17.43
	41	25.90	7.48	30.20	8.55	38.60	11.30	42.30	12.65	46.30	14.27	50.00	15.83	54.70	18.64
	43	25.90	7.98	30.20	9.13	38.60	12.06	42.30	13.50	46.30	15.23	50.00	16.91	52.60	18.79
	46	25.90	8.81	30.20	10.07	38.60	13.29	42.30	14.88	46.30	16.81	46.50	16.88	45.90	17.09
	48	25.90	9.41	30.20	10.75	38.60	14.18	42.30	15.88	42.30	15.91	42.30	15.90	41.70	16.08
	50	25.90	10.06	30.20	11.47	38.30	15.01	38.30	15.00	38.30	14.99	38.20	14.98	37.80	15.14
	52	25.90	10.74	30.20	12.25	34.50	14.18	34.50	14.18	34.50	14.16	34.50	14.19	34.00	14.29
90	10	7.40	0.46	11.90	0.74	16.90	1.06	18.10	1.13	19.20	1.21	20.50	1.29	21.80	1.39
	12	7.40	0.46	11.90	0.74	16.90	1.06	18.10	1.14	19.20	1.21	20.50	1.30	21.80	1.40
	14	7.40	0.46	11.90	0.74	16.90	1.06	18.10	1.14	19.20	1.22	20.50	1.31	21.80	1.41
	16	7.40	0.46	11.90	0.75	16.90	1.08	18.10	1.16	19.20	1.24	20.50	1.33	21.80	1.44
	18	7.40	0.46	11.90	0.75	16.90	1.10	18.10	1.19	19.20	1.28	20.50	1.38	21.80	1.51
	20	7.40	0.47	11.90	0.77	16.90	1.17	18.10	1.27	19.20	1.38	20.50	1.50	21.80	1.70
	21	8.40	0.55	12.80	0.91	17.80	1.43	18.90	1.57	20.10	1.73	21.30	1.89	22.50	2.28
	23	10.40	1.85	14.70	2.15	19.60	2.54	20.70	2.64	21.90	2.74	22.90	2.83	24.00	2.99
	25	12.40	2.16	16.70	2.52	21.50	3.01	22.60	3.12	23.70	3.24	24.50	3.34	25.50	3.52
	27	14.50	2.57	18.70	3.00	23.50	3.61	24.50	3.74	25.50	3.88	26.20	3.98	28.50	4.41
	29	16.60	3.11	20.70	3.64	25.50	4.38	26.40	4.54	27.40	4.70	29.10	4.98	33.70	5.93
	31	18.80	3.83	22.80	4.42	27.50	5.23	28.40	5.39	30.80	5.86	34.40	6.57	38.90	7.76

6. ARUM180LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	21.00	4.62	24.90	5.28	29.60	6.23	32.60	6.89	36.30	7.77	39.70	8.64	44.10	10.13
	35	23.30	5.59	27.20	6.32	34.70	8.22	38.00	9.14	41.70	10.24	45.00	11.29	49.30	13.13
	37	23.30	5.95	27.20	6.74	34.70	8.77	38.00	9.75	41.70	10.92	45.00	12.04	49.30	14.01
	39	23.30	6.34	27.20	7.19	34.70	9.35	38.00	10.40	41.70	11.66	45.00	12.85	49.30	14.95
	41	23.30	6.77	27.20	7.67	34.70	9.98	38.00	11.10	41.70	12.44	45.00	13.71	49.30	15.97
	43	23.30	7.22	27.20	8.19	34.70	10.66	38.00	11.85	41.70	13.27	45.00	14.63	49.30	17.06
	46	23.30	7.98	27.20	9.04	34.70	11.75	38.00	13.06	41.70	14.63	45.00	16.14	45.90	17.08
	48	23.30	8.53	27.20	9.66	34.70	12.53	38.00	13.93	41.70	15.61	42.30	15.89	41.80	16.09
	50	23.30	9.11	27.20	10.31	34.70	13.37	38.00	14.87	38.30	15.00	38.30	14.99	37.80	15.16
	52	23.30	9.74	27.20	11.01	34.60	14.19	34.60	14.19	34.50	14.18	34.50	14.16	34.10	14.31
80	10	6.60	0.41	10.60	0.66	15.00	0.94	16.00	1.00	17.10	1.07	18.20	1.14	19.40	1.23
	12	6.60	0.41	10.60	0.66	15.00	0.94	16.00	1.01	17.10	1.07	18.20	1.15	19.40	1.23
	14	6.60	0.41	10.60	0.66	15.00	0.94	16.00	1.01	17.10	1.08	18.20	1.15	19.40	1.24
	16	6.60	0.41	10.60	0.66	15.00	0.95	16.00	1.02	17.10	1.09	18.20	1.17	19.40	1.27
	18	6.60	0.41	10.60	0.66	15.00	0.97	16.00	1.04	17.10	1.12	18.20	1.20	19.40	1.31
	20	6.60	0.41	10.60	0.68	15.00	1.01	16.00	1.10	17.10	1.19	18.20	1.29	19.40	1.44
	21	7.50	0.48	11.40	0.78	15.80	1.20	16.80	1.31	17.90	1.44	18.90	1.57	20.00	1.85
	23	9.90	1.83	13.10	2.03	17.50	2.36	18.40	2.44	19.40	2.53	20.30	2.60	21.30	2.74
	25	11.00	2.04	14.80	2.35	19.10	2.76	20.10	2.85	21.00	2.96	21.80	3.03	22.60	3.19
	27	12.90	2.39	16.60	2.76	20.90	3.27	21.80	3.38	22.70	3.50	23.30	3.58	25.30	3.94
	29	14.70	2.86	18.40	3.31	22.60	3.93	23.50	4.06	24.30	4.20	25.80	4.44	29.90	5.25
	31	16.70	3.48	20.30	4.00	24.50	4.70	25.20	4.83	27.40	5.21	30.60	5.80	34.60	6.77
	33	18.70	4.18	22.20	4.75	26.30	5.55	29.00	6.09	32.30	6.81	35.30	7.52	39.20	8.73
	35	20.70	5.04	24.10	5.65	30.90	7.21	33.80	7.97	37.10	8.86	40.00	9.71	43.80	11.20
	37	20.70	5.36	24.10	6.02	30.90	7.69	33.80	8.50	37.10	9.45	40.00	10.36	43.80	11.95
	39	20.70	5.72	24.10	6.42	30.90	8.21	33.80	9.07	37.10	10.09	40.00	11.05	43.80	12.75
	41	20.70	6.10	24.10	6.85	30.90	8.76	33.80	9.68	37.10	10.77	40.00	11.79	43.80	13.60
	43	20.70	6.51	24.10	7.31	30.90	9.35	33.80	10.33	37.10	11.49	40.00	12.58	43.80	14.52
	46	20.70	7.19	24.10	8.08	30.90	10.32	33.80	11.39	37.10	12.66	40.00	13.87	43.80	16.01
	48	20.70	7.68	24.10	8.63	30.90	11.01	33.80	12.15	37.10	13.51	40.00	14.80	41.70	16.07
	50	20.70	8.22	24.10	9.22	30.90	11.75	33.80	12.97	37.10	14.42	38.30	15.01	37.80	15.16
	52	20.70	8.79	24.10	9.86	30.90	12.54	33.80	13.84	34.50	14.18	34.60	14.19	34.10	14.32
70	10	5.80	0.36	9.30	0.58	13.10	0.82	14.00	0.88	15.00	0.94	15.90	1.00	17.00	1.07
	12	5.80	0.36	9.30	0.57	13.10	0.82	14.00	0.88	15.00	0.94	15.90	1.00	17.00	1.07
	14	5.80	0.36	9.30	0.57	13.10	0.82	14.00	0.88	15.00	0.94	15.90	1.00	17.00	1.08
	16	5.80	0.36	9.30	0.58	13.10	0.82	14.00	0.89	15.00	0.95	15.90	1.01	17.00	1.09
	18	5.80	0.36	9.30	0.58	13.10	0.84	14.00	0.90	15.00	0.97	15.90	1.03	17.00	1.13
	20	5.80	0.36	9.30	0.59	13.10	0.87	14.00	0.94	15.00	1.01	15.90	1.09	17.00	1.21
	21	6.50	0.42	10.00	0.66	13.80	1.00	14.70	1.09	15.60	1.18	16.60	1.28	17.50	1.49
	23	8.10	1.39	11.50	1.91	15.30	2.19	16.10	2.26	17.00	2.33	17.80	2.39	18.60	2.50
	25	9.60	1.92	13.00	2.18	16.70	2.52	17.60	2.60	18.40	2.69	19.10	2.75	19.80	2.88
	27	11.20	2.22	14.50	2.53	18.30	2.96	19.00	3.05	19.80	3.14	20.40	3.21	22.10	3.50
	29	12.90	2.62	16.10	2.99	19.80	3.51	20.50	3.61	21.30	3.73	22.60	3.93	26.20	4.60
	31	14.60	3.15	17.70	3.59	21.40	4.18	22.10	4.29	24.00	4.62	26.70	5.09	30.20	5.87
	33	16.30	3.76	19.40	4.23	23.00	4.92	25.40	5.36	28.20	5.93	30.90	6.50	34.30	7.46
	35	18.10	4.49	21.10	5.02	27.00	6.29	29.60	6.89	32.40	7.61	35.00	8.28	38.30	9.46
	37	18.10	4.76	21.10	5.34	27.00	6.70	29.60	7.35	32.40	8.11	35.00	8.83	38.30	10.09
	39	18.10	5.06	21.10	5.70	27.00	7.15	29.60	7.84	32.40	8.66	35.00	9.43	38.30	10.77
	41	18.10	5.39	21.10	6.08	27.00	7.63	29.60	8.37	32.40	9.24	35.00	10.06	38.30	11.49
	43	18.10	5.76	21.10	6.49	27.00	8.15	29.60	8.94	32.40	9.87	35.00	10.74	38.30	12.26
	46	18.10	6.38	21.10	7.17	27.00	9.00	29.60	9.86	32.40	10.88	35.00	11.84	38.30	13.51

6. ARUM180LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	18.10	6.85	21.10	7.67	27.00	9.61	29.60	10.53	32.40	11.61	35.00	12.63	38.30	14.42
	50	18.10	7.36	21.10	8.20	27.00	10.26	29.60	11.24	32.40	12.39	35.00	13.47	37.80	15.16
	52	18.10	7.89	21.10	8.77	27.00	10.96	29.60	12.00	32.40	13.22	34.60	14.21	34.10	14.32
60	10	5.00	0.32	7.90	0.49	11.20	0.70	12.00	0.75	12.80	0.80	13.70	0.85	14.50	0.91
	12	5.00	0.32	7.90	0.49	11.20	0.70	12.00	0.75	12.80	0.80	13.70	0.85	14.50	0.92
	14	5.00	0.32	7.90	0.49	11.20	0.70	12.00	0.75	12.80	0.80	13.70	0.86	14.50	0.92
	16	5.00	0.32	7.90	0.49	11.20	0.70	12.00	0.75	12.80	0.81	13.70	0.86	14.50	0.93
	18	5.00	0.32	7.90	0.49	11.20	0.71	12.00	0.76	12.80	0.82	13.70	0.87	14.50	0.95
	20	5.00	0.32	7.90	0.50	11.20	0.73	12.00	0.78	12.80	0.84	13.70	0.91	14.50	1.00
	21	5.60	0.35	8.60	0.55	11.90	0.82	12.60	0.89	13.40	0.96	14.20	1.03	15.00	1.18
	23	6.90	0.97	9.80	1.46	13.10	2.02	13.80	2.08	14.60	2.14	15.20	2.19	16.00	2.28
	25	9.30	1.92	11.10	2.02	14.40	2.30	15.10	2.37	15.80	2.43	16.30	2.49	17.00	2.59
	27	9.60	2.06	12.40	2.31	15.70	2.66	16.30	2.73	17.00	2.81	17.50	2.86	19.00	3.10
	29	11.10	2.39	13.80	2.69	17.00	3.11	17.60	3.20	18.30	3.29	19.40	3.45	22.50	3.99
	31	12.50	2.82	15.20	3.18	18.30	3.69	18.90	3.78	20.60	4.04	22.90	4.43	25.90	5.06
	33	14.00	3.35	16.60	3.74	19.70	4.30	21.70	4.67	24.20	5.13	26.50	5.57	29.40	6.32
	35	15.50	3.95	18.10	4.39	23.20	5.45	25.40	5.92	27.80	6.47	30.00	6.99	32.80	7.90
	37	15.50	4.18	18.10	4.65	23.20	5.80	25.40	6.30	27.80	6.90	30.00	7.45	32.80	8.43
	39	15.50	4.43	18.10	4.95	23.20	6.18	25.40	6.72	27.80	7.36	30.00	7.95	32.80	8.99
	41	15.50	4.71	18.10	5.27	23.20	6.59	25.40	7.17	27.80	7.85	30.00	8.49	32.80	9.60
	43	15.50	5.01	18.10	5.63	23.20	7.04	25.40	7.66	27.80	8.39	30.00	9.06	32.80	10.24
	46	15.50	5.53	18.10	6.23	23.20	7.77	25.40	8.46	27.80	9.25	30.00	10.00	32.80	11.29
	48	15.50	5.91	18.10	6.69	23.20	8.31	25.40	9.04	27.80	9.88	30.00	10.67	32.80	12.05
	50	15.50	6.34	18.10	7.19	23.20	8.88	25.40	9.65	27.80	10.56	30.00	11.39	32.80	12.86
	52	15.50	6.81	18.10	7.74	23.20	9.50	25.40	10.31	27.80	11.27	30.00	12.16	32.80	13.72
50	10	4.10	0.32	6.60	0.41	9.40	0.58	10.00	0.62	10.70	0.67	11.40	0.71	12.10	0.76
	12	4.10	0.32	6.60	0.41	9.40	0.58	10.00	0.62	10.70	0.66	11.40	0.71	12.10	0.76
	14	4.10	0.32	6.60	0.41	9.40	0.58	10.00	0.62	10.70	0.67	11.40	0.71	12.10	0.76
	16	4.10	0.32	6.60	0.41	9.40	0.58	10.00	0.62	10.70	0.67	11.40	0.71	12.10	0.77
	18	4.10	0.32	6.60	0.41	9.40	0.58	10.00	0.63	10.70	0.67	11.40	0.72	12.10	0.78
	20	4.10	0.32	6.60	0.41	9.40	0.59	10.00	0.64	10.70	0.69	11.40	0.74	12.10	0.80
	21	4.70	0.32	7.10	0.45	9.90	0.65	10.50	0.71	11.20	0.76	11.80	0.82	12.50	0.91
	23	5.80	0.66	8.20	0.98	10.90	1.87	11.50	1.91	12.10	1.96	12.70	2.00	13.30	2.07
	25	9.00	1.94	9.70	1.91	12.00	2.09	12.50	2.14	13.10	2.19	13.60	2.24	14.10	2.32
	27	8.90	2.02	10.40	2.10	13.00	2.38	13.60	2.43	14.20	2.49	14.50	2.54	15.80	2.72
	29	9.20	2.17	11.50	2.41	14.20	2.74	14.70	2.80	15.20	2.87	16.10	3.00	18.70	3.42
	31	10.40	2.52	12.70	2.80	15.30	3.20	15.80	3.27	17.10	3.49	19.10	3.81	21.60	4.30
	33	11.70	2.96	13.90	3.26	16.50	3.71	18.10	4.00	20.20	4.37	22.00	4.72	24.50	5.30
	35	12.90	3.44	15.10	3.79	19.30	4.64	21.10	5.02	23.20	5.45	25.00	5.83	27.40	6.52
	37	12.90	3.63	15.10	4.00	19.30	4.92	21.10	5.34	23.20	5.80	25.00	6.21	27.40	6.94
	39	12.90	3.83	15.10	4.24	19.30	5.24	21.10	5.70	23.20	6.18	25.00	6.63	27.40	7.41
	41	12.90	4.05	15.10	4.50	19.30	5.59	21.10	6.08	23.20	6.59	25.00	7.07	27.40	7.90
	43	12.90	4.30	15.10	4.78	19.30	5.98	21.10	6.49	23.20	7.04	25.00	7.55	27.40	8.44
	46	12.90	4.71	15.10	5.27	19.30	6.63	21.10	7.17	23.20	7.78	25.00	8.34	27.40	9.31
	48	12.90	5.03	15.10	5.63	19.30	7.11	21.10	7.67	23.20	8.31	25.00	8.91	27.40	9.95
	50	12.90	5.37	15.10	6.03	19.30	7.61	21.10	8.20	23.20	8.89	25.00	9.52	27.40	10.62
	52	12.90	5.75	15.10	6.48	19.30	8.14	21.10	8.77	23.20	9.50	25.00	10.17	27.40	11.34

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

6. ARUM180LTE6

6.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	33.80	15.11	33.50	15.23	33.30	15.36	33.10	15.42	33.00	15.49	32.80	15.61
	-24.8	-25	39.30	15.88	39.00	16.02	38.80	16.16	38.60	16.23	38.50	16.30	38.20	16.44
	-21.8	-22	42.80	16.32	42.50	16.47	42.20	16.62	42.00	16.70	41.90	16.77	41.60	16.91
	-19.8	-20	45.20	16.62	44.90	16.78	44.60	16.93	44.40	17.01	44.30	17.08	44.00	17.23
	-18.8	-19	46.50	16.77	46.20	16.93	45.80	17.09	45.70	17.16	45.50	17.24	45.20	17.39
	-16.7	-17	49.10	17.07	48.80	17.24	48.40	17.40	48.20	17.48	48.10	17.56	47.70	17.72
	-15	-15.9	50.70	17.25	50.30	17.42	49.90	17.58	49.80	17.66	49.60	17.74	49.30	17.90
	-13.7	-15	52.10	17.41	51.70	17.58	51.40	17.75	51.20	17.83	51.00	17.92	50.70	18.08
	-11.8	-13	54.70	17.70	54.30	17.87	54.00	18.05	53.80	18.13	53.60	18.22	53.20	18.38
	-9.8	-11	57.70	18.01	57.30	18.19	56.90	18.37	56.70	18.45	56.50	18.54	56.10	18.71
	-9.5	-10	59.10	18.15	58.70	18.34	58.30	18.52	58.10	18.61	57.90	18.70	57.50	18.87
	-8.5	-9.1	60.50	18.30	60.10	18.48	59.60	18.67	59.40	18.76	59.20	18.85	58.80	19.02
	-7	-7.6	62.90	18.54	62.40	18.73	62.00	18.92	61.80	19.01	61.60	19.10	61.10	19.28
	-5	-5.6	66.20	18.87	65.70	19.06	65.20	19.25	65.00	19.35	64.80	19.44	64.30	19.62
	-3	-3.7	69.50	19.18	69.00	19.38	68.50	19.58	68.30	19.68	68.00	19.77	64.50	18.51
	0	-0.7	74.90	19.69	74.30	19.90	73.70	20.06	71.40	19.23	69.10	18.41	64.50	16.81
	3	2.2	80.20	20.19	78.30	19.80	73.70	18.26	71.40	17.51	69.10	16.78	64.50	15.34
	5	4.1	82.90	20.10	78.30	18.62	73.70	17.19	71.40	16.49	69.10	15.80	64.50	14.47
	7	6	82.90	18.89	78.30	17.51	73.70	16.17	71.40	15.51	69.10	14.87	64.50	13.62
	9	7.9	82.90	17.70	78.30	16.41	73.70	15.17	71.40	14.56	69.10	13.96	64.50	12.80
	11	9.8	82.90	16.57	78.30	15.38	73.70	14.22	71.40	13.66	69.10	13.10	64.50	12.02
	13	11.8	82.90	15.45	78.30	14.35	73.70	13.29	71.40	12.77	69.10	12.25	64.50	11.25
	15	13.7	82.90	14.46	78.30	13.44	73.70	12.45	71.40	11.97	69.10	11.49	64.50	10.56
120	-30	-30.2	33.60	15.18	33.40	15.30	33.10	15.43	33.00	15.49	32.90	15.55	32.70	15.67
	-24.8	-25	39.10	15.97	38.90	16.11	38.60	16.25	38.40	16.32	38.30	16.39	38.00	16.52
	-21.8	-22	42.60	16.43	42.30	16.58	42.00	16.73	41.80	16.80	41.70	16.87	41.40	17.01
	-19.8	-20	45.00	16.74	44.70	16.89	44.40	17.05	44.20	17.12	44.10	17.19	43.80	17.34
	-18.8	-19	46.20	16.89	45.90	17.05	45.60	17.21	45.40	17.28	45.30	17.36	45.00	17.51
	-16.7	-17	48.80	17.21	48.50	17.37	48.10	17.53	48.00	17.61	47.80	17.69	47.50	17.84
	-15	-15.9	50.30	17.39	50.00	17.56	49.60	17.72	49.50	17.80	49.30	17.88	49.00	18.04
	-13.7	-15	51.80	17.56	51.40	17.73	51.10	17.90	50.90	17.98	50.70	18.06	50.40	18.22
	-11.8	-13	54.40	17.86	54.00	18.03	53.60	18.20	53.40	18.29	53.30	18.37	52.90	18.53
	-9.8	-11	57.30	18.19	56.90	18.36	56.50	18.54	56.30	18.63	56.10	18.71	55.70	18.88
	-9.5	-10	58.70	18.34	58.30	18.52	57.80	18.70	57.60	18.79	57.50	18.87	57.10	19.04
	-8.5	-9.1	60.00	18.49	59.60	18.68	59.20	18.85	59.00	18.94	58.80	19.03	58.40	19.20
	-7	-7.6	62.40	18.75	62.00	18.93	61.50	19.12	61.30	19.21	61.10	19.29	59.50	18.88
	-5	-5.6	65.60	19.09	65.20	19.28	64.70	19.47	64.50	19.56	63.80	19.40	59.50	17.72
	-3	-3.7	68.90	19.43	68.40	19.62	67.90	19.82	65.90	19.06	63.80	18.25	59.50	16.67
	0	-0.7	74.10	19.97	72.30	19.55	68.00	18.04	65.90	17.30	63.80	16.57	59.50	15.16
	3	2.2	76.50	19.20	72.30	17.80	68.00	16.44	65.90	15.78	63.80	15.13	59.50	13.86
	5	4.1	76.50	18.06	72.30	16.76	68.00	15.49	65.90	14.87	63.80	14.26	59.50	13.08
	7	6	76.50	16.99	72.30	15.76	68.00	14.58	65.90	14.00	63.80	13.43	59.50	12.32
	9	7.9	76.50	15.93	72.30	14.79	68.00	13.69	65.90	13.15	63.80	12.62	59.50	11.59
	11	9.8	76.50	14.93	72.30	13.87	68.00	12.85	65.90	12.35	63.80	11.86	59.50	10.90
	13	11.8	76.50	13.94	72.30	12.96	68.00	12.02	65.90	11.56	63.80	11.10	59.50	10.21

6. ARUM180LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	76.50	13.05	72.30	12.15	68.00	11.27	65.90	10.85	63.80	10.42	59.50	9.60
110	-30	-30.2	33.50	15.26	33.20	15.39	33.00	15.51	32.90	15.57	32.70	15.63	32.50	15.75
	-24.8	-25	38.90	16.08	38.60	16.22	38.40	16.35	38.20	16.42	38.10	16.49	37.80	16.62
	-21.8	-22	42.30	16.56	42.00	16.70	41.70	16.85	41.60	16.92	41.40	16.99	41.20	17.13
	-19.8	-20	44.70	16.88	44.40	17.03	44.10	17.18	43.90	17.25	43.80	17.32	43.50	17.47
	-18.8	-19	45.90	17.04	45.60	17.19	45.30	17.35	45.10	17.42	45.00	17.49	44.70	17.64
	-16.7	-17	48.50	17.37	48.10	17.53	47.80	17.68	47.60	17.76	47.50	17.84	47.20	17.99
	-15	-15.9	50.00	17.56	49.60	17.72	49.30	17.88	49.10	17.96	49.00	18.04	48.60	18.19
	-13.7	-15	51.40	17.74	51.10	17.91	50.70	18.07	50.60	18.15	50.40	18.23	50.10	18.39
	-11.8	-13	54.00	18.05	53.60	18.22	53.20	18.39	53.00	18.47	52.90	18.55	52.50	18.71
	-9.8	-11	56.80	18.40	56.40	18.57	56.00	18.74	55.80	18.82	55.60	18.91	54.60	18.69
	-9.5	-10	58.20	18.56	57.80	18.73	57.40	18.91	57.20	18.99	57.00	19.07	54.60	18.16
	-8.5	-9.1	59.50	18.72	59.10	18.90	58.70	19.07	58.50	19.16	58.30	19.24	54.60	17.65
	-7	-7.6	61.80	18.99	61.40	19.17	61.00	19.35	60.40	19.25	58.50	18.43	54.60	16.85
	-5	-5.6	65.00	19.35	64.60	19.54	62.40	18.84	60.40	18.06	58.50	17.31	54.60	15.83
	-3	-3.7	68.20	19.71	66.30	19.19	62.40	17.72	60.40	17.00	58.50	16.29	54.60	14.91
	0	-0.7	70.20	18.79	66.30	17.42	62.40	16.10	60.40	15.45	58.50	14.82	54.60	13.58
	3	2.2	70.20	17.12	66.30	15.89	62.40	14.70	60.40	14.12	58.50	13.55	54.60	12.43
	5	4.1	70.20	16.12	66.30	14.97	62.40	13.86	60.40	13.32	58.50	12.79	54.60	11.75
	7	6	70.20	15.16	66.30	14.09	62.40	13.05	60.40	12.54	58.50	12.04	54.60	11.07
	9	7.9	70.20	14.24	66.30	13.24	62.40	12.27	60.40	11.80	58.50	11.33	54.60	10.42
	11	9.8	70.20	13.36	66.30	12.43	62.40	11.53	60.40	11.09	58.50	10.66	54.60	9.82
	13	11.8	70.20	12.49	66.30	11.63	62.40	10.80	60.40	10.40	58.50	10.00	54.60	9.21
	15	13.7	70.20	11.71	66.30	10.92	62.40	10.15	60.40	9.77	58.50	9.40	54.60	8.67
100	-30	-30.2	33.30	15.36	33.00	15.48	32.80	15.60	32.70	15.66	32.60	15.72	32.30	15.84
	-24.8	-25	38.70	16.21	38.40	16.34	38.10	16.48	38.00	16.54	37.90	16.61	37.60	16.74
	-21.8	-22	42.00	16.71	41.70	16.85	41.40	16.99	41.30	17.06	41.20	17.13	40.90	17.26
	-19.8	-20	44.40	17.04	44.10	17.19	43.80	17.34	43.60	17.41	43.50	17.48	43.20	17.62
	-18.8	-19	45.60	17.21	45.30	17.36	45.00	17.51	44.80	17.58	44.70	17.65	44.40	17.80
	-16.7	-17	48.10	17.56	47.70	17.71	47.40	17.86	47.30	17.94	47.10	18.01	46.80	18.16
	-15	-15.9	49.60	17.76	49.20	17.92	48.90	18.07	48.70	18.15	48.60	18.22	48.20	18.37
	-13.7	-15	51.00	17.95	50.60	18.11	50.30	18.27	50.20	18.35	50.00	18.43	49.60	18.53
	-11.8	-13	53.50	18.28	53.10	18.44	52.70	18.60	52.60	18.68	52.40	18.76	49.60	17.55
	-9.8	-11	56.20	18.64	55.90	18.81	55.50	18.97	54.90	18.85	53.10	18.06	49.60	16.52
	-9.5	-10	57.60	18.81	57.20	18.98	56.70	19.09	54.90	18.31	53.10	17.55	49.60	16.06
	-8.5	-9.1	58.90	18.98	58.50	19.16	56.70	18.56	54.90	17.80	53.10	17.06	49.60	15.62
	-7	-7.6	61.20	19.27	60.20	19.17	56.70	17.71	54.90	16.99	53.10	16.29	49.60	14.92
	-5	-5.6	63.80	19.40	60.20	18.00	56.70	16.63	54.90	15.96	53.10	15.31	49.60	14.03
	-3	-3.7	63.80	18.25	60.20	16.93	56.70	15.66	54.90	15.03	53.10	14.42	49.60	13.23
	0	-0.7	63.80	16.58	60.20	15.40	56.70	14.25	54.90	13.69	53.10	13.14	49.60	12.07
	3	2.2	63.80	15.13	60.20	14.07	56.70	13.04	54.90	12.53	53.10	12.04	49.60	11.07
	5	4.1	63.80	14.26	60.20	13.27	56.70	12.31	54.90	11.84	53.10	11.38	49.60	10.47
	7	6	63.80	13.43	60.20	12.50	56.70	11.60	54.90	11.16	53.10	10.72	49.60	9.87
	9	7.9	63.80	12.62	60.20	11.76	56.70	10.92	54.90	10.51	53.10	10.10	49.60	9.31
	11	9.8	63.80	11.86	60.20	11.06	56.70	10.27	54.90	9.89	53.10	9.52	49.60	8.78
	13	11.8	63.80	11.10	60.20	10.36	56.70	9.64	54.90	9.28	53.10	8.93	49.60	8.25
	15	13.7	63.80	10.42	60.20	9.74	56.70	9.06	54.90	8.74	53.10	8.41	49.60	7.78

6. ARUM180LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	33.00	15.48	32.80	15.60	32.60	15.72	32.50	15.78	32.30	15.84	32.10	15.95
	-24.8	-25	38.40	16.36	38.10	16.50	37.80	16.63	37.70	16.69	37.60	16.75	37.30	16.88
	-21.8	-22	41.70	16.88	41.40	17.02	41.10	17.16	41.00	17.23	40.80	17.30	40.60	17.43
	-19.8	-20	44.00	17.24	43.70	17.38	43.40	17.52	43.20	17.59	43.10	17.66	42.80	17.80
	-18.8	-19	45.20	17.42	44.80	17.56	44.50	17.71	44.40	17.78	44.20	17.85	44.00	17.98
	-16.7	-17	47.60	17.78	47.30	17.93	47.00	18.08	46.80	18.15	46.60	18.22	44.60	17.34
	-15	-15.9	49.10	17.99	48.70	18.15	48.40	18.30	48.20	18.37	47.80	18.30	44.60	16.75
	-13.7	-15	50.50	18.20	50.10	18.36	49.80	18.51	49.40	18.45	47.80	17.67	44.60	16.15
	-11.8	-13	52.90	18.54	52.50	18.70	51.00	18.20	49.40	17.47	47.80	16.75	44.60	15.32
	-9.8	-11	55.60	18.93	54.20	18.53	51.00	17.13	49.40	16.44	47.80	15.77	44.60	14.45
	-9.5	-10	56.90	19.11	54.20	18.00	51.00	16.65	49.40	15.98	47.80	15.33	44.60	14.06
	-8.5	-9.1	57.40	18.86	54.20	17.50	51.00	16.19	49.40	15.55	47.80	14.91	44.60	13.68
	-7	-7.6	57.40	18.00	54.20	16.71	51.00	15.46	49.40	14.85	47.80	14.25	44.60	13.07
	-5	-5.6	57.40	16.90	54.20	15.70	51.00	14.53	49.40	13.96	47.80	13.40	44.60	12.31
	-3	-3.7	57.40	15.91	54.20	14.79	51.00	13.70	49.40	13.17	47.80	12.64	44.60	11.62
	0	-0.7	57.40	14.48	54.20	13.47	51.00	12.49	49.40	12.02	47.80	11.54	44.60	10.62
	3	2.2	57.40	13.24	54.20	12.33	51.00	11.45	49.40	11.02	47.80	10.59	44.60	9.76
	5	4.1	57.40	12.50	54.20	11.65	51.00	10.83	49.40	10.42	47.80	10.02	44.60	9.24
	7	6	57.40	11.78	54.20	10.98	51.00	10.21	49.40	9.83	47.80	9.46	44.60	8.73
	9	7.9	57.40	11.08	54.20	10.34	51.00	9.62	49.40	9.27	47.80	8.92	44.60	8.24
	11	9.8	57.40	10.43	54.20	9.74	51.00	9.07	49.40	8.74	47.80	8.42	44.60	7.78
	13	11.8	57.40	9.78	54.20	9.14	51.00	8.52	49.40	8.22	47.80	7.92	44.60	7.33
	15	13.7	57.40	9.20	54.20	8.61	51.00	8.03	49.40	7.75	47.80	7.47	44.60	6.92
80	-30	-30.2	32.80	15.62	32.50	15.74	32.30	15.86	32.20	15.92	32.10	15.97	31.90	16.09
	-24.8	-25	38.00	16.55	37.70	16.68	37.50	16.81	37.30	16.87	37.20	16.93	37.00	17.05
	-21.8	-22	41.20	17.10	40.90	17.24	40.70	17.37	40.50	17.43	40.40	17.50	39.70	17.33
	-19.8	-20	43.50	17.47	43.20	17.61	42.90	17.75	42.80	17.82	42.50	17.82	39.70	16.33
	-18.8	-19	44.60	17.66	44.30	17.81	44.00	17.94	43.90	18.01	42.50	17.30	39.70	15.86
	-16.7	-17	47.00	18.05	46.70	18.20	45.40	17.69	43.90	16.99	42.50	16.30	39.70	14.94
	-15	-15.9	48.40	18.28	48.10	18.43	45.40	17.09	43.90	16.41	42.50	15.73	39.70	14.41
	-13.7	-15	49.80	18.50	48.20	17.84	45.40	16.49	43.90	15.83	42.50	15.17	39.70	13.90
	-11.8	-13	51.00	18.21	48.20	16.91	45.40	15.64	43.90	15.01	42.50	14.40	39.70	13.20
	-9.8	-11	51.00	17.13	48.20	15.92	45.40	14.74	43.90	14.17	42.50	13.60	39.70	12.49
	-9.5	-10	51.00	16.65	48.20	15.47	45.40	14.33	43.90	13.78	42.50	13.23	39.70	12.16
	-8.5	-9.1	51.00	16.19	48.20	15.05	45.40	13.95	43.90	13.41	42.50	12.88	39.70	11.83
	-7	-7.6	51.00	15.46	48.20	14.38	45.40	13.33	43.90	12.82	42.50	12.31	39.70	11.32
	-5	-5.6	51.00	14.53	48.20	13.53	45.40	12.55	43.90	12.07	42.50	11.60	39.70	10.67
	-3	-3.7	51.00	13.70	48.20	12.76	45.40	11.84	43.90	11.40	42.50	10.95	39.70	10.09
	0	-0.7	51.00	12.49	48.20	11.65	45.40	10.83	43.90	10.42	42.50	10.03	39.70	9.25
	3	2.2	51.00	11.45	48.20	10.69	45.40	9.95	43.90	9.58	42.50	9.22	39.70	8.52
	5	4.1	51.00	10.83	48.20	10.11	45.40	9.41	43.90	9.07	42.50	8.73	39.70	8.07
	7	6	51.00	10.21	48.20	9.54	45.40	8.89	43.90	8.57	42.50	8.25	39.70	7.63
	9	7.9	51.00	9.62	48.20	9.00	45.40	8.39	43.90	8.09	42.50	7.80	39.70	7.22
	11	9.8	51.00	9.07	48.20	8.49	45.40	7.92	43.90	7.65	42.50	7.37	39.70	6.83
	13	11.8	51.00	8.52	48.20	7.98	45.40	7.46	43.90	7.20	42.50	6.94	39.70	6.45
	15	13.7	51.00	8.03	48.20	7.53	45.40	7.04	43.90	6.80	42.50	6.56	39.70	6.10
70	-30	-30.2	32.40	15.81	32.20	15.92	32.00	16.04	31.90	16.09	31.80	16.15	31.50	16.25

6. ARUM180LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	37.50	16.79	37.30	16.91	37.00	17.03	36.90	17.09	36.80	17.15	34.70	16.02
	-21.8	-22	40.70	17.37	40.40	17.50	39.70	17.33	38.40	16.65	37.20	15.98	34.70	14.67
	-19.8	-20	42.90	17.77	42.20	17.64	39.70	16.33	38.40	15.70	37.20	15.07	34.70	13.84
	-18.8	-19	44.00	17.97	42.20	17.12	39.70	15.86	38.40	15.24	37.20	14.63	34.70	13.44
	-16.7	-17	44.60	17.34	42.20	16.13	39.70	14.94	38.40	14.37	37.20	13.80	34.70	12.68
	-15	-15.9	44.60	16.75	42.20	15.57	39.70	14.41	38.40	13.85	37.20	13.30	34.70	12.21
	-13.7	-15	44.60	16.16	42.20	15.01	39.70	13.91	38.40	13.36	37.20	12.83	34.70	11.78
	-11.8	-13	44.60	15.32	42.20	14.24	39.70	13.20	38.40	12.68	37.20	12.18	34.70	11.19
	-9.8	-11	44.60	14.46	42.20	13.46	39.70	12.49	38.40	12.01	37.20	11.53	34.70	10.60
	-9.5	-10	44.60	14.06	42.20	13.09	39.70	12.16	38.40	11.70	37.20	11.24	34.70	10.36
	-8.5	-9.1	44.60	13.68	42.20	12.74	39.70	11.83	38.40	11.39	37.20	10.95	34.70	10.09
	-7	-7.6	44.60	13.07	42.20	12.19	39.70	11.32	38.40	10.90	37.20	10.48	34.70	9.66
	-5	-5.6	44.60	12.31	42.20	11.48	39.70	10.67	38.40	10.28	37.20	9.89	34.70	9.13
	-3	-3.7	44.60	11.62	42.20	10.85	39.70	10.09	38.40	9.72	37.20	9.36	34.70	8.64
	0	-0.7	44.60	10.62	42.20	9.93	39.70	9.25	38.40	8.91	37.20	8.58	34.70	7.94
	3	2.2	44.60	9.76	42.20	9.13	39.70	8.52	38.40	8.22	37.20	7.92	34.70	7.33
	5	4.1	44.60	9.24	42.20	8.65	39.70	8.07	38.40	7.78	37.20	7.51	34.70	6.96
	7	6	44.60	8.73	42.20	8.17	39.70	7.63	38.40	7.37	37.20	7.11	34.70	6.59
	9	7.9	44.60	8.24	42.20	7.73	39.70	7.22	38.40	6.98	37.20	6.73	34.70	6.25
	11	9.8	44.60	7.78	42.20	7.30	39.70	6.83	38.40	6.60	37.20	6.37	34.70	5.93
	13	11.8	44.60	7.33	42.20	6.88	39.70	6.45	38.40	6.23	37.20	6.02	34.70	5.60
	15	13.7	44.60	6.92	42.20	6.50	39.70	6.10	38.40	5.90	37.20	5.70	34.70	5.31
60	-30	-30.2	31.90	16.04	31.70	16.16	31.50	16.26	31.40	16.32	31.30	16.37	29.80	15.43
	-24.8	-25	36.90	17.09	36.10	16.84	34.00	15.61	33.00	15.01	31.90	14.42	29.80	13.26
	-21.8	-22	38.30	16.55	36.10	15.41	34.00	14.30	33.00	13.75	31.90	13.22	29.80	12.16
	-19.8	-20	38.30	15.61	36.10	14.53	34.00	13.49	33.00	12.98	31.90	12.48	29.80	11.49
	-18.8	-19	38.30	15.15	36.10	14.12	34.00	13.11	33.00	12.61	31.90	12.12	29.80	11.16
	-16.7	-17	38.30	14.28	36.10	13.31	34.00	12.37	33.00	11.90	31.90	11.44	29.80	10.55
	-15	-15.9	38.30	13.77	36.10	12.83	34.00	11.91	33.00	11.46	31.90	11.01	29.80	10.14
	-13.7	-15	38.30	13.29	36.10	12.38	34.00	11.49	33.00	11.06	31.90	10.63	29.80	9.80
	-11.8	-13	38.30	12.61	36.10	11.75	34.00	10.92	33.00	10.51	31.90	10.10	29.80	9.31
	-9.8	-11	38.30	11.94	36.10	11.13	34.00	10.34	33.00	9.96	31.90	9.58	29.80	8.83
	-9.5	-10	38.30	11.63	36.10	10.86	34.00	10.11	33.00	9.74	31.90	9.38	29.80	8.66
	-8.5	-9.1	38.30	11.33	36.10	10.58	34.00	9.85	33.00	9.49	31.90	9.14	29.80	8.45
	-7	-7.6	38.30	10.84	36.10	10.13	34.00	9.44	33.00	9.10	31.90	8.76	29.80	8.10
	-5	-5.6	38.30	10.22	36.10	9.56	34.00	8.91	33.00	8.59	31.90	8.28	29.80	7.66
	-3	-3.7	38.30	9.67	36.10	9.05	34.00	8.44	33.00	8.14	31.90	7.85	29.80	7.27
	0	-0.7	38.30	8.87	36.10	8.31	34.00	7.76	33.00	7.49	31.90	7.22	29.80	6.70
	3	2.2	38.30	8.17	36.10	7.67	34.00	7.17	33.00	6.93	31.90	6.68	29.80	6.21
	5	4.1	38.30	7.75	36.10	7.27	34.00	6.80	33.00	6.57	31.90	6.35	29.80	5.90
	7	6	38.30	7.33	36.10	6.89	34.00	6.45	33.00	6.24	31.90	6.02	29.80	5.61
	9	7.9	38.30	6.94	36.10	6.52	34.00	6.12	33.00	5.92	31.90	5.72	29.80	5.33
	11	9.8	38.30	6.57	36.10	6.18	34.00	5.80	33.00	5.61	31.90	5.43	29.80	5.07
	13	11.8	38.30	6.20	36.10	5.84	34.00	5.49	33.00	5.31	31.90	5.14	29.80	4.80
	15	13.7	38.30	5.87	36.10	5.53	34.00	5.20	33.00	5.04	31.90	4.88	29.80	4.57
50	-30	-30.2	31.30	16.36	30.10	15.66	28.30	14.54	27.50	13.99	26.60	13.44	24.80	12.38
	-24.8	-25	31.90	14.42	30.10	13.45	28.30	12.50	27.50	12.04	26.60	11.58	24.80	10.68

6. ARUM180LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	31.90	13.22	30.10	12.34	28.30	11.48	27.50	11.05	26.60	10.64	24.80	9.82
	-19.8	-20	31.90	12.48	30.10	11.65	28.30	10.84	27.50	10.45	26.60	10.06	24.80	9.29
	-18.8	-19	31.90	12.12	30.10	11.32	28.30	10.54	27.50	10.16	26.60	9.78	24.80	9.03
	-16.7	-17	31.90	11.44	30.10	10.69	28.30	9.96	27.50	9.60	26.60	9.25	24.80	8.55
	-15	-15.9	31.90	11.01	30.10	10.29	28.30	9.58	27.50	9.23	26.60	8.89	24.80	8.22
	-13.7	-15	31.90	10.63	30.10	9.93	28.30	9.25	27.50	8.92	26.60	8.59	24.80	7.94
	-11.8	-13	31.90	10.10	30.10	9.44	28.30	8.80	27.50	8.48	26.60	8.17	24.80	7.56
	-9.8	-11	31.90	9.58	30.10	8.96	28.30	8.35	27.50	8.05	26.60	7.76	24.80	7.18
	-9.5	-10	31.90	9.38	30.10	8.78	28.30	8.20	27.50	7.91	26.60	7.63	24.80	7.07
	-8.5	-9.1	31.90	9.14	30.10	8.56	28.30	7.99	27.50	7.72	26.60	7.44	24.80	6.90
	-7	-7.6	31.90	8.76	30.10	8.21	28.30	7.67	27.50	7.41	26.60	7.15	24.80	6.63
	-5	-5.6	31.90	8.28	30.10	7.77	28.30	7.26	27.50	7.02	26.60	6.77	24.80	6.29
	-3	-3.7	31.90	7.85	30.10	7.37	28.30	6.90	27.50	6.66	26.60	6.43	24.80	5.98
	0	-0.7	31.90	7.22	30.10	6.79	28.30	6.36	27.50	6.15	26.60	5.95	24.80	5.54
	3	2.2	31.90	6.69	30.10	6.29	28.30	5.90	27.50	5.71	26.60	5.52	24.80	5.15
	5	4.1	31.90	6.35	30.10	5.98	28.30	5.61	27.50	5.43	26.60	5.26	24.80	4.91
	7	6	31.90	6.02	30.10	5.68	28.30	5.34	27.50	5.17	26.60	5.01	24.80	4.68
	9	7.9	31.90	5.72	30.10	5.39	28.30	5.08	27.50	4.92	26.60	4.77	24.80	4.46
	11	9.8	31.90	5.43	30.10	5.13	28.30	4.83	27.50	4.68	26.60	4.54	24.80	4.26
	13	11.8	31.90	5.14	30.10	4.86	28.30	4.58	27.50	4.45	26.60	4.31	24.80	4.05
	15	13.7	31.90	4.88	30.10	4.62	28.30	4.36	27.50	4.24	26.60	4.11	24.80	3.86

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

6.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	33.80	15.11	33.50	15.23	33.30	15.36	33.10	15.42	33.00	15.49	32.80	15.61
	-24.8	-25	39.30	15.88	39.00	16.02	38.80	16.16	38.60	16.23	38.50	16.30	38.20	16.44
	-21.8	-22	42.80	16.32	42.50	16.47	42.20	16.62	42.00	16.70	41.90	16.77	41.60	16.91
	-19.8	-20	45.20	16.62	44.90	16.78	44.60	16.93	44.40	17.01	44.30	17.08	44.00	17.23
	-18.8	-19	46.50	16.77	46.20	16.93	45.80	17.09	45.70	17.16	45.50	17.24	45.20	17.39
	-16.7	-17	49.10	17.07	48.80	17.24	48.40	17.40	48.20	17.48	48.10	17.56	47.70	17.72
	-15	-15.9	50.70	17.25	50.30	17.42	49.90	17.58	49.80	17.66	49.60	17.74	49.30	17.90
	-13.7	-15	52.10	17.41	51.70	17.58	51.40	17.75	51.20	17.83	51.00	17.92	50.70	18.08
	-11.8	-13	54.70	17.70	54.30	17.87	54.00	18.05	53.80	18.13	53.60	18.22	53.20	18.38
	-9.8	-11	57.70	18.01	57.30	18.19	56.90	18.37	56.70	18.45	56.50	18.54	56.10	18.71
	-9.5	-10	59.10	18.15	58.70	18.34	58.30	18.52	58.10	18.61	57.90	18.70	57.50	18.87
	-8.5	-9.1	60.50	18.30	60.10	18.48	59.60	18.67	59.40	18.76	59.20	18.85	58.80	19.02
	-7	-7.6	62.90	18.54	62.40	18.73	62.00	18.92	61.80	19.01	61.60	19.10	61.10	19.28
	-5	-5.6	66.20	18.87	65.70	19.06	65.20	19.25	65.00	19.35	64.80	19.44	64.30	19.62
	-3	-3.7	69.50	19.18	69.00	19.38	68.50	19.58	68.30	19.68	68.00	19.77	64.50	18.51
	0	-0.7	74.90	19.69	74.30	19.90	73.70	20.06	71.40	19.23	69.10	18.41	64.50	16.81
	3	2.2	80.20	20.19	78.30	19.80	73.70	18.26	71.40	17.51	69.10	16.78	64.50	15.34
	5	4.1	78.50	18.25	73.80	16.83	69.20	15.46	66.90	14.79	64.50	14.14	59.80	12.86
	7	6	73.90	15.45	69.20	14.18	64.50	12.96	62.20	12.37	59.80	11.79	55.10	10.65
	9	7.9	69.20	12.93	64.50	11.83	59.70	10.75	57.30	10.23	54.90	9.72	50.10	8.72
	11	9.8	64.30	10.73	59.60	9.76	54.70	8.83	52.30	8.37	49.90	7.92	45.00	7.05
	13	11.8	59.30	8.78	54.50	7.94	49.60	7.14	47.10	6.75	44.70	6.36	39.70	5.61
	15	13.7	54.10	7.12	49.20	6.41	44.30	5.72	41.80	5.38	39.30	5.05	34.30	4.41
120	-30	-30.2	33.60	15.18	33.40	15.30	33.10	15.43	33.00	15.49	32.90	15.55	32.70	15.67
	-24.8	-25	39.10	15.97	38.90	16.11	38.60	16.25	38.40	16.32	38.30	16.39	38.00	16.52
	-21.8	-22	42.60	16.43	42.30	16.58	42.00	16.73	41.80	16.80	41.70	16.87	41.40	17.01
	-19.8	-20	45.00	16.74	44.70	16.89	44.40	17.05	44.20	17.12	44.10	17.19	43.80	17.34
	-18.8	-19	46.20	16.89	45.90	17.05	45.60	17.21	45.40	17.28	45.30	17.36	45.00	17.51
	-16.7	-17	48.80	17.21	48.50	17.37	48.10	17.53	48.00	17.61	47.80	17.69	47.50	17.84
	-15	-15.9	50.30	17.39	50.00	17.56	49.60	17.72	49.50	17.80	49.30	17.88	49.00	18.04
	-13.7	-15	51.80	17.56	51.40	17.73	51.10	17.90	50.90	17.98	50.70	18.06	50.40	18.22
	-11.8	-13	54.40	17.86	54.00	18.03	53.60	18.20	53.40	18.29	53.30	18.37	52.90	18.53
	-9.8	-11	57.30	18.19	56.90	18.36	56.50	18.54	56.30	18.63	56.10	18.71	55.70	18.88
	-9.5	-10	58.70	18.34	58.30	18.52	57.80	18.70	57.60	18.79	57.50	18.87	57.10	19.04
	-8.5	-9.1	60.00	18.49	59.60	18.68	59.20	18.85	59.00	18.94	58.80	19.03	58.40	19.20
	-7	-7.6	62.40	18.75	62.00	18.93	61.50	19.12	61.30	19.21	61.10	19.29	59.50	18.88
	-5	-5.6	65.60	19.09	65.20	19.28	64.70	19.47	64.50	19.56	63.80	19.40	59.50	17.72
	-3	-3.7	68.90	19.43	68.40	19.62	67.90	19.82	65.90	19.06	63.80	18.25	59.50	16.67
	0	-0.7	74.10	19.97	72.30	19.55	68.00	18.04	65.90	17.30	63.80	16.57	59.50	15.16
	3	2.2	76.50	19.20	72.30	17.80	68.00	16.44	65.90	15.78	63.80	15.13	59.50	13.86
	5	4.1	72.40	16.42	68.20	15.16	63.90	13.95	61.70	13.36	59.60	12.78	55.20	11.65
	7	6	68.20	13.92	63.90	12.81	59.60	11.73	57.40	11.20	55.20	10.68	50.80	9.67
	9	7.9	63.90	11.69	59.50	10.71	55.10	9.76	52.90	9.29	50.70	8.84	46.30	7.95
	11	9.8	59.40	9.73	55.00	8.87	50.50	8.04	48.30	7.63	46.10	7.23	41.60	6.46
	13	11.8	54.70	7.99	50.30	7.25	45.80	6.53	43.50	6.18	41.30	5.84	36.70	5.17

6. ARUM180LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	49.90	6.51	45.40	5.87	40.90	5.26	38.60	4.96	36.30	4.66	31.60	4.09
110	-30	-30.2	33.50	15.26	33.20	15.39	33.00	15.51	32.90	15.57	32.70	15.63	32.50	15.75
	-24.8	-25	38.90	16.08	38.60	16.22	38.40	16.35	38.20	16.42	38.10	16.49	37.80	16.62
	-21.8	-22	42.30	16.56	42.00	16.70	41.70	16.85	41.60	16.92	41.40	16.99	41.20	17.13
	-19.8	-20	44.70	16.88	44.40	17.03	44.10	17.18	43.90	17.25	43.80	17.32	43.50	17.47
	-18.8	-19	45.90	17.04	45.60	17.19	45.30	17.35	45.10	17.42	45.00	17.49	44.70	17.64
	-16.7	-17	48.50	17.37	48.10	17.53	47.80	17.68	47.60	17.76	47.50	17.84	47.20	17.99
	-15	-15.9	50.00	17.56	49.60	17.72	49.30	17.88	49.10	17.96	49.00	18.04	48.60	18.19
	-13.7	-15	51.40	17.74	51.10	17.91	50.70	18.07	50.60	18.15	50.40	18.23	50.10	18.39
	-11.8	-13	54.00	18.05	53.60	18.22	53.20	18.39	53.00	18.47	52.90	18.55	52.50	18.71
	-9.8	-11	56.80	18.40	56.40	18.57	56.00	18.74	55.80	18.82	55.60	18.91	54.60	18.69
	-9.5	-10	58.20	18.56	57.80	18.73	57.40	18.91	57.20	18.99	57.00	19.07	54.60	18.16
	-8.5	-9.1	59.50	18.72	59.10	18.90	58.70	19.07	58.50	19.16	58.30	19.24	54.60	17.65
	-7	-7.6	61.80	18.99	61.40	19.17	61.00	19.35	60.40	19.25	58.50	18.43	54.60	16.85
	-5	-5.6	65.00	19.35	64.60	19.54	62.40	18.84	60.40	18.06	58.50	17.31	54.60	15.83
	-3	-3.7	68.20	19.71	66.30	19.19	62.40	17.72	60.40	17.00	58.50	16.29	54.60	14.91
	0	-0.7	70.20	18.79	66.30	17.42	62.40	16.10	60.40	15.45	58.50	14.82	54.60	13.58
	3	2.2	70.20	17.12	66.30	15.89	62.40	14.70	60.40	14.12	58.50	13.55	54.60	12.43
	5	4.1	66.40	14.67	62.50	13.57	58.50	12.51	56.60	11.99	54.60	11.48	50.60	10.48
	7	6	62.50	12.47	58.60	11.49	54.60	10.54	52.60	10.08	50.60	9.62	46.60	8.73
	9	7.9	58.60	10.50	54.60	9.64	50.50	8.80	48.50	8.39	46.50	7.99	42.40	7.20
	11	9.8	54.40	8.77	50.40	8.01	46.30	7.28	44.30	6.92	42.20	6.57	38.10	5.88
	13	11.8	50.20	7.23	46.10	6.58	42.00	5.94	39.90	5.63	37.80	5.33	33.60	4.74
	15	13.7	45.80	5.92	41.60	5.36	37.50	4.82	35.40	4.55	33.20	4.29	29.00	3.78
100	-30	-30.2	33.30	15.36	33.00	15.48	32.80	15.60	32.70	15.66	32.60	15.72	32.30	15.84
	-24.8	-25	38.70	16.21	38.40	16.34	38.10	16.48	38.00	16.54	37.90	16.61	37.60	16.74
	-21.8	-22	42.00	16.71	41.70	16.85	41.40	16.99	41.30	17.06	41.20	17.13	40.90	17.26
	-19.8	-20	44.40	17.04	44.10	17.19	43.80	17.34	43.60	17.41	43.50	17.48	43.20	17.62
	-18.8	-19	45.60	17.21	45.30	17.36	45.00	17.51	44.80	17.58	44.70	17.65	44.40	17.80
	-16.7	-17	48.10	17.56	47.70	17.71	47.40	17.86	47.30	17.94	47.10	18.01	46.80	18.16
	-15	-15.9	49.60	17.76	49.20	17.92	48.90	18.07	48.70	18.15	48.60	18.22	48.20	18.37
	-13.7	-15	51.00	17.95	50.60	18.11	50.30	18.27	50.20	18.35	50.00	18.43	49.60	18.53
	-11.8	-13	53.50	18.28	53.10	18.44	52.70	18.60	52.60	18.68	52.40	18.76	49.60	17.55
	-9.8	-11	56.20	18.64	55.90	18.81	55.50	18.97	54.90	18.85	53.10	18.06	49.60	16.52
	-9.5	-10	57.60	18.81	57.20	18.98	56.70	19.09	54.90	18.31	53.10	17.55	49.60	16.06
	-8.5	-9.1	58.90	18.98	58.50	19.16	56.70	18.56	54.90	17.80	53.10	17.06	49.60	15.62
	-7	-7.6	61.20	19.27	60.20	19.17	56.70	17.71	54.90	16.99	53.10	16.29	49.60	14.92
	-5	-5.6	63.80	19.40	60.20	18.00	56.70	16.63	54.90	15.96	53.10	15.31	49.60	14.03
	-3	-3.7	63.80	18.25	60.20	16.93	56.70	15.66	54.90	15.03	53.10	14.42	49.60	13.23
	0	-0.7	63.80	16.58	60.20	15.40	56.70	14.25	54.90	13.69	53.10	13.14	49.60	12.07
	3	2.2	63.80	15.13	60.20	14.07	56.70	13.04	54.90	12.53	53.10	12.04	49.60	11.07
	5	4.1	60.40	13.00	56.80	12.05	53.20	11.13	51.40	10.67	49.60	10.23	46.00	9.35
	7	6	56.90	11.08	53.30	10.23	49.60	9.40	47.80	9.00	46.00	8.60	42.40	7.82
	9	7.9	53.20	9.36	49.60	8.61	45.90	7.88	44.10	7.53	42.30	7.17	38.60	6.49
	11	9.8	49.50	7.85	45.80	7.19	42.10	6.55	40.20	6.24	38.40	5.93	34.60	5.33
	13	11.8	45.60	6.50	41.90	5.93	38.20	5.38	36.30	5.11	34.40	4.84	30.60	4.32
	15	13.7	41.60	5.36	37.80	4.86	34.10	4.39	32.10	4.16	30.20	3.93	26.30	3.48

6. ARUM180LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	33.00	15.48	32.80	15.60	32.60	15.72	32.50	15.78	32.30	15.84	32.10	15.95
	-24.8	-25	38.40	16.36	38.10	16.50	37.80	16.63	37.70	16.69	37.60	16.75	37.30	16.88
	-21.8	-22	41.70	16.88	41.40	17.02	41.10	17.16	41.00	17.23	40.80	17.30	40.60	17.43
	-19.8	-20	44.00	17.24	43.70	17.38	43.40	17.52	43.20	17.59	43.10	17.66	42.80	17.80
	-18.8	-19	45.20	17.42	44.80	17.56	44.50	17.71	44.40	17.78	44.20	17.85	44.00	17.98
	-16.7	-17	47.60	17.78	47.30	17.93	47.00	18.08	46.80	18.15	46.60	18.22	44.60	17.34
	-15	-15.9	49.10	17.99	48.70	18.15	48.40	18.30	48.20	18.37	47.80	18.30	44.60	16.75
	-13.7	-15	50.50	18.20	50.10	18.36	49.80	18.51	49.40	18.45	47.80	17.67	44.60	16.15
	-11.8	-13	52.90	18.54	52.50	18.70	51.00	18.20	49.40	17.47	47.80	16.75	44.60	15.32
	-9.8	-11	55.60	18.93	54.20	18.53	51.00	17.13	49.40	16.44	47.80	15.77	44.60	14.45
	-9.5	-10	56.90	19.11	54.20	18.00	51.00	16.65	49.40	15.98	47.80	15.33	44.60	14.06
	-8.5	-9.1	57.40	18.86	54.20	17.50	51.00	16.19	49.40	15.55	47.80	14.91	44.60	13.68
	-7	-7.6	57.40	18.00	54.20	16.71	51.00	15.46	49.40	14.85	47.80	14.25	44.60	13.07
	-5	-5.6	57.40	16.90	54.20	15.70	51.00	14.53	49.40	13.96	47.80	13.40	44.60	12.31
	-3	-3.7	57.40	15.91	54.20	14.79	51.00	13.70	49.40	13.17	47.80	12.64	44.60	11.62
	0	-0.7	57.40	14.48	54.20	13.47	51.00	12.49	49.40	12.02	47.80	11.54	44.60	10.62
	3	2.2	57.40	13.24	54.20	12.33	51.00	11.45	49.40	11.02	47.80	10.59	44.60	9.76
	5	4.1	54.30	11.41	51.10	10.60	47.90	9.80	46.30	9.41	44.70	9.03	41.40	8.28
	7	6	51.20	9.75	47.90	9.02	44.70	8.31	43.00	7.97	41.40	7.63	38.10	6.96
	9	7.9	47.90	8.27	44.60	7.63	41.30	7.00	39.70	6.70	38.00	6.39	34.70	5.80
	11	9.8	44.50	6.97	41.20	6.40	37.90	5.85	36.20	5.58	34.50	5.32	31.20	4.79
	13	11.8	41.10	5.81	37.70	5.31	34.30	4.84	32.60	4.60	30.90	4.37	27.50	3.92
	15	13.7	37.40	4.81	34.10	4.39	30.60	3.98	28.90	3.77	27.20	3.58	23.70	3.19
80	-30	-30.2	32.80	15.62	32.50	15.74	32.30	15.86	32.20	15.92	32.10	15.97	31.90	16.09
	-24.8	-25	38.00	16.55	37.70	16.68	37.50	16.81	37.30	16.87	37.20	16.93	37.00	17.05
	-21.8	-22	41.20	17.10	40.90	17.24	40.70	17.37	40.50	17.43	40.40	17.50	39.70	17.33
	-19.8	-20	43.50	17.47	43.20	17.61	42.90	17.75	42.80	17.82	42.50	17.82	39.70	16.33
	-18.8	-19	44.60	17.66	44.30	17.81	44.00	17.94	43.90	18.01	42.50	17.30	39.70	15.86
	-16.7	-17	47.00	18.05	46.70	18.20	45.40	17.69	43.90	16.99	42.50	16.30	39.70	14.94
	-15	-15.9	48.40	18.28	48.10	18.43	45.40	17.09	43.90	16.41	42.50	15.73	39.70	14.41
	-13.7	-15	49.80	18.50	48.20	17.84	45.40	16.49	43.90	15.83	42.50	15.17	39.70	13.90
	-11.8	-13	51.00	18.21	48.20	16.91	45.40	15.64	43.90	15.01	42.50	14.40	39.70	13.20
	-9.8	-11	51.00	17.13	48.20	15.92	45.40	14.74	43.90	14.17	42.50	13.60	39.70	12.49
	-9.5	-10	51.00	16.65	48.20	15.47	45.40	14.33	43.90	13.78	42.50	13.23	39.70	12.16
	-8.5	-9.1	51.00	16.19	48.20	15.05	45.40	13.95	43.90	13.41	42.50	12.88	39.70	11.83
	-7	-7.6	51.00	15.46	48.20	14.38	45.40	13.33	43.90	12.82	42.50	12.31	39.70	11.32
	-5	-5.6	51.00	14.53	48.20	13.53	45.40	12.55	43.90	12.07	42.50	11.60	39.70	10.67
	-3	-3.7	51.00	13.70	48.20	12.76	45.40	11.84	43.90	11.40	42.50	10.95	39.70	10.09
	0	-0.7	51.00	12.49	48.20	11.65	45.40	10.83	43.90	10.42	42.50	10.03	39.70	9.25
	3	2.2	51.00	11.45	48.20	10.69	45.40	9.95	43.90	9.58	42.50	9.22	39.70	8.52
	5	4.1	48.30	9.90	45.40	9.21	42.60	8.54	41.10	8.21	39.70	7.89	36.80	7.25
	7	6	45.50	8.49	42.60	7.88	39.70	7.28	38.30	6.98	36.80	6.69	33.90	6.13
	9	7.9	42.60	7.24	39.70	6.69	36.70	6.16	35.30	5.90	33.80	5.64	30.80	5.14
	11	9.8	39.60	6.13	36.60	5.65	33.70	5.18	32.20	4.95	30.70	4.73	27.70	4.28
	13	11.8	36.50	5.14	33.50	4.72	30.50	4.32	29.00	4.12	27.50	3.92	24.40	3.53
	15	13.7	33.30	4.29	30.30	3.93	27.20	3.58	25.70	3.41	24.20	3.24	21.10	2.91
70	-30	-30.2	32.40	15.81	32.20	15.92	32.00	16.04	31.90	16.09	31.80	16.15	31.50	16.25

6. ARUM180LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	37.50	16.79	37.30	16.91	37.00	17.03	36.90	17.09	36.80	17.15	34.70	16.02
	-21.8	-22	40.70	17.37	40.40	17.50	39.70	17.33	38.40	16.65	37.20	15.98	34.70	14.67
	-19.8	-20	42.90	17.77	42.20	17.64	39.70	16.33	38.40	15.70	37.20	15.07	34.70	13.84
	-18.8	-19	44.00	17.97	42.20	17.12	39.70	15.86	38.40	15.24	37.20	14.63	34.70	13.44
	-16.7	-17	44.60	17.34	42.20	16.13	39.70	14.94	38.40	14.37	37.20	13.80	34.70	12.68
	-15	-15.9	44.60	16.75	42.20	15.57	39.70	14.41	38.40	13.85	37.20	13.30	34.70	12.21
	-13.7	-15	44.60	16.16	42.20	15.01	39.70	13.91	38.40	13.36	37.20	12.83	34.70	11.78
	-11.8	-13	44.60	15.32	42.20	14.24	39.70	13.20	38.40	12.68	37.20	12.18	34.70	11.19
	-9.8	-11	44.60	14.46	42.20	13.46	39.70	12.49	38.40	12.01	37.20	11.53	34.70	10.60
	-9.5	-10	44.60	14.06	42.20	13.09	39.70	12.16	38.40	11.70	37.20	11.24	34.70	10.36
	-8.5	-9.1	44.60	13.68	42.20	12.74	39.70	11.83	38.40	11.39	37.20	10.95	34.70	10.09
	-7	-7.6	44.60	13.07	42.20	12.19	39.70	11.32	38.40	10.90	37.20	10.48	34.70	9.66
	-5	-5.6	44.60	12.31	42.20	11.48	39.70	10.67	38.40	10.28	37.20	9.89	34.70	9.13
	-3	-3.7	44.60	11.62	42.20	10.85	39.70	10.09	38.40	9.72	37.20	9.36	34.70	8.64
	0	-0.7	44.60	10.62	42.20	9.93	39.70	9.25	38.40	8.91	37.20	8.58	34.70	7.94
	3	2.2	44.60	9.76	42.20	9.13	39.70	8.52	38.40	8.22	37.20	7.92	34.70	7.33
	5	4.1	42.30	8.47	39.80	7.90	37.30	7.34	36.00	7.07	34.70	6.80	32.20	6.28
	7	6	39.80	7.30	37.30	6.79	34.70	6.29	33.50	6.05	32.20	5.81	29.60	5.34
	9	7.9	37.30	6.26	34.70	5.80	32.20	5.36	30.90	5.15	29.60	4.93	27.00	4.51
	11	9.8	34.60	5.33	32.10	4.93	29.50	4.54	28.20	4.35	26.90	4.16	24.20	3.79
	13	11.8	31.90	4.50	29.30	4.16	26.70	3.82	25.40	3.65	24.10	3.49	21.40	3.16
	15	13.7	29.10	3.80	26.50	3.50	23.80	3.20	22.50	3.06	21.20	2.92	18.40	2.64
60	-30	-30.2	31.90	16.04	31.70	16.16	31.50	16.26	31.40	16.32	31.30	16.37	29.80	15.43
	-24.8	-25	36.90	17.09	36.10	16.84	34.00	15.61	33.00	15.01	31.90	14.42	29.80	13.26
	-21.8	-22	38.30	16.55	36.10	15.41	34.00	14.30	33.00	13.75	31.90	13.22	29.80	12.16
	-19.8	-20	38.30	15.61	36.10	14.53	34.00	13.49	33.00	12.98	31.90	12.48	29.80	11.49
	-18.8	-19	38.30	15.15	36.10	14.12	34.00	13.11	33.00	12.61	31.90	12.12	29.80	11.16
	-16.7	-17	38.30	14.28	36.10	13.31	34.00	12.37	33.00	11.90	31.90	11.44	29.80	10.55
	-15	-15.9	38.30	13.77	36.10	12.83	34.00	11.91	33.00	11.46	31.90	11.01	29.80	10.14
	-13.7	-15	38.30	13.29	36.10	12.38	34.00	11.49	33.00	11.06	31.90	10.63	29.80	9.80
	-11.8	-13	38.30	12.61	36.10	11.75	34.00	10.92	33.00	10.51	31.90	10.10	29.80	9.31
	-9.8	-11	38.30	11.94	36.10	11.13	34.00	10.34	33.00	9.96	31.90	9.58	29.80	8.83
	-9.5	-10	38.30	11.63	36.10	10.86	34.00	10.11	33.00	9.74	31.90	9.38	29.80	8.66
	-8.5	-9.1	38.30	11.33	36.10	10.58	34.00	9.85	33.00	9.49	31.90	9.14	29.80	8.45
	-7	-7.6	38.30	10.84	36.10	10.13	34.00	9.44	33.00	9.10	31.90	8.76	29.80	8.10
	-5	-5.6	38.30	10.22	36.10	9.56	34.00	8.91	33.00	8.59	31.90	8.28	29.80	7.66
	-3	-3.7	38.30	9.67	36.10	9.05	34.00	8.44	33.00	8.14	31.90	7.85	29.80	7.27
	0	-0.7	38.30	8.87	36.10	8.31	34.00	7.76	33.00	7.49	31.90	7.22	29.80	6.70
	3	2.2	38.30	8.17	36.10	7.67	34.00	7.17	33.00	6.93	31.90	6.68	29.80	6.21
	5	4.1	36.20	7.12	34.10	6.66	31.90	6.21	30.90	5.99	29.80	5.78	27.60	5.35
	7	6	34.10	6.17	32.00	5.76	29.80	5.36	28.70	5.16	27.60	4.97	25.40	4.58
	9	7.9	31.90	5.33	29.80	4.96	27.60	4.60	26.50	4.43	25.40	4.25	23.10	3.91
	11	9.8	29.70	4.58	27.50	4.25	25.30	3.94	24.10	3.78	23.00	3.63	20.80	3.33
	13	11.8	27.40	3.90	25.10	3.62	22.90	3.34	21.80	3.21	20.60	3.07	18.30	2.81
	15	13.7	25.00	3.32	22.70	3.08	20.40	2.84	19.30	2.72	18.10	2.61	15.80	2.38
50	-30	-30.2	31.30	16.36	30.10	15.66	28.30	14.54	27.50	13.99	26.60	13.44	24.80	12.38
	-24.8	-25	31.90	14.42	30.10	13.45	28.30	12.50	27.50	12.04	26.60	11.58	24.80	10.68

6. ARUM180LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	31.90	13.22	30.10	12.34	28.30	11.48	27.50	11.05	26.60	10.64	24.80	9.82
	-19.8	-20	31.90	12.48	30.10	11.65	28.30	10.84	27.50	10.45	26.60	10.06	24.80	9.29
	-18.8	-19	31.90	12.12	30.10	11.32	28.30	10.54	27.50	10.16	26.60	9.78	24.80	9.03
	-16.7	-17	31.90	11.44	30.10	10.69	28.30	9.96	27.50	9.60	26.60	9.25	24.80	8.55
	-15	-15.9	31.90	11.01	30.10	10.29	28.30	9.58	27.50	9.23	26.60	8.89	24.80	8.22
	-13.7	-15	31.90	10.63	30.10	9.93	28.30	9.25	27.50	8.92	26.60	8.59	24.80	7.94
	-11.8	-13	31.90	10.10	30.10	9.44	28.30	8.80	27.50	8.48	26.60	8.17	24.80	7.56
	-9.8	-11	31.90	9.58	30.10	8.96	28.30	8.35	27.50	8.05	26.60	7.76	24.80	7.18
	-9.5	-10	31.90	9.38	30.10	8.78	28.30	8.20	27.50	7.91	26.60	7.63	24.80	7.07
	-8.5	-9.1	31.90	9.14	30.10	8.56	28.30	7.99	27.50	7.72	26.60	7.44	24.80	6.90
	-7	-7.6	31.90	8.76	30.10	8.21	28.30	7.67	27.50	7.41	26.60	7.15	24.80	6.63
	-5	-5.6	31.90	8.28	30.10	7.77	28.30	7.26	27.50	7.02	26.60	6.77	24.80	6.29
	-3	-3.7	31.90	7.85	30.10	7.37	28.30	6.90	27.50	6.66	26.60	6.43	24.80	5.98
	0	-0.7	31.90	7.22	30.10	6.79	28.30	6.36	27.50	6.15	26.60	5.95	24.80	5.54
	3	2.2	31.90	6.69	30.10	6.29	28.30	5.90	27.50	5.71	26.60	5.52	24.80	5.15
	5	4.1	30.20	5.86	28.40	5.50	26.60	5.15	25.70	4.98	24.80	4.81	23.00	4.48
	7	6	28.40	5.12	26.60	4.80	24.80	4.48	23.90	4.33	23.00	4.17	21.20	3.87
	9	7.9	26.60	4.45	24.80	4.17	23.00	3.89	22.00	3.75	21.10	3.61	19.30	3.34
	11	9.8	24.70	3.86	22.90	3.61	21.10	3.36	20.10	3.24	19.20	3.12	17.30	2.88
	13	11.8	22.80	3.33	20.90	3.11	19.10	2.90	18.10	2.79	17.20	2.68	15.30	2.48
	15	13.7	20.80	2.88	18.90	2.69	17.00	2.50	16.10	2.41	15.10	2.31	13.20	2.13

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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6.8 Capacity Correction Factor

6.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

6.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

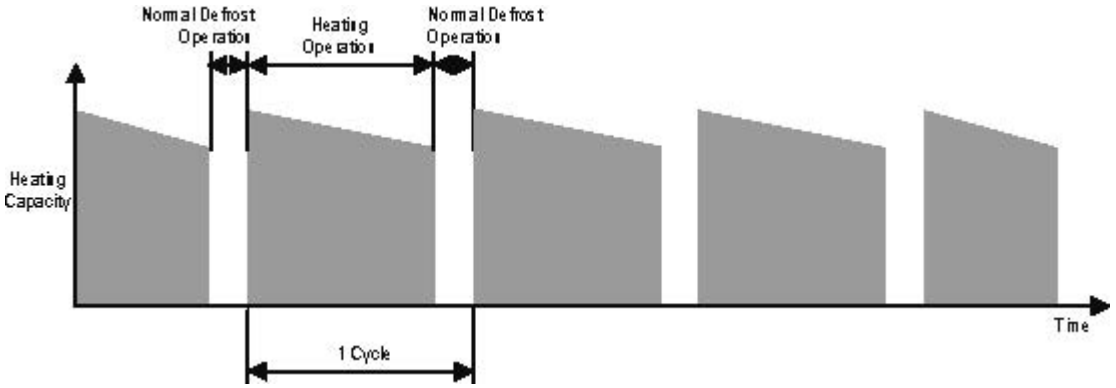
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

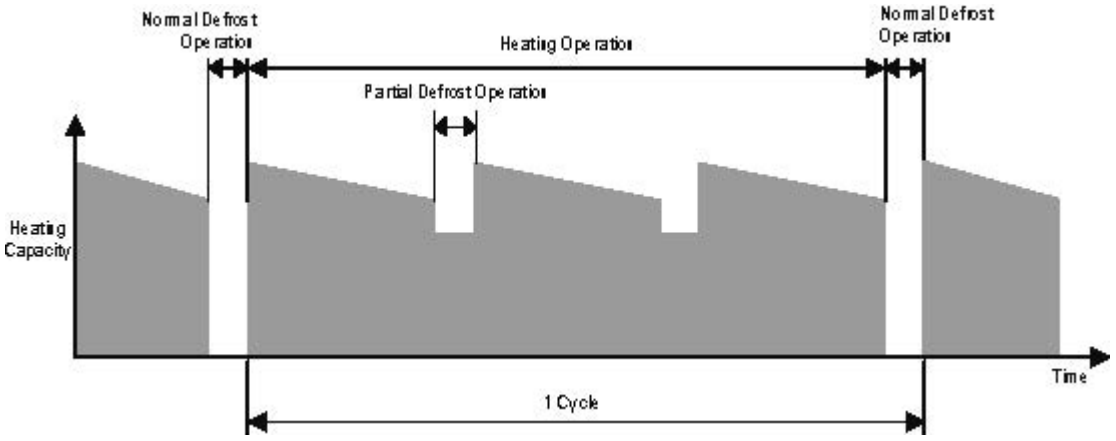
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



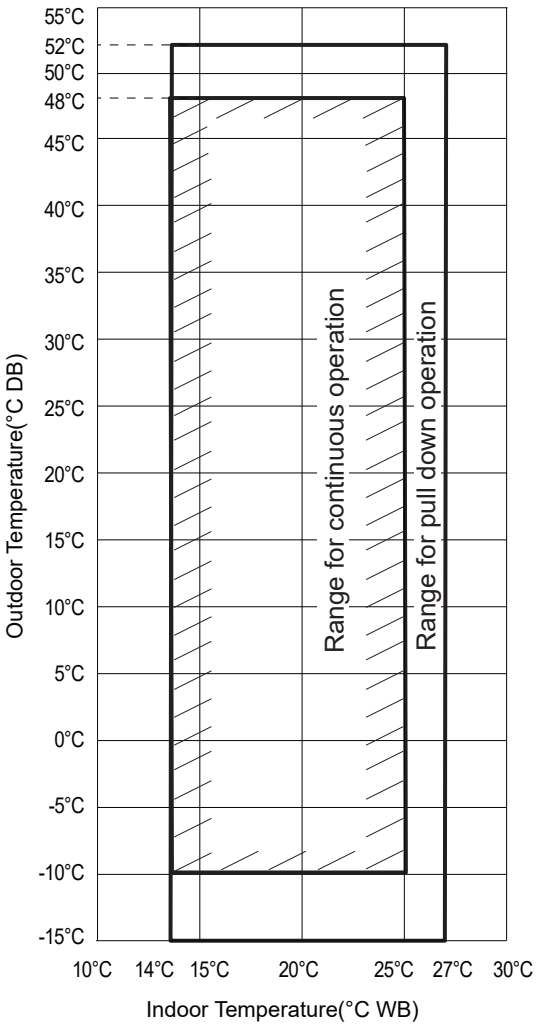
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

6.9 Operation Limits

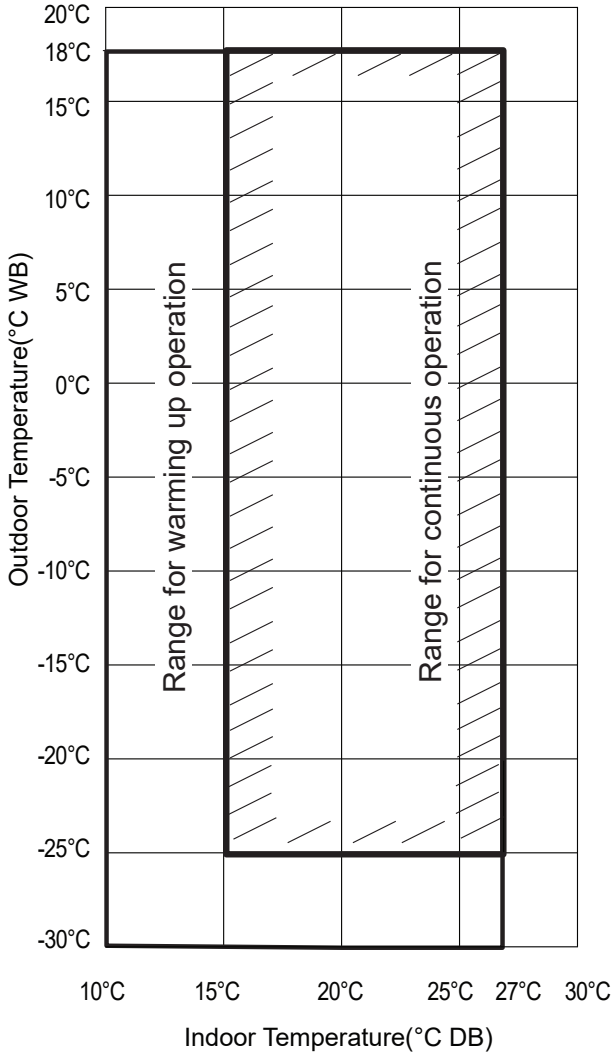
6.9.1 Cooling



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

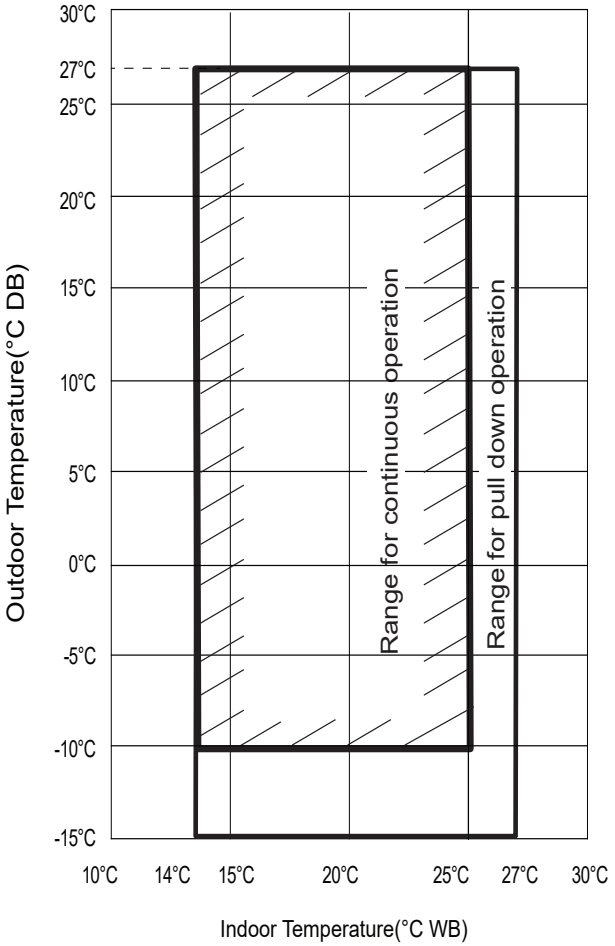
6.9.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

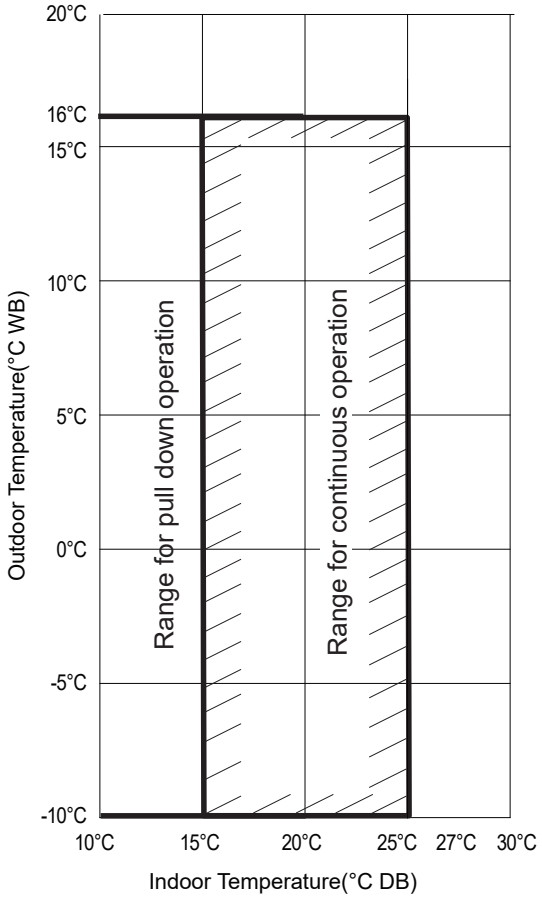
6.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

6.9.4 Simultaneous Operation (Heating)



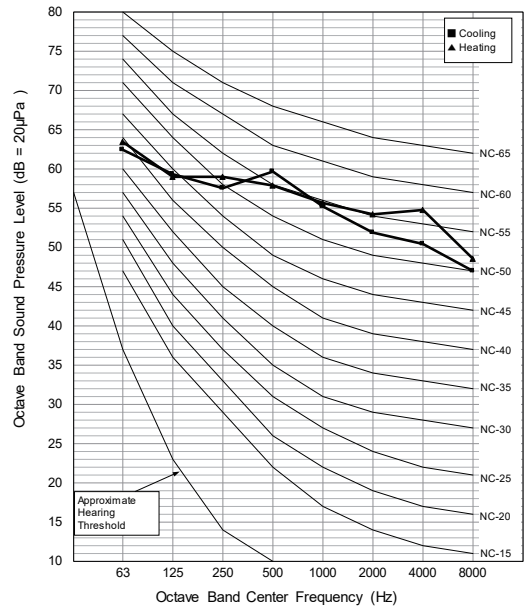
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

6. ARUM180LTE6

6.10 Sound Levels

6.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	62.5	59.3	57.6	59.7	55.2	51.9	50.4	47.0	*61.0*
Heating [dB]	63.5	59.0	59.0	57.9	55.7	54.2	54.8	48.6	*62.0*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	60.5	61.0	95	95
op4~op6, op11	59.0	59.0	85	85
op7~op9, op12	57.0	57.0	65	65

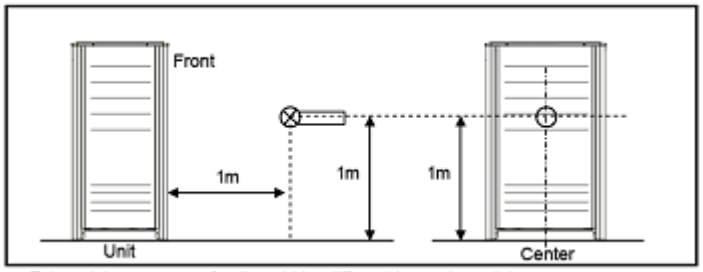
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	100
op3	60	90
op4	55	50
op5	50	35

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	61.0 / 62.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

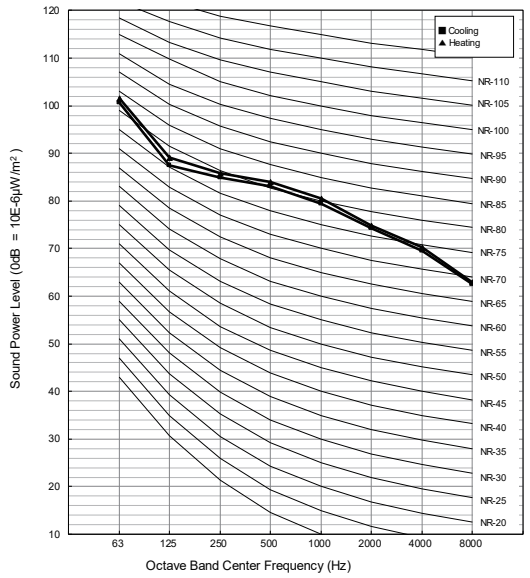
<Measurement Scene>



※ External Appearance of unit could be different by each model.

6. ARUM180LTE6

6.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	100.7	87.5	85.0	83.1	79.3	74.2	69.6	62.5	*85.0*
Heating [dB]	101.6	89.2	85.0	83.1	79.3	74.2	69.6	62.5	*86.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	83.0	83.0	95	95
op4~op6, op11	81.0	81.0	85	85
op7~op9, op12	79.0	79.0	65	65

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	85.0 / 86.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

7. ARUM200LTE6

7.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	28.65 - 27.22 - 26.24
	Running Current by Voltage (Heating,Rated)	A	20.66 - 19.62 - 18.91
Cooling Capacity	Rated	kW	56.0
		Btu/h	191,100
Heating Capacity	Rated	kW	56.0
		Btu/h	191,100
	Max	kW	63.0
		Btu/h	215,000
Power Input(Cooling)	Rated	kW	17.54
Power Input(Heating)	Rated	kW	12.64
Efficiency	EER(Rated)	W/W	3.19
	COP(Rated)	W/W	4.43
	SEER	Wh/Wh	8.42
	SCOP	Wh/Wh	5.13
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	320 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	900 x 2
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 x 2
	Number of Revolution	rev./min	3,600 x 2
	Motor Output	W x No.	5,300 x 2
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	1
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,240 x 1,745 x 760
	Shipping(W x H x D)	mm	1,282 x 1,919 x 802
Weight	Net	kg	300
	Shipping	kg	310
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

7. ARUM200LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	16.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	33.400
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ15.88 (5/8)
	Gas	mm(inch)	Φ28.58 (1-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ22.2 (7/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	62.0 / 63.5
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	86.0 / 89.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	45.5
	Maximum Fuse Amperes (MFA)	A	50
	Total Over Current Amperes (TOCA)	A	50.0
	Comp_Maximum Starting Current (MSC)	A	11.8
	Comp_Rated Load Amperes (Cooling)	A	26.2
	Comp_Rated Load Amperes (Heating)	A	18.2
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	2.5
Connectable indoor units number	Max. (Conditional)	Units	32(50)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

7. ARUM200LTE6

7.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

7. ARUM200LTE6

7.3 Accessory Compatibility List

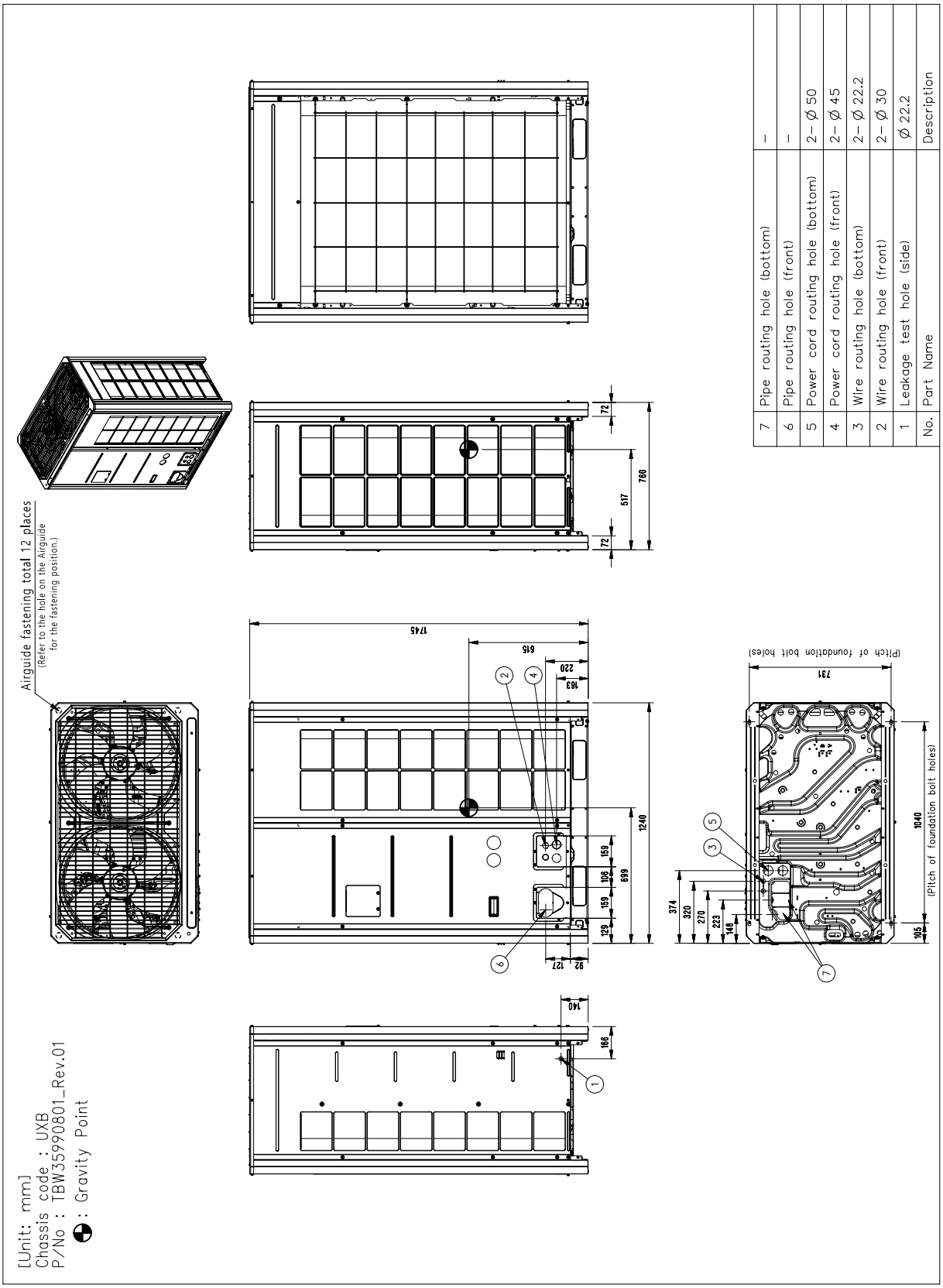
Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

7. ARUM200LTE6

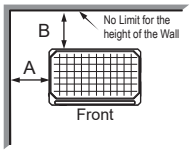
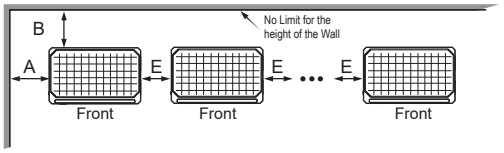
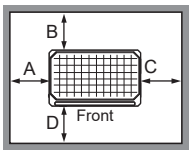
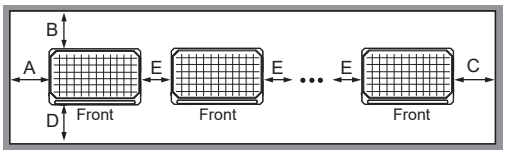
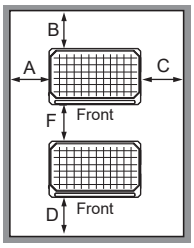
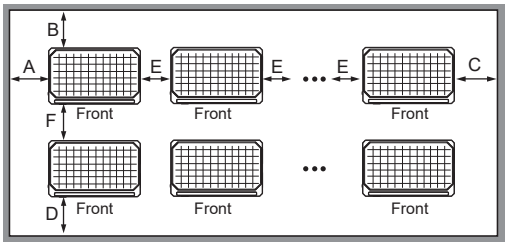
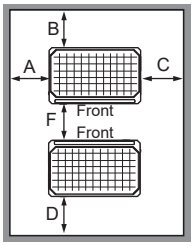
7.4 Dimensions



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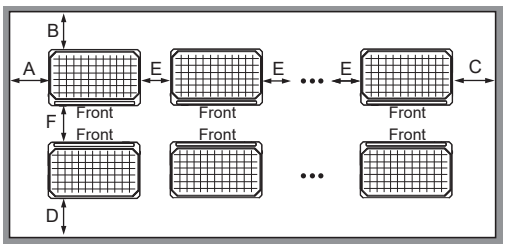
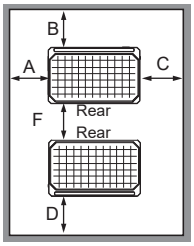
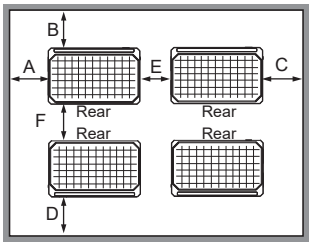
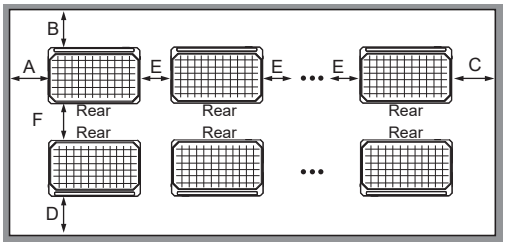
7.4.2 Installation Space

[Unit : mm(inch)]

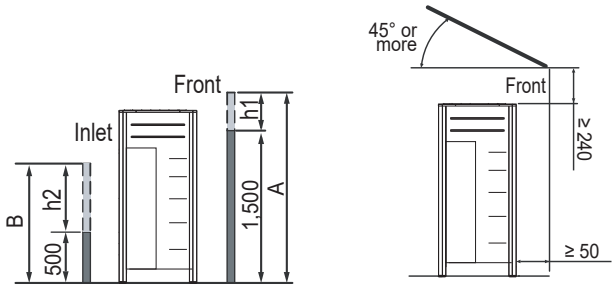
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

7. ARUM200LTE6

[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

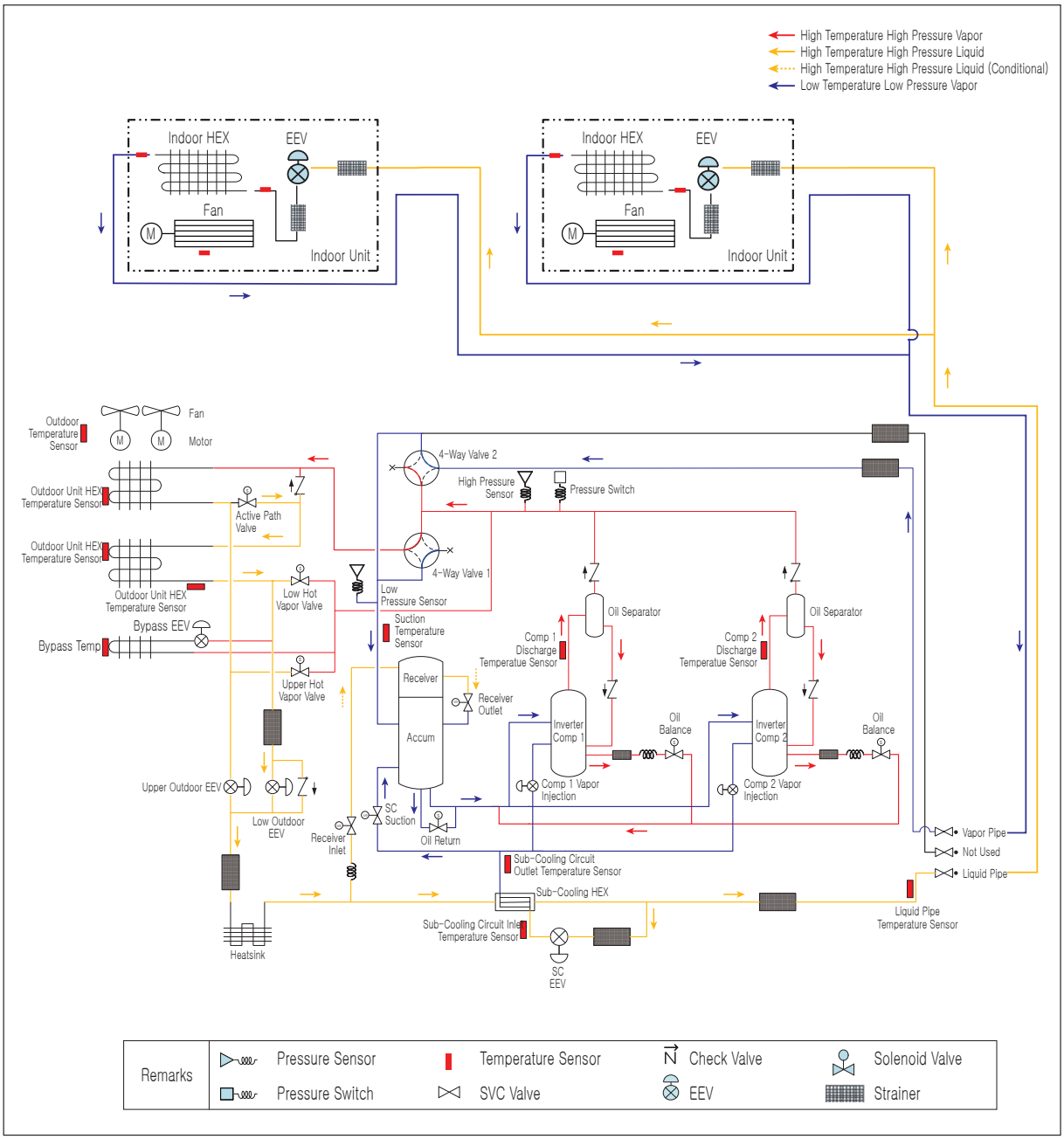
- There is no limit to the wall on the side.

Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

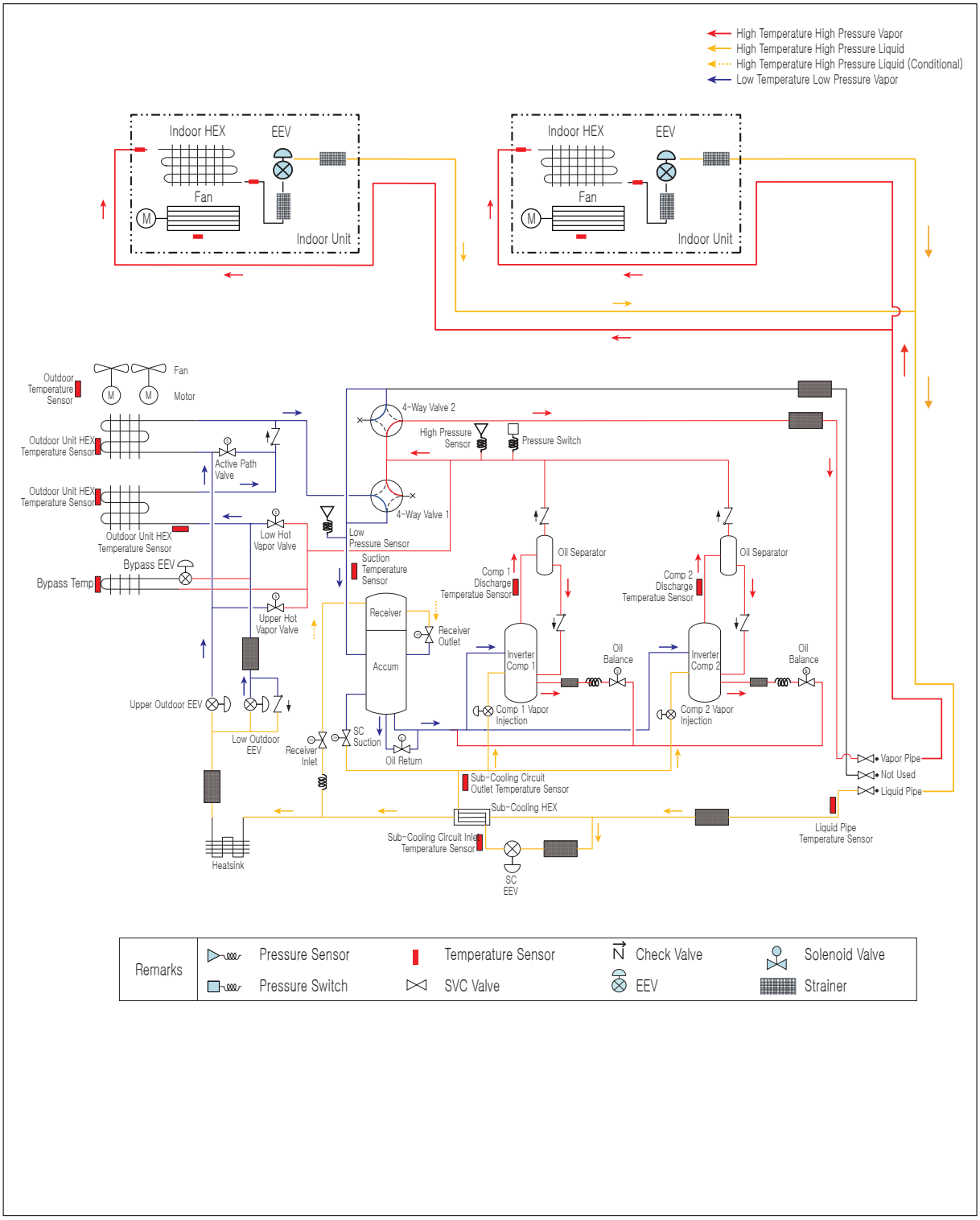
7.5 Piping Diagrams

7.5.1 Heat Pump : Cooling



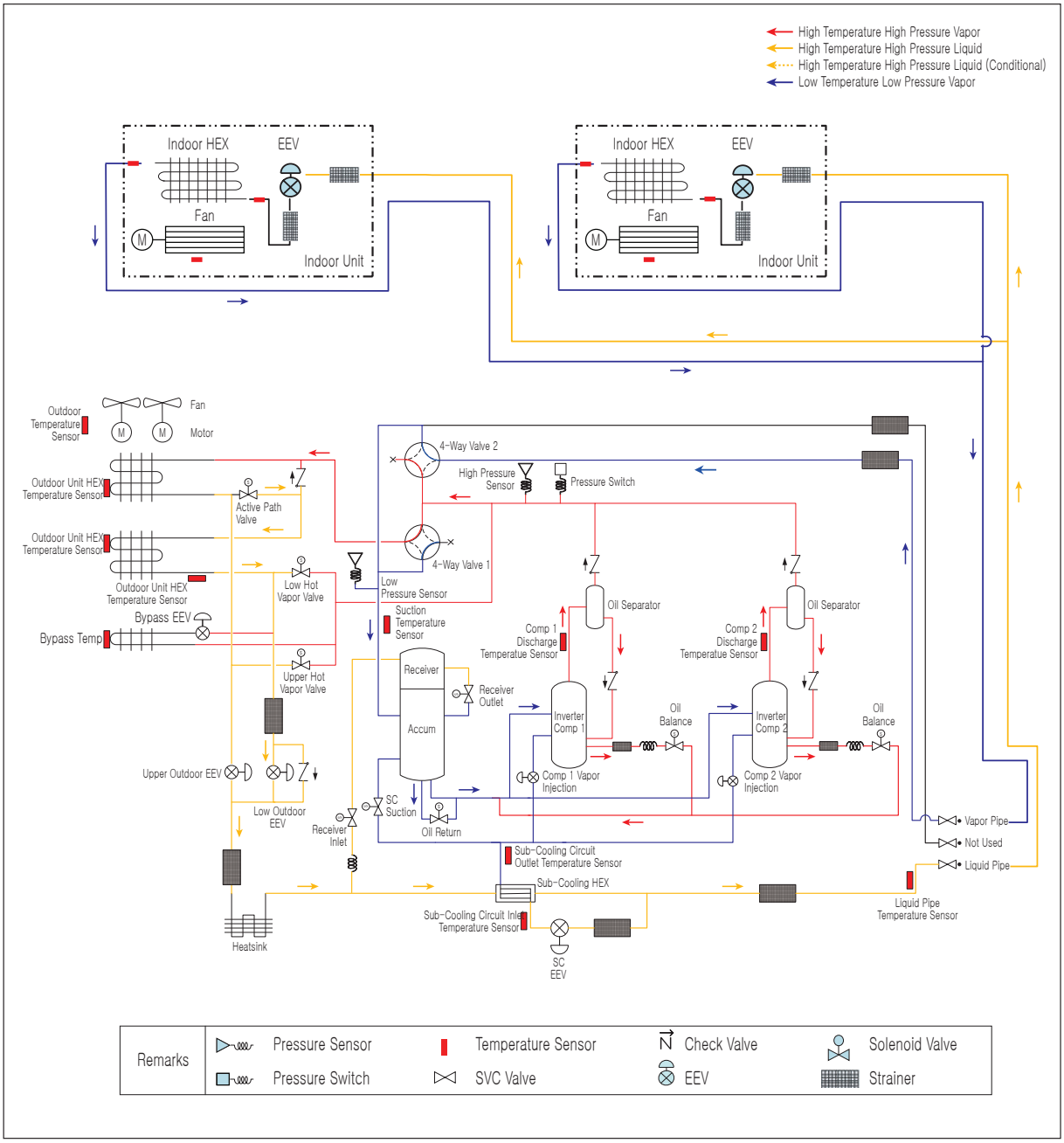
7. ARUM200LTE6

7.5.2 Heat Pump : Heating



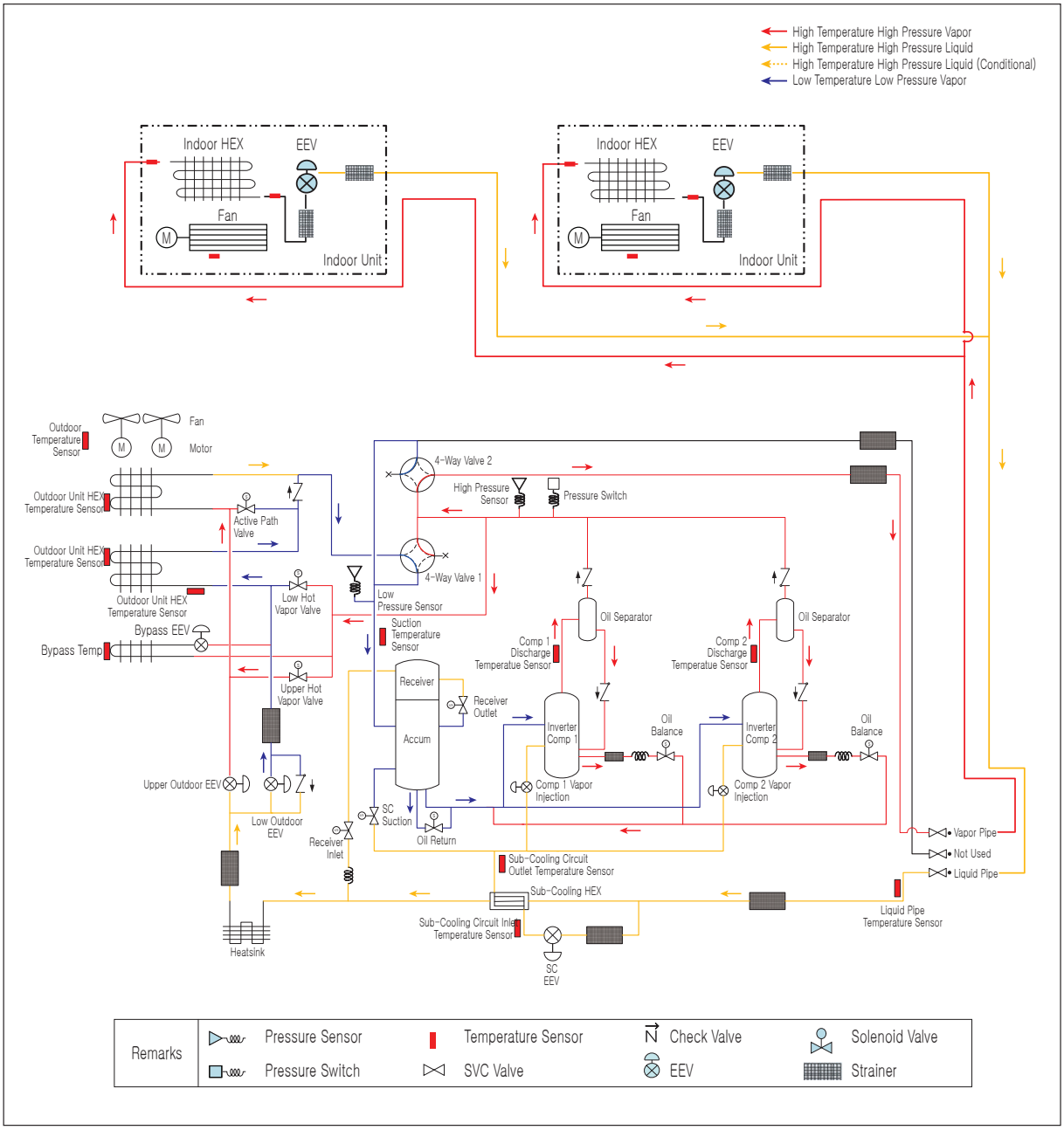
7. ARUM200LTE6

7.5.3 Heat Pump : Defrost / Oil Return

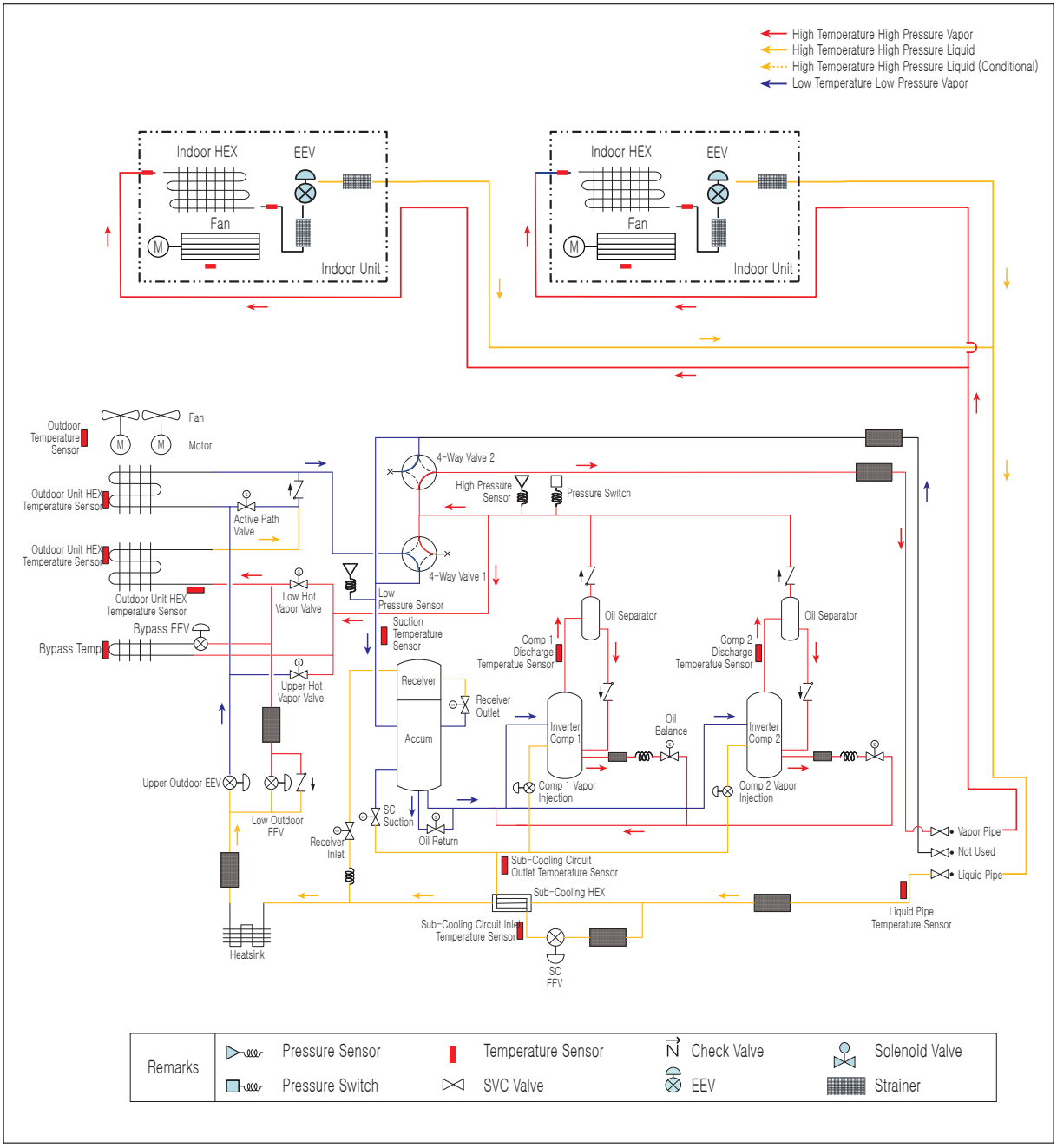


7. ARUM200LTE6

7.5.4 Heat Pump : Upper HEX Defrost

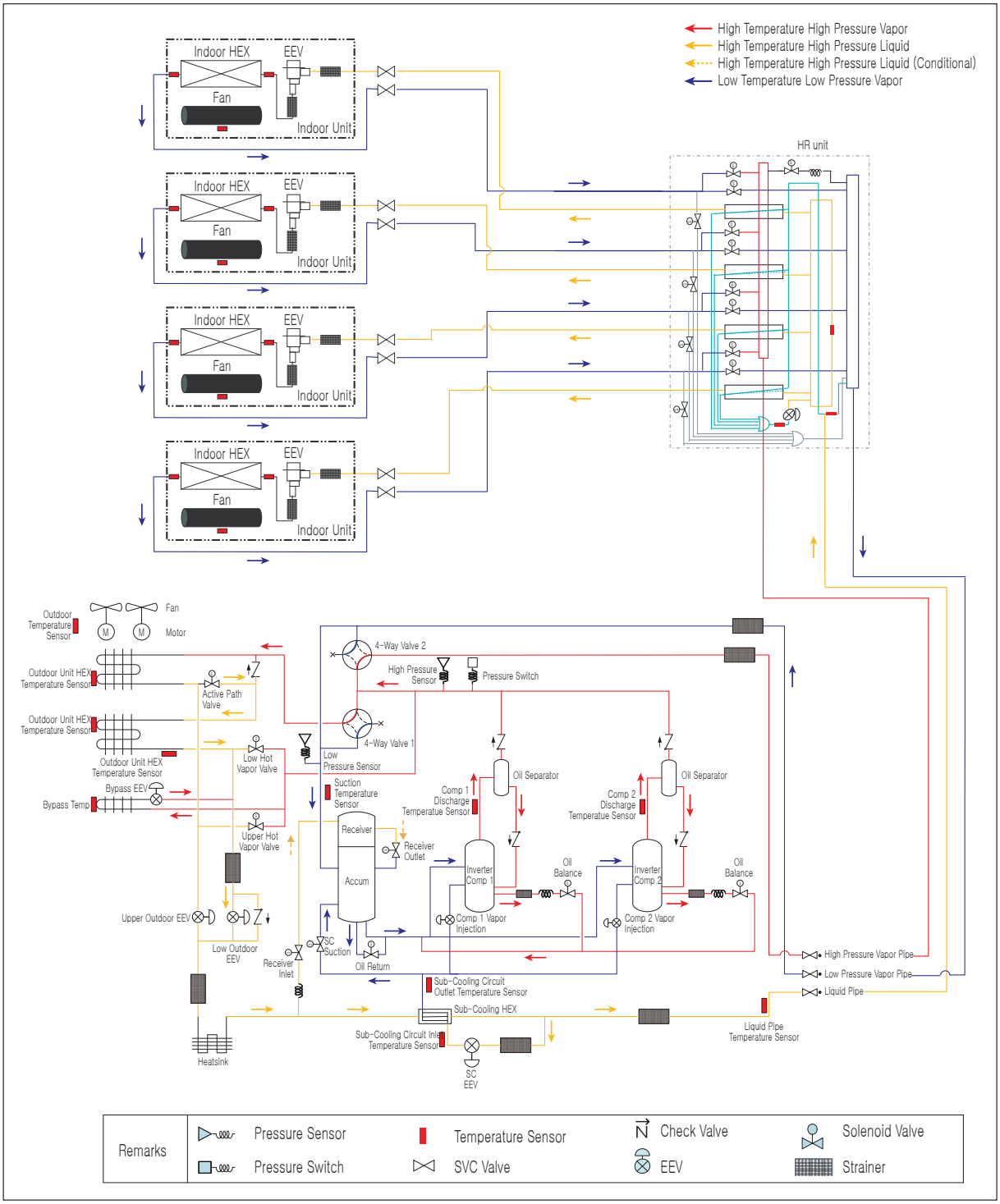


7.5.5 Heat Pump : Lower HEX Defrost



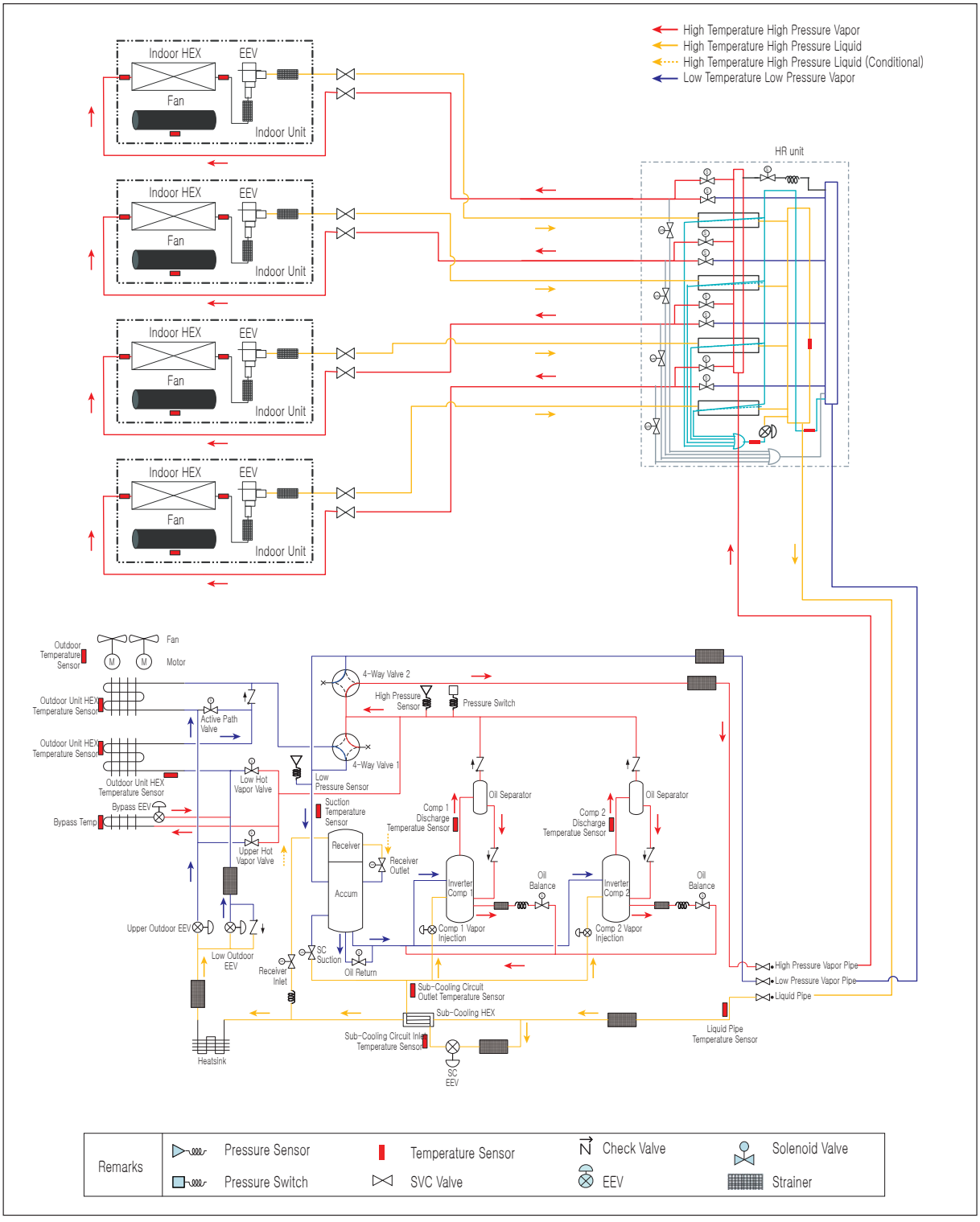
7. ARUM200LTE6

7.5.6 Heat Recovery : Cooling



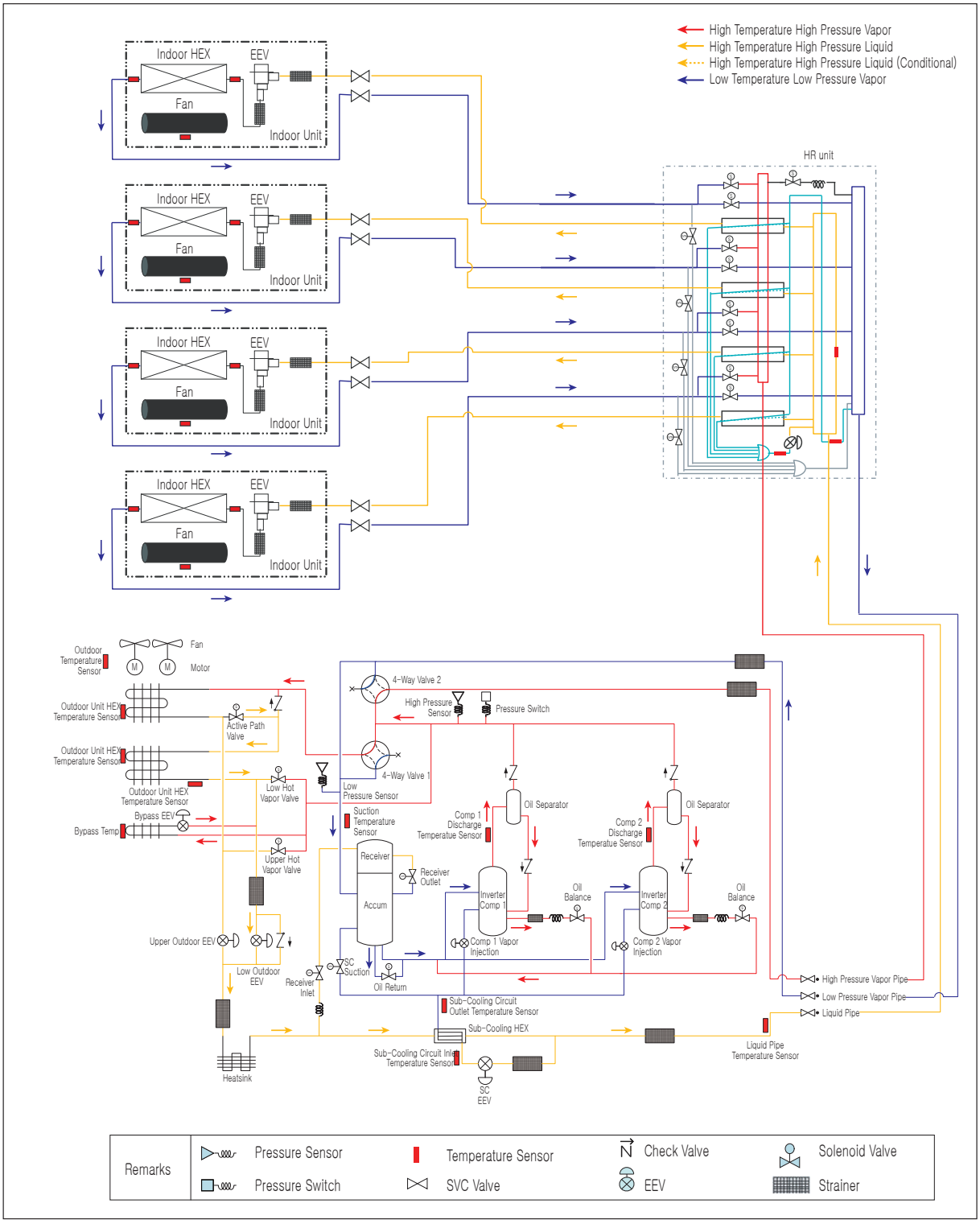
7. ARUM200LTE6

7.5.7 Heat Recovery : Heating



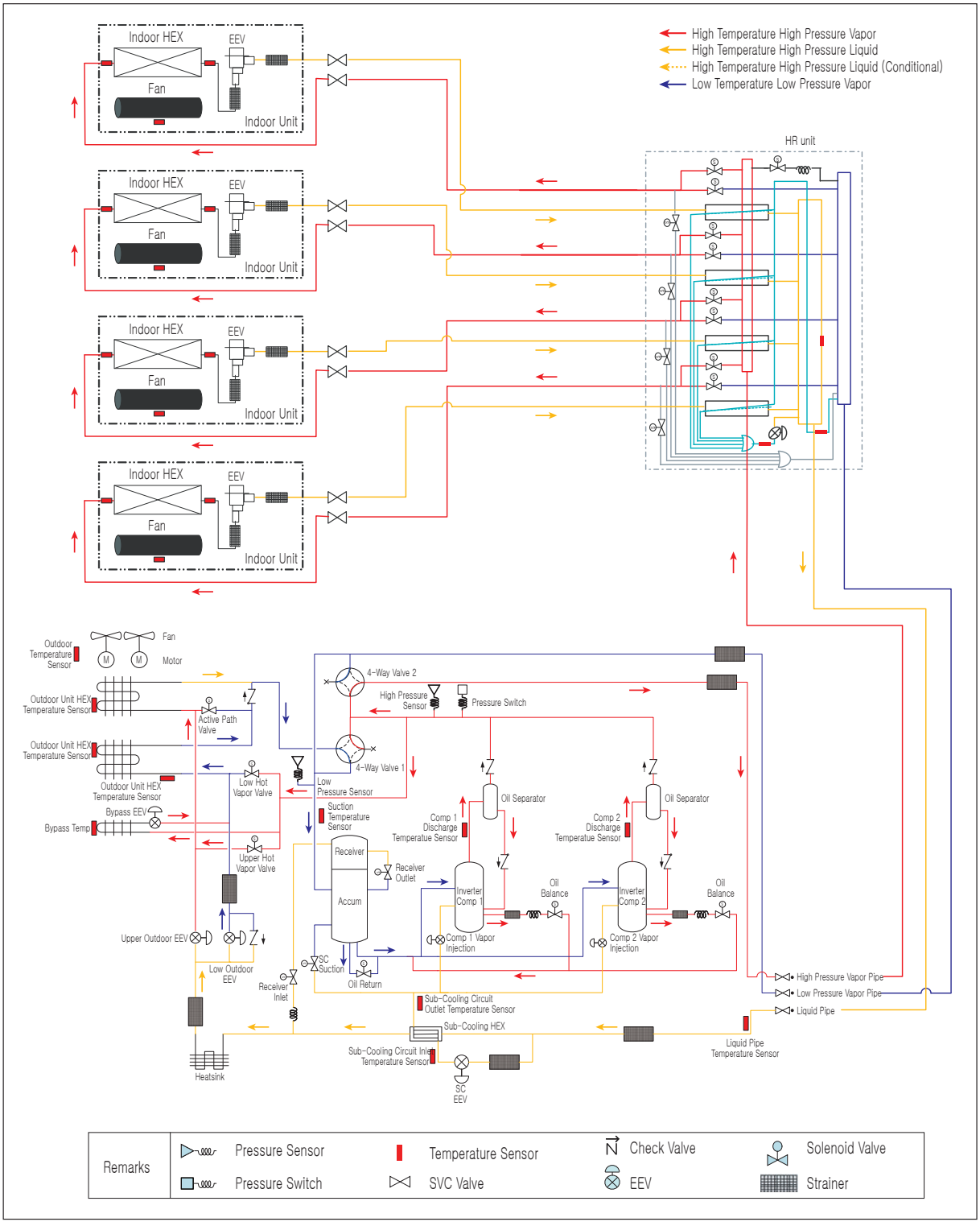
7. ARUM200LTE6

7.5.8 Heat Recovery : Defrost / Oil Return



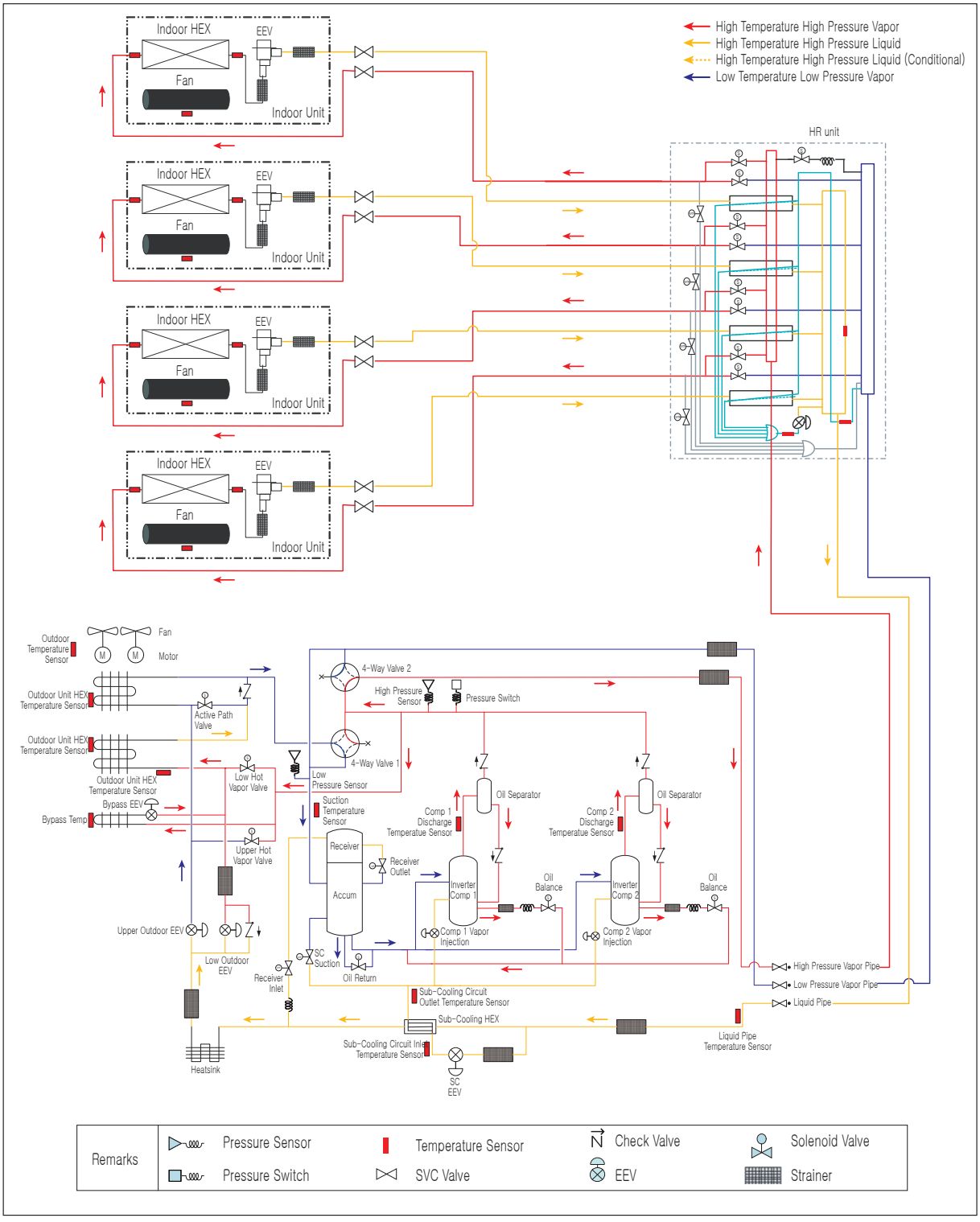
7. ARUM200LTE6

7.5.9 Heat Recovery : Upper HEX Defrost

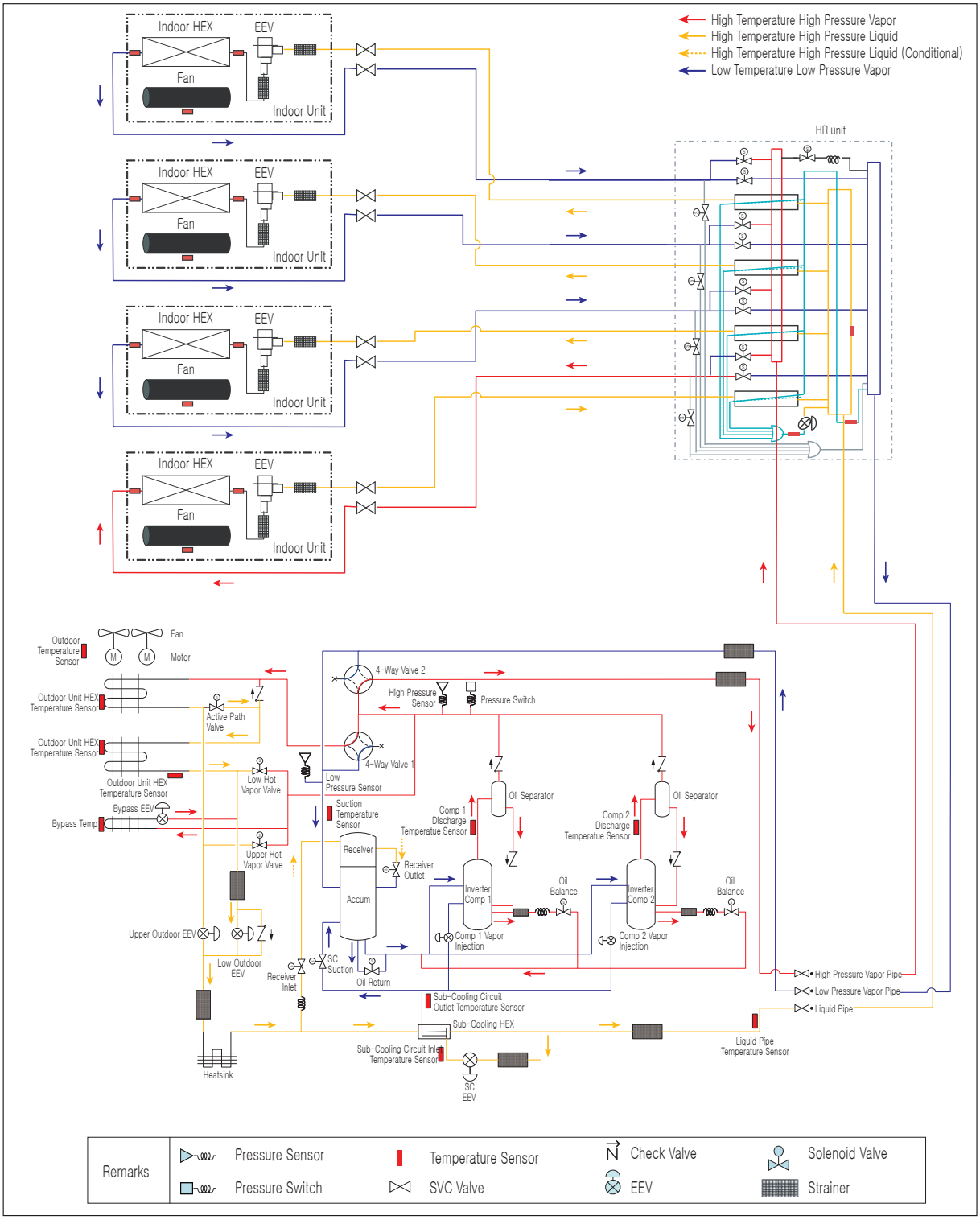


7. ARUM200LTE6

7.5.10 Heat Recovery : Lower HEX Defrost

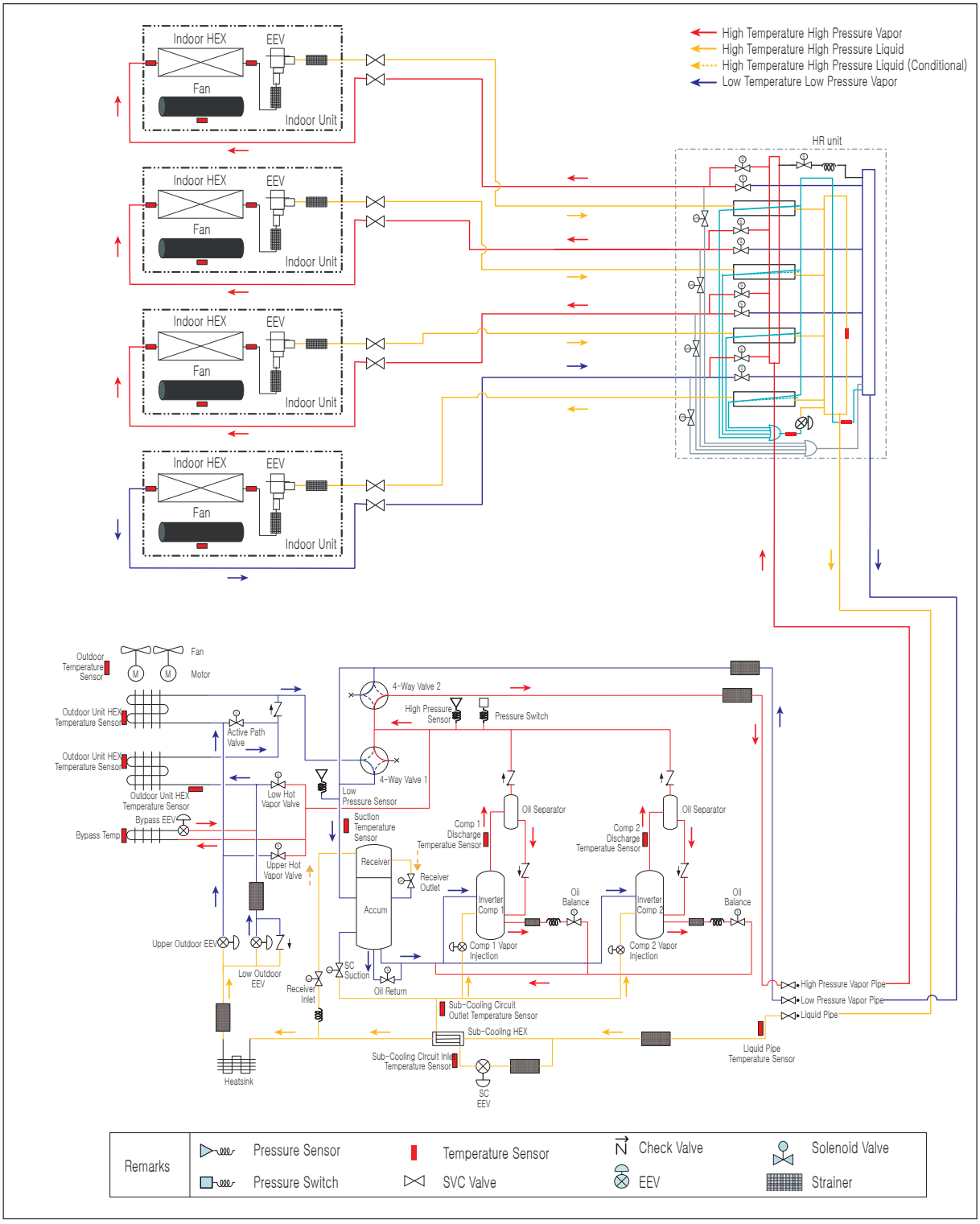


7.5.11 Heat Recovery : Cooling-based Simultaneous Operation



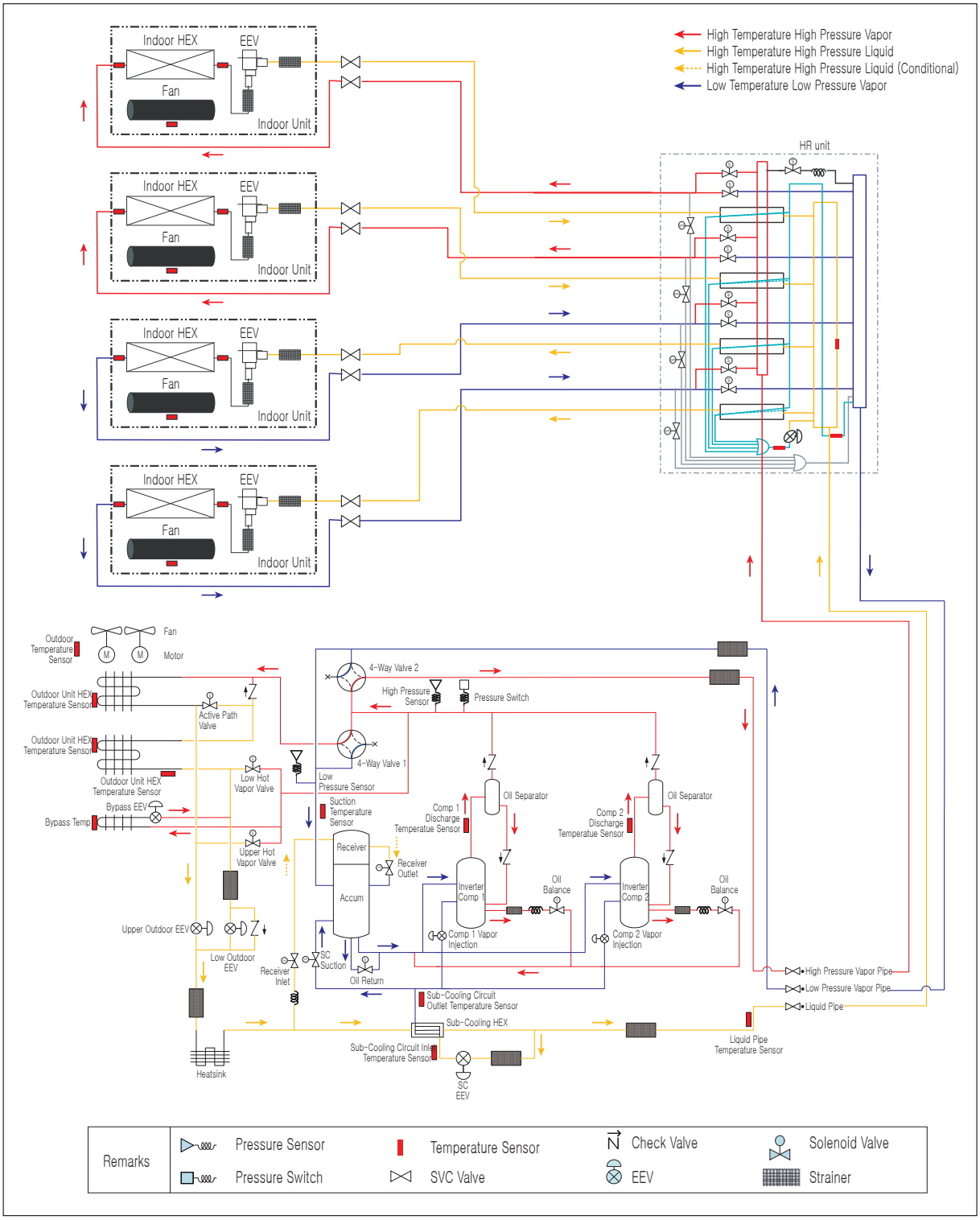
7. ARUM200LTE6

7.5.12 Heat Recovery : Heating-based Simultaneous Operation



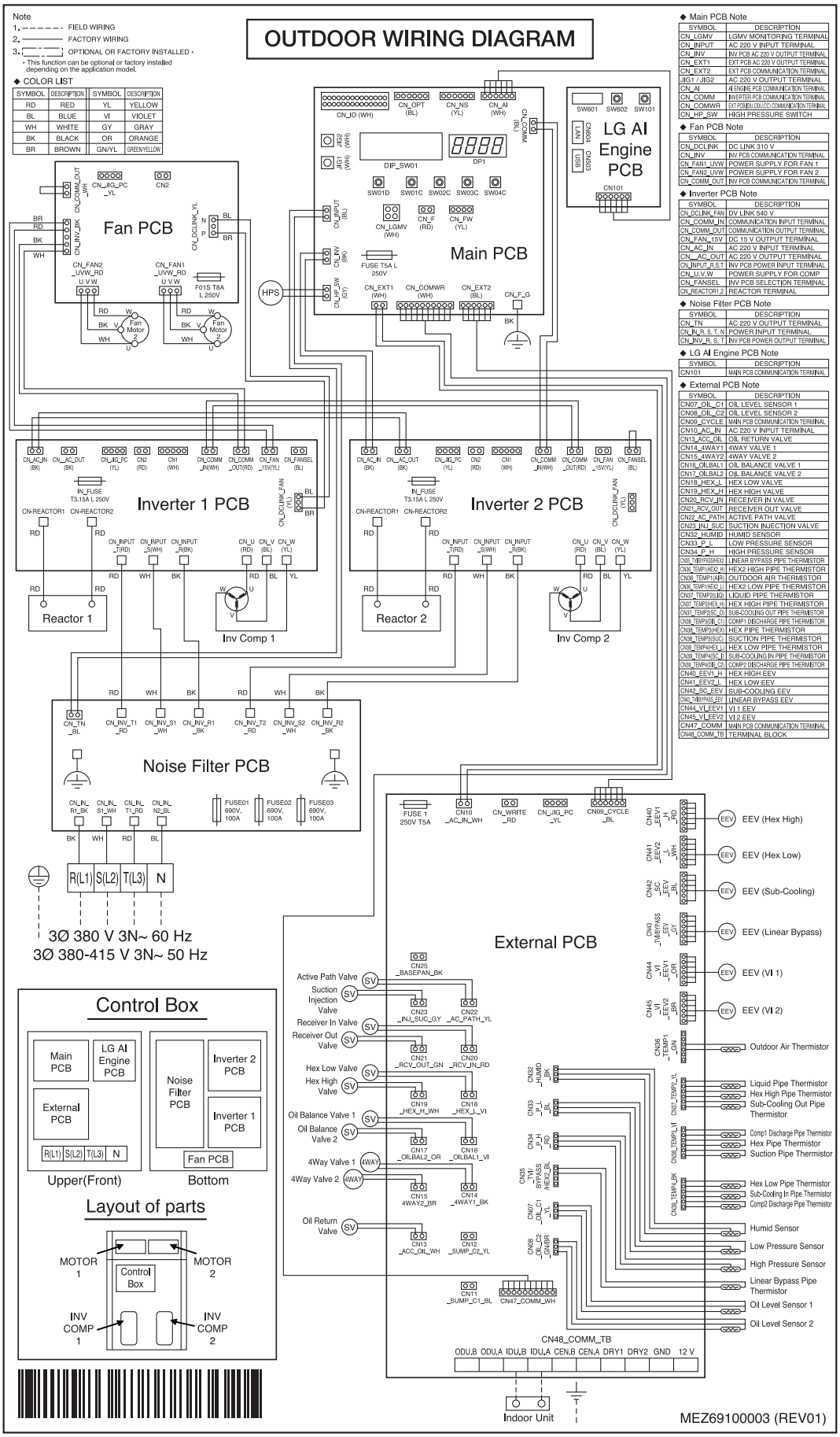
7. ARUM200LTE6

7.5.13 Heat Recovery : Balanced Simultaneous Operation



7. ARUM200LTE6

7.6 Wiring Diagrams



7. ARUM200LTE6

7.7 Capacity Tables

7.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	43.70	4.41	55.20	6.12	67.60	8.89	72.80	10.40	78.60	12.38	83.60	14.01	87.50	15.25
	12	43.70	4.82	55.20	6.76	67.60	9.81	72.80	11.45	78.60	13.58	83.60	15.20	87.50	16.48
	14	43.70	5.28	55.20	7.46	67.60	10.82	72.80	12.60	78.60	14.86	83.60	16.50	87.50	17.81
	16	43.70	5.79	55.20	8.24	67.60	11.93	72.80	13.86	78.60	16.19	83.60	17.89	87.50	19.25
	18	43.70	6.36	55.20	9.10	67.60	13.14	72.80	15.24	78.60	17.62	83.60	19.24	87.50	20.35
	20	43.70	6.99	55.20	10.03	67.60	14.47	72.80	16.69	78.60	18.70	83.60	20.16	87.50	21.27
	21	43.70	7.33	55.20	10.54	67.60	15.14	72.80	17.19	78.60	19.17	83.60	20.64	87.50	21.75
	23	43.70	8.07	55.20	11.61	67.60	16.11	72.80	18.27	78.60	20.16	83.60	21.66	87.50	22.79
	25	43.70	8.87	55.20	12.47	67.60	17.14	72.80	19.36	78.60	21.22	83.60	22.77	87.50	23.93
	27	43.70	9.58	55.20	13.29	67.60	18.26	72.80	20.43	78.60	22.37	83.60	23.98	87.50	25.20
	29	43.70	10.22	55.20	14.17	67.60	19.46	72.80	21.58	78.60	23.61	83.60	25.31	87.50	26.61
	31	43.70	10.90	55.20	15.11	67.60	20.78	72.80	22.82	78.60	24.97	83.60	26.81	87.50	28.23
	33	43.70	11.63	55.20	16.12	67.60	22.14	72.80	24.16	78.60	26.48	82.70	28.13	82.70	28.14
	35	43.70	12.40	55.20	17.20	67.60	23.46	72.80	25.63	77.30	27.60	77.30	27.61	77.30	27.61
	37	43.70	13.23	55.20	18.37	67.60	24.90	72.00	26.93	72.10	26.95	72.00	26.94	72.00	26.93
	39	43.70	14.11	55.20	19.63	66.90	26.16	66.80	26.14	66.80	26.12	66.80	26.14	66.80	26.14
	41	43.70	15.05	55.20	21.01	61.90	25.30	61.80	25.29	61.80	25.27	61.70	25.24	61.80	25.29
	43	43.70	16.07	55.20	22.53	57.00	23.72	56.90	23.72	56.90	23.69	56.90	23.72	56.80	23.67
	46	43.70	17.73	50.10	21.51	50.00	21.49	50.00	21.51	50.00	21.48	49.90	21.45	50.00	21.50
	48	43.70	18.96	45.70	20.15	45.60	20.13	45.60	20.12	45.70	20.17	45.60	20.16	45.60	20.14
	50	41.70	18.99	41.60	18.96	41.50	18.92	41.50	18.95	41.50	18.92	41.40	18.90	41.40	18.90
	52	36.80	16.55	37.30	15.72	37.60	14.89	37.60	14.71	37.60	14.52	37.60	14.35	37.60	14.24
120	10	40.40	4.04	51.00	5.40	62.40	7.59	67.20	8.78	72.60	10.34	77.20	11.86	80.80	13.14
	12	40.40	4.39	51.00	5.95	62.40	8.39	67.20	9.70	72.60	11.39	77.20	13.03	80.80	14.30
	14	40.40	4.79	51.00	6.56	62.40	9.27	67.20	10.70	72.60	12.53	77.20	14.30	80.80	15.56
	16	40.40	5.23	51.00	7.23	62.40	10.23	67.20	11.79	72.60	13.78	77.20	15.69	80.80	16.92
	18	40.40	5.73	51.00	7.98	62.40	11.29	67.20	12.99	72.60	15.16	77.20	17.11	80.80	18.39
	20	40.40	6.28	51.00	8.80	62.40	12.44	67.20	14.31	72.60	16.61	77.20	18.26	80.80	19.33
	21	40.40	6.57	51.00	9.24	62.40	13.06	67.20	14.99	72.60	17.11	77.20	18.73	80.80	19.81
	23	40.40	7.22	51.00	10.18	62.40	14.13	67.20	15.95	72.60	18.19	77.20	19.72	80.80	20.82
	25	40.40	7.93	51.00	11.09	62.40	15.05	67.20	16.98	72.60	19.30	77.20	20.77	80.80	21.90
	27	40.40	8.65	51.00	11.83	62.40	16.03	67.20	18.08	72.60	20.37	77.20	21.89	80.80	23.07
	29	40.40	9.22	51.00	12.61	62.40	17.09	67.20	19.27	72.60	21.51	77.20	23.11	80.80	24.35
	31	40.40	9.83	51.00	13.45	62.40	18.23	67.20	20.57	72.60	22.74	77.20	24.44	80.80	25.76
	33	40.40	10.48	51.00	14.34	62.40	19.46	67.20	21.98	72.60	24.08	77.20	25.90	80.80	27.35
	35	40.40	11.18	51.00	15.30	62.40	20.80	67.20	23.29	72.60	25.55	77.20	27.54	77.40	27.64
	37	40.40	11.93	51.00	16.33	62.40	22.27	67.20	24.72	72.10	26.95	72.10	26.95	72.00	26.93
	39	40.40	12.72	51.00	17.43	62.40	23.91	66.90	26.17	66.90	26.15	66.80	26.15	66.80	26.13
	41	40.40	13.57	51.00	18.62	61.90	25.30	61.80	25.28	61.80	25.26	61.70	25.25	61.70	25.25
	43	40.40	14.48	51.00	19.92	57.00	23.74	57.00	23.72	56.90	23.69	56.90	23.70	56.90	23.72
	46	40.40	15.97	50.10	21.54	50.00	21.47	50.00	21.47	50.00	21.49	50.00	21.48	50.00	21.47
	48	40.40	17.05	45.70	20.14	45.70	20.16	45.70	20.18	45.60	20.15	45.60	20.14	45.60	20.11
	50	40.40	18.22	41.60	18.94	41.50	18.95	41.50	18.95	41.50	18.95	41.50	18.95	41.50	18.90
	52	36.70	16.88	37.10	16.06	37.60	15.23	37.60	15.07	37.60	14.88	37.60	14.73	37.60	14.65
110	10	37.00	3.73	46.70	4.79	57.20	6.49	61.60	7.41	66.50	8.61	70.70	9.78	74.00	10.80
	12	37.00	4.02	46.70	5.25	57.20	7.17	61.60	8.19	66.50	9.51	70.70	10.79	74.00	11.89
	14	37.00	4.36	46.70	5.77	57.20	7.92	61.60	9.05	66.50	10.49	70.70	11.88	74.00	13.07

7. ARUM200LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	37.00	4.73	46.70	6.35	57.20	8.75	61.60	9.99	66.50	11.57	70.70	13.08	74.00	14.37
	18	37.00	5.16	46.70	6.99	57.20	9.66	61.60	11.02	66.50	12.75	70.70	14.39	74.00	15.79
	20	37.00	5.63	46.70	7.69	57.20	10.65	61.60	12.15	66.50	14.04	70.70	15.83	74.00	17.20
	21	37.00	5.89	46.70	8.07	57.20	11.18	61.60	12.76	66.50	14.73	70.70	16.37	74.00	17.73
	23	37.00	6.45	46.70	8.89	57.20	12.33	61.60	13.84	66.50	15.70	70.70	17.40	74.00	18.75
	25	37.00	7.07	46.70	9.79	57.20	13.14	61.60	14.75	66.50	16.71	70.70	18.52	74.00	19.77
	27	37.00	7.75	46.70	10.47	57.20	14.01	61.60	15.71	66.50	17.79	70.70	19.72	74.00	20.86
	29	37.00	8.29	46.70	11.17	57.20	14.93	61.60	16.74	66.50	18.97	70.70	20.87	74.00	22.02
	31	37.00	8.83	46.70	11.91	57.20	15.92	61.60	17.86	66.50	20.24	70.70	22.07	74.00	23.29
	33	37.00	9.42	46.70	12.70	57.20	16.98	61.60	19.06	66.50	21.64	70.70	23.37	74.00	24.66
	35	37.00	10.04	46.70	13.55	57.20	18.13	61.60	20.37	66.50	23.03	70.70	24.78	74.00	26.17
	37	37.00	10.71	46.70	14.45	57.20	19.37	61.60	21.80	66.50	24.43	70.70	26.33	72.00	26.92
	39	37.00	11.43	46.70	15.42	57.20	20.72	61.60	23.39	66.50	25.97	66.80	26.13	66.90	26.15
	41	37.00	12.19	46.70	16.46	57.20	22.21	61.60	25.15	61.90	25.30	61.80	25.29	61.80	25.29
	43	37.00	13.01	46.70	17.58	57.00	23.70	57.00	23.75	57.00	23.73	56.90	23.70	56.90	23.70
	46	37.00	14.34	46.70	19.43	50.00	21.50	50.00	21.49	50.00	21.51	50.00	21.51	49.90	21.45
	48	37.00	15.30	45.70	20.17	45.70	20.18	45.70	20.18	45.70	20.16	45.60	20.16	45.60	20.15
	50	37.00	16.33	41.60	18.98	41.50	18.93	41.50	18.95	41.50	18.92	41.50	18.91	41.50	18.93
	52	36.50	17.07	36.80	16.47	37.40	15.64	37.50	15.48	37.60	15.31	37.40	15.17	37.60	14.96
100	10	33.60	3.45	42.50	4.27	52.00	5.56	56.00	6.26	60.50	7.16	64.30	8.05	67.30	8.82
	12	33.60	3.70	42.50	4.66	52.00	6.13	56.00	6.91	60.50	7.92	64.30	8.90	67.30	9.74
	14	33.60	3.98	42.50	5.09	52.00	6.76	56.00	7.64	60.50	8.75	64.30	9.82	67.30	10.74
	16	33.60	4.30	42.50	5.57	52.00	7.46	56.00	8.43	60.50	9.67	64.30	10.84	67.30	11.84
	18	33.60	4.65	42.50	6.11	52.00	8.23	56.00	9.31	60.50	10.67	64.30	11.95	67.30	13.05
	20	33.60	5.06	42.50	6.72	52.00	9.08	56.00	10.27	60.50	11.76	64.30	13.17	67.30	14.36
	21	33.60	5.27	42.50	7.04	52.00	9.53	56.00	10.78	60.50	12.35	64.30	13.82	67.30	15.05
	23	33.60	5.75	42.50	7.74	52.00	10.51	56.00	11.89	60.50	13.46	64.30	14.85	67.30	16.00
	25	33.60	6.29	42.50	8.51	52.00	11.41	56.00	12.73	60.50	14.33	64.30	15.81	67.30	17.03
	27	33.60	6.88	42.50	9.23	52.00	12.16	56.00	13.57	60.50	15.27	64.30	16.84	67.30	18.14
	29	33.60	7.42	42.50	9.84	52.00	12.97	56.00	14.46	60.50	16.28	64.30	17.95	67.30	19.34
	31	33.60	7.90	42.50	10.49	52.00	13.83	56.00	15.42	60.50	17.36	64.30	19.15	67.30	20.64
	33	33.60	8.42	42.50	11.19	52.00	14.75	56.00	16.45	60.50	18.52	64.30	20.45	67.30	22.04
	35	33.60	8.98	42.50	11.94	52.00	15.73	56.00	17.56	60.50	19.79	64.30	21.88	67.30	23.35
	37	33.60	9.57	42.50	12.73	52.00	16.79	56.00	18.75	60.50	21.17	64.30	23.46	67.30	24.78
	39	33.60	10.21	42.50	13.58	52.00	17.93	56.00	20.05	60.50	22.69	64.30	24.92	66.90	26.17
	41	33.60	10.90	42.50	14.49	52.00	19.16	56.00	21.47	60.50	24.38	61.80	25.28	61.90	25.30
	43	33.60	11.63	42.50	15.46	52.00	20.51	56.00	23.04	56.90	23.70	57.00	23.75	57.00	23.75
	46	33.60	12.82	42.50	17.06	50.00	21.49	50.10	21.50	50.10	21.51	50.10	21.52	50.00	21.47
	48	33.60	13.68	42.50	18.22	45.80	20.20	45.70	20.19	45.70	20.17	45.70	20.17	45.70	20.18
	50	33.60	14.60	41.60	18.94	41.60	18.94	41.60	18.94	41.50	18.92	41.50	18.92	41.50	18.92
	52	33.60	15.58	36.70	16.69	37.00	16.11	37.20	15.86	37.40	15.60	37.60	15.35	37.60	15.15
90	10	30.30	3.22	38.20	3.84	46.80	4.79	50.40	5.31	54.40	5.98	57.90	6.62	60.60	7.19
	12	30.30	3.42	38.20	4.15	46.80	5.26	50.40	5.85	54.40	6.60	57.90	7.32	60.60	7.95
	14	30.30	3.65	38.20	4.51	46.80	5.78	50.40	6.44	54.40	7.29	57.90	8.09	60.60	8.78
	16	30.30	3.91	38.20	4.91	46.80	6.36	50.40	7.10	54.40	8.04	57.90	8.94	60.60	9.70
	18	30.30	4.21	38.20	5.36	46.80	7.00	50.40	7.83	54.40	8.88	57.90	9.86	60.60	10.70
	20	30.30	4.54	38.20	5.86	46.80	7.71	50.40	8.63	54.40	9.79	57.90	10.88	60.60	11.80
	21	30.30	4.73	38.20	6.13	46.80	8.09	50.40	9.07	54.40	10.28	57.90	11.43	60.60	12.39
	23	30.30	5.13	38.20	6.72	46.80	8.91	50.40	9.99	54.40	11.34	57.90	12.57	60.60	13.49
	25	30.30	5.58	38.20	7.37	46.80	9.81	50.40	10.91	54.40	12.20	57.90	13.39	60.60	14.37
	27	30.30	6.09	38.20	8.09	46.80	10.49	50.40	11.63	54.40	13.01	57.90	14.27	60.60	15.31

7. ARUM200LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	30.30	6.62	38.20	8.62	46.80	11.19	50.40	12.40	54.40	13.87	57.90	15.21	60.60	16.32
	31	30.30	7.04	38.20	9.19	46.80	11.93	50.40	13.23	54.40	14.79	57.90	16.22	60.60	17.41
	33	30.30	7.49	38.20	9.80	46.80	12.72	50.40	14.11	54.40	15.78	57.90	17.30	60.60	18.58
	35	30.30	7.98	38.20	10.45	46.80	13.57	50.40	15.05	54.40	16.83	57.90	18.47	60.60	19.84
	37	30.30	8.51	38.20	11.14	46.80	14.48	50.40	16.05	54.40	17.97	57.90	19.74	60.60	21.23
	39	30.30	9.08	38.20	11.89	46.80	15.45	50.40	17.14	54.40	19.20	57.90	21.13	60.60	22.76
	41	30.30	9.69	38.20	12.68	46.80	16.49	50.40	18.31	54.40	20.55	57.90	22.65	60.60	24.46
	43	30.30	10.34	38.20	13.53	46.80	17.61	50.40	19.57	54.40	22.02	57.00	23.73	57.00	23.73
	46	30.30	11.40	38.20	14.91	46.80	19.46	50.10	21.53	50.10	21.51	50.00	21.50	50.10	21.52
	48	30.30	12.17	38.20	15.92	45.80	20.20	45.70	20.18	45.70	20.17	45.70	20.16	45.70	20.17
	50	30.30	12.99	38.20	17.00	41.60	18.98	41.60	18.98	41.60	18.96	41.60	18.96	41.60	18.95
	52	30.30	13.87	36.50	16.97	36.90	16.35	37.10	16.10	37.30	15.83	37.40	15.58	37.60	15.39
80	10	26.90	2.95	34.00	3.48	41.60	4.17	44.80	4.54	48.40	5.01	51.40	5.47	53.90	5.87
	12	26.90	3.19	34.00	3.73	41.60	4.54	44.80	4.97	48.40	5.51	51.40	6.03	53.90	6.48
	14	26.90	3.37	34.00	4.01	41.60	4.96	44.80	5.45	48.40	6.06	51.40	6.65	53.90	7.16
	16	26.90	3.58	34.00	4.34	41.60	5.43	44.80	5.98	48.40	6.68	51.40	7.34	53.90	7.90
	18	26.90	3.82	34.00	4.70	41.60	5.95	44.80	6.57	48.40	7.36	51.40	8.10	53.90	8.72
	20	26.90	4.09	34.00	5.11	41.60	6.52	44.80	7.23	48.40	8.11	51.40	8.93	53.90	9.62
	21	26.90	4.24	34.00	5.33	41.60	6.84	44.80	7.58	48.40	8.51	51.40	9.37	53.90	10.10
	23	26.90	4.58	34.00	5.82	41.60	7.51	44.80	8.35	48.40	9.38	51.40	10.33	53.90	11.13
	25	26.90	4.95	34.00	6.36	41.60	8.26	44.80	9.19	48.40	10.30	51.40	11.24	53.90	12.01
	27	26.90	5.38	34.00	6.96	41.60	8.98	44.80	9.89	48.40	10.99	51.40	11.99	53.90	12.81
	29	26.90	5.86	34.00	7.50	41.60	9.57	44.80	10.55	48.40	11.72	51.40	12.78	53.90	13.66
	31	26.90	6.24	34.00	7.99	41.60	10.21	44.80	11.25	48.40	12.50	51.40	13.63	53.90	14.56
	33	26.90	6.63	34.00	8.52	41.60	10.89	44.80	12.00	48.40	13.33	51.40	14.54	53.90	15.53
	35	26.90	7.06	34.00	9.08	41.60	11.61	44.80	12.79	48.40	14.22	51.40	15.50	53.90	16.57
	37	26.90	7.52	34.00	9.68	41.60	12.39	44.80	13.65	48.40	15.16	51.40	16.54	53.90	17.69
	39	26.90	8.02	34.00	10.33	41.60	13.21	44.80	14.56	48.40	16.18	51.40	17.67	53.90	18.90
	41	26.90	8.56	34.00	11.02	41.60	14.10	44.80	15.54	48.40	17.28	51.40	18.88	53.90	20.21
	43	26.90	9.14	34.00	11.76	41.60	15.04	44.80	16.58	48.40	18.46	51.40	20.19	53.90	21.65
	46	26.90	10.08	34.00	12.97	41.60	16.59	44.80	18.31	48.40	20.43	50.00	21.48	50.00	21.49
	48	26.90	10.77	34.00	13.84	41.60	17.72	44.80	19.58	45.70	20.17	45.70	20.15	45.70	20.15
	50	26.90	11.50	34.00	14.77	41.60	18.94	41.60	18.97	41.60	18.96	41.60	18.94	41.50	18.94
	52	26.90	12.28	34.00	15.76	36.70	16.68	36.90	16.42	37.10	16.14	37.20	15.88	37.40	15.69
70	10	23.60	2.44	29.70	3.19	36.40	3.67	39.20	3.93	42.30	4.25	45.00	4.57	47.10	4.84
	12	23.60	2.98	29.70	3.38	36.40	3.96	39.20	4.26	42.30	4.64	45.00	5.00	47.10	5.31
	14	23.60	3.12	29.70	3.60	36.40	4.28	39.20	4.63	42.30	5.07	45.00	5.48	47.10	5.84
	16	23.60	3.29	29.70	3.85	36.40	4.65	39.20	5.05	42.30	5.55	45.00	6.02	47.10	6.42
	18	23.60	3.48	29.70	4.14	36.40	5.06	39.20	5.52	42.30	6.09	45.00	6.62	47.10	7.07
	20	23.60	3.70	29.70	4.47	36.40	5.52	39.20	6.04	42.30	6.68	45.00	7.28	47.10	7.79
	21	23.60	3.82	29.70	4.65	36.40	5.77	39.20	6.32	42.30	7.01	45.00	7.64	47.10	8.17
	23	23.60	4.09	29.70	5.04	36.40	6.31	39.20	6.94	42.30	7.70	45.00	8.41	47.10	9.00
	25	23.60	4.39	29.70	5.48	36.40	6.92	39.20	7.61	42.30	8.47	45.00	9.26	47.10	9.91
	27	23.60	4.74	29.70	5.97	36.40	7.58	39.20	8.33	42.30	9.19	45.00	9.96	47.10	10.59
	29	23.60	5.14	29.70	6.50	36.40	8.12	39.20	8.88	42.30	9.79	45.00	10.62	47.10	11.30
	31	23.60	5.51	29.70	6.90	36.40	8.65	39.20	9.47	42.30	10.45	45.00	11.33	47.10	12.05
	33	23.60	5.84	29.70	7.35	36.40	9.22	39.20	10.10	42.30	11.14	45.00	12.08	47.10	12.85
	35	23.60	6.21	29.70	7.83	36.40	9.84	39.20	10.77	42.30	11.88	45.00	12.88	47.10	13.71
	37	23.60	6.61	29.70	8.34	36.40	10.49	39.20	11.49	42.30	12.68	45.00	13.74	47.10	14.62
	39	23.60	7.04	29.70	8.90	36.40	11.20	39.20	12.26	42.30	13.52	45.00	14.66	47.10	15.60
	41	23.60	7.51	29.70	9.50	36.40	11.94	39.20	13.08	42.30	14.43	45.00	15.65	47.10	16.65

7. ARUM200LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	23.60	8.02	29.70	10.14	36.40	12.74	39.20	13.95	42.30	15.39	45.00	16.70	47.10	17.78
	46	23.60	8.85	29.70	11.18	36.40	14.05	39.20	15.38	42.30	16.98	45.00	18.44	47.10	19.66
	48	23.60	9.46	29.70	11.94	36.40	14.99	39.20	16.42	42.30	18.14	45.00	19.73	45.80	20.19
	50	23.60	10.11	29.70	12.74	36.40	16.00	39.20	17.53	41.60	18.97	41.60	18.93	41.60	18.96
	52	23.60	10.80	29.70	13.60	36.40	17.08	36.60	16.84	36.80	16.55	37.00	16.29	37.10	16.09
60	10	20.20	1.92	25.50	2.72	31.20	3.28	33.60	3.45	36.30	3.66	38.60	3.87	40.40	4.05
	12	20.20	2.69	25.50	3.10	31.20	3.49	33.60	3.69	36.30	3.95	38.60	4.19	40.40	4.40
	14	20.20	2.81	25.50	3.26	31.20	3.73	33.60	3.97	36.30	4.27	38.60	4.55	40.40	4.79
	16	20.20	2.95	25.50	3.45	31.20	4.01	33.60	4.29	36.30	4.63	38.60	4.96	40.40	5.23
	18	20.20	3.11	25.50	3.67	31.20	4.32	33.60	4.64	36.30	5.04	38.60	5.42	40.40	5.73
	20	20.20	3.29	25.50	3.92	31.20	4.68	33.60	5.05	36.30	5.50	38.60	5.92	40.40	6.28
	21	20.20	3.39	25.50	4.06	31.20	4.87	33.60	5.26	36.30	5.75	38.60	6.20	40.40	6.58
	23	20.20	3.61	25.50	4.36	31.20	5.29	33.60	5.74	36.30	6.29	38.60	6.80	40.40	7.22
	25	20.20	3.86	25.50	4.71	31.20	5.77	33.60	6.27	36.30	6.89	38.60	7.46	40.40	7.93
	27	20.20	4.15	25.50	5.10	31.20	6.30	33.60	6.87	36.30	7.56	38.60	8.18	40.40	8.65
	29	20.20	4.48	25.50	5.54	31.20	6.83	33.60	7.41	36.30	8.10	38.60	8.72	40.40	9.22
	31	20.20	4.83	25.50	5.92	31.20	7.26	33.60	7.89	36.30	8.63	38.60	9.29	40.40	9.83
	33	20.20	5.11	25.50	6.29	31.20	7.73	33.60	8.40	36.30	9.20	38.60	9.91	40.40	10.49
	35	20.20	5.42	25.50	6.69	31.20	8.24	33.60	8.96	36.30	9.81	38.60	10.57	40.40	11.19
	37	20.20	5.76	25.50	7.12	31.20	8.79	33.60	9.55	36.30	10.46	38.60	11.27	40.40	11.93
	39	20.20	6.13	25.50	7.60	31.20	9.38	33.60	10.19	36.30	11.16	38.60	12.03	40.40	12.73
	41	20.20	6.54	25.50	8.10	31.20	10.01	33.60	10.88	36.30	11.91	38.60	12.83	40.40	13.58
	43	20.20	6.98	25.50	8.65	31.20	10.68	33.60	11.61	36.30	12.70	38.60	13.69	40.40	14.49
	46	20.20	7.71	25.50	9.55	31.20	11.78	33.60	12.79	36.30	14.00	38.60	15.09	40.40	15.98
	48	20.20	8.24	25.50	10.20	31.20	12.57	33.60	13.65	36.30	14.94	38.60	16.10	40.40	17.06
	50	20.20	8.81	25.50	10.90	31.20	13.41	33.60	14.57	36.30	15.95	38.60	17.20	40.40	18.23
	52	20.20	9.43	25.50	11.64	31.20	14.31	33.60	15.55	36.30	17.03	36.60	16.86	36.70	16.66
50	10	16.80	1.48	21.20	2.07	26.00	2.80	28.00	3.09	30.20	3.22	32.20	3.35	33.70	3.45
	12	16.80	2.34	21.20	2.78	26.00	3.13	28.00	3.26	30.20	3.42	32.20	3.57	33.70	3.70
	14	16.80	2.51	21.20	2.91	26.00	3.30	28.00	3.45	30.20	3.65	32.20	3.83	33.70	3.98
	16	16.80	2.62	21.20	3.06	26.00	3.49	28.00	3.68	30.20	3.91	32.20	4.12	33.70	4.30
	18	16.80	2.74	21.20	3.22	26.00	3.72	28.00	3.94	30.20	4.20	32.20	4.45	33.70	4.65
	20	16.80	2.88	21.20	3.42	26.00	3.98	28.00	4.23	30.20	4.54	32.20	4.82	33.70	5.06
	21	16.80	2.96	21.20	3.52	26.00	4.12	28.00	4.39	30.20	4.72	32.20	5.02	33.70	5.28
	23	16.80	3.14	21.20	3.76	26.00	4.44	28.00	4.75	30.20	5.12	32.20	5.47	33.70	5.76
	25	16.80	3.34	21.20	4.03	26.00	4.79	28.00	5.15	30.20	5.58	32.20	5.97	33.70	6.29
	27	16.80	3.57	21.20	4.34	26.00	5.20	28.00	5.60	30.20	6.08	32.20	6.52	33.70	6.88
	29	16.80	3.83	21.20	4.69	26.00	5.65	28.00	6.10	30.20	6.61	32.20	7.06	33.70	7.42
	31	16.80	4.12	21.20	5.05	26.00	6.03	28.00	6.49	30.20	7.03	32.20	7.51	33.70	7.90
	33	16.80	4.37	21.20	5.34	26.00	6.41	28.00	6.90	30.20	7.48	32.20	8.00	33.70	8.42
	35	16.80	4.62	21.20	5.66	26.00	6.82	28.00	7.35	30.20	7.97	32.20	8.53	33.70	8.98
	37	16.80	4.89	21.20	6.02	26.00	7.26	28.00	7.83	30.20	8.50	32.20	9.09	33.70	9.58
	39	16.80	5.20	21.20	6.41	26.00	7.74	28.00	8.35	30.20	9.07	32.20	9.70	33.70	10.22
	41	16.80	5.54	21.20	6.83	26.00	8.26	28.00	8.91	30.20	9.67	32.20	10.35	33.70	10.90
	43	16.80	5.91	21.20	7.29	26.00	8.82	28.00	9.51	30.20	10.33	32.20	11.05	33.70	11.63
	46	16.80	6.54	21.20	8.06	26.00	9.74	28.00	10.50	30.20	11.39	32.20	12.18	33.70	12.82
	48	16.80	7.02	21.20	8.61	26.00	10.40	28.00	11.21	30.20	12.15	32.20	13.00	33.70	13.68
	50	16.80	7.55	21.20	9.21	26.00	11.11	28.00	11.96	30.20	12.97	32.20	13.87	33.70	14.60
	52	16.80	8.13	21.20	9.85	26.00	11.86	28.00	12.77	30.20	13.85	32.20	14.80	33.70	15.59

7. ARUM200LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

7. ARUM200LTE6

7.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	11.90	0.80	19.10	1.28	27.10	1.83	29.00	1.97	30.90	2.11	32.90	2.26	35.00	2.45
	12	11.90	0.80	19.10	1.28	27.10	1.85	29.00	1.99	30.90	2.13	32.90	2.28	35.00	2.49
	14	11.90	0.80	19.10	1.29	27.10	1.88	29.00	2.02	30.90	2.17	32.90	2.33	35.00	2.55
	16	11.90	0.80	19.10	1.31	27.10	1.93	29.00	2.08	30.90	2.24	32.90	2.42	35.00	2.68
	18	11.90	0.81	19.10	1.35	27.10	2.03	29.00	2.21	30.90	2.40	32.90	2.62	35.00	2.95
	20	11.90	0.84	19.10	1.44	27.10	2.30	29.00	2.54	30.90	2.80	32.90	3.10	35.00	3.61
	21	13.50	1.06	20.60	1.84	28.50	3.11	30.40	3.28	32.30	3.47	34.20	3.67	36.10	3.98
	23	16.60	2.40	23.70	3.00	31.50	3.84	33.30	4.06	35.10	4.30	36.70	4.52	38.50	4.88
	25	19.90	2.98	26.80	3.73	34.60	4.82	36.20	5.09	38.00	5.38	39.30	5.62	40.90	6.04
	27	23.20	3.78	30.00	4.71	37.70	6.11	39.30	6.44	40.90	6.76	42.00	6.98	45.70	7.95
	29	26.60	4.86	33.20	5.95	40.90	7.53	42.40	7.87	44.00	8.24	46.60	8.89	54.00	11.19
	31	30.10	6.10	36.60	7.37	44.20	9.26	45.60	9.64	49.50	10.77	55.20	12.54	62.40	15.52
	33	33.70	7.65	40.00	9.13	47.50	11.39	52.30	12.99	58.20	15.18	63.70	17.42	70.70	21.35
	35	37.40	9.61	43.60	11.33	55.80	15.91	61.00	18.26	66.90	21.18	72.20	23.86	79.10	27.29
	37	37.40	10.26	43.60	12.10	55.80	16.99	61.00	19.51	66.90	22.70	72.20	25.34	73.70	26.56
	39	37.40	10.95	43.60	12.91	55.80	18.15	61.00	20.88	66.90	24.38	69.10	25.52	68.30	25.72
	41	37.40	11.69	43.60	13.78	55.80	19.41	61.00	22.39	63.90	24.18	63.90	24.19	63.10	24.51
	43	37.40	12.48	43.60	14.71	55.80	20.78	58.90	22.66	58.80	22.64	58.80	22.64	58.20	22.99
	46	37.40	13.76	43.60	16.22	51.80	20.61	51.80	20.61	51.70	20.58	51.80	20.61	51.10	20.84
	48	37.40	14.69	43.60	17.33	47.30	19.35	47.40	19.41	47.30	19.36	47.20	19.33	46.70	19.58
	50	37.40	15.68	43.10	18.22	43.00	18.20	43.00	18.23	43.00	18.21	42.90	18.18	42.40	18.42
	52	36.80	16.33	37.30	15.32	37.90	14.54	38.00	14.39	38.20	14.22	38.30	14.07	38.40	14.15
120	10	11.00	0.74	17.60	1.18	25.00	1.69	26.70	1.81	28.50	1.94	30.40	2.07	32.30	2.23
	12	11.00	0.74	17.60	1.18	25.00	1.70	26.70	1.83	28.50	1.95	30.40	2.09	32.30	2.26
	14	11.00	0.74	17.60	1.19	25.00	1.72	26.70	1.85	28.50	1.99	30.40	2.13	32.30	2.31
	16	11.00	0.74	17.60	1.20	25.00	1.76	26.70	1.90	28.50	2.04	30.40	2.20	32.30	2.41
	18	11.00	0.75	17.60	1.23	25.00	1.84	26.70	2.00	28.50	2.17	30.40	2.35	32.30	2.63
	20	11.00	0.77	17.60	1.30	25.00	2.05	26.70	2.26	28.50	2.48	30.40	2.73	32.30	3.20
	21	12.40	0.95	19.00	1.63	26.30	2.75	28.10	3.07	29.80	3.23	31.50	3.39	33.40	3.66
	23	15.40	2.29	21.80	2.82	29.10	3.56	30.70	3.74	32.40	3.95	33.90	4.14	35.50	4.45
	25	18.40	2.82	24.70	3.48	31.90	4.42	33.50	4.65	35.10	4.90	36.30	5.10	37.70	5.47
	27	21.40	3.53	27.70	4.35	34.80	5.55	36.30	5.83	37.80	6.13	38.80	6.34	42.20	7.19
	29	24.60	4.50	30.70	5.48	37.70	6.85	39.10	7.14	40.60	7.46	43.10	8.03	49.90	10.00
	31	27.80	5.64	33.80	6.74	40.80	8.37	42.10	8.70	45.70	9.67	50.90	11.19	57.60	13.74
	33	31.10	7.01	37.00	8.30	43.90	10.25	48.30	11.63	53.80	13.50	58.80	15.40	65.30	18.69
	35	34.50	8.75	40.20	10.24	51.50	14.18	56.30	16.16	61.80	18.60	66.60	21.02	73.00	24.69
	37	34.50	9.34	40.20	10.93	51.50	15.14	56.30	17.26	61.80	19.89	66.60	22.51	73.00	26.24
	39	34.50	9.97	40.20	11.67	51.50	16.16	56.30	18.44	61.80	21.29	66.60	24.18	68.30	25.72
	41	34.50	10.64	40.20	12.46	51.50	17.26	56.30	19.72	61.80	22.83	63.90	24.17	63.10	24.51
	43	34.50	11.36	40.20	13.30	51.50	18.44	56.30	21.12	58.90	22.65	58.90	22.65	58.20	22.95
	46	34.50	12.54	40.20	14.66	51.50	20.41	51.80	20.60	51.70	20.58	51.70	20.58	51.10	20.86
	48	34.50	13.38	40.20	15.65	47.30	19.38	47.30	19.38	47.30	19.36	47.20	19.32	46.70	19.60
	50	34.50	14.28	40.20	16.71	43.00	18.20	43.00	18.20	43.10	18.24	43.00	18.19	42.50	18.42
	52	34.50	15.25	37.10	15.64	37.70	14.86	37.80	14.70	37.90	14.54	38.00	14.42	38.10	14.53
110	10	10.10	0.67	16.20	1.08	22.90	1.54	24.50	1.65	26.10	1.77	27.80	1.89	29.60	2.03
	12	10.10	0.67	16.20	1.08	22.90	1.55	24.50	1.67	26.10	1.78	27.80	1.90	29.60	2.06
	14	10.10	0.67	16.20	1.09	22.90	1.57	24.50	1.68	26.10	1.81	27.80	1.93	29.60	2.09
	16	10.10	0.68	16.20	1.10	22.90	1.60	24.50	1.72	26.10	1.85	27.80	1.99	29.60	2.17
	18	10.10	0.68	16.20	1.12	22.90	1.66	24.50	1.80	26.10	1.95	27.80	2.10	29.60	2.34

7. ARUM200LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	10.10	0.69	16.20	1.17	22.90	1.82	24.50	2.00	26.10	2.19	27.80	2.40	29.60	2.77
	21	11.40	0.85	17.40	1.44	24.10	2.37	25.70	2.64	27.30	2.94	28.90	3.14	30.60	3.37
	23	14.10	2.19	20.00	2.66	26.70	3.30	28.20	3.46	29.70	3.63	31.10	3.78	32.60	4.06
	25	16.80	2.66	22.70	3.24	29.20	4.05	30.70	4.24	32.10	4.45	33.30	4.62	34.60	4.94
	27	19.60	3.29	25.40	4.01	31.90	5.03	33.20	5.27	34.60	5.52	35.60	5.70	38.70	6.47
	29	22.50	4.15	28.10	5.02	34.60	6.22	35.90	6.47	37.20	6.74	39.50	7.22	45.70	8.90
	31	25.50	5.20	31.00	6.14	37.40	7.55	38.60	7.83	41.90	8.66	46.70	9.95	52.80	12.10
	33	28.50	6.41	33.90	7.51	40.20	9.19	44.30	10.36	49.30	11.95	53.90	13.55	59.80	16.29
	35	31.60	7.94	36.90	9.22	47.20	12.58	51.60	14.25	56.60	16.28	61.10	18.26	66.90	21.85
	37	31.60	8.47	36.90	9.84	47.20	13.43	51.60	15.21	56.60	17.39	61.10	19.52	66.90	23.44
	39	31.60	9.04	36.90	10.51	47.20	14.33	51.60	16.24	56.60	18.58	61.10	20.89	66.90	25.04
	41	31.60	9.66	36.90	11.22	47.20	15.30	51.60	17.34	56.60	19.87	61.10	22.40	63.20	24.52
	43	31.60	10.31	36.90	11.98	47.20	16.33	51.60	18.54	56.60	21.28	58.90	22.65	58.20	22.96
	46	31.60	11.38	36.90	13.21	47.20	18.03	51.60	20.52	51.80	20.62	51.80	20.60	51.10	20.86
	48	31.60	12.15	36.90	14.10	47.20	19.28	47.30	19.33	47.30	19.37	47.30	19.34	46.70	19.57
	50	31.60	12.97	36.90	15.04	43.10	18.23	43.10	18.23	43.00	18.21	43.00	18.19	42.50	18.42
	52	31.60	13.85	36.90	16.04	37.40	15.24	37.50	15.09	37.60	14.92	37.40	14.78	37.90	14.78
100	10	9.20	0.61	14.70	0.98	20.80	1.40	22.30	1.50	23.80	1.60	25.30	1.71	26.90	1.84
	12	9.20	0.61	14.70	0.98	20.80	1.40	22.30	1.51	23.80	1.61	25.30	1.72	26.90	1.86
	14	9.20	0.61	14.70	0.98	20.80	1.42	22.30	1.52	23.80	1.63	25.30	1.74	26.90	1.88
	16	9.20	0.61	14.70	0.99	20.80	1.44	22.30	1.55	23.80	1.66	25.30	1.78	26.90	1.94
	18	9.20	0.62	14.70	1.01	20.80	1.48	22.30	1.61	23.80	1.73	25.30	1.87	26.90	2.06
	20	9.20	0.63	14.70	1.05	20.80	1.61	22.30	1.76	23.80	1.91	25.30	2.09	26.90	2.39
	21	10.40	0.76	15.90	1.26	22.00	2.03	23.40	2.25	24.80	2.49	26.30	2.74	27.80	3.11
	23	12.80	2.08	18.20	2.49	24.20	3.05	25.60	3.19	27.00	3.33	28.20	3.47	29.60	3.69
	25	15.30	2.50	20.60	3.01	26.60	3.70	27.90	3.87	29.20	4.04	30.30	4.18	31.40	4.45
	27	17.80	3.06	23.10	3.68	29.00	4.55	30.20	4.75	31.50	4.97	32.30	5.11	35.10	5.75
	29	20.50	3.82	25.60	4.57	31.40	5.62	32.60	5.83	33.80	6.07	35.90	6.47	41.60	7.88
	31	23.20	4.77	28.20	5.58	34.00	6.78	35.00	7.01	38.10	7.72	42.40	8.80	48.00	10.61
	33	25.90	5.84	30.80	6.78	36.60	8.20	40.20	9.19	44.80	10.52	49.00	11.86	54.40	14.14
	35	28.80	7.17	33.50	8.26	42.90	11.10	46.90	12.50	51.50	14.18	55.50	15.81	60.80	18.71
	37	28.80	7.65	33.50	8.82	42.90	11.85	46.90	13.34	51.50	15.14	55.50	16.88	60.80	20.01
	39	28.80	8.17	33.50	9.41	42.90	12.65	46.90	14.24	51.50	16.16	55.50	18.03	60.80	21.42
	41	28.80	8.72	33.50	10.05	42.90	13.50	46.90	15.20	51.50	17.26	55.50	19.28	60.80	22.98
	43	28.80	9.32	33.50	10.74	42.90	14.41	46.90	16.23	51.50	18.45	55.50	20.63	58.30	23.01
	46	28.80	10.29	33.50	11.85	42.90	15.89	46.90	17.91	51.50	20.42	51.80	20.62	51.10	20.83
	48	28.80	10.99	33.50	12.65	42.90	16.97	46.90	19.15	47.30	19.36	47.20	19.33	46.70	19.57
	50	28.80	11.74	33.50	13.50	42.90	18.12	43.10	18.22	43.00	18.21	43.10	18.24	42.40	18.39
	52	28.80	12.54	33.50	14.41	37.00	15.69	37.30	15.45	37.40	15.19	37.60	14.96	37.70	14.96
90	10	8.30	0.55	13.20	0.88	18.70	1.25	20.10	1.35	21.40	1.44	22.80	1.53	24.20	1.65
	12	8.30	0.55	13.20	0.88	18.70	1.26	20.10	1.35	21.40	1.44	22.80	1.54	24.20	1.66
	14	8.30	0.55	13.20	0.88	18.70	1.27	20.10	1.36	21.40	1.46	22.80	1.56	24.20	1.68
	16	8.30	0.55	13.20	0.89	18.70	1.28	20.10	1.38	21.40	1.48	22.80	1.59	24.20	1.72
	18	8.30	0.55	13.20	0.90	18.70	1.32	20.10	1.42	21.40	1.53	22.80	1.65	24.20	1.81
	20	8.30	0.56	13.20	0.93	18.70	1.40	20.10	1.53	21.40	1.66	22.80	1.81	24.20	2.05
	21	9.30	0.66	14.30	1.09	19.80	1.72	21.00	1.90	22.30	2.09	23.60	2.29	25.00	2.76
	23	11.50	1.98	16.40	2.34	21.80	2.82	23.00	2.94	24.30	3.06	25.40	3.17	26.60	3.37
	25	13.80	2.35	18.50	2.79	23.90	3.38	25.10	3.52	26.30	3.67	27.20	3.79	28.30	4.01
	27	16.10	2.84	20.70	3.37	26.10	4.11	27.20	4.28	28.30	4.45	29.10	4.57	31.60	5.11
	29	18.40	3.50	23.00	4.14	28.30	5.06	29.30	5.25	30.40	5.44	32.30	5.78	37.40	6.95
	31	20.80	4.35	25.30	5.06	30.60	6.06	31.50	6.26	34.30	6.84	38.20	7.74	43.20	9.24

7. ARUM200LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	23.30	5.31	27.70	6.09	32.90	7.28	36.20	8.11	40.30	9.21	44.10	10.31	49.00	12.18
	35	25.90	6.46	30.20	7.37	38.60	9.73	42.30	10.89	46.30	12.28	50.00	13.60	54.70	15.95
	37	25.90	6.88	30.20	7.86	38.60	10.39	42.30	11.63	46.30	13.10	50.00	14.52	54.70	17.03
	39	25.90	7.34	30.20	8.39	38.60	11.09	42.30	12.41	46.30	13.99	50.00	15.50	54.70	18.19
	41	25.90	7.84	30.20	8.96	38.60	11.84	42.30	13.25	46.30	14.93	50.00	16.55	54.70	19.45
	43	25.90	8.38	30.20	9.58	38.60	12.64	42.30	14.14	46.30	15.94	50.00	17.68	54.70	20.82
	46	25.90	9.26	30.20	10.57	38.60	13.94	42.30	15.59	46.30	17.59	50.00	19.54	51.20	20.87
	48	25.90	9.90	30.20	11.29	38.60	14.88	42.30	16.65	46.30	18.80	47.30	19.36	46.80	19.62
	50	25.90	10.58	30.20	12.06	38.60	15.88	42.30	17.78	43.00	18.20	43.00	18.22	42.50	18.44
	52	25.90	11.30	30.20	12.88	36.90	15.93	37.10	15.68	37.30	15.42	37.40	15.18	37.60	15.19
80	10	7.30	0.49	11.80	0.78	16.70	1.11	17.80	1.19	19.00	1.27	20.20	1.36	21.50	1.46
	12	7.30	0.49	11.80	0.78	16.70	1.11	17.80	1.20	19.00	1.28	20.20	1.36	21.50	1.47
	14	7.30	0.49	11.80	0.78	16.70	1.12	17.80	1.20	19.00	1.29	20.20	1.37	21.50	1.48
	16	7.30	0.49	11.80	0.78	16.70	1.13	17.80	1.22	19.00	1.30	20.20	1.39	21.50	1.51
	18	7.30	0.49	11.80	0.79	16.70	1.15	17.80	1.24	19.00	1.34	20.20	1.44	21.50	1.57
	20	7.30	0.49	11.80	0.81	16.70	1.21	17.80	1.32	19.00	1.43	20.20	1.55	21.50	1.74
	21	8.30	0.58	12.70	0.94	17.60	1.45	18.70	1.59	19.90	1.74	21.00	1.89	22.20	2.25
	23	10.20	1.88	14.60	2.19	19.40	2.60	20.50	2.70	21.60	2.80	22.60	2.89	23.70	3.06
	25	12.20	2.20	16.50	2.58	21.30	3.08	22.30	3.20	23.40	3.32	24.20	3.42	25.20	3.60
	27	14.30	2.63	18.40	3.08	23.20	3.70	24.20	3.84	25.20	3.98	25.90	4.08	28.10	4.52
	29	16.40	3.20	20.50	3.74	25.20	4.50	26.10	4.66	27.10	4.83	28.70	5.13	33.30	6.10
	31	18.50	3.94	22.50	4.55	27.20	5.40	28.00	5.56	30.50	6.04	34.00	6.77	38.40	7.99
	33	20.70	4.78	24.60	5.45	29.30	6.43	32.20	7.11	35.80	8.01	39.20	8.90	43.50	10.41
	35	23.00	5.79	26.80	6.54	34.30	8.48	37.60	9.42	41.20	10.54	44.40	11.61	48.60	13.49
	37	23.00	6.16	26.80	6.97	34.30	9.05	37.60	10.06	41.20	11.25	44.40	12.39	48.60	14.39
	39	23.00	6.57	26.80	7.44	34.30	9.66	37.60	10.74	41.20	12.01	44.40	13.23	48.60	15.37
	41	23.00	7.02	26.80	7.95	34.30	10.32	37.60	11.46	41.20	12.82	44.40	14.12	48.60	16.41
	43	23.00	7.50	26.80	8.49	34.30	11.02	37.60	12.24	41.20	13.69	44.40	15.07	48.60	17.52
	46	23.00	8.29	26.80	9.38	34.30	12.16	37.60	13.49	41.20	15.09	44.40	16.62	48.60	19.38
	48	23.00	8.86	26.80	10.03	34.30	12.98	37.60	14.40	41.20	16.11	44.40	17.76	46.80	19.61
	50	23.00	9.48	26.80	10.72	34.30	13.85	37.60	15.37	41.20	17.20	43.00	18.21	42.50	18.41
	52	23.00	10.14	26.80	11.45	34.30	14.78	36.90	15.99	37.10	15.72	37.20	15.47	37.40	15.48
70	10	6.40	0.43	10.30	0.68	14.60	0.97	15.60	1.04	16.60	1.11	17.70	1.18	18.80	1.27
	12	6.40	0.43	10.30	0.68	14.60	0.97	15.60	1.04	16.60	1.11	17.70	1.19	18.80	1.28
	14	6.40	0.43	10.30	0.68	14.60	0.98	15.60	1.05	16.60	1.12	17.70	1.19	18.80	1.29
	16	6.40	0.43	10.30	0.68	14.60	0.98	15.60	1.05	16.60	1.13	17.70	1.21	18.80	1.30
	18	6.40	0.43	10.30	0.69	14.60	1.00	15.60	1.07	16.60	1.15	17.70	1.23	18.80	1.35
	20	6.40	0.43	10.30	0.70	14.60	1.04	15.60	1.12	16.60	1.21	17.70	1.31	18.80	1.45
	21	7.30	0.50	11.10	0.80	15.40	1.20	16.40	1.31	17.40	1.43	18.40	1.55	19.50	1.80
	23	9.00	1.70	12.70	2.05	17.00	2.39	17.90	2.47	18.90	2.56	19.80	2.63	20.70	2.77
	25	10.70	2.06	14.40	2.37	18.60	2.79	19.50	2.89	20.50	2.99	21.20	3.07	22.00	3.23
	27	12.50	2.42	16.10	2.80	20.30	3.31	21.10	3.43	22.00	3.55	22.60	3.62	24.60	3.98
	29	14.30	2.90	17.90	3.35	22.00	3.98	22.80	4.11	23.70	4.25	25.10	4.49	29.10	5.32
	31	16.20	3.54	19.70	4.07	23.80	4.78	24.50	4.92	26.70	5.30	29.70	5.89	33.60	6.86
	33	18.10	4.26	21.60	4.84	25.60	5.65	28.20	6.19	31.40	6.91	34.30	7.61	38.10	8.82
	35	20.10	5.14	23.50	5.77	30.00	7.33	32.90	8.08	36.00	8.97	38.90	9.81	42.60	11.29
	37	20.10	5.47	23.50	6.14	30.00	7.82	32.90	8.62	36.00	9.58	38.90	10.47	42.60	12.05
	39	20.10	5.83	23.50	6.55	30.00	8.35	32.90	9.21	36.00	10.22	38.90	11.18	42.60	12.86
	41	20.10	6.23	23.50	7.00	30.00	8.92	32.90	9.83	36.00	10.92	38.90	11.94	42.60	13.73
	43	20.10	6.67	23.50	7.48	30.00	9.52	32.90	10.50	36.00	11.66	38.90	12.74	42.60	14.66
	46	20.10	7.37	23.50	8.27	30.00	10.52	32.90	11.59	36.00	12.85	38.90	14.05	42.60	16.17

7. ARUM200LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	20.10	7.89	23.50	8.84	30.00	11.23	32.90	12.37	36.00	13.72	38.90	15.00	42.60	17.27
	50	20.10	8.44	23.50	9.46	30.00	12.00	32.90	13.21	36.00	14.64	38.90	16.01	42.50	18.42
	52	20.10	9.04	23.50	10.11	30.00	12.81	32.90	14.10	36.00	15.63	37.00	15.87	37.10	15.87
60	10	5.50	0.37	8.80	0.58	12.50	0.83	13.40	0.89	14.30	0.95	15.20	1.01	16.10	1.09
	12	5.50	0.37	8.80	0.58	12.50	0.83	13.40	0.89	14.30	0.95	15.20	1.01	16.10	1.09
	14	5.50	0.36	8.80	0.58	12.50	0.83	13.40	0.89	14.30	0.95	15.20	1.02	16.10	1.09
	16	5.50	0.36	8.80	0.58	12.50	0.84	13.40	0.90	14.30	0.96	15.20	1.02	16.10	1.10
	18	5.50	0.36	8.80	0.59	12.50	0.84	13.40	0.91	14.30	0.97	15.20	1.04	16.10	1.13
	20	5.50	0.36	8.80	0.59	12.50	0.87	13.40	0.94	14.30	1.01	15.20	1.09	16.10	1.20
	21	6.20	0.42	9.50	0.66	13.20	0.98	14.00	1.07	14.90	1.16	15.80	1.25	16.70	1.42
	23	7.70	1.20	10.90	1.79	14.50	2.19	15.40	2.26	16.20	2.32	16.90	2.39	17.80	2.50
	25	9.60	1.97	12.40	2.18	16.00	2.52	16.70	2.60	17.50	2.68	18.20	2.75	18.90	2.87
	27	10.70	2.23	13.80	2.53	17.40	2.95	18.10	3.04	18.90	3.14	19.40	3.20	21.10	3.49
	29	12.30	2.63	15.30	2.99	18.90	3.50	19.60	3.60	20.30	3.71	21.50	3.91	24.90	4.57
	31	13.90	3.15	16.90	3.58	20.40	4.18	21.00	4.29	22.80	4.61	25.50	5.08	28.80	5.84
	33	15.50	3.77	18.50	4.24	21.90	4.91	24.10	5.36	26.90	5.91	29.40	6.46	32.60	7.39
	35	17.30	4.49	20.10	5.02	25.70	6.28	28.20	6.86	30.90	7.55	33.30	8.20	36.50	9.34
	37	17.30	4.77	20.10	5.34	25.70	6.69	28.20	7.32	30.90	8.06	33.30	8.75	36.50	9.97
	39	17.30	5.07	20.10	5.69	25.70	7.14	28.20	7.81	30.90	8.60	33.30	9.34	36.50	10.64
	41	17.30	5.40	20.10	6.08	25.70	7.63	28.20	8.35	30.90	9.19	33.30	9.98	36.50	11.36
	43	17.30	5.76	20.10	6.51	25.70	8.15	28.20	8.92	30.90	9.82	33.30	10.66	36.50	12.13
	46	17.30	6.38	20.10	7.22	25.70	9.01	28.20	9.85	30.90	10.84	33.30	11.76	36.50	13.37
	48	17.30	6.85	20.10	7.73	25.70	9.63	28.20	10.53	30.90	11.57	33.30	12.55	36.50	14.27
	50	17.30	7.36	20.10	8.28	25.70	10.30	28.20	11.25	30.90	12.36	33.30	13.40	36.50	15.24
	52	17.30	7.93	20.10	8.86	25.70	11.01	28.20	12.01	30.90	13.19	33.30	14.30	36.50	16.27
50	10	4.60	0.35	7.40	0.49	10.40	0.69	11.10	0.74	11.90	0.79	12.70	0.84	13.50	0.90
	12	4.60	0.35	7.40	0.49	10.40	0.69	11.10	0.74	11.90	0.79	12.70	0.84	13.50	0.90
	14	4.60	0.35	7.40	0.49	10.40	0.69	11.10	0.74	11.90	0.79	12.70	0.84	13.50	0.91
	16	4.60	0.35	7.40	0.48	10.40	0.69	11.10	0.74	11.90	0.79	12.70	0.85	13.50	0.91
	18	4.60	0.35	7.40	0.49	10.40	0.70	11.10	0.75	11.90	0.80	12.70	0.86	13.50	0.93
	20	4.60	0.35	7.40	0.49	10.40	0.71	11.10	0.76	11.90	0.82	12.70	0.88	13.50	0.96
	21	5.20	0.34	7.90	0.54	11.00	0.79	11.70	0.85	12.40	0.91	13.10	0.98	13.90	1.10
	23	6.40	0.81	9.10	1.21	12.10	2.00	12.80	2.05	13.50	2.11	14.10	2.16	14.80	2.24
	25	9.20	1.99	10.30	2.00	13.30	2.27	13.90	2.33	14.60	2.39	15.10	2.44	15.70	2.54
	27	9.10	2.07	11.50	2.28	14.50	2.61	15.10	2.68	15.70	2.75	16.20	2.80	17.60	3.03
	29	10.20	2.36	12.80	2.65	15.70	3.04	16.30	3.13	16.90	3.21	17.90	3.36	20.80	3.87
	31	11.60	2.78	14.10	3.12	17.00	3.60	17.50	3.69	19.00	3.95	21.20	4.33	24.00	4.93
	33	13.00	3.30	15.40	3.67	18.30	4.20	20.10	4.55	22.40	5.00	24.50	5.42	27.20	6.12
	35	14.40	3.88	16.80	4.30	21.40	5.32	23.50	5.77	25.70	6.28	27.80	6.76	30.40	7.60
	37	14.40	4.10	16.80	4.55	21.40	5.67	23.50	6.14	25.70	6.70	27.80	7.21	30.40	8.11
	39	14.40	4.34	16.80	4.83	21.40	6.05	23.50	6.55	25.70	7.15	27.80	7.70	30.40	8.66
	41	14.40	4.61	16.80	5.15	21.40	6.45	23.50	7.00	25.70	7.63	27.80	8.22	30.40	9.25
	43	14.40	4.90	16.80	5.49	21.40	6.90	23.50	7.48	25.70	8.15	27.80	8.78	30.40	9.88
	46	14.40	5.40	16.80	6.07	21.40	7.63	23.50	8.27	25.70	9.01	27.80	9.70	30.40	10.91
	48	14.40	5.78	16.80	6.51	21.40	8.16	23.50	8.84	25.70	9.64	27.80	10.37	30.40	11.65
	50	14.40	6.19	16.80	6.99	21.40	8.74	23.50	9.46	25.70	10.30	27.80	11.08	30.40	12.44
	52	14.40	6.64	16.80	7.52	21.40	9.35	23.50	10.12	25.70	11.01	27.80	11.84	30.40	13.28

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

7.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	37.60	17.51	37.30	17.66	37.00	17.81	36.90	17.88	36.80	17.96	36.50	18.10
	-24.8	-25	43.70	18.41	43.40	18.58	43.10	18.74	42.90	18.82	42.80	18.91	42.50	19.07
	-21.8	-22	47.50	18.93	47.20	19.11	46.90	19.28	46.70	19.37	46.60	19.45	46.20	19.62
	-19.8	-20	50.20	19.28	49.90	19.46	49.50	19.64	49.30	19.73	49.20	19.82	48.90	20.00
	-18.8	-19	51.60	19.45	51.20	19.64	50.90	19.83	50.70	19.92	50.50	20.01	50.20	20.18
	-16.7	-17	54.40	19.81	54.10	20.00	53.70	20.19	53.50	20.29	53.40	20.38	53.00	20.56
	-15	-15.9	56.20	20.01	55.80	20.21	55.40	20.41	55.20	20.50	55.00	20.60	54.70	20.78
	-13.7	-15	57.60	20.19	57.20	20.39	56.90	20.59	56.70	20.69	56.50	20.79	56.20	20.98
	-11.8	-13	60.60	20.54	60.20	20.75	59.80	20.95	59.60	21.05	59.40	21.15	59.00	21.35
	-9.8	-11	63.90	20.91	63.40	21.12	63.00	21.33	62.80	21.43	62.60	21.53	62.20	21.73
	-9.5	-10	65.40	21.08	65.00	21.29	64.60	21.51	64.40	21.61	64.10	21.72	63.70	21.92
	-8.5	-9.1	67.00	21.25	66.50	21.47	66.10	21.68	65.90	21.79	65.70	21.89	65.20	22.10
	-7	-7.6	69.60	21.53	69.20	21.76	68.70	21.98	68.50	22.08	68.20	22.19	67.80	22.40
	-5	-5.6	73.30	21.92	72.80	22.15	72.30	22.37	72.10	22.48	71.80	22.59	71.30	22.81
	-3	-3.7	76.90	22.29	76.40	22.53	75.90	22.76	75.60	22.87	75.40	22.99	71.70	21.73
	0	-0.7	82.90	22.90	82.30	23.14	81.80	23.38	79.30	22.54	76.80	21.67	71.70	19.95
	3	2.2	88.90	23.49	87.00	23.19	81.90	21.54	79.30	20.74	76.80	19.94	71.70	18.38
	5	4.1	92.10	23.53	87.00	21.95	81.90	20.40	79.30	19.65	76.80	18.90	71.70	17.43
	7	6	92.10	22.26	87.00	20.77	81.90	19.32	79.30	18.61	76.80	17.90	71.70	16.52
	9	7.9	92.10	21.01	87.00	19.61	81.90	18.24	79.30	17.57	76.80	16.91	71.70	15.61
	11	9.8	92.10	19.80	87.00	18.49	81.90	17.21	79.30	16.58	76.80	15.97	71.70	14.75
	13	11.8	92.10	18.58	87.00	17.36	81.90	16.18	79.30	15.59	76.80	15.02	71.70	13.89
	15	13.7	92.10	17.48	87.00	16.35	81.90	15.24	79.30	14.70	76.80	14.16	71.70	13.11
120	-30	-30.2	37.40	17.59	37.10	17.74	36.90	17.89	36.80	17.96	36.60	18.03	36.40	18.18
	-24.8	-25	43.50	18.52	43.20	18.68	42.90	18.85	42.70	18.93	42.60	19.01	42.30	19.17
	-21.8	-22	47.30	19.06	47.00	19.23	46.60	19.40	46.50	19.49	46.30	19.57	46.00	19.74
	-19.8	-20	49.90	19.42	49.60	19.60	49.30	19.78	49.10	19.87	48.90	19.95	48.60	20.13
	-18.8	-19	51.30	19.60	51.00	19.78	50.60	19.97	50.40	20.06	50.30	20.14	49.90	20.32
	-16.7	-17	54.10	19.97	53.80	20.16	53.40	20.35	53.20	20.44	53.10	20.53	52.70	20.71
	-15	-15.9	55.80	20.18	55.50	20.38	55.10	20.57	54.90	20.66	54.70	20.76	54.40	20.94
	-13.7	-15	57.30	20.37	56.90	20.57	56.60	20.76	56.40	20.86	56.20	20.95	55.90	21.14
	-11.8	-13	60.30	20.73	59.90	20.94	59.50	21.14	59.30	21.23	59.10	21.33	58.70	21.52
	-9.8	-11	63.50	21.12	63.00	21.33	62.60	21.53	62.40	21.63	62.20	21.73	61.80	21.93
	-9.5	-10	65.00	21.30	64.60	21.51	64.10	21.72	63.90	21.82	63.70	21.92	63.30	22.12
	-8.5	-9.1	66.50	21.48	66.10	21.69	65.60	21.90	65.40	22.00	65.20	22.11	64.80	22.31
	-7	-7.6	69.10	21.78	68.70	21.99	68.20	22.21	68.00	22.31	67.80	22.42	66.10	22.05
	-5	-5.6	72.70	22.18	72.20	22.41	71.70	22.63	71.50	22.73	70.90	22.65	66.10	20.85
	-3	-3.7	76.30	22.58	75.80	22.81	75.30	23.03	73.20	22.31	70.90	21.45	66.10	19.76
	0	-0.7	82.10	23.22	80.30	22.88	75.60	21.27	73.20	20.47	70.90	19.69	66.10	18.16
	3	2.2	85.00	22.55	80.30	21.05	75.60	19.58	73.20	18.86	70.90	18.15	66.10	16.75
	5	4.1	85.00	21.35	80.30	19.94	75.60	18.56	73.20	17.88	70.90	17.21	66.10	15.90
	7	6	85.00	20.21	80.30	18.88	75.60	17.58	73.20	16.94	70.90	16.31	66.10	15.07
	9	7.9	85.00	19.08	80.30	17.83	75.60	16.61	73.20	16.01	70.90	15.42	66.10	14.25
	11	9.8	85.00	17.99	80.30	16.82	75.60	15.68	73.20	15.12	70.90	14.57	66.10	13.48
	13	11.8	85.00	16.91	80.30	15.82	75.60	14.76	73.20	14.23	70.90	13.72	66.10	12.70

7. ARUM200LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	85.00	15.92	80.30	14.91	75.60	13.92	73.20	13.43	70.90	12.95	66.10	12.00
110	-30	-30.2	37.20	17.69	37.00	17.84	36.70	17.98	36.60	18.06	36.50	18.13	36.20	18.27
	-24.8	-25	43.30	18.65	43.00	18.81	42.70	18.97	42.50	19.05	42.40	19.13	42.10	19.28
	-21.8	-22	47.00	19.21	46.70	19.38	46.40	19.55	46.20	19.63	46.10	19.71	45.80	19.88
	-19.8	-20	49.60	19.58	49.30	19.76	49.00	19.93	48.80	20.02	48.70	20.11	48.30	20.27
	-18.8	-19	51.00	19.77	50.60	19.95	50.30	20.13	50.10	20.22	50.00	20.30	49.70	20.48
	-16.7	-17	53.80	20.16	53.40	20.34	53.10	20.53	52.90	20.62	52.70	20.71	52.40	20.88
	-15	-15.9	55.40	20.38	55.10	20.57	54.70	20.76	54.50	20.85	54.40	20.94	54.00	21.12
	-13.7	-15	56.90	20.57	56.50	20.77	56.20	20.96	56.00	21.06	55.80	21.15	55.50	21.33
	-11.8	-13	59.80	20.96	59.40	21.16	59.00	21.35	58.80	21.45	58.70	21.54	58.30	21.73
	-9.8	-11	63.00	21.36	62.50	21.57	62.10	21.77	61.90	21.86	61.70	21.96	60.60	21.78
	-9.5	-10	64.50	21.55	64.10	21.76	63.60	21.96	63.40	22.06	63.20	22.16	60.60	21.24
	-8.5	-9.1	66.00	21.74	65.50	21.95	65.10	22.15	64.90	22.26	64.70	22.35	60.60	20.72
	-7	-7.6	68.50	22.06	68.10	22.27	67.60	22.48	67.10	22.44	65.00	21.58	60.60	19.89
	-5	-5.6	72.00	22.49	71.60	22.71	69.30	22.04	67.10	21.22	65.00	20.41	60.60	18.82
	-3	-3.7	75.60	22.91	73.60	22.46	69.30	20.88	67.10	20.11	65.00	19.34	60.60	17.85
	0	-0.7	78.00	22.07	73.60	20.61	69.30	19.18	67.10	18.48	65.00	17.78	60.60	16.42
	3	2.2	78.00	20.31	73.60	18.98	69.30	17.68	67.10	17.04	65.00	16.41	60.60	15.17
	5	4.1	78.00	19.24	73.60	17.99	69.30	16.77	67.10	16.17	65.00	15.57	60.60	14.41
	7	6	78.00	18.23	73.60	17.05	69.30	15.89	67.10	15.32	65.00	14.76	60.60	13.66
	9	7.9	78.00	17.22	73.60	16.11	69.30	15.03	67.10	14.49	65.00	13.97	60.60	12.93
	11	9.8	78.00	16.25	73.60	15.22	69.30	14.20	67.10	13.70	65.00	13.21	60.60	12.24
	13	11.8	78.00	15.28	73.60	14.32	69.30	13.38	67.10	12.91	65.00	12.45	60.60	11.55
	15	13.7	78.00	14.41	73.60	13.51	69.30	12.63	67.10	12.19	65.00	11.76	60.60	10.92
100	-30	-30.2	37.00	17.81	36.80	17.95	36.50	18.10	36.40	18.17	36.30	18.24	36.00	18.38
	-24.8	-25	43.00	18.80	42.70	18.96	42.40	19.12	42.30	19.19	42.10	19.27	41.90	19.42
	-21.8	-22	46.70	19.38	46.40	19.55	46.10	19.71	45.90	19.80	45.80	19.88	45.50	20.04
	-19.8	-20	49.30	19.77	48.90	19.95	48.60	20.12	48.50	20.20	48.30	20.29	48.00	20.45
	-18.8	-19	50.60	19.97	50.30	20.15	49.90	20.32	49.80	20.41	49.60	20.49	49.30	20.66
	-16.7	-17	53.40	20.38	53.00	20.56	52.70	20.74	52.50	20.83	52.30	20.91	52.00	21.08
	-15	-15.9	55.00	20.61	54.60	20.80	54.30	20.98	54.10	21.07	53.90	21.16	53.60	21.33
	-13.7	-15	56.40	20.82	56.10	21.01	55.80	21.20	55.60	21.29	55.40	21.38	55.10	21.56
	-11.8	-13	59.30	21.22	58.90	21.41	58.50	21.60	58.30	21.70	58.20	21.79	55.10	20.54
	-9.8	-11	62.40	21.65	62.00	21.85	61.60	22.04	61.00	21.95	59.10	21.12	55.10	19.48
	-9.5	-10	63.90	21.85	63.40	22.05	63.00	22.23	61.00	21.40	59.10	20.59	55.10	19.00
	-8.5	-9.1	65.30	22.05	64.90	22.25	63.00	21.68	61.00	20.88	59.10	20.09	55.10	18.54
	-7	-7.6	67.80	22.39	66.90	22.36	63.00	20.81	61.00	20.04	59.10	19.29	55.10	17.80
	-5	-5.6	70.90	22.65	66.90	21.15	63.00	19.68	61.00	18.97	59.10	18.25	55.10	16.86
	-3	-3.7	70.90	21.45	66.90	20.04	63.00	18.66	61.00	17.98	59.10	17.31	55.10	16.00
	0	-0.7	70.90	19.69	66.90	18.41	63.00	17.16	61.00	16.54	59.10	15.94	55.10	14.74
	3	2.2	70.90	18.15	66.90	16.98	63.00	15.84	61.00	15.28	59.10	14.72	55.10	13.63
	5	4.1	70.90	17.21	66.90	16.11	63.00	15.04	61.00	14.51	59.10	13.99	55.10	12.96
	7	6	70.90	16.31	66.90	15.27	63.00	14.26	61.00	13.76	59.10	13.27	55.10	12.29
	9	7.9	70.90	15.42	66.90	14.45	63.00	13.50	61.00	13.03	59.10	12.56	55.10	11.65
	11	9.8	70.90	14.57	66.90	13.66	63.00	12.77	61.00	12.33	59.10	11.90	55.10	11.04
	13	11.8	70.90	13.72	66.90	12.87	63.00	12.04	61.00	11.63	59.10	11.22	55.10	10.43
	15	13.7	70.90	12.95	66.90	12.15	63.00	11.38	61.00	10.99	59.10	10.61	55.10	9.87

7. ARUM200LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	36.80	17.95	36.50	18.09	36.30	18.23	36.20	18.30	36.00	18.37	35.80	18.50
	-24.8	-25	42.70	18.98	42.40	19.14	42.10	19.29	42.00	19.37	41.80	19.44	41.50	19.59
	-21.8	-22	46.30	19.59	46.00	19.75	45.70	19.92	45.50	20.00	45.40	20.07	45.10	20.23
	-19.8	-20	48.80	20.00	48.50	20.17	48.20	20.34	48.10	20.42	47.90	20.50	47.60	20.66
	-18.8	-19	50.20	20.21	49.80	20.39	49.50	20.55	49.30	20.64	49.20	20.72	48.90	20.88
	-16.7	-17	52.90	20.64	52.50	20.82	52.20	20.99	52.00	21.08	51.80	21.16	49.60	20.23
	-15	-15.9	54.50	20.89	54.10	21.07	53.80	21.25	53.60	21.33	53.10	21.27	49.60	19.63
	-13.7	-15	55.90	21.11	55.60	21.30	55.20	21.48	54.90	21.49	53.10	20.67	49.60	19.06
	-11.8	-13	58.70	21.53	58.30	21.72	56.70	21.23	54.90	20.46	53.10	19.69	49.60	18.18
	-9.8	-11	61.70	21.99	60.20	21.62	56.70	20.13	54.90	19.40	53.10	18.67	49.60	17.25
	-9.5	-10	63.10	22.20	60.20	21.08	56.70	19.63	54.90	18.92	53.10	18.21	49.60	16.83
	-8.5	-9.1	63.80	22.00	60.20	20.56	56.70	19.16	54.90	18.46	53.10	17.78	49.60	16.43
	-7	-7.6	63.80	21.12	60.20	19.74	56.70	18.39	54.90	17.73	53.10	17.08	49.60	15.79
	-5	-5.6	63.80	19.97	60.20	18.68	56.70	17.41	54.90	16.79	53.10	16.18	49.60	14.96
	-3	-3.7	63.80	18.93	60.20	17.72	56.70	16.52	54.90	15.93	53.10	15.35	49.60	14.21
	0	-0.7	63.80	17.41	60.20	16.30	56.70	15.22	54.90	14.68	53.10	14.15	49.60	13.11
	3	2.2	63.80	16.07	60.20	15.06	56.70	14.07	54.90	13.58	53.10	13.10	49.60	12.15
	5	4.1	63.80	15.25	60.20	14.30	56.70	13.37	54.90	12.91	53.10	12.46	49.60	11.56
	7	6	63.80	14.46	60.20	13.56	56.70	12.68	54.90	12.25	53.10	11.82	49.60	10.97
	9	7.9	63.80	13.68	60.20	12.84	56.70	12.02	54.90	11.61	53.10	11.20	49.60	10.41
	11	9.8	63.80	12.95	60.20	12.16	56.70	11.38	54.90	11.00	53.10	10.62	49.60	9.87
	13	11.8	63.80	12.20	60.20	11.47	56.70	10.74	54.90	10.39	53.10	10.03	49.60	9.34
	15	13.7	63.80	11.53	60.20	10.84	56.70	10.16	54.90	9.83	53.10	9.50	49.60	8.85
80	-30	-30.2	36.50	18.12	36.20	18.26	36.00	18.40	35.90	18.46	35.80	18.53	35.50	18.66
	-24.8	-25	42.30	19.20	42.00	19.36	41.70	19.51	41.60	19.58	41.40	19.65	41.20	19.80
	-21.8	-22	45.80	19.85	45.50	20.01	45.20	20.16	45.10	20.24	44.90	20.32	44.10	20.11
	-19.8	-20	48.30	20.28	48.00	20.45	47.70	20.61	47.50	20.69	47.20	20.67	44.10	19.10
	-18.8	-19	49.60	20.51	49.30	20.67	49.00	20.84	48.80	20.92	47.20	20.15	44.10	18.62
	-16.7	-17	52.20	20.96	51.90	21.13	50.40	20.60	48.80	19.86	47.20	19.13	44.10	17.68
	-15	-15.9	53.80	21.23	53.50	21.40	50.40	19.99	48.80	19.27	47.20	18.56	44.10	17.16
	-13.7	-15	55.20	21.47	53.50	20.85	50.40	19.41	48.80	18.70	47.20	18.00	44.10	16.63
	-11.8	-13	56.70	21.23	53.50	19.86	50.40	18.51	48.80	17.85	47.20	17.20	44.10	15.89
	-9.8	-11	56.70	20.13	53.50	18.83	50.40	17.57	48.80	16.94	47.20	16.32	44.10	15.11
	-9.5	-10	56.70	19.63	53.50	18.37	50.40	17.14	48.80	16.53	47.20	15.93	44.10	14.75
	-8.5	-9.1	56.70	19.16	53.50	17.93	50.40	16.73	48.80	16.14	47.20	15.55	44.10	14.40
	-7	-7.6	56.70	18.39	53.50	17.22	50.40	16.07	48.80	15.51	47.20	14.95	44.10	13.84
	-5	-5.6	56.70	17.41	53.50	16.31	50.40	15.23	48.80	14.70	47.20	14.17	44.10	13.13
	-3	-3.7	56.70	16.52	53.50	15.48	50.40	14.46	48.80	13.96	47.20	13.47	44.10	12.49
	0	-0.7	56.70	15.22	53.50	14.27	50.40	13.34	48.80	12.89	47.20	12.43	44.10	11.54
	3	2.2	56.70	14.07	53.50	13.20	50.40	12.36	48.80	11.94	47.20	11.52	44.10	10.71
	5	4.1	56.70	13.37	53.50	12.56	50.40	11.76	48.80	11.36	47.20	10.97	44.10	10.20
	7	6	56.70	12.68	53.50	11.91	50.40	11.16	48.80	10.79	47.20	10.42	44.10	9.69
	9	7.9	56.70	12.02	53.50	11.29	50.40	10.59	48.80	10.24	47.20	9.89	44.10	9.21
	11	9.8	56.70	11.38	53.50	10.70	50.40	10.04	48.80	9.71	47.20	9.38	44.10	8.74
	13	11.8	56.70	10.74	53.50	10.11	50.40	9.49	48.80	9.18	47.20	8.88	44.10	8.28
	15	13.7	56.70	10.16	53.50	9.57	50.40	8.99	48.80	8.70	47.20	8.42	44.10	7.85
70	-30	-30.2	36.10	18.34	35.90	18.47	35.60	18.60	35.50	18.67	35.40	18.74	35.20	18.86

7. ARUM200LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	41.70	19.48	41.50	19.63	41.20	19.77	41.10	19.84	41.00	19.91	38.60	18.66
	-21.8	-22	45.20	20.17	44.90	20.32	44.10	20.11	42.70	19.39	41.30	18.68	38.60	17.29
	-19.8	-20	47.70	20.63	46.90	20.48	44.10	19.10	42.70	18.42	41.30	17.75	38.60	16.43
	-18.8	-19	48.90	20.87	46.90	19.95	44.10	18.62	42.70	17.96	41.30	17.31	38.60	16.02
	-16.7	-17	49.60	20.23	46.90	18.94	44.10	17.68	42.70	17.06	41.30	16.44	38.60	15.23
	-15	-15.9	49.60	19.63	46.90	18.38	44.10	17.16	42.70	16.55	41.30	15.94	38.60	14.75
	-13.7	-15	49.60	19.06	46.90	17.83	44.10	16.63	42.70	16.04	41.30	15.45	38.60	14.30
	-11.8	-13	49.60	18.18	46.90	17.03	44.10	15.89	42.70	15.32	41.30	14.77	38.60	13.67
	-9.8	-11	49.60	17.25	46.90	16.17	44.10	15.11	42.70	14.58	41.30	14.07	38.60	13.04
	-9.5	-10	49.60	16.83	46.90	15.78	44.10	14.75	42.70	14.24	41.30	13.73	38.60	12.74
	-8.5	-9.1	49.60	16.43	46.90	15.41	44.10	14.40	42.70	13.90	41.30	13.41	38.60	12.44
	-7	-7.6	49.60	15.79	46.90	14.81	44.10	13.84	42.70	13.37	41.30	12.90	38.60	11.97
	-5	-5.6	49.60	14.96	46.90	14.04	44.10	13.14	42.70	12.69	41.30	12.25	38.60	11.37
	-3	-3.7	49.60	14.21	46.90	13.34	44.10	12.49	42.70	12.07	41.30	11.65	38.60	10.82
	0	-0.7	49.60	13.11	46.90	12.32	44.10	11.54	42.70	11.16	41.30	10.78	38.60	10.02
	3	2.2	49.60	12.15	46.90	11.42	44.10	10.71	42.70	10.36	41.30	10.01	38.60	9.32
	5	4.1	49.60	11.56	46.90	10.87	44.10	10.20	42.70	9.86	41.30	9.53	38.60	8.88
	7	6	49.60	10.97	46.90	10.33	44.10	9.69	42.70	9.38	41.30	9.06	38.60	8.45
	9	7.9	49.60	10.41	46.90	9.80	44.10	9.21	42.70	8.91	41.30	8.62	38.60	8.04
	11	9.8	49.60	9.87	46.90	9.30	44.10	8.74	42.70	8.47	41.30	8.19	38.60	7.65
	13	11.8	49.60	9.34	46.90	8.80	44.10	8.28	42.70	8.02	41.30	7.76	38.60	7.25
	15	13.7	49.60	8.85	46.90	8.35	44.10	7.85	42.70	7.61	41.30	7.37	38.60	6.89
60	-30	-30.2	35.60	18.62	35.40	18.75	35.20	18.87	35.00	18.94	34.90	19.00	33.10	17.93
	-24.8	-25	41.10	19.84	40.20	19.52	37.80	18.23	36.60	17.60	35.40	16.97	33.10	15.72
	-21.8	-22	42.50	19.29	40.20	18.08	37.80	16.90	36.60	16.31	35.40	15.73	33.10	14.58
	-19.8	-20	42.50	18.33	40.20	17.19	37.80	16.06	36.60	15.51	35.40	14.96	33.10	13.87
	-18.8	-19	42.50	17.87	40.20	16.75	37.80	15.66	36.60	15.12	35.40	14.59	33.10	13.53
	-16.7	-17	42.50	16.97	40.20	15.92	37.80	14.88	36.60	14.37	35.40	13.87	33.10	12.87
	-15	-15.9	42.50	16.46	40.20	15.43	37.80	14.42	36.60	13.92	35.40	13.43	33.10	12.45
	-13.7	-15	42.50	15.96	40.20	14.96	37.80	13.98	36.60	13.50	35.40	13.02	33.10	12.08
	-11.8	-13	42.50	15.24	40.20	14.29	37.80	13.36	36.60	12.90	35.40	12.45	33.10	11.55
	-9.8	-11	42.50	14.51	40.20	13.63	37.80	12.74	36.60	12.30	35.40	11.87	33.10	11.02
	-9.5	-10	42.50	14.16	40.20	13.30	37.80	12.46	36.60	12.04	35.40	11.62	33.10	10.81
	-8.5	-9.1	42.50	13.83	40.20	12.99	37.80	12.17	36.60	11.76	35.40	11.36	33.10	10.56
	-7	-7.6	42.50	13.30	40.20	12.50	37.80	11.71	36.60	11.32	35.40	10.94	33.10	10.17
	-5	-5.6	42.50	12.62	40.20	11.87	37.80	11.13	36.60	10.76	35.40	10.40	33.10	9.68
	-3	-3.7	42.50	12.01	40.20	11.29	37.80	10.59	36.60	10.25	35.40	9.90	33.10	9.22
	0	-0.7	42.50	11.10	40.20	10.45	37.80	9.81	36.60	9.49	35.40	9.18	33.10	8.56
	3	2.2	42.50	10.31	40.20	9.71	37.80	9.12	36.60	8.83	35.40	8.55	33.10	7.98
	5	4.1	42.50	9.82	40.20	9.25	37.80	8.70	36.60	8.42	35.40	8.15	33.10	7.61
	7	6	42.50	9.33	40.20	8.80	37.80	8.28	36.60	8.02	35.40	7.76	33.10	7.25
	9	7.9	42.50	8.87	40.20	8.37	37.80	7.88	36.60	7.63	35.40	7.39	33.10	6.91
	11	9.8	42.50	8.43	40.20	7.96	37.80	7.49	36.60	7.26	35.40	7.04	33.10	6.59
	13	11.8	42.50	7.98	40.20	7.54	37.80	7.11	36.60	6.89	35.40	6.68	33.10	6.26
	15	13.7	42.50	7.58	40.20	7.16	37.80	6.76	36.60	6.56	35.40	6.36	33.10	5.96
50	-30	-30.2	34.90	18.99	33.50	18.17	31.50	16.99	30.50	16.41	29.50	15.83	27.60	14.69
	-24.8	-25	35.40	16.97	33.50	15.93	31.50	14.91	30.50	14.40	29.50	13.90	27.60	12.91

7. ARUM200LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	35.40	15.73	33.50	14.77	31.50	13.83	30.50	13.37	29.50	12.91	27.60	12.00
	-19.8	-20	35.40	14.96	33.50	14.05	31.50	13.16	30.50	12.72	29.50	12.29	27.60	11.42
	-18.8	-19	35.40	14.59	33.50	13.71	31.50	12.84	30.50	12.41	29.50	11.99	27.60	11.15
	-16.7	-17	35.40	13.87	33.50	13.04	31.50	12.22	30.50	11.81	29.50	11.41	27.60	10.62
	-15	-15.9	35.40	13.43	33.50	12.61	31.50	11.82	30.50	11.42	29.50	11.03	27.60	10.26
	-13.7	-15	35.40	13.02	33.50	12.23	31.50	11.46	30.50	11.08	29.50	10.70	27.60	9.95
	-11.8	-13	35.40	12.45	33.50	11.70	31.50	10.96	30.50	10.60	29.50	10.24	27.60	9.53
	-9.8	-11	35.40	11.87	33.50	11.16	31.50	10.46	30.50	10.12	29.50	9.77	27.60	9.10
	-9.5	-10	35.40	11.62	33.50	10.94	31.50	10.27	30.50	9.94	29.50	9.61	27.60	8.96
	-8.5	-9.1	35.40	11.36	33.50	10.70	31.50	10.04	30.50	9.72	29.50	9.40	27.60	8.76
	-7	-7.6	35.40	10.94	33.50	10.30	31.50	9.67	30.50	9.36	29.50	9.06	27.60	8.45
	-5	-5.6	35.40	10.40	33.50	9.80	31.50	9.20	30.50	8.91	29.50	8.62	27.60	8.05
	-3	-3.7	35.40	9.90	33.50	9.34	31.50	8.78	30.50	8.50	29.50	8.23	27.60	7.69
	0	-0.7	35.40	9.18	33.50	8.66	31.50	8.15	30.50	7.90	29.50	7.65	27.60	7.15
	3	2.2	35.40	8.55	33.50	8.07	31.50	7.60	30.50	7.37	29.50	7.14	27.60	6.69
	5	4.1	35.40	8.15	33.50	7.70	31.50	7.26	30.50	7.04	29.50	6.82	27.60	6.39
	7	6	35.40	7.76	33.50	7.34	31.50	6.92	30.50	6.71	29.50	6.51	27.60	6.10
	9	7.9	35.40	7.39	33.50	6.99	31.50	6.60	30.50	6.40	29.50	6.21	27.60	5.83
	11	9.8	35.40	7.04	33.50	6.66	31.50	6.29	30.50	6.11	29.50	5.93	27.60	5.57
	13	11.8	35.40	6.68	33.50	6.33	31.50	5.98	30.50	5.81	29.50	5.64	27.60	5.30
	15	13.7	35.40	6.36	33.50	6.03	31.50	5.70	30.50	5.54	29.50	5.38	27.60	5.06

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

7.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	37.60	17.51	37.30	17.66	37.00	17.81	36.90	17.88	36.80	17.96	36.50	18.10
	-24.8	-25	43.70	18.41	43.40	18.58	43.10	18.74	42.90	18.82	42.80	18.91	42.50	19.07
	-21.8	-22	47.50	18.93	47.20	19.11	46.90	19.28	46.70	19.37	46.60	19.45	46.20	19.62
	-19.8	-20	50.20	19.28	49.90	19.46	49.50	19.64	49.30	19.73	49.20	19.82	48.90	20.00
	-18.8	-19	51.60	19.45	51.20	19.64	50.90	19.83	50.70	19.92	50.50	20.01	50.20	20.18
	-16.7	-17	54.40	19.81	54.10	20.00	53.70	20.19	53.50	20.29	53.40	20.38	53.00	20.56
	-15	-15.9	56.20	20.01	55.80	20.21	55.40	20.41	55.20	20.50	55.00	20.60	54.70	20.78
	-13.7	-15	57.60	20.19	57.20	20.39	56.90	20.59	56.70	20.69	56.50	20.79	56.20	20.98
	-11.8	-13	60.60	20.54	60.20	20.75	59.80	20.95	59.60	21.05	59.40	21.15	59.00	21.35
	-9.8	-11	63.90	20.91	63.40	21.12	63.00	21.33	62.80	21.43	62.60	21.53	62.20	21.73
	-9.5	-10	65.40	21.08	65.00	21.29	64.60	21.51	64.40	21.61	64.10	21.72	63.70	21.92
	-8.5	-9.1	67.00	21.25	66.50	21.47	66.10	21.68	65.90	21.79	65.70	21.89	65.20	22.10
	-7	-7.6	69.60	21.53	69.20	21.76	68.70	21.98	68.50	22.08	68.20	22.19	67.80	22.40
	-5	-5.6	73.30	21.92	72.80	22.15	72.30	22.37	72.10	22.48	71.80	22.59	71.30	22.81
	-3	-3.7	76.90	22.29	76.40	22.53	75.90	22.76	75.60	22.87	75.40	22.99	71.70	21.73
	0	-0.7	82.90	22.90	82.30	23.14	81.80	23.38	79.30	22.54	76.80	21.67	71.70	19.95
	3	2.2	88.90	23.49	87.00	23.19	81.90	21.54	79.30	20.74	76.80	19.94	71.70	18.38
	5	4.1	87.20	21.53	82.00	20.00	76.90	18.51	74.30	17.78	71.70	17.06	66.50	15.64
	7	6	82.10	18.51	76.90	17.12	71.70	15.77	69.10	15.10	66.40	14.45	61.20	13.16
	9	7.9	76.90	15.73	71.60	14.49	66.30	13.27	63.70	12.68	61.00	12.09	55.70	10.93
	11	9.8	71.50	13.23	66.20	12.13	60.80	11.05	58.10	10.52	55.40	9.99	50.00	8.96
	13	11.8	65.90	10.97	60.50	10.00	55.10	9.05	52.40	8.58	49.70	8.12	44.10	7.21
	15	13.7	60.10	9.01	54.70	8.16	49.20	7.32	46.40	6.91	43.70	6.51	38.10	5.71
120	-30	-30.2	37.40	17.59	37.10	17.74	36.90	17.89	36.80	17.96	36.60	18.03	36.40	18.18
	-24.8	-25	43.50	18.52	43.20	18.68	42.90	18.85	42.70	18.93	42.60	19.01	42.30	19.17
	-21.8	-22	47.30	19.06	47.00	19.23	46.60	19.40	46.50	19.49	46.30	19.57	46.00	19.74
	-19.8	-20	49.90	19.42	49.60	19.60	49.30	19.78	49.10	19.87	48.90	19.95	48.60	20.13
	-18.8	-19	51.30	19.60	51.00	19.78	50.60	19.97	50.40	20.06	50.30	20.14	49.90	20.32
	-16.7	-17	54.10	19.97	53.80	20.16	53.40	20.35	53.20	20.44	53.10	20.53	52.70	20.71
	-15	-15.9	55.80	20.18	55.50	20.38	55.10	20.57	54.90	20.66	54.70	20.76	54.40	20.94
	-13.7	-15	57.30	20.37	56.90	20.57	56.60	20.76	56.40	20.86	56.20	20.95	55.90	21.14
	-11.8	-13	60.30	20.73	59.90	20.94	59.50	21.14	59.30	21.23	59.10	21.33	58.70	21.52
	-9.8	-11	63.50	21.12	63.00	21.33	62.60	21.53	62.40	21.63	62.20	21.73	61.80	21.93
	-9.5	-10	65.00	21.30	64.60	21.51	64.10	21.72	63.90	21.82	63.70	21.92	63.30	22.12
	-8.5	-9.1	66.50	21.48	66.10	21.69	65.60	21.90	65.40	22.00	65.20	22.11	64.80	22.31
	-7	-7.6	69.10	21.78	68.70	21.99	68.20	22.21	68.00	22.31	67.80	22.42	66.10	22.05
	-5	-5.6	72.70	22.18	72.20	22.41	71.70	22.63	71.50	22.73	70.90	22.65	66.10	20.85
	-3	-3.7	76.30	22.58	75.80	22.81	75.30	23.03	73.20	22.31	70.90	21.45	66.10	19.76
	0	-0.7	82.10	23.22	80.30	22.88	75.60	21.27	73.20	20.47	70.90	19.69	66.10	18.16
	3	2.2	85.00	22.55	80.30	21.05	75.60	19.58	73.20	18.86	70.90	18.15	66.10	16.75
	5	4.1	80.50	19.55	75.70	18.19	71.00	16.85	68.60	16.20	66.20	15.55	61.40	14.28
	7	6	75.80	16.83	71.00	15.59	66.20	14.38	63.80	13.78	61.30	13.20	56.50	12.04
	9	7.9	71.00	14.33	66.10	13.22	61.20	12.13	58.80	11.60	56.30	11.07	51.40	10.03
	11	9.8	66.00	12.09	61.10	11.10	56.10	10.13	53.70	9.65	51.20	9.18	46.20	8.25
	13	11.8	60.80	10.05	55.90	9.18	50.90	8.32	48.40	7.90	45.80	7.48	40.70	6.66

7. ARUM200LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	55.50	8.28	50.50	7.51	45.40	6.76	42.90	6.39	40.30	6.03	35.10	5.30
110	-30	-30.2	37.20	17.69	37.00	17.84	36.70	17.98	36.60	18.06	36.50	18.13	36.20	18.27
	-24.8	-25	43.30	18.65	43.00	18.81	42.70	18.97	42.50	19.05	42.40	19.13	42.10	19.28
	-21.8	-22	47.00	19.21	46.70	19.38	46.40	19.55	46.20	19.63	46.10	19.71	45.80	19.88
	-19.8	-20	49.60	19.58	49.30	19.76	49.00	19.93	48.80	20.02	48.70	20.11	48.30	20.27
	-18.8	-19	51.00	19.77	50.60	19.95	50.30	20.13	50.10	20.22	50.00	20.30	49.70	20.48
	-16.7	-17	53.80	20.16	53.40	20.34	53.10	20.53	52.90	20.62	52.70	20.71	52.40	20.88
	-15	-15.9	55.40	20.38	55.10	20.57	54.70	20.76	54.50	20.85	54.40	20.94	54.00	21.12
	-13.7	-15	56.90	20.57	56.50	20.77	56.20	20.96	56.00	21.06	55.80	21.15	55.50	21.33
	-11.8	-13	59.80	20.96	59.40	21.16	59.00	21.35	58.80	21.45	58.70	21.54	58.30	21.73
	-9.8	-11	63.00	21.36	62.50	21.57	62.10	21.77	61.90	21.86	61.70	21.96	60.60	21.78
	-9.5	-10	64.50	21.55	64.10	21.76	63.60	21.96	63.40	22.06	63.20	22.16	60.60	21.24
	-8.5	-9.1	66.00	21.74	65.50	21.95	65.10	22.15	64.90	22.26	64.70	22.35	60.60	20.72
	-7	-7.6	68.50	22.06	68.10	22.27	67.60	22.48	67.10	22.44	65.00	21.58	60.60	19.89
	-5	-5.6	72.00	22.49	71.60	22.71	69.30	22.04	67.10	21.22	65.00	20.41	60.60	18.82
	-3	-3.7	75.60	22.91	73.60	22.46	69.30	20.88	67.10	20.11	65.00	19.34	60.60	17.85
	0	-0.7	78.00	22.07	73.60	20.61	69.30	19.18	67.10	18.48	65.00	17.78	60.60	16.42
	3	2.2	78.00	20.31	73.60	18.98	69.30	17.68	67.10	17.04	65.00	16.41	60.60	15.17
	5	4.1	73.80	17.64	69.40	16.43	65.00	15.25	62.90	14.67	60.70	14.09	56.30	12.96
	7	6	69.50	15.21	65.10	14.11	60.70	13.03	58.40	12.51	56.20	11.98	51.80	10.95
	9	7.9	65.10	12.98	60.60	11.99	56.10	11.03	53.90	10.55	51.60	10.08	47.10	9.15
	11	9.8	60.50	10.98	56.00	10.10	51.50	9.23	49.20	8.81	46.90	8.39	42.30	7.55
	13	11.8	55.70	9.16	51.20	8.38	46.60	7.62	44.30	7.24	42.00	6.87	37.40	6.13
	15	13.7	50.80	7.57	46.20	6.89	41.60	6.21	39.30	5.88	36.90	5.55	32.20	4.91
100	-30	-30.2	37.00	17.81	36.80	17.95	36.50	18.10	36.40	18.17	36.30	18.24	36.00	18.38
	-24.8	-25	43.00	18.80	42.70	18.96	42.40	19.12	42.30	19.19	42.10	19.27	41.90	19.42
	-21.8	-22	46.70	19.38	46.40	19.55	46.10	19.71	45.90	19.80	45.80	19.88	45.50	20.04
	-19.8	-20	49.30	19.77	48.90	19.95	48.60	20.12	48.50	20.20	48.30	20.29	48.00	20.45
	-18.8	-19	50.60	19.97	50.30	20.15	49.90	20.32	49.80	20.41	49.60	20.49	49.30	20.66
	-16.7	-17	53.40	20.38	53.00	20.56	52.70	20.74	52.50	20.83	52.30	20.91	52.00	21.08
	-15	-15.9	55.00	20.61	54.60	20.80	54.30	20.98	54.10	21.07	53.90	21.16	53.60	21.33
	-13.7	-15	56.40	20.82	56.10	21.01	55.80	21.20	55.60	21.29	55.40	21.38	55.10	21.56
	-11.8	-13	59.30	21.22	58.90	21.41	58.50	21.60	58.30	21.70	58.20	21.79	55.10	20.54
	-9.8	-11	62.40	21.65	62.00	21.85	61.60	22.04	61.00	21.95	59.10	21.12	55.10	19.48
	-9.5	-10	63.90	21.85	63.40	22.05	63.00	22.23	61.00	21.40	59.10	20.59	55.10	19.00
	-8.5	-9.1	65.30	22.05	64.90	22.25	63.00	21.68	61.00	20.88	59.10	20.09	55.10	18.54
	-7	-7.6	67.80	22.39	66.90	22.36	63.00	20.81	61.00	20.04	59.10	19.29	55.10	17.80
	-5	-5.6	70.90	22.65	66.90	21.15	63.00	19.68	61.00	18.97	59.10	18.25	55.10	16.86
	-3	-3.7	70.90	21.45	66.90	20.04	63.00	18.66	61.00	17.98	59.10	17.31	55.10	16.00
	0	-0.7	70.90	19.69	66.90	18.41	63.00	17.16	61.00	16.54	59.10	15.94	55.10	14.74
	3	2.2	70.90	18.15	66.90	16.98	63.00	15.84	61.00	15.28	59.10	14.72	55.10	13.63
	5	4.1	67.10	15.80	63.10	14.74	59.10	13.70	57.10	13.19	55.10	12.68	51.10	11.68
	7	6	63.20	13.64	59.20	12.68	55.10	11.73	53.10	11.27	51.10	10.80	47.10	9.89
	9	7.9	59.20	11.68	55.10	10.81	51.00	9.95	49.00	9.53	46.90	9.12	42.80	8.30
	11	9.8	55.00	9.90	50.90	9.13	46.80	8.36	44.70	7.99	42.60	7.61	38.50	6.88
	13	11.8	50.70	8.29	46.60	7.60	42.40	6.93	40.30	6.59	38.20	6.26	34.00	5.61
	15	13.7	46.20	6.88	42.00	6.27	37.80	5.68	35.70	5.39	33.60	5.09	29.30	4.52

7. ARUM200LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	36.80	17.95	36.50	18.09	36.30	18.23	36.20	18.30	36.00	18.37	35.80	18.50
	-24.8	-25	42.70	18.98	42.40	19.14	42.10	19.29	42.00	19.37	41.80	19.44	41.50	19.59
	-21.8	-22	46.30	19.59	46.00	19.75	45.70	19.92	45.50	20.00	45.40	20.07	45.10	20.23
	-19.8	-20	48.80	20.00	48.50	20.17	48.20	20.34	48.10	20.42	47.90	20.50	47.60	20.66
	-18.8	-19	50.20	20.21	49.80	20.39	49.50	20.55	49.30	20.64	49.20	20.72	48.90	20.88
	-16.7	-17	52.90	20.64	52.50	20.82	52.20	20.99	52.00	21.08	51.80	21.16	49.60	20.23
	-15	-15.9	54.50	20.89	54.10	21.07	53.80	21.25	53.60	21.33	53.10	21.27	49.60	19.63
	-13.7	-15	55.90	21.11	55.60	21.30	55.20	21.48	54.90	21.49	53.10	20.67	49.60	19.06
	-11.8	-13	58.70	21.53	58.30	21.72	56.70	21.23	54.90	20.46	53.10	19.69	49.60	18.18
	-9.8	-11	61.70	21.99	60.20	21.62	56.70	20.13	54.90	19.40	53.10	18.67	49.60	17.25
	-9.5	-10	63.10	22.20	60.20	21.08	56.70	19.63	54.90	18.92	53.10	18.21	49.60	16.83
	-8.5	-9.1	63.80	22.00	60.20	20.56	56.70	19.16	54.90	18.46	53.10	17.78	49.60	16.43
	-7	-7.6	63.80	21.12	60.20	19.74	56.70	18.39	54.90	17.73	53.10	17.08	49.60	15.79
	-5	-5.6	63.80	19.97	60.20	18.68	56.70	17.41	54.90	16.79	53.10	16.18	49.60	14.96
	-3	-3.7	63.80	18.93	60.20	17.72	56.70	16.52	54.90	15.93	53.10	15.35	49.60	14.21
	0	-0.7	63.80	17.41	60.20	16.30	56.70	15.22	54.90	14.68	53.10	14.15	49.60	13.11
	3	2.2	63.80	16.07	60.20	15.06	56.70	14.07	54.90	13.58	53.10	13.10	49.60	12.15
	5	4.1	60.40	14.02	56.80	13.10	53.20	12.20	51.40	11.75	49.60	11.31	46.00	10.43
	7	6	56.90	12.13	53.30	11.29	49.60	10.47	47.80	10.06	46.00	9.66	42.40	8.87
	9	7.9	53.20	10.41	49.60	9.66	45.90	8.91	44.10	8.55	42.30	8.18	38.60	7.46
	11	9.8	49.50	8.86	45.80	8.18	42.10	7.52	40.20	7.19	38.40	6.86	34.60	6.22
	13	11.8	45.60	7.45	41.90	6.85	38.20	6.25	36.30	5.96	34.40	5.67	30.60	5.10
	15	13.7	41.60	6.21	37.80	5.68	34.10	5.16	32.10	4.90	30.20	4.64	26.30	4.14
80	-30	-30.2	36.50	18.12	36.20	18.26	36.00	18.40	35.90	18.46	35.80	18.53	35.50	18.66
	-24.8	-25	42.30	19.20	42.00	19.36	41.70	19.51	41.60	19.58	41.40	19.65	41.20	19.80
	-21.8	-22	45.80	19.85	45.50	20.01	45.20	20.16	45.10	20.24	44.90	20.32	44.10	20.11
	-19.8	-20	48.30	20.28	48.00	20.45	47.70	20.61	47.50	20.69	47.20	20.67	44.10	19.10
	-18.8	-19	49.60	20.51	49.30	20.67	49.00	20.84	48.80	20.92	47.20	20.15	44.10	18.62
	-16.7	-17	52.20	20.96	51.90	21.13	50.40	20.60	48.80	19.86	47.20	19.13	44.10	17.68
	-15	-15.9	53.80	21.23	53.50	21.40	50.40	19.99	48.80	19.27	47.20	18.56	44.10	17.16
	-13.7	-15	55.20	21.47	53.50	20.85	50.40	19.41	48.80	18.70	47.20	18.00	44.10	16.63
	-11.8	-13	56.70	21.23	53.50	19.86	50.40	18.51	48.80	17.85	47.20	17.20	44.10	15.89
	-9.8	-11	56.70	20.13	53.50	18.83	50.40	17.57	48.80	16.94	47.20	16.32	44.10	15.11
	-9.5	-10	56.70	19.63	53.50	18.37	50.40	17.14	48.80	16.53	47.20	15.93	44.10	14.75
	-8.5	-9.1	56.70	19.16	53.50	17.93	50.40	16.73	48.80	16.14	47.20	15.55	44.10	14.40
	-7	-7.6	56.70	18.39	53.50	17.22	50.40	16.07	48.80	15.51	47.20	14.95	44.10	13.84
	-5	-5.6	56.70	17.41	53.50	16.31	50.40	15.23	48.80	14.70	47.20	14.17	44.10	13.13
	-3	-3.7	56.70	16.52	53.50	15.48	50.40	14.46	48.80	13.96	47.20	13.47	44.10	12.49
	0	-0.7	56.70	15.22	53.50	14.27	50.40	13.34	48.80	12.89	47.20	12.43	44.10	11.54
	3	2.2	56.70	14.07	53.50	13.20	50.40	12.36	48.80	11.94	47.20	11.52	44.10	10.71
	5	4.1	53.70	12.31	50.50	11.52	47.30	10.74	45.70	10.36	44.10	9.97	40.90	9.22
	7	6	50.50	10.68	47.30	9.96	44.10	9.25	42.50	8.90	40.90	8.55	37.60	7.87
	9	7.9	47.30	9.19	44.10	8.54	40.80	7.90	39.20	7.59	37.60	7.27	34.30	6.65
	11	9.8	44.00	7.85	40.70	7.27	37.40	6.70	35.80	6.41	34.10	6.13	30.80	5.57
	13	11.8	40.50	6.63	37.20	6.11	33.90	5.60	32.20	5.35	30.60	5.10	27.20	4.60
	15	13.7	37.00	5.56	33.60	5.10	30.30	4.65	28.60	4.43	26.90	4.20	23.40	3.76
70	-30	-30.2	36.10	18.34	35.90	18.47	35.60	18.60	35.50	18.67	35.40	18.74	35.20	18.86

7. ARUM200LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	41.70	19.48	41.50	19.63	41.20	19.77	41.10	19.84	41.00	19.91	38.60	18.66
	-21.8	-22	45.20	20.17	44.90	20.32	44.10	20.11	42.70	19.39	41.30	18.68	38.60	17.29
	-19.8	-20	47.70	20.63	46.90	20.48	44.10	19.10	42.70	18.42	41.30	17.75	38.60	16.43
	-18.8	-19	48.90	20.87	46.90	19.95	44.10	18.62	42.70	17.96	41.30	17.31	38.60	16.02
	-16.7	-17	49.60	20.23	46.90	18.94	44.10	17.68	42.70	17.06	41.30	16.44	38.60	15.23
	-15	-15.9	49.60	19.63	46.90	18.38	44.10	17.16	42.70	16.55	41.30	15.94	38.60	14.75
	-13.7	-15	49.60	19.06	46.90	17.83	44.10	16.63	42.70	16.04	41.30	15.45	38.60	14.30
	-11.8	-13	49.60	18.18	46.90	17.03	44.10	15.89	42.70	15.32	41.30	14.77	38.60	13.67
	-9.8	-11	49.60	17.25	46.90	16.17	44.10	15.11	42.70	14.58	41.30	14.07	38.60	13.04
	-9.5	-10	49.60	16.83	46.90	15.78	44.10	14.75	42.70	14.24	41.30	13.73	38.60	12.74
	-8.5	-9.1	49.60	16.43	46.90	15.41	44.10	14.40	42.70	13.90	41.30	13.41	38.60	12.44
	-7	-7.6	49.60	15.79	46.90	14.81	44.10	13.84	42.70	13.37	41.30	12.90	38.60	11.97
	-5	-5.6	49.60	14.96	46.90	14.04	44.10	13.14	42.70	12.69	41.30	12.25	38.60	11.37
	-3	-3.7	49.60	14.21	46.90	13.34	44.10	12.49	42.70	12.07	41.30	11.65	38.60	10.82
	0	-0.7	49.60	13.11	46.90	12.32	44.10	11.54	42.70	11.16	41.30	10.78	38.60	10.02
	3	2.2	49.60	12.15	46.90	11.42	44.10	10.71	42.70	10.36	41.30	10.01	38.60	9.32
	5	4.1	47.00	10.66	44.20	9.99	41.40	9.33	40.00	9.01	38.60	8.69	35.80	8.05
	7	6	44.20	9.27	41.40	8.67	38.60	8.07	37.20	7.77	35.80	7.48	32.90	6.90
	9	7.9	41.40	8.02	38.60	7.47	35.70	6.93	34.30	6.66	32.90	6.39	30.00	5.87
	11	9.8	38.50	6.88	35.60	6.39	32.80	5.90	31.30	5.66	29.90	5.42	26.90	4.94
	13	11.8	35.50	5.84	32.60	5.40	29.70	4.97	28.20	4.75	26.70	4.54	23.80	4.12
	15	13.7	32.40	4.93	29.40	4.54	26.50	4.15	25.00	3.96	23.50	3.78	20.50	3.40
60	-30	-30.2	35.60	18.62	35.40	18.75	35.20	18.87	35.00	18.94	34.90	19.00	33.10	17.93
	-24.8	-25	41.10	19.84	40.20	19.52	37.80	18.23	36.60	17.60	35.40	16.97	33.10	15.72
	-21.8	-22	42.50	19.29	40.20	18.08	37.80	16.90	36.60	16.31	35.40	15.73	33.10	14.58
	-19.8	-20	42.50	18.33	40.20	17.19	37.80	16.06	36.60	15.51	35.40	14.96	33.10	13.87
	-18.8	-19	42.50	17.87	40.20	16.75	37.80	15.66	36.60	15.12	35.40	14.59	33.10	13.53
	-16.7	-17	42.50	16.97	40.20	15.92	37.80	14.88	36.60	14.37	35.40	13.87	33.10	12.87
	-15	-15.9	42.50	16.46	40.20	15.43	37.80	14.42	36.60	13.92	35.40	13.43	33.10	12.45
	-13.7	-15	42.50	15.96	40.20	14.96	37.80	13.98	36.60	13.50	35.40	13.02	33.10	12.08
	-11.8	-13	42.50	15.24	40.20	14.29	37.80	13.36	36.60	12.90	35.40	12.45	33.10	11.55
	-9.8	-11	42.50	14.51	40.20	13.63	37.80	12.74	36.60	12.30	35.40	11.87	33.10	11.02
	-9.5	-10	42.50	14.16	40.20	13.30	37.80	12.46	36.60	12.04	35.40	11.62	33.10	10.81
	-8.5	-9.1	42.50	13.83	40.20	12.99	37.80	12.17	36.60	11.76	35.40	11.36	33.10	10.56
	-7	-7.6	42.50	13.30	40.20	12.50	37.80	11.71	36.60	11.32	35.40	10.94	33.10	10.17
	-5	-5.6	42.50	12.62	40.20	11.87	37.80	11.13	36.60	10.76	35.40	10.40	33.10	9.68
	-3	-3.7	42.50	12.01	40.20	11.29	37.80	10.59	36.60	10.25	35.40	9.90	33.10	9.22
	0	-0.7	42.50	11.10	40.20	10.45	37.80	9.81	36.60	9.49	35.40	9.18	33.10	8.56
	3	2.2	42.50	10.31	40.20	9.71	37.80	9.12	36.60	8.83	35.40	8.55	33.10	7.98
	5	4.1	40.20	9.07	37.90	8.52	35.50	7.98	34.30	7.71	33.10	7.45	30.70	6.92
	7	6	37.90	7.92	35.50	7.42	33.10	6.93	31.90	6.69	30.70	6.45	28.20	5.97
	9	7.9	35.50	6.88	33.10	6.43	30.60	5.98	29.40	5.76	28.20	5.54	25.70	5.11
	11	9.8	33.00	5.94	30.50	5.53	28.10	5.13	26.80	4.93	25.60	4.73	23.10	4.34
	13	11.8	30.40	5.08	27.90	4.71	25.40	4.35	24.20	4.17	22.90	4.00	20.40	3.64
	15	13.7	27.70	4.32	25.20	3.99	22.70	3.67	21.40	3.52	20.10	3.36	17.60	3.05
50	-30	-30.2	34.90	18.99	33.50	18.17	31.50	16.99	30.50	16.41	29.50	15.83	27.60	14.69
	-24.8	-25	35.40	16.97	33.50	15.93	31.50	14.91	30.50	14.40	29.50	13.90	27.60	12.91

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	35.40	15.73	33.50	14.77	31.50	13.83	30.50	13.37	29.50	12.91	27.60	12.00
	-19.8	-20	35.40	14.96	33.50	14.05	31.50	13.16	30.50	12.72	29.50	12.29	27.60	11.42
	-18.8	-19	35.40	14.59	33.50	13.71	31.50	12.84	30.50	12.41	29.50	11.99	27.60	11.15
	-16.7	-17	35.40	13.87	33.50	13.04	31.50	12.22	30.50	11.81	29.50	11.41	27.60	10.62
	-15	-15.9	35.40	13.43	33.50	12.61	31.50	11.82	30.50	11.42	29.50	11.03	27.60	10.26
	-13.7	-15	35.40	13.02	33.50	12.23	31.50	11.46	30.50	11.08	29.50	10.70	27.60	9.95
	-11.8	-13	35.40	12.45	33.50	11.70	31.50	10.96	30.50	10.60	29.50	10.24	27.60	9.53
	-9.8	-11	35.40	11.87	33.50	11.16	31.50	10.46	30.50	10.12	29.50	9.77	27.60	9.10
	-9.5	-10	35.40	11.62	33.50	10.94	31.50	10.27	30.50	9.94	29.50	9.61	27.60	8.96
	-8.5	-9.1	35.40	11.36	33.50	10.70	31.50	10.04	30.50	9.72	29.50	9.40	27.60	8.76
	-7	-7.6	35.40	10.94	33.50	10.30	31.50	9.67	30.50	9.36	29.50	9.06	27.60	8.45
	-5	-5.6	35.40	10.40	33.50	9.80	31.50	9.20	30.50	8.91	29.50	8.62	27.60	8.05
	-3	-3.7	35.40	9.90	33.50	9.34	31.50	8.78	30.50	8.50	29.50	8.23	27.60	7.69
	0	-0.7	35.40	9.18	33.50	8.66	31.50	8.15	30.50	7.90	29.50	7.65	27.60	7.15
	3	2.2	35.40	8.55	33.50	8.07	31.50	7.60	30.50	7.37	29.50	7.14	27.60	6.69
	5	4.1	33.50	7.55	31.60	7.11	29.60	6.68	28.60	6.47	27.60	6.25	25.60	5.83
	7	6	31.60	6.63	29.60	6.23	27.60	5.84	26.60	5.64	25.60	5.45	23.50	5.06
	9	7.9	29.60	5.79	27.60	5.43	25.50	5.07	24.50	4.90	23.50	4.72	21.40	4.37
	11	9.8	27.50	5.04	25.50	4.71	23.40	4.38	22.40	4.22	21.30	4.06	19.20	3.75
	13	11.8	25.30	4.34	23.30	4.05	21.20	3.76	20.10	3.61	19.10	3.47	17.00	3.19
	15	13.7	23.10	3.73	21.00	3.47	18.90	3.21	17.90	3.08	16.80	2.95	14.60	2.70

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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7.8 Capacity Correction Factor

7.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

7.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

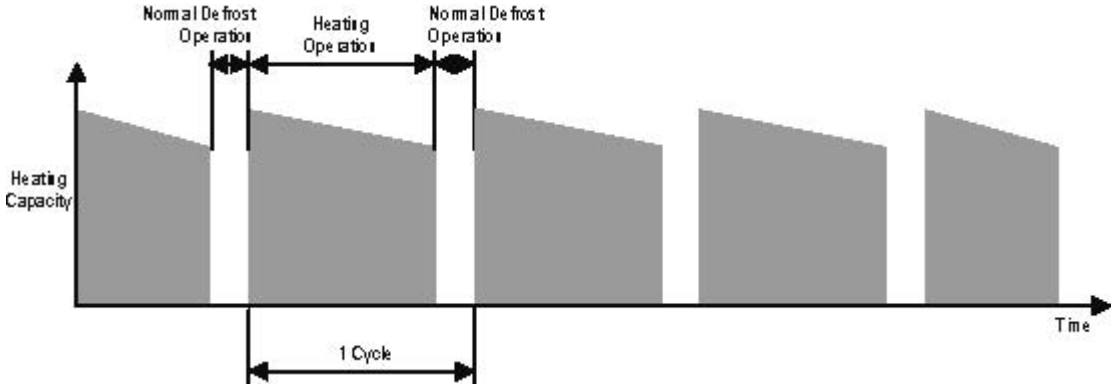
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

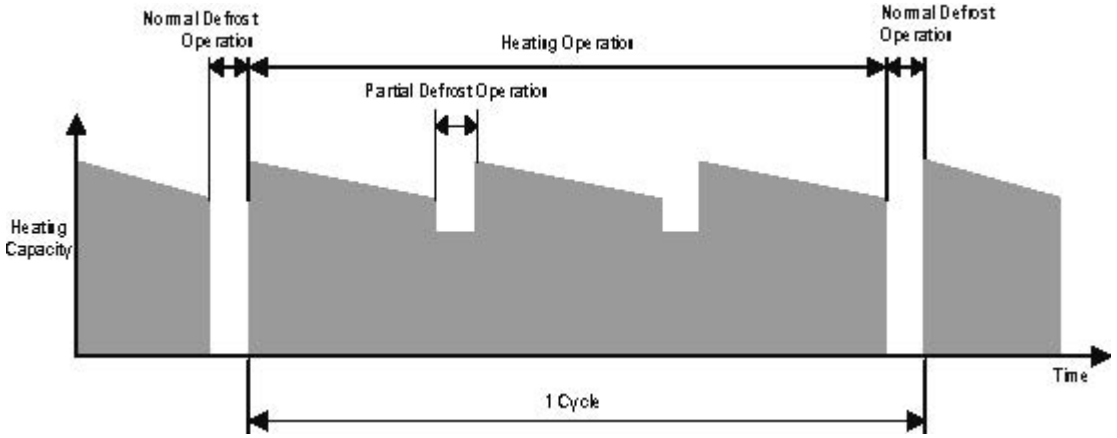
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

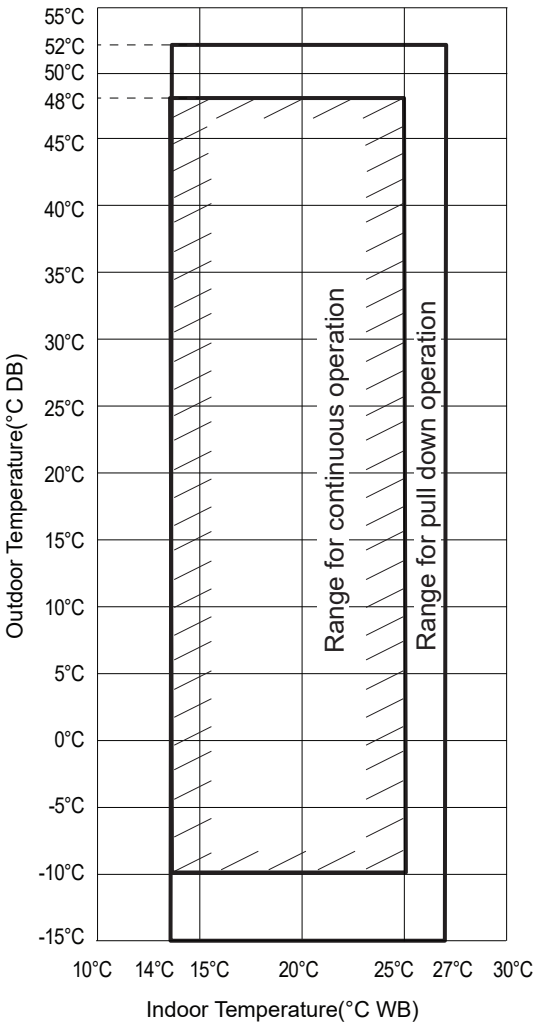


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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7.9 Operation Limits

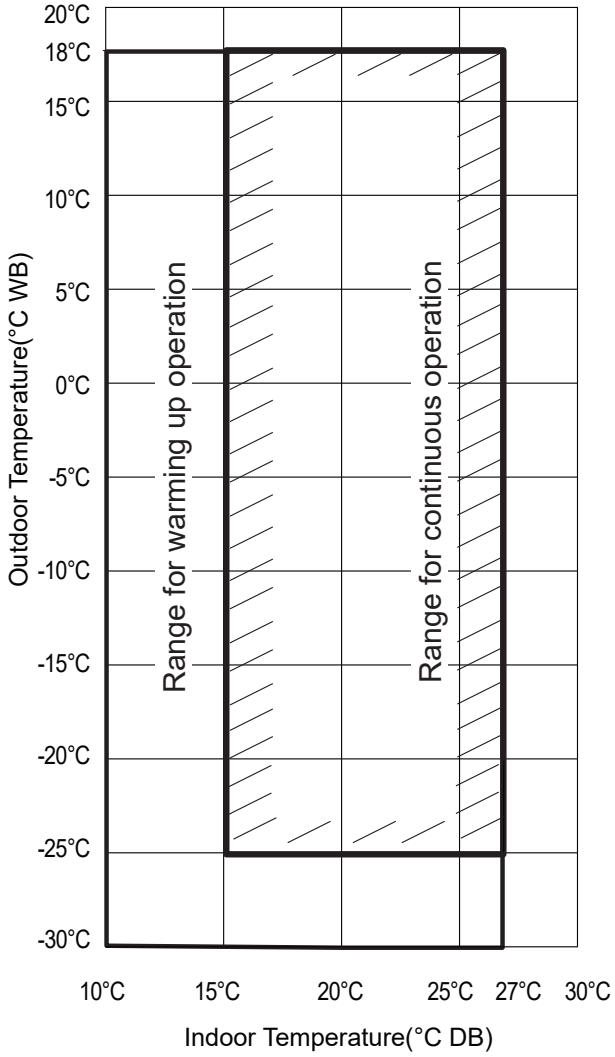
7.9.1 Cooling



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

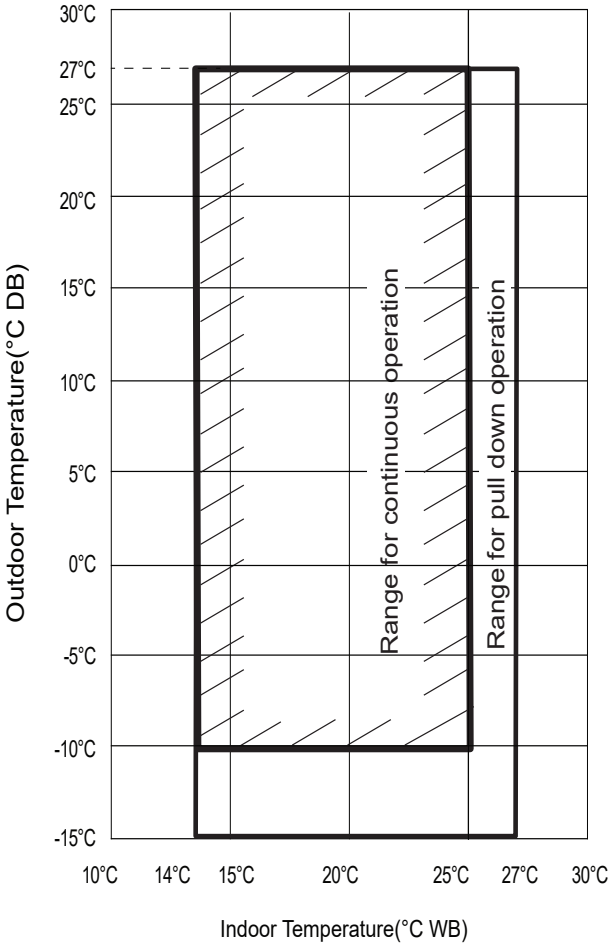
7.9.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

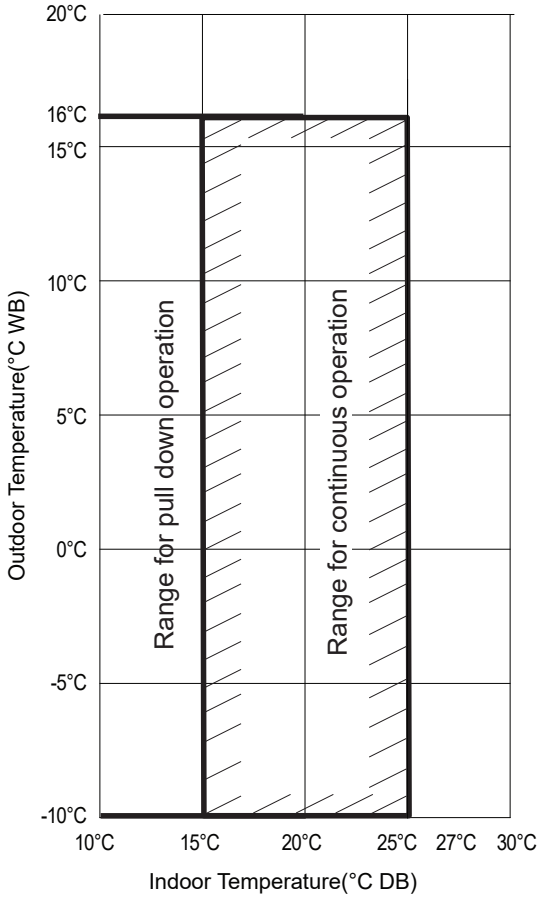
7.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

7.9.4 Simultaneous Operation (Heating)



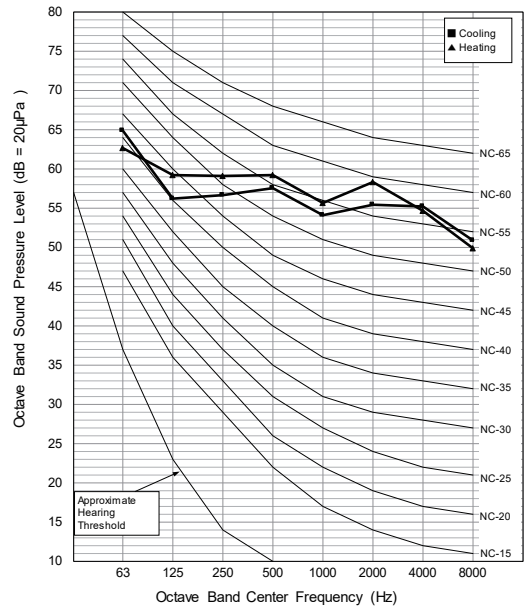
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

7. ARUM200LTE6

7.10 Sound Levels

7.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	64.8	56.3	56.7	57.6	54.1	55.4	55.2	50.8	*62.0*
Heating [dB]	62.6	59.2	59.1	59.2	55.6	58.3	54.7	49.9	*63.5*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	60.5	61.0	85	85
op4~op6, op11	59.0	59.0	75	75
op7~op9, op12	57.0	57.0	60	60

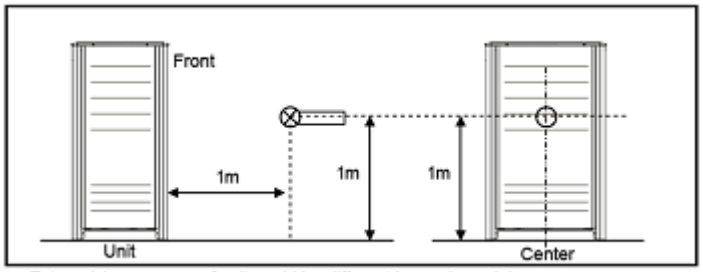
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	100
op3	60	80
op4	55	45
op5	50	30

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	62.0 / 63.5

Note

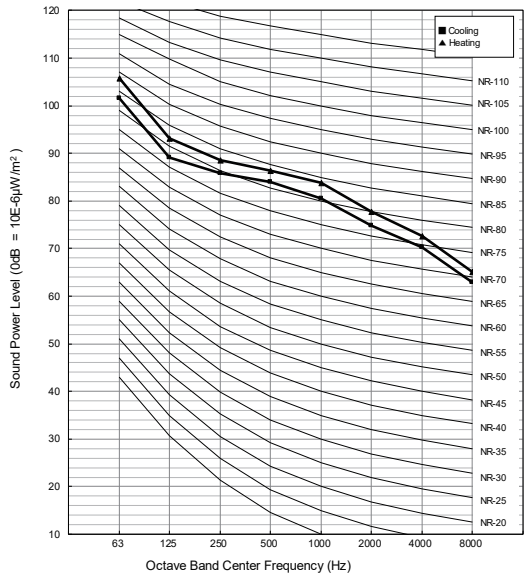
- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

<Measurement Scene>



※ External Appearance of unit could be different by each model.

7.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	101.6	89.2	85.8	84.0	80.5	74.9	70.3	62.9	*86.0*
Heating [dB]	105.8	93.1	85.8	84.0	80.5	74.9	70.3	62.9	*89.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	83.0	83.0	85	85
op4~op6, op11	81.0	81.0	75	75
op7~op9, op12	79.0	79.0	60	60

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	86.0 / 89.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

8. ARUM220LTE6

8.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC
	Combination Unit (1)	-	ARUM220LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	35.94 - 34.14 - 32.91
	Running Current by Voltage (Heating,Rated)	A	26.07 - 24.77 - 23.87
Cooling Capacity	Rated	kW	61.6
		Btu/h	210,200
Heating Capacity	Rated	kW	61.6
		Btu/h	210,200
	Max	kW	69.3
		Btu/h	236,500
Power Input(Cooling)	Rated	kW	22.00
Power Input(Heating)	Rated	kW	15.96
Efficiency	EER(Rated)	W/W	2.80
	COP(Rated)	W/W	3.86
	SEER	Wh/Wh	7.20
	SCOP	Wh/Wh	4.62
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	430 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	1,500 x 2
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 x 2
	Number of Revolution	rev./min	3,600 x 2
	Motor Output	W x No.	5,300 x 2
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,640 x 1,745 x 760
	Shipping(W x H x D)	mm	1,675 x 1,919 x 802
Weight	Net	kg	362
	Shipping	kg	372
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	16.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	33.400
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ15.88 (5/8)
	Gas	mm(inch)	Φ28.58 (1-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	64.0 / 66.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	84.0 / 88.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	48.0
	Maximum Fuse Amperes (MFA)	A	63.0
	Total Over Current Amperes (TOCA)	A	54.0
	Comp_Maximum Starting Current (MSC)	A	11.8
	Comp_Rated Load Amperes (Cooling)	A	30.9
	Comp_Rated Load Amperes (Heating)	A	21.1
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	35(56)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

8. ARUM220LTE6

8.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

8. ARUM220LTE6

8.3 Accessory Compatibility List

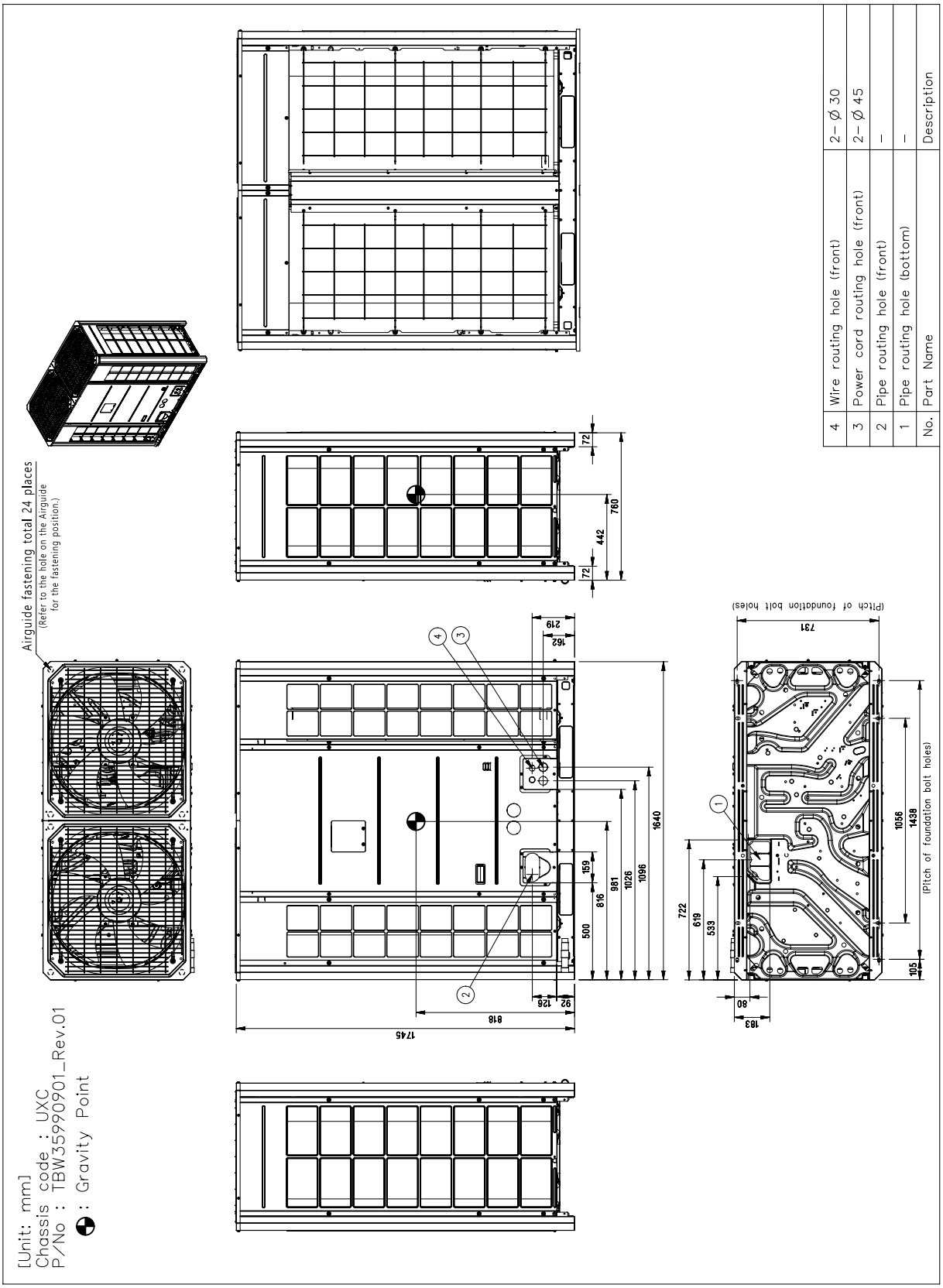
Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

8. ARUM220LTE6

8.4 Dimensions

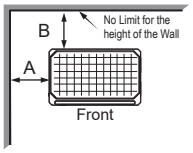
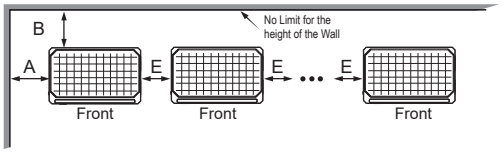
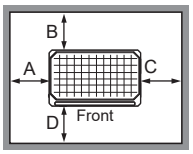
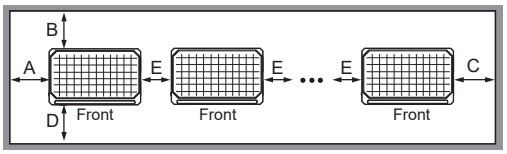
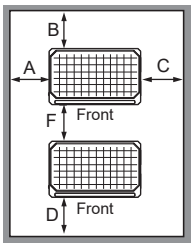
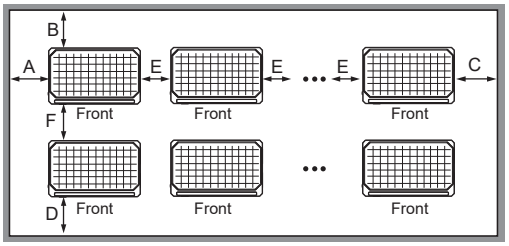
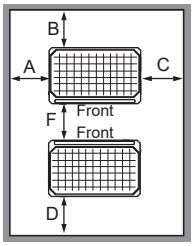


No.	Part Name	Description
4	Wire routing hole (front)	2– Ø 30
3	Power cord routing hole (front)	2– Ø 45
2	Pipe routing hole (front)	–
1	Pipe routing hole (bottom)	–

8. ARUM220LTE6

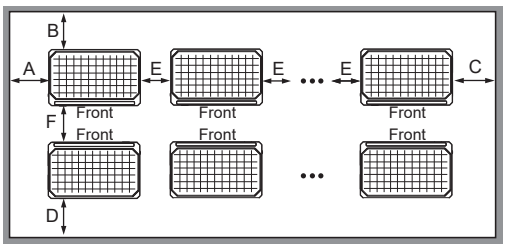
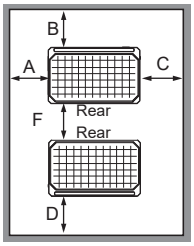
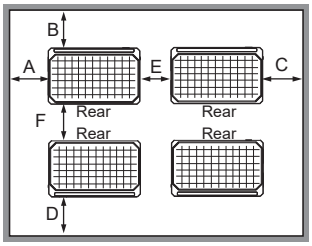
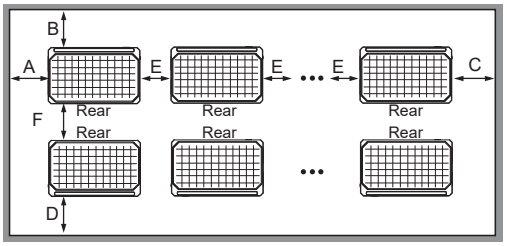
8.4.2 Installation Space

[Unit : mm(inch)]

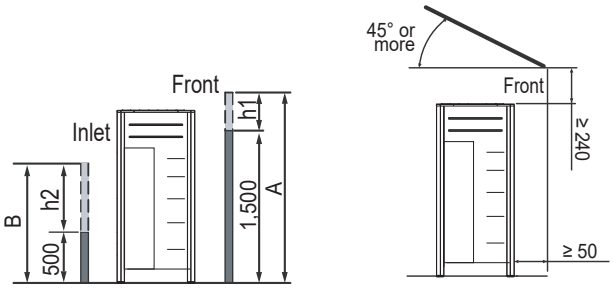
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

8. ARUM220LTE6

[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

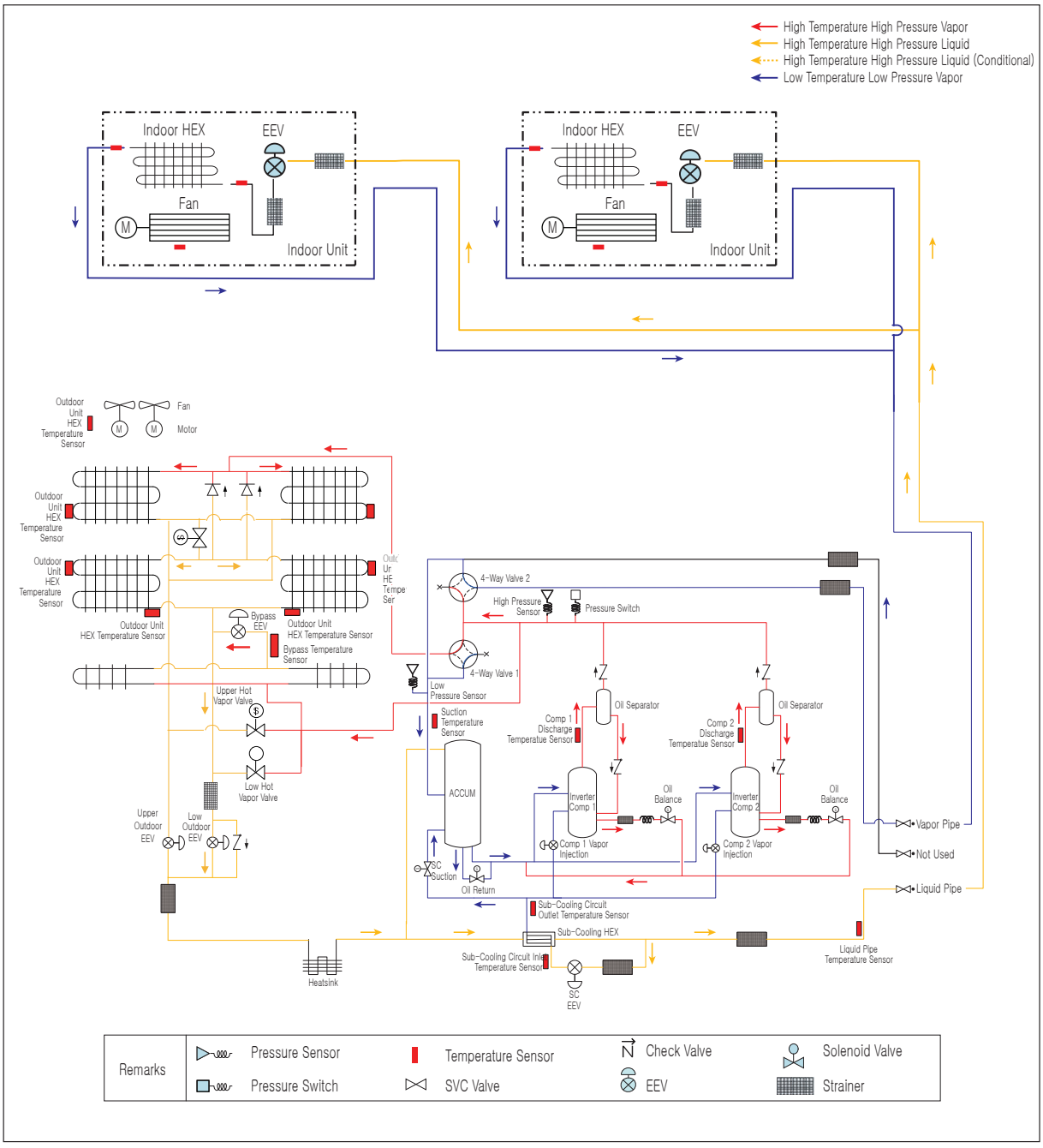
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

8. ARUM220LTE6

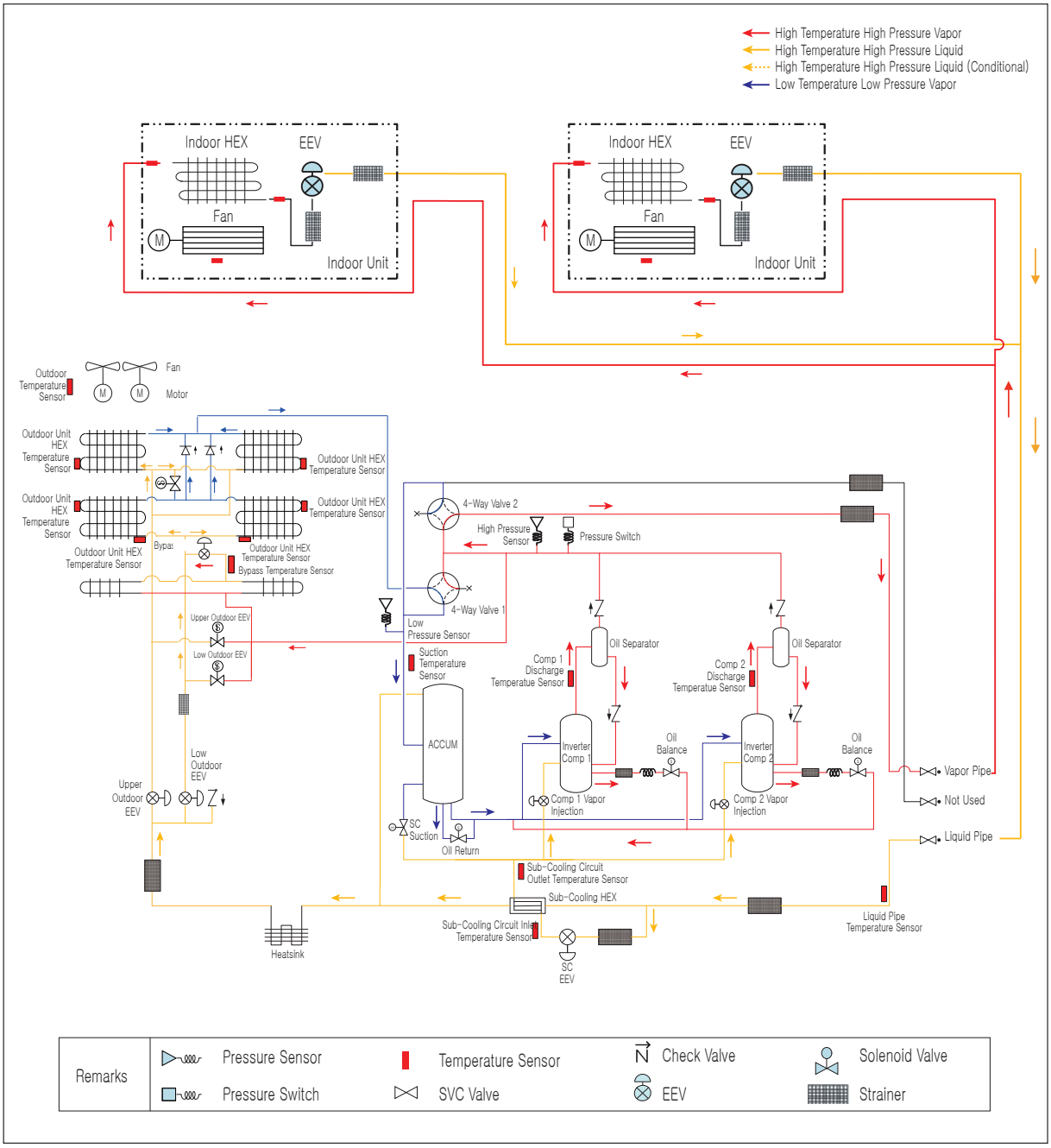
8.5 Piping Diagrams

8.5.1 Heat Pump : Cooling



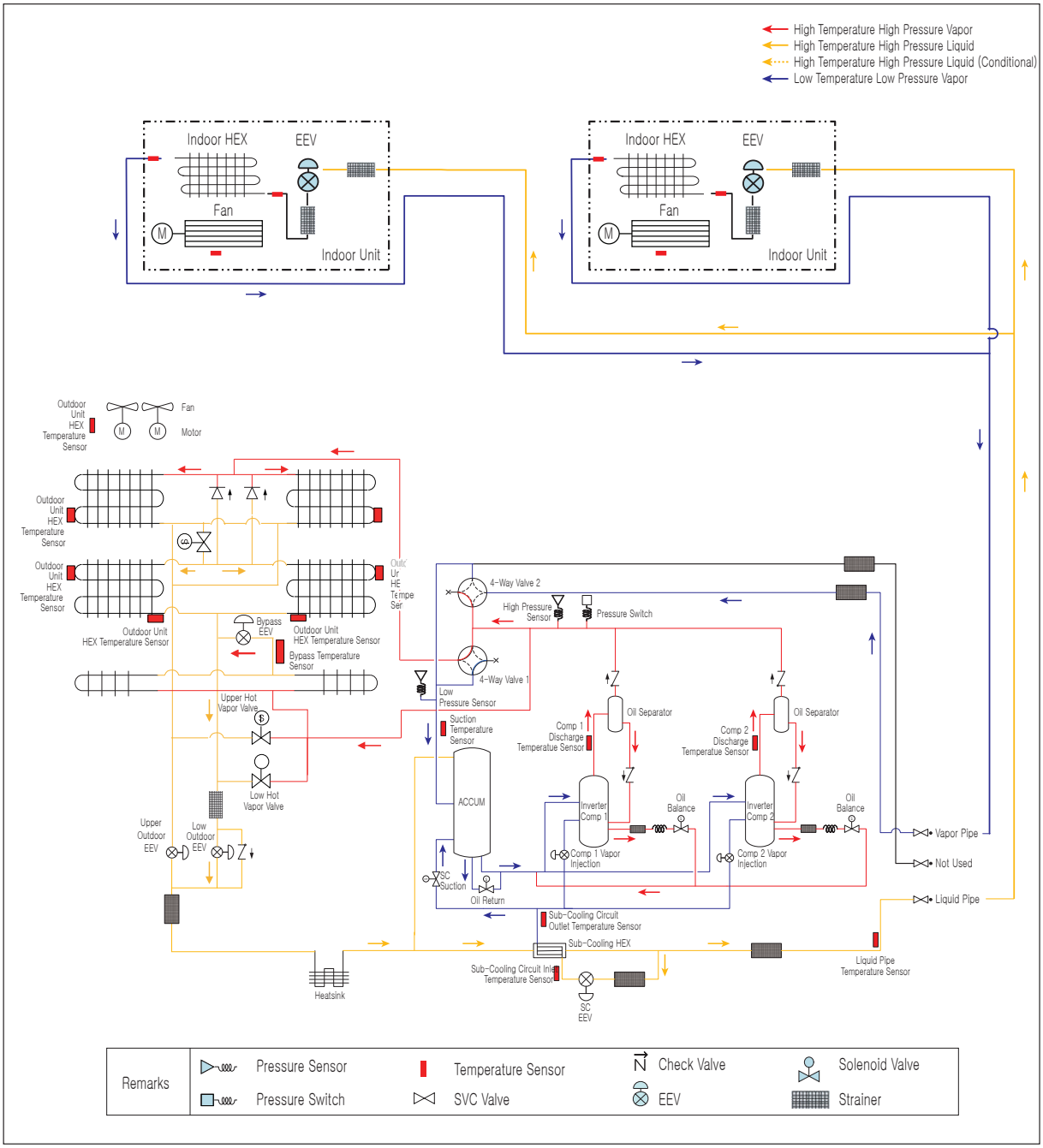
8. ARUM220LTE6

8.5.2 Heat Pump : Heating



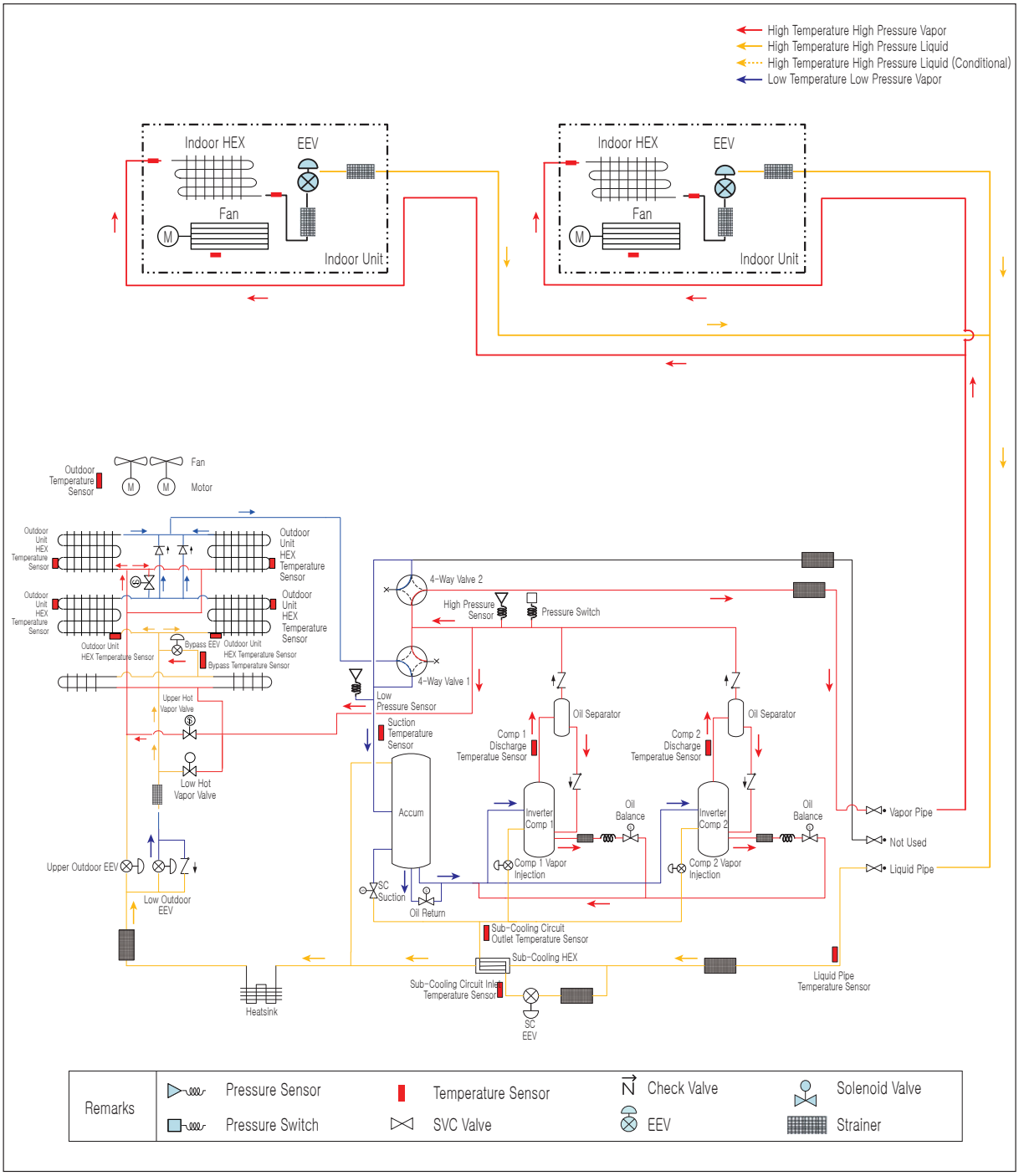
8. ARUM220LTE6

8.5.3 Heat Pump : Defrost / Oil Return



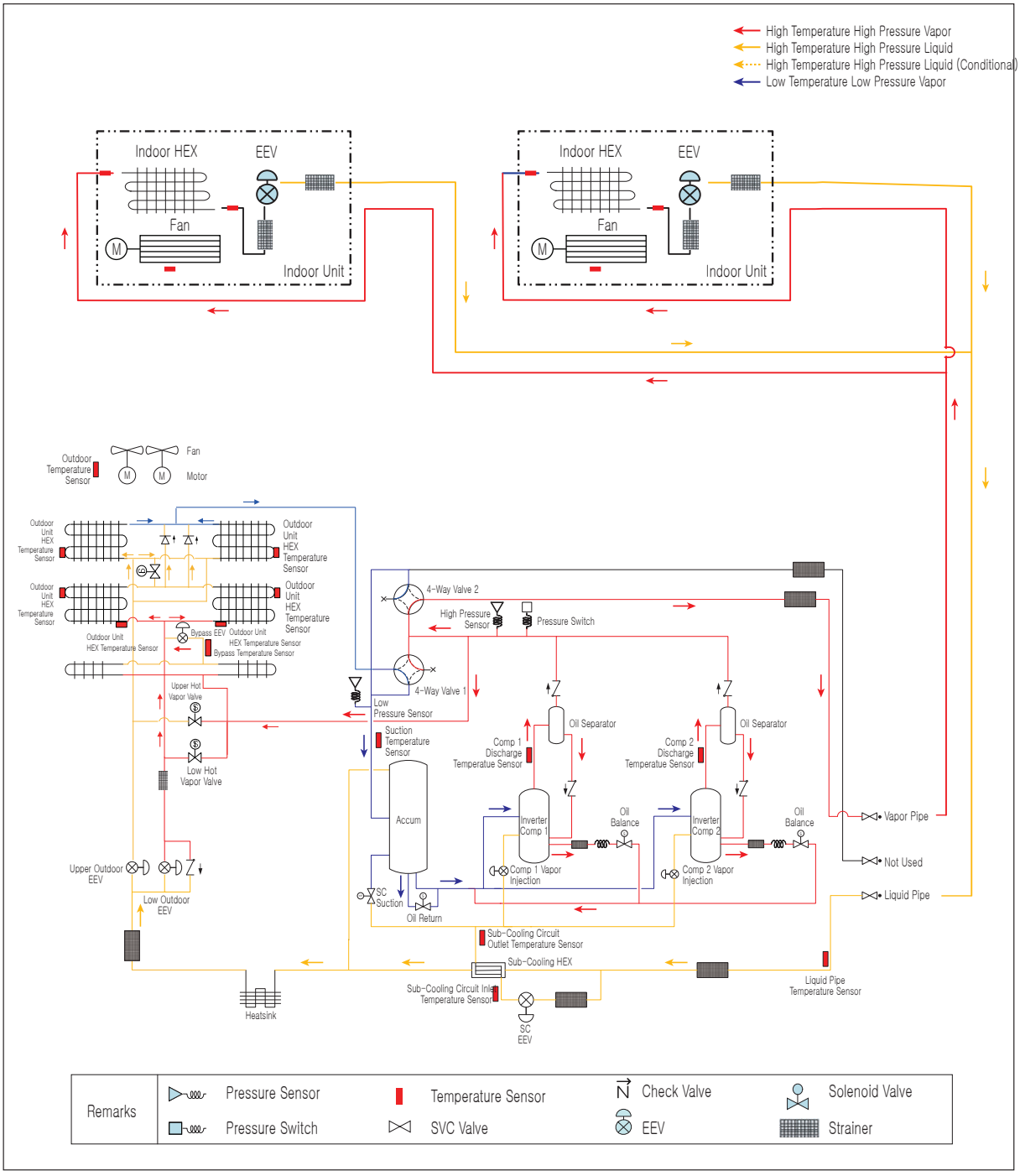
8. ARUM220LTE6

8.5.4 Heat Pump : Upper HEX Defrost



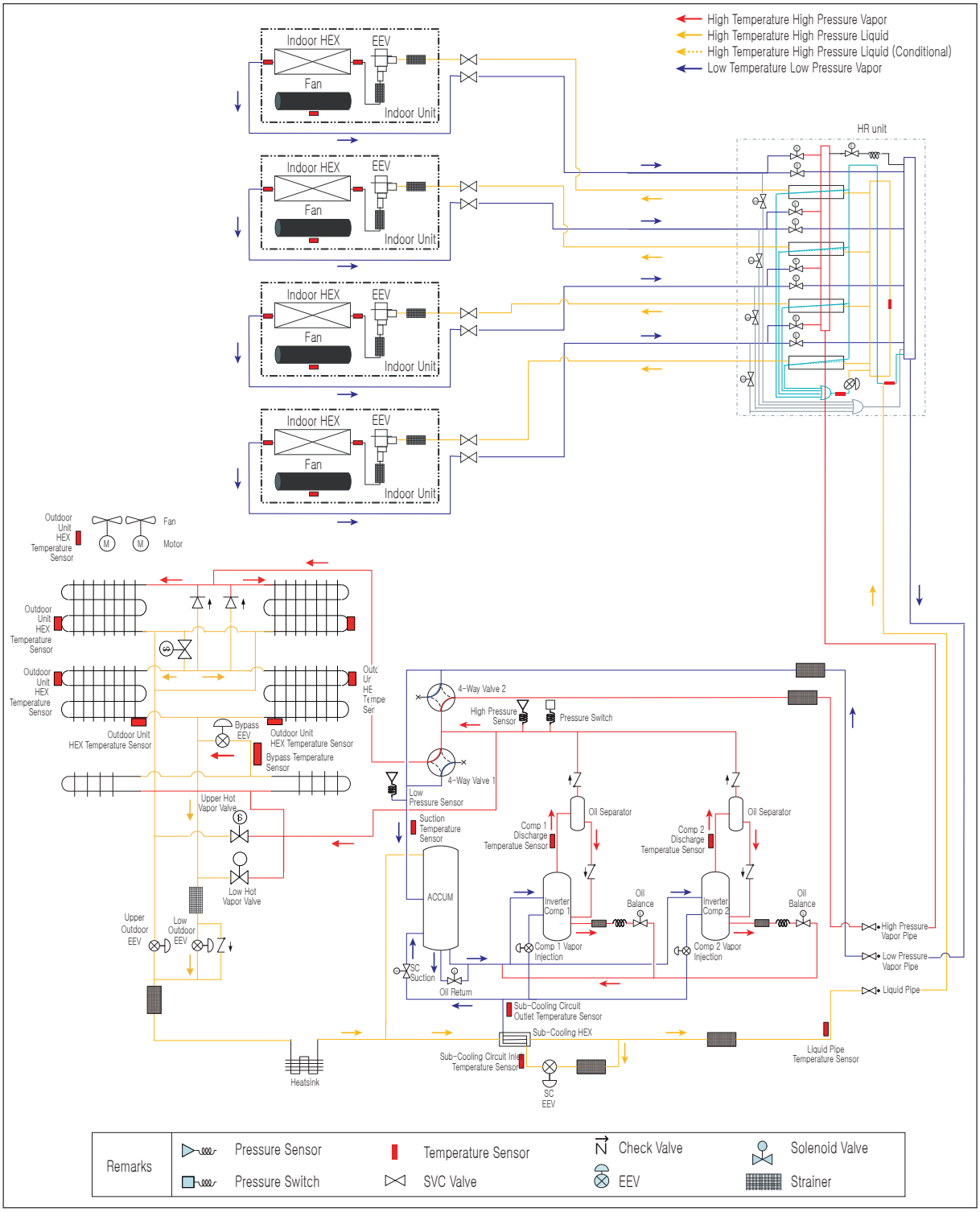
8. ARUM220LTE6

8.5.5 Heat Pump : Lower HEX Defrost



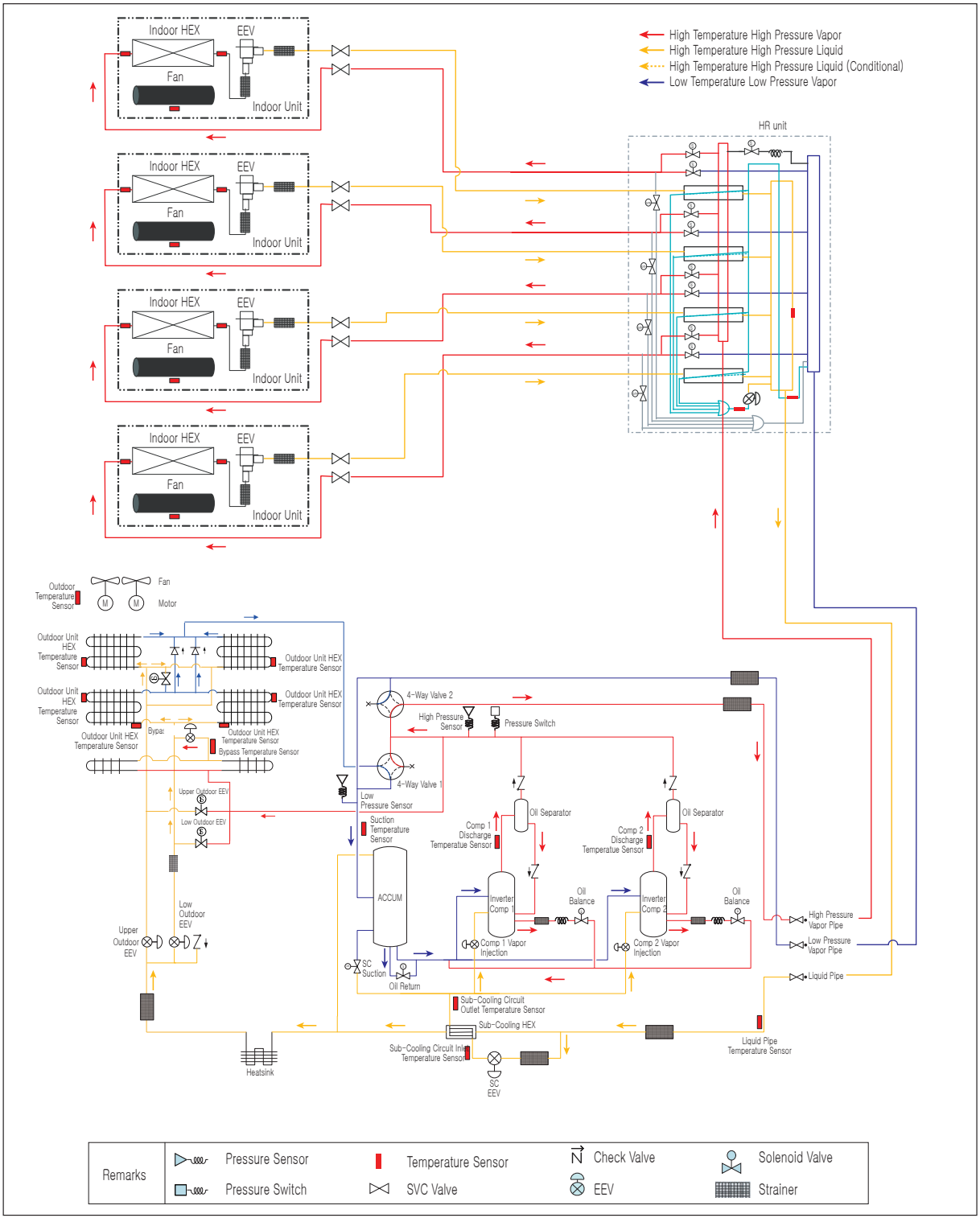
8. ARUM220LTE6

8.5.6 Heat Recovery : Cooling



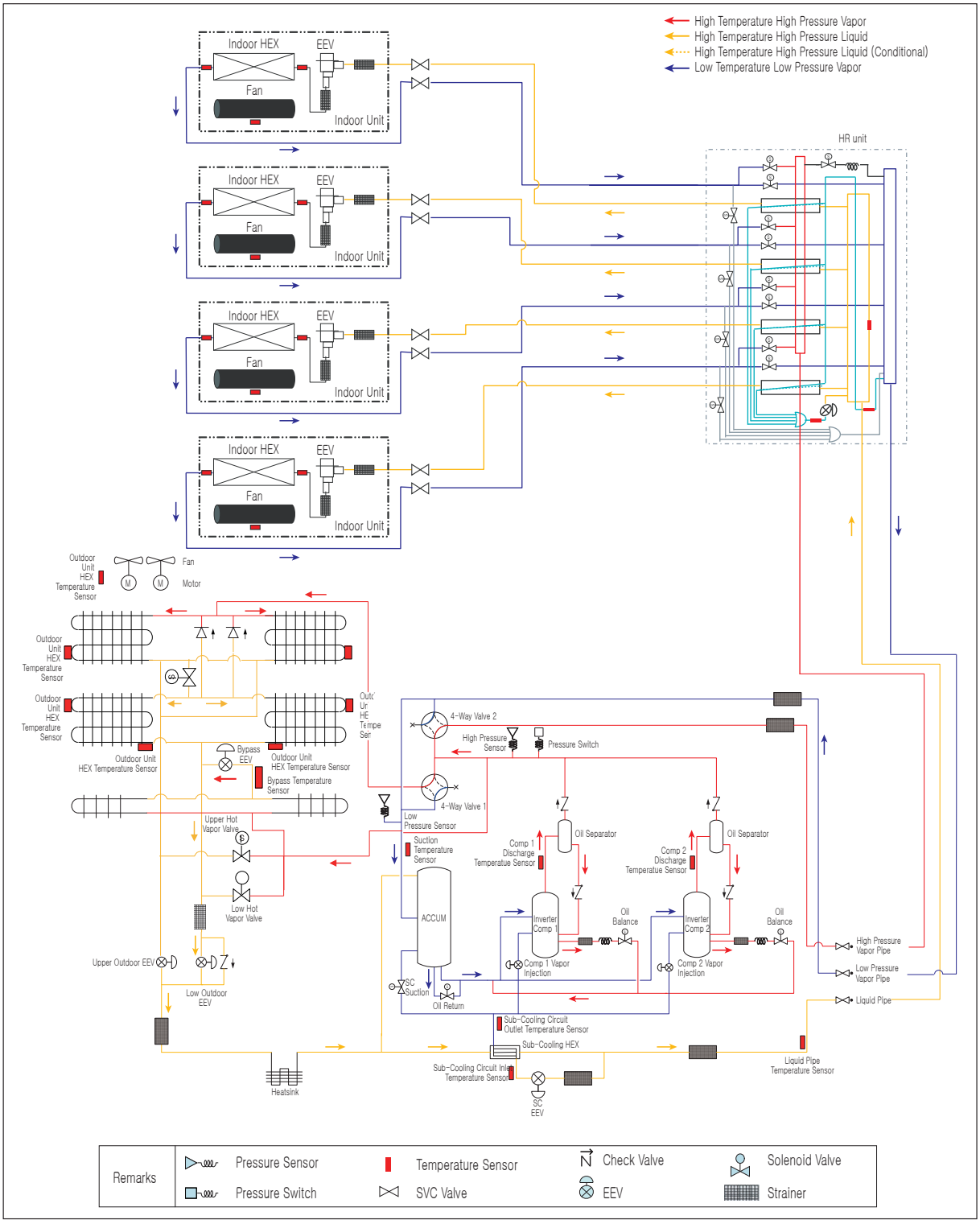
8. ARUM220LTE6

8.5.7 Heat Recovery : Heating



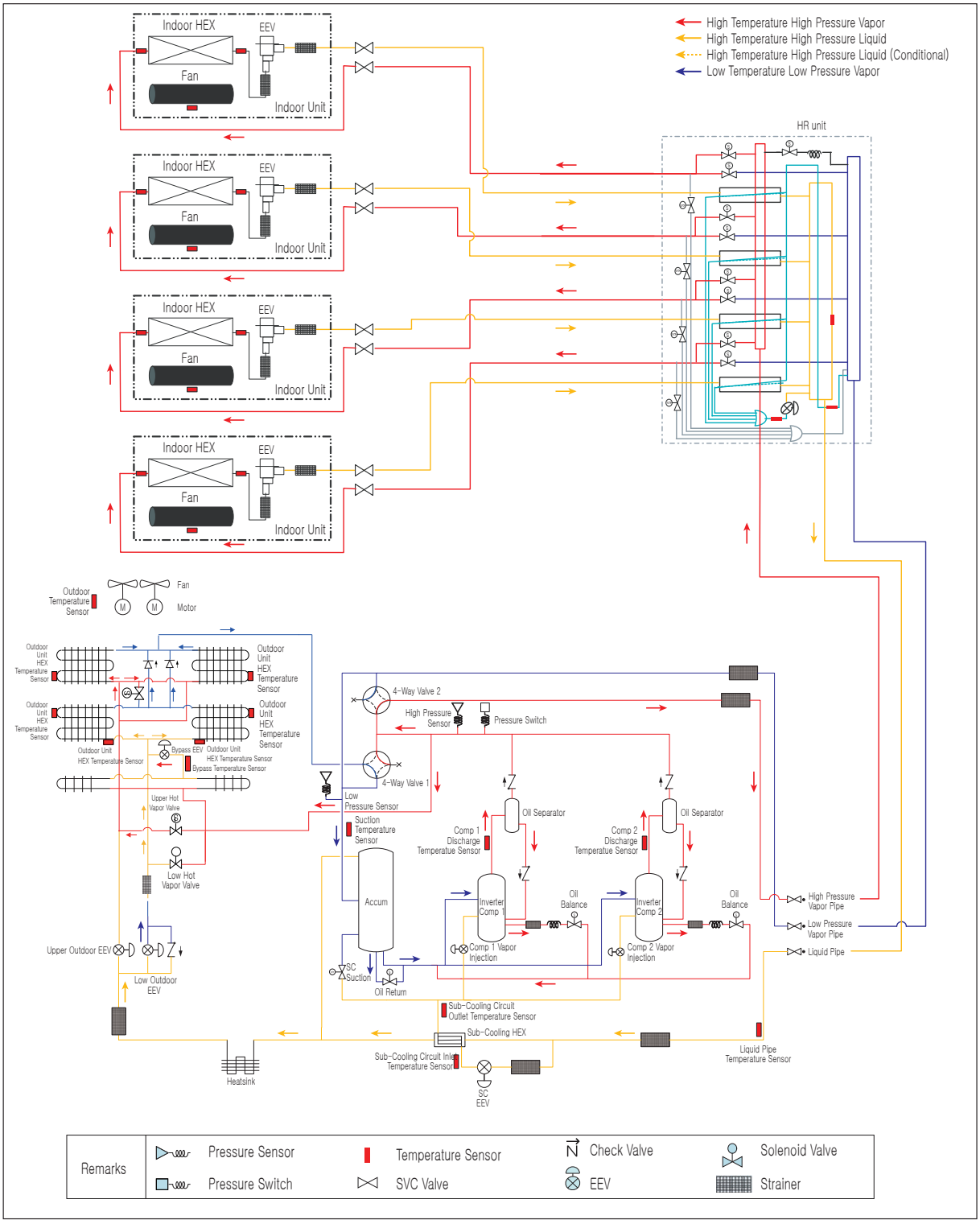
8. ARUM220LTE6

8.5.8 Heat Recovery : Defrost / Oil Return



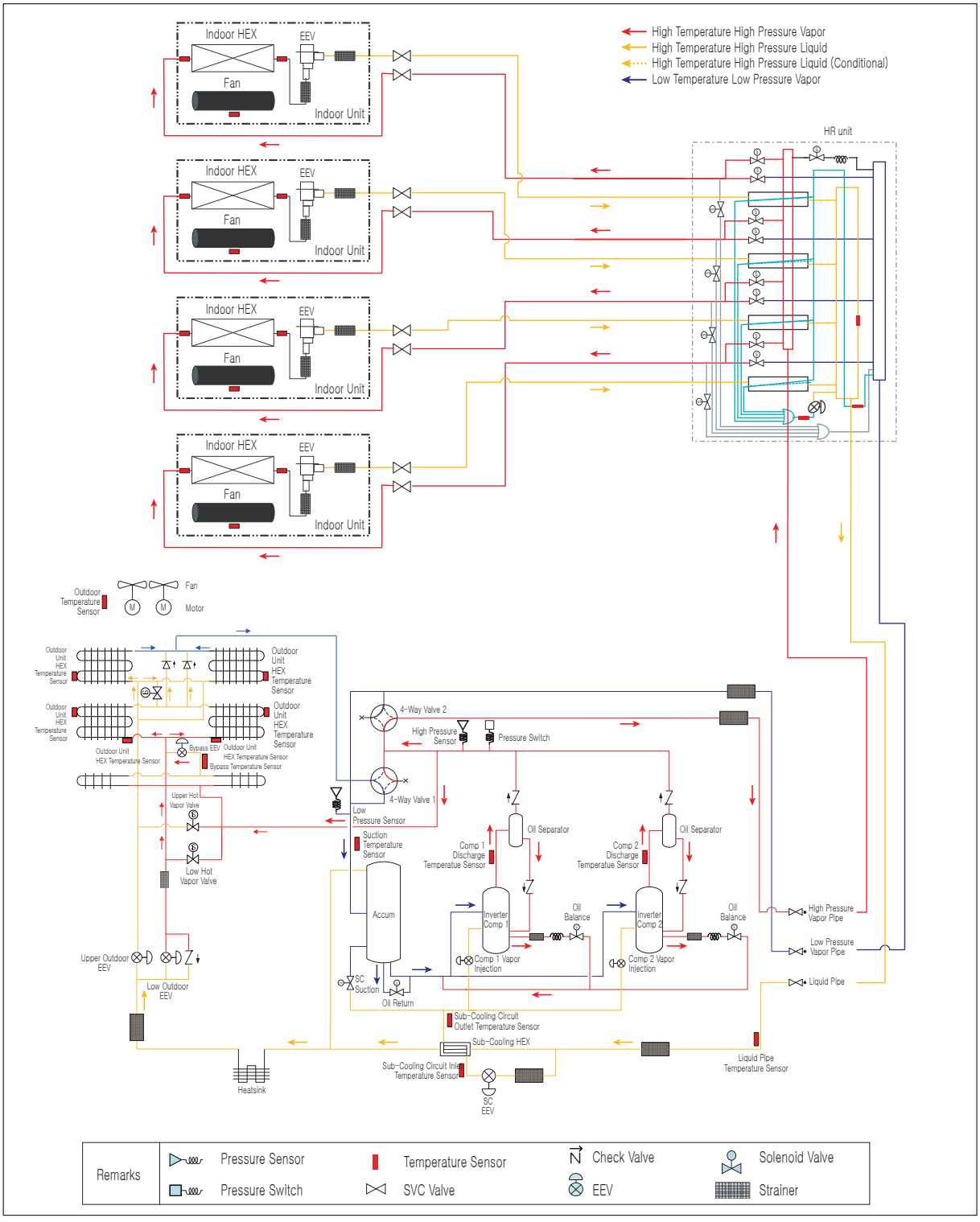
8. ARUM220LTE6

8.5.9 Heat Recovery : Upper HEX Defrost



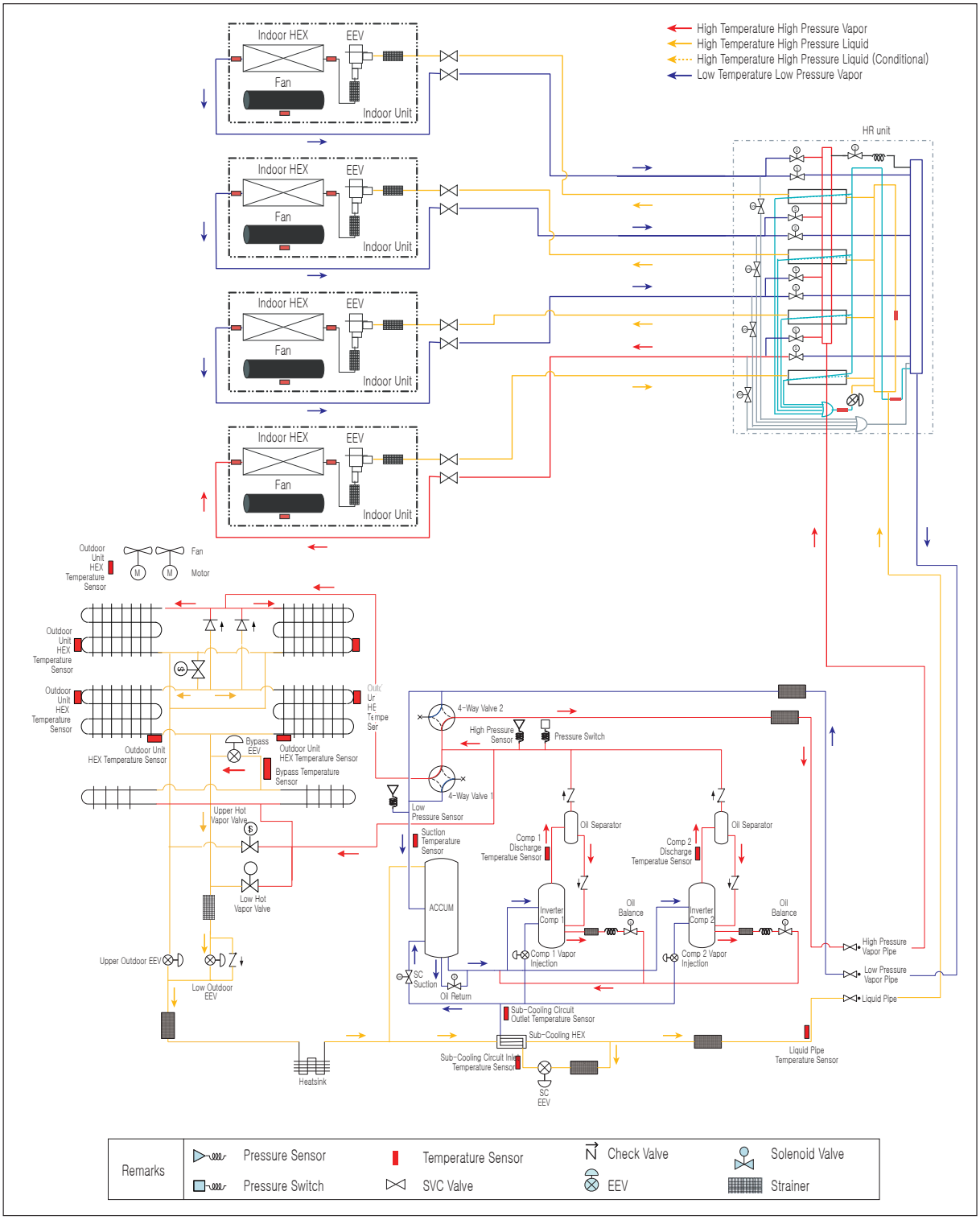
8. ARUM220LTE6

8.5.10 Heat Recovery : Lower HEX Defrost



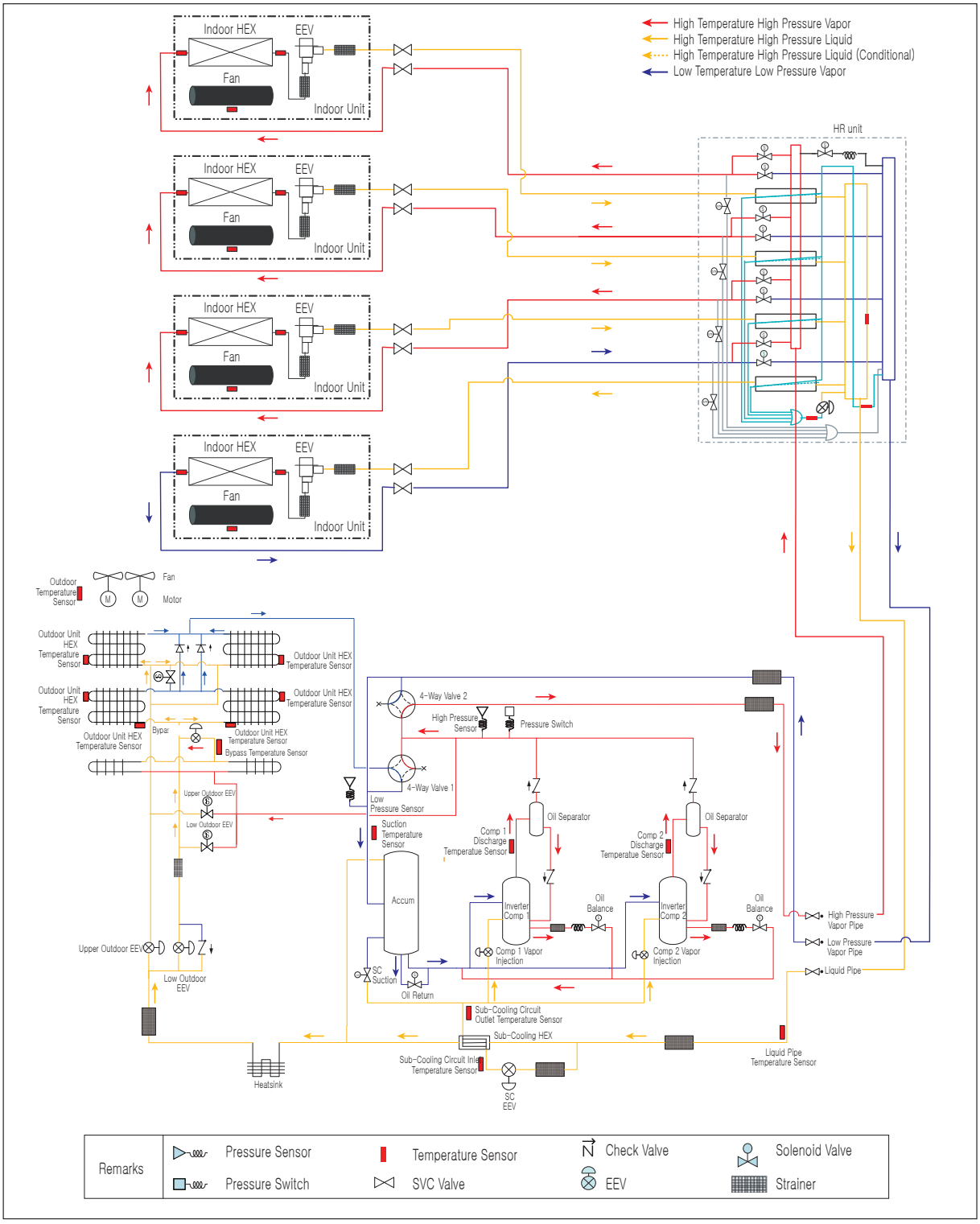
8. ARUM220LTE6

8.5.11 Heat Recovery : Cooling-based Simultaneous Operation



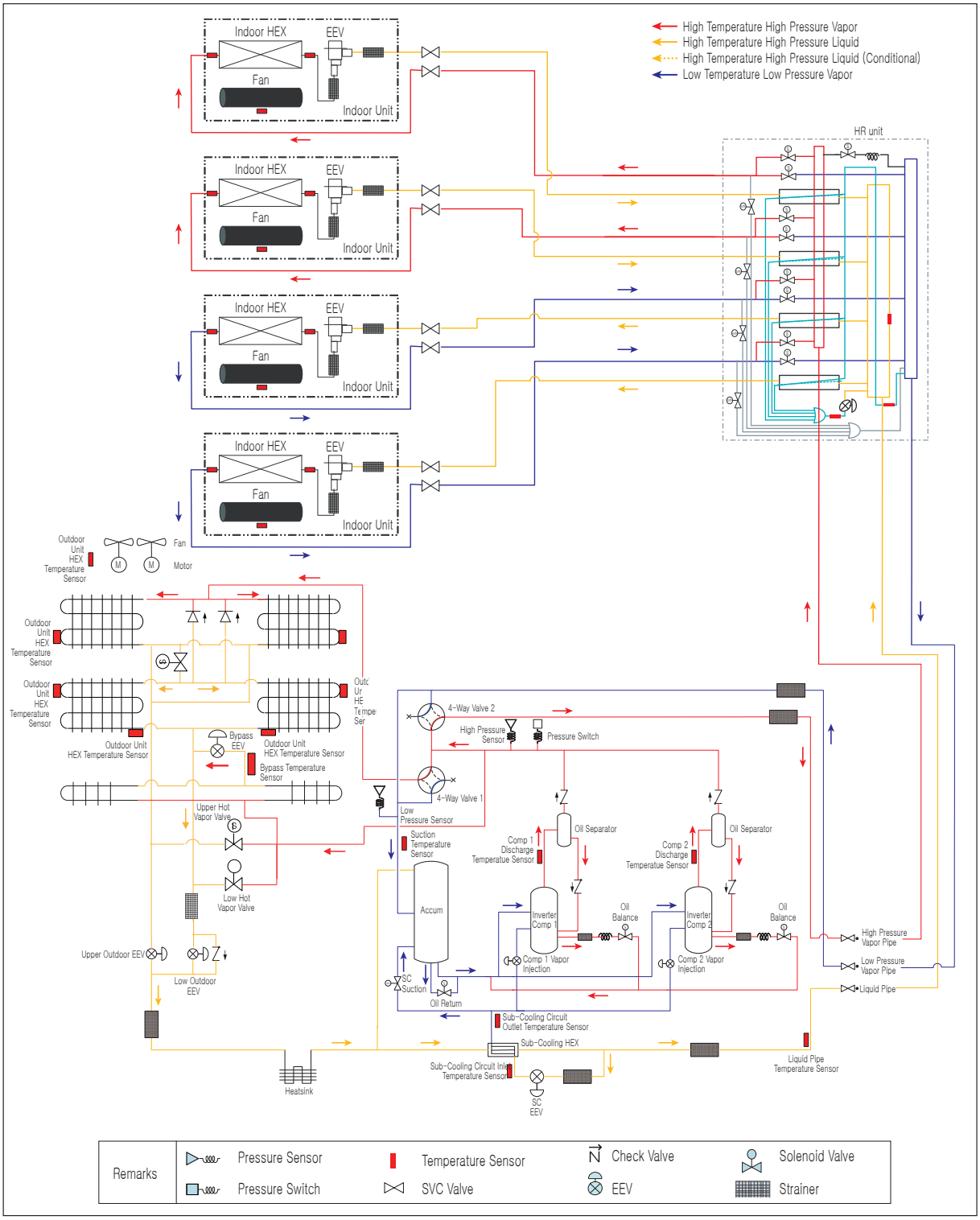
8. ARUM220LTE6

8.5.12 Heat Recovery : Heating-based Simultaneous Operation



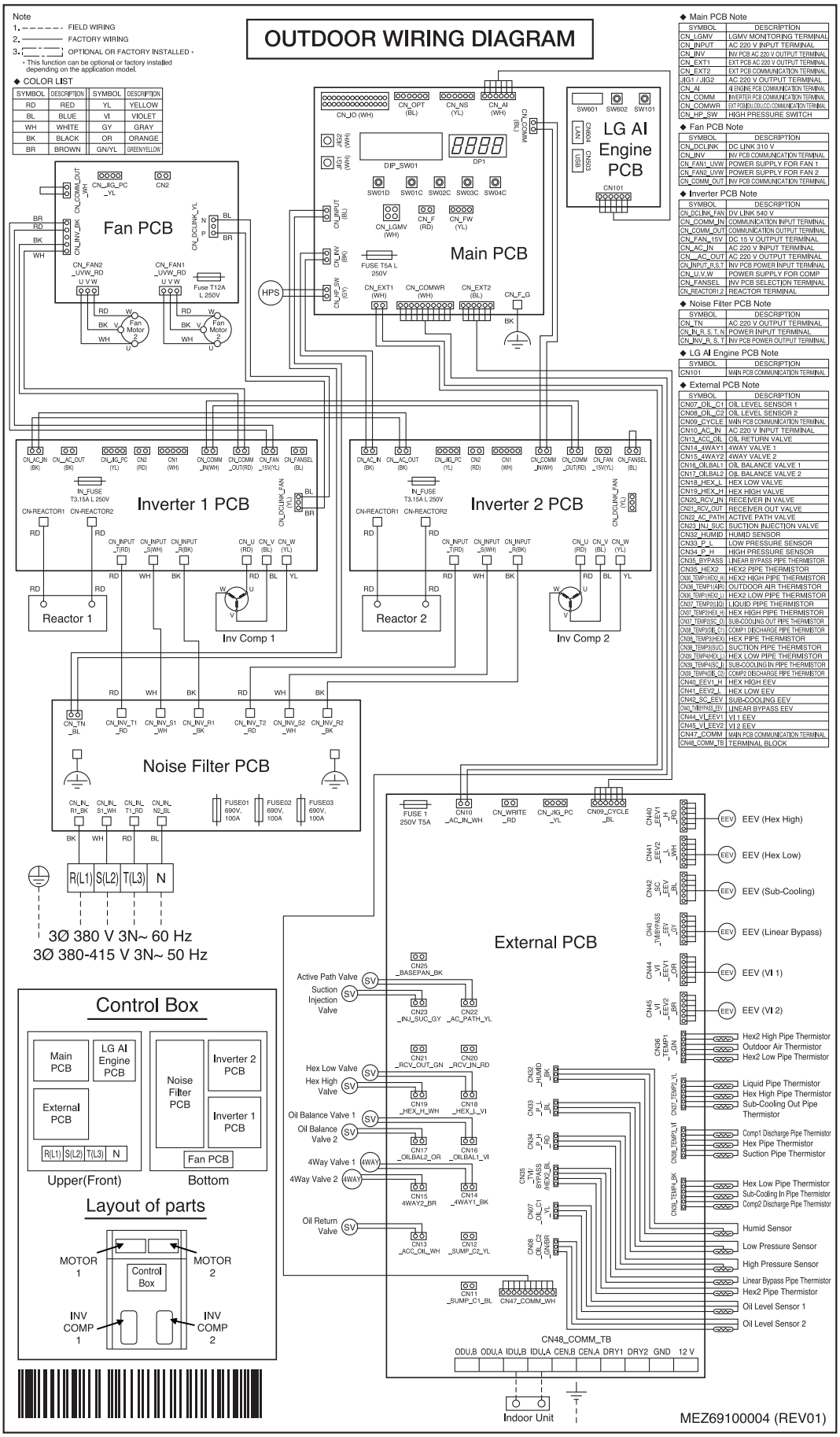
8. ARUM220LTE6

8.5.13 Heat Recovery : Balanced Simultaneous Operation



8. ARUM220LTE6

8.6 Wiring Diagrams



8. ARUM220LTE6

8.7 Capacity Tables

8.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	48.10	5.57	60.70	7.62	74.30	10.97	80.00	12.80	86.50	15.22	92.00	17.18	96.30	18.71
	12	48.10	6.08	60.70	8.41	74.30	12.10	80.00	14.08	86.50	16.67	92.00	18.61	96.30	20.17
	14	48.10	6.65	60.70	9.28	74.30	13.33	80.00	15.48	86.50	18.18	92.00	20.16	96.30	21.76
	16	48.10	7.28	60.70	10.24	74.30	14.68	80.00	17.01	86.50	19.78	92.00	21.83	96.30	23.47
	18	48.10	7.99	60.70	11.29	74.30	16.16	80.00	18.68	86.50	21.50	92.00	23.64	96.30	25.32
	20	48.10	8.77	60.70	12.45	74.30	17.78	80.00	20.51	86.50	23.35	92.00	25.15	96.30	26.51
	21	48.10	9.20	60.70	13.07	74.30	18.64	80.00	21.49	86.50	23.92	92.00	25.73	96.30	27.08
	23	48.10	10.11	60.70	14.40	74.30	20.17	80.00	22.82	86.50	25.12	92.00	26.94	96.30	28.30
	25	48.10	11.11	60.70	15.70	74.30	21.44	80.00	24.14	86.50	26.40	92.00	28.25	96.30	29.63
	27	48.10	12.14	60.70	16.72	74.30	22.80	80.00	25.45	86.50	27.77	92.00	29.68	96.30	31.09
	29	48.10	12.94	60.70	17.81	74.30	24.28	80.00	26.84	86.50	29.25	92.00	31.24	96.30	32.71
	31	48.10	13.79	60.70	18.98	74.30	25.88	80.00	28.33	86.50	30.86	92.00	32.97	96.30	34.55
	33	48.10	14.70	60.70	20.23	74.30	27.55	80.00	29.94	86.50	32.64	92.00	34.91	93.10	35.36
	35	48.10	15.67	60.70	21.57	74.30	29.15	80.00	31.70	86.50	34.61	86.70	34.74	86.80	34.76
	37	48.10	16.70	60.70	23.01	74.30	30.88	80.00	33.64	80.60	33.90	80.50	33.88	80.50	33.89
	39	48.10	17.80	60.70	24.57	74.30	32.78	74.50	32.90	74.50	32.88	74.40	32.85	74.40	32.84
	41	48.10	18.98	60.70	26.26	68.60	31.76	68.60	31.74	68.50	31.72	68.60	31.75	68.50	31.72
	43	48.10	20.25	60.70	28.12	62.90	29.76	62.90	29.75	62.90	29.71	62.90	29.75	62.90	29.74
	46	48.10	22.32	54.90	26.82	54.90	26.80	54.90	26.81	54.80	26.78	54.80	26.75	54.90	26.80
	48	48.10	23.84	49.90	25.05	49.80	25.04	49.80	25.03	49.80	25.03	49.80	25.01	49.80	25.03
	50	45.20	23.47	45.10	23.47	45.10	23.45	45.10	23.43	45.00	23.41	45.00	23.42	45.10	23.46
	52	40.70	22.04	40.60	21.99	40.60	22.00	40.70	22.03	40.60	21.99	40.60	22.01	40.60	22.02
120	10	44.40	5.13	56.10	6.76	68.60	9.40	73.90	10.84	79.80	12.73	84.90	14.59	88.90	16.11
	12	44.40	5.56	56.10	7.44	68.60	10.38	73.90	11.96	79.80	14.00	84.90	15.99	88.90	17.51
	14	44.40	6.05	56.10	8.19	68.60	11.46	73.90	13.18	79.80	15.39	84.90	17.53	88.90	19.03
	16	44.40	6.60	56.10	9.02	68.60	12.64	73.90	14.52	79.80	16.92	84.90	19.19	88.90	20.66
	18	44.40	7.22	56.10	9.94	68.60	13.93	73.90	15.98	79.80	18.58	84.90	20.89	88.90	22.42
	20	44.40	7.90	56.10	10.96	68.60	15.35	73.90	17.58	79.80	20.40	84.90	22.73	88.90	24.13
	21	44.40	8.27	56.10	11.50	68.60	16.10	73.90	18.44	79.80	21.37	84.90	23.38	88.90	24.71
	23	44.40	9.08	56.10	12.67	68.60	17.72	73.90	19.97	79.80	22.72	84.90	24.58	88.90	25.91
	25	44.40	9.96	56.10	13.94	68.60	18.87	73.90	21.23	79.80	24.06	84.90	25.84	88.90	27.21
	27	44.40	10.94	56.10	14.91	68.60	20.09	73.90	22.59	79.80	25.37	84.90	27.20	88.90	28.60
	29	44.40	11.69	56.10	15.89	68.60	21.39	73.90	24.05	79.80	26.76	84.90	28.66	88.90	30.12
	31	44.40	12.46	56.10	16.94	68.60	22.79	73.90	25.63	79.80	28.24	84.90	30.24	88.90	31.78
	33	44.40	13.28	56.10	18.05	68.60	24.30	73.90	27.36	79.80	29.85	84.90	31.97	88.90	33.62
	35	44.40	14.16	56.10	19.24	68.60	25.94	73.90	28.96	79.80	31.60	84.90	33.89	86.80	34.76
	37	44.40	15.09	56.10	20.51	68.60	27.73	73.90	30.68	79.80	33.53	80.60	33.91	80.50	33.87
	39	44.40	16.09	56.10	21.88	68.60	29.71	73.90	32.56	74.50	32.88	74.40	32.86	74.50	32.87
	41	44.40	17.16	56.10	23.36	68.60	31.73	68.70	31.78	68.60	31.76	68.60	31.73	68.50	31.72
	43	44.40	18.29	56.10	24.96	63.00	29.77	62.90	29.74	62.90	29.71	62.90	29.76	62.90	29.73
	46	44.40	20.15	54.90	26.82	54.90	26.78	54.90	26.78	54.90	26.80	54.80	26.79	54.90	26.82
	48	44.40	21.50	49.90	25.06	49.80	25.03	49.90	25.05	49.80	25.01	49.80	25.00	49.90	25.06
	50	44.40	22.95	45.20	23.48	45.10	23.43	45.10	23.45	45.10	23.47	44.80	23.27	45.10	23.44
	52	40.70	22.02	40.70	22.03	40.60	22.00	40.60	22.01	40.60	22.02	40.70	22.04	40.60	21.98
110	10	40.70	4.74	51.40	6.02	62.90	8.06	67.70	9.18	73.20	10.63	77.80	12.05	81.40	13.30
	12	40.70	5.11	51.40	6.60	62.90	8.90	67.70	10.14	73.20	11.73	77.80	13.28	81.40	14.61
	14	40.70	5.53	51.40	7.24	62.90	9.83	67.70	11.19	73.20	12.93	77.80	14.61	81.40	16.05

8. ARUM220LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	40.70	6.00	51.40	7.95	62.90	10.85	67.70	12.35	73.20	14.25	77.80	16.07	81.40	17.62
	18	40.70	6.53	51.40	8.75	62.90	11.97	67.70	13.61	73.20	15.69	77.80	17.66	81.40	19.34
	20	40.70	7.12	51.40	9.62	62.90	13.19	67.70	15.00	73.20	17.27	77.80	19.41	81.40	21.22
	21	40.70	7.44	51.40	10.09	62.90	13.85	67.70	15.74	73.20	18.11	77.80	20.34	81.40	22.16
	23	40.70	8.14	51.40	11.11	62.90	15.25	67.70	17.32	73.20	19.66	77.80	21.76	81.40	23.39
	25	40.70	8.91	51.40	12.22	62.90	16.52	67.70	18.50	73.20	20.90	77.80	23.12	81.40	24.63
	27	40.70	9.77	51.40	13.24	62.90	17.60	67.70	19.69	73.20	22.24	77.80	24.59	81.40	25.96
	29	40.70	10.54	51.40	14.11	62.90	18.75	67.70	20.97	73.20	23.67	77.80	25.99	81.40	27.37
	31	40.70	11.22	51.40	15.04	62.90	19.97	67.70	22.34	73.20	25.23	77.80	27.44	81.40	28.88
	33	40.70	11.95	51.40	16.03	62.90	21.29	67.70	23.81	73.20	26.93	77.80	29.01	81.40	30.53
	35	40.70	12.74	51.40	17.09	62.90	22.70	67.70	25.42	73.20	28.64	77.80	30.70	81.40	32.33
	37	40.70	13.58	51.40	18.21	62.90	24.23	67.70	27.16	73.20	30.34	77.80	32.56	80.60	33.92
	39	40.70	14.48	51.40	19.42	62.90	25.89	67.70	29.09	73.20	32.19	74.50	32.86	74.50	32.88
	41	40.70	15.44	51.40	20.71	62.90	27.70	67.70	31.23	68.70	31.77	68.60	31.75	68.60	31.75
	43	40.70	16.46	51.40	22.10	62.90	29.71	63.00	29.76	62.90	29.73	63.00	29.79	62.90	29.78
	46	40.70	18.13	51.40	24.40	54.90	26.78	54.80	26.77	54.90	26.83	54.90	26.83	54.80	26.76
	48	40.70	19.34	49.90	25.08	49.90	25.07	49.90	25.08	49.90	25.05	49.90	25.05	49.80	25.05
	50	40.70	20.63	45.20	23.49	45.20	23.47	45.10	23.43	45.10	23.44	45.10	23.44	45.10	23.46
	52	40.70	22.02	40.70	22.04	40.70	22.02	40.60	21.99	40.70	22.03	40.70	22.03	40.60	21.99
100	10	37.00	4.41	46.70	5.40	57.20	6.95	61.60	7.79	66.50	8.88	70.70	9.95	74.00	10.88
	12	37.00	4.72	46.70	5.88	57.20	7.65	61.60	8.60	66.50	9.81	70.70	10.99	74.00	12.00
	14	37.00	5.07	46.70	6.42	57.20	8.43	61.60	9.49	66.50	10.84	70.70	12.13	74.00	13.23
	16	37.00	5.47	46.70	7.02	57.20	9.30	61.60	10.47	66.50	11.96	70.70	13.37	74.00	14.58
	18	37.00	5.92	46.70	7.69	57.20	10.25	61.60	11.55	66.50	13.19	70.70	14.73	74.00	16.04
	20	37.00	6.42	46.70	8.44	57.20	11.29	61.60	12.73	66.50	14.53	70.70	16.22	74.00	17.65
	21	37.00	6.69	46.70	8.84	57.20	11.86	61.60	13.37	66.50	15.25	70.70	17.02	74.00	18.51
	23	37.00	7.29	46.70	9.71	57.20	13.06	61.60	14.72	66.50	16.79	70.70	18.62	74.00	20.04
	25	37.00	7.96	46.70	10.67	57.20	14.38	61.60	16.01	66.50	17.99	70.70	19.80	74.00	21.30
	27	37.00	8.70	46.70	11.70	57.20	15.33	61.60	17.06	66.50	19.15	70.70	21.07	74.00	22.66
	29	37.00	9.46	46.70	12.46	57.20	16.33	61.60	18.17	66.50	20.40	70.70	22.43	74.00	24.13
	31	37.00	10.06	46.70	13.28	57.20	17.41	61.60	19.36	66.50	21.73	70.70	23.90	74.00	25.72
	33	37.00	10.71	46.70	14.16	57.20	18.55	61.60	20.63	66.50	23.17	70.70	25.50	74.00	27.43
	35	37.00	11.41	46.70	15.09	57.20	19.77	61.60	22.00	66.50	24.72	70.70	27.24	74.00	29.02
	37	37.00	12.17	46.70	16.09	57.20	21.09	61.60	23.47	66.50	26.41	70.70	29.15	74.00	30.75
	39	37.00	12.97	46.70	17.15	57.20	22.50	61.60	25.07	66.50	28.26	70.70	30.96	74.00	32.64
	41	37.00	13.83	46.70	18.29	57.20	24.02	61.60	26.81	66.50	30.31	68.60	31.72	68.60	31.73
	43	37.00	14.75	46.70	19.50	57.20	25.68	61.60	28.73	63.00	29.77	62.90	29.74	62.90	29.73
	46	37.00	16.25	46.70	21.49	54.90	26.82	54.90	26.80	54.80	26.77	54.80	26.78	54.90	26.80
	48	37.00	17.33	46.70	22.94	49.90	25.05	49.90	25.04	49.80	25.01	49.80	25.02	49.80	25.03
	50	37.00	18.48	45.20	23.47	45.10	23.46	45.10	23.47	45.10	23.44	45.10	23.45	45.10	23.45
	52	37.00	19.71	40.80	22.06	40.70	22.03	40.60	22.00	40.70	22.01	40.60	21.98	40.70	22.04
90	10	33.30	4.13	42.10	4.87	51.50	6.03	55.40	6.65	59.90	7.45	63.70	8.23	66.60	8.91
	12	33.30	4.39	42.10	5.27	51.50	6.61	55.40	7.31	59.90	8.22	63.70	9.09	66.60	9.84
	14	33.30	4.67	42.10	5.71	51.50	7.25	55.40	8.05	59.90	9.07	63.70	10.04	66.60	10.87
	16	33.30	5.00	42.10	6.21	51.50	7.97	55.40	8.87	59.90	10.00	63.70	11.08	66.60	11.99
	18	33.30	5.37	42.10	6.77	51.50	8.76	55.40	9.77	59.90	11.03	63.70	12.22	66.60	13.23
	20	33.30	5.79	42.10	7.40	51.50	9.64	55.40	10.76	59.90	12.16	63.70	13.47	66.60	14.57
	21	33.30	6.02	42.10	7.73	51.50	10.11	55.40	11.29	59.90	12.76	63.70	14.14	66.60	15.30
	23	33.30	6.53	42.10	8.47	51.50	11.12	55.40	12.44	59.90	14.06	63.70	15.57	66.60	16.84
	25	33.30	7.10	42.10	9.28	51.50	12.24	55.40	13.69	59.90	15.37	63.70	16.83	66.60	18.04
	27	33.30	7.73	42.10	10.18	51.50	13.26	55.40	14.67	59.90	16.37	63.70	17.92	66.60	19.20

8. ARUM220LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	33.30	8.44	42.10	10.95	51.50	14.13	55.40	15.63	59.90	17.44	63.70	19.09	66.60	20.45
	31	33.30	8.98	42.10	11.66	51.50	15.06	55.40	16.66	59.90	18.59	63.70	20.34	66.60	21.79
	33	33.30	9.56	42.10	12.43	51.50	16.05	55.40	17.76	59.90	19.81	63.70	21.68	66.60	23.23
	35	33.30	10.17	42.10	13.25	51.50	17.11	55.40	18.93	59.90	21.12	63.70	23.12	66.60	24.78
	37	33.30	10.84	42.10	14.12	51.50	18.24	55.40	20.18	59.90	22.53	63.70	24.68	66.60	26.48
	39	33.30	11.56	42.10	15.05	51.50	19.45	55.40	21.53	59.90	24.05	63.70	26.38	66.60	28.33
	41	33.30	12.32	42.10	16.05	51.50	20.75	55.40	22.97	59.90	25.70	63.70	28.24	66.60	30.39
	43	33.30	13.14	42.10	17.11	51.50	22.14	55.40	24.54	59.90	27.51	63.00	29.78	63.00	29.78
	46	33.30	14.48	42.10	18.85	51.50	24.44	54.90	26.80	54.90	26.78	54.90	26.78	54.90	26.80
	48	33.30	15.45	42.10	20.10	49.90	25.08	49.90	25.06	49.90	25.04	49.80	25.04	49.90	25.05
	50	33.30	16.48	42.10	21.45	45.20	23.49	45.20	23.48	45.10	23.46	45.10	23.46	45.10	23.46
	52	33.30	17.58	40.80	22.05	40.70	22.05	40.70	22.05	40.70	22.03	40.70	22.04	40.70	22.03
80	10	29.60	3.46	37.40	4.44	45.70	5.28	49.30	5.72	53.20	6.29	56.60	6.85	59.20	7.33
	12	29.60	4.10	37.40	4.76	45.70	5.74	49.30	6.25	53.20	6.91	56.60	7.54	59.20	8.08
	14	29.60	4.33	37.40	5.12	45.70	6.26	49.30	6.85	53.20	7.59	56.60	8.31	59.20	8.91
	16	29.60	4.59	37.40	5.52	45.70	6.84	49.30	7.51	53.20	8.35	56.60	9.15	59.20	9.83
	18	29.60	4.89	37.40	5.97	45.70	7.49	49.30	8.25	53.20	9.20	56.60	10.09	59.20	10.84
	20	29.60	5.24	37.40	6.49	45.70	8.21	49.30	9.06	53.20	10.12	56.60	11.12	59.20	11.95
	21	29.60	5.43	37.40	6.76	45.70	8.60	49.30	9.50	53.20	10.62	56.60	11.67	59.20	12.54
	23	29.60	5.85	37.40	7.37	45.70	9.44	49.30	10.45	53.20	11.69	56.60	12.85	59.20	13.82
	25	29.60	6.32	37.40	8.05	45.70	10.36	49.30	11.49	53.20	12.87	56.60	14.15	59.20	15.13
	27	29.60	6.85	37.40	8.80	45.70	11.39	49.30	12.52	53.20	13.87	56.60	15.11	59.20	16.12
	29	29.60	7.45	37.40	9.56	45.70	12.13	49.30	13.34	53.20	14.79	56.60	16.10	59.20	17.18
	31	29.60	7.99	37.40	10.17	45.70	12.93	49.30	14.22	53.20	15.76	56.60	17.16	59.20	18.30
	33	29.60	8.48	37.40	10.83	45.70	13.78	49.30	15.15	53.20	16.80	56.60	18.29	59.20	19.51
	35	29.60	9.02	37.40	11.54	45.70	14.69	49.30	16.15	53.20	17.91	56.60	19.49	59.20	20.80
	37	29.60	9.60	37.40	12.30	45.70	15.66	49.30	17.22	53.20	19.09	56.60	20.78	59.20	22.18
	39	29.60	10.23	37.40	13.12	45.70	16.70	49.30	18.36	53.20	20.36	56.60	22.17	59.20	23.67
	41	29.60	10.91	37.40	13.99	45.70	17.80	49.30	19.58	53.20	21.72	56.60	23.67	59.20	25.29
	43	29.60	11.64	37.40	14.92	45.70	18.98	49.30	20.88	53.20	23.18	56.60	25.30	59.20	27.06
	46	29.60	12.83	37.40	16.43	45.70	20.91	49.30	23.03	53.20	25.62	54.90	26.83	54.90	26.84
	48	29.60	13.70	37.40	17.52	45.70	22.32	49.30	24.61	49.90	25.08	49.90	25.06	49.90	25.06
	50	29.60	14.62	37.40	18.69	45.20	23.48	45.20	23.46	45.10	23.44	45.10	23.43	45.10	23.43
	52	29.60	15.60	37.40	19.93	40.70	22.03	40.70	22.02	40.70	22.00	40.70	22.05	40.70	22.05
70	10	25.90	2.91	32.70	4.03	40.00	4.68	43.10	4.98	46.60	5.38	49.50	5.76	51.80	6.08
	12	25.90	3.85	32.70	4.34	40.00	5.04	43.10	5.40	46.60	5.85	49.50	6.29	51.80	6.67
	14	25.90	4.03	32.70	4.61	40.00	5.44	43.10	5.86	46.60	6.39	49.50	6.89	51.80	7.32
	16	25.90	4.24	32.70	4.93	40.00	5.90	43.10	6.38	46.60	6.99	49.50	7.56	51.80	8.05
	18	25.90	4.48	32.70	5.29	40.00	6.41	43.10	6.97	46.60	7.66	49.50	8.31	51.80	8.85
	20	25.90	4.75	32.70	5.70	40.00	6.98	43.10	7.62	46.60	8.40	49.50	9.13	51.80	9.74
	21	25.90	4.90	32.70	5.92	40.00	7.30	43.10	7.97	46.60	8.80	49.50	9.57	51.80	10.22
	23	25.90	5.24	32.70	6.41	40.00	7.97	43.10	8.73	46.60	9.67	49.50	10.53	51.80	11.24
	25	25.90	5.63	32.70	6.96	40.00	8.73	43.10	9.58	46.60	10.62	49.50	11.58	51.80	12.37
	27	25.90	6.07	32.70	7.58	40.00	9.56	43.10	10.51	46.60	11.65	49.50	12.60	51.80	13.39
	29	25.90	6.57	32.70	8.27	40.00	10.33	43.10	11.28	46.60	12.41	49.50	13.43	51.80	14.27
	31	25.90	7.07	32.70	8.82	40.00	11.00	43.10	12.01	46.60	13.22	49.50	14.32	51.80	15.21
	33	25.90	7.49	32.70	9.38	40.00	11.72	43.10	12.80	46.60	14.10	49.50	15.26	51.80	16.21
	35	25.90	7.95	32.70	9.98	40.00	12.49	43.10	13.65	46.60	15.03	49.50	16.27	51.80	17.28
	37	25.90	8.45	32.70	10.63	40.00	13.31	43.10	14.55	46.60	16.02	49.50	17.34	51.80	18.42
	39	25.90	9.00	32.70	11.34	40.00	14.19	43.10	15.51	46.60	17.08	49.50	18.49	51.80	19.64
	41	25.90	9.60	32.70	12.09	40.00	15.13	43.10	16.54	46.60	18.21	49.50	19.71	51.80	20.95

8. ARUM220LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	25.90	10.24	32.70	12.89	40.00	16.14	43.10	17.63	46.60	19.42	49.50	21.03	51.80	22.36
	46	25.90	11.29	32.70	14.21	40.00	17.77	43.10	19.42	46.60	21.40	49.50	23.19	51.80	24.68
	48	25.90	12.06	32.70	15.16	40.00	18.95	43.10	20.72	46.60	22.84	49.50	24.79	49.90	25.04
	50	25.90	12.88	32.70	16.17	40.00	20.22	43.10	22.11	45.20	23.46	45.20	23.47	45.20	23.46
	52	25.90	13.75	32.70	17.25	40.00	21.57	40.80	22.06	40.70	22.04	40.70	22.01	40.70	22.05
60	10	22.20	2.33	28.00	3.21	34.30	4.21	36.90	4.41	39.90	4.67	42.40	4.91	44.40	5.13
	12	22.20	3.50	28.00	3.99	34.30	4.47	36.90	4.72	39.90	5.02	42.40	5.32	44.40	5.56
	14	22.20	3.65	28.00	4.20	34.30	4.78	36.90	5.06	39.90	5.43	42.40	5.77	44.40	6.06
	16	22.20	3.82	28.00	4.43	34.30	5.12	36.90	5.46	39.90	5.88	42.40	6.28	44.40	6.61
	18	22.20	4.02	28.00	4.71	34.30	5.51	36.90	5.91	39.90	6.39	42.40	6.84	44.40	7.22
	20	22.20	4.25	28.00	5.02	34.30	5.95	36.90	6.41	39.90	6.96	42.40	7.48	44.40	7.91
	21	22.20	4.37	28.00	5.20	34.30	6.20	36.90	6.68	39.90	7.27	42.40	7.82	44.40	8.28
	23	22.20	4.65	28.00	5.58	34.30	6.73	36.90	7.28	39.90	7.95	42.40	8.57	44.40	9.08
	25	22.20	4.97	28.00	6.02	34.30	7.32	36.90	7.94	39.90	8.70	42.40	9.39	44.40	9.97
	27	22.20	5.33	28.00	6.51	34.30	7.98	36.90	8.68	39.90	9.53	42.40	10.30	44.40	10.94
	29	22.20	5.74	28.00	7.07	34.30	8.72	36.90	9.44	39.90	10.30	42.40	11.07	44.40	11.70
	31	22.20	6.21	28.00	7.59	34.30	9.27	36.90	10.04	39.90	10.96	42.40	11.79	44.40	12.47
	33	22.20	6.57	28.00	8.05	34.30	9.86	36.90	10.69	39.90	11.68	42.40	12.57	44.40	13.29
	35	22.20	6.96	28.00	8.56	34.30	10.50	36.90	11.39	39.90	12.45	42.40	13.40	44.40	14.16
	37	22.20	7.39	28.00	9.10	34.30	11.19	36.90	12.14	39.90	13.27	42.40	14.28	44.40	15.10
	39	22.20	7.86	28.00	9.70	34.30	11.93	36.90	12.95	39.90	14.15	42.40	15.22	44.40	16.10
	41	22.20	8.37	28.00	10.34	34.30	12.72	36.90	13.81	39.90	15.09	42.40	16.23	44.40	17.16
	43	22.20	8.93	28.00	11.03	34.30	13.57	36.90	14.72	39.90	16.09	42.40	17.31	44.40	18.30
	46	22.20	9.85	28.00	12.17	34.30	14.95	36.90	16.21	39.90	17.71	42.40	19.06	44.40	20.16
	48	22.20	10.53	28.00	12.99	34.30	15.94	36.90	17.29	39.90	18.89	42.40	20.33	44.40	21.51
	50	22.20	11.25	28.00	13.86	34.30	17.01	36.90	18.44	39.90	20.15	42.40	21.70	44.40	22.97
	52	22.20	12.03	28.00	14.80	34.30	18.14	36.90	19.67	39.90	21.50	40.80	22.05	40.70	22.02
50	10	18.50	1.83	23.40	2.51	28.60	3.29	30.80	3.66	33.30	4.13	35.40	4.28	37.00	4.42
	12	18.50	2.68	23.40	3.61	28.60	4.03	30.80	4.18	33.30	4.38	35.40	4.57	37.00	4.72
	14	18.50	3.26	23.40	3.77	28.60	4.24	30.80	4.43	33.30	4.67	35.40	4.89	37.00	5.07
	16	18.50	3.40	23.40	3.95	28.60	4.49	30.80	4.72	33.30	4.99	35.40	5.25	37.00	5.47
	18	18.50	3.56	23.40	4.17	28.60	4.77	30.80	5.04	33.30	5.37	35.40	5.67	37.00	5.92
	20	18.50	3.74	23.40	4.41	28.60	5.10	30.80	5.41	33.30	5.79	35.40	6.13	37.00	6.42
	21	18.50	3.84	23.40	4.54	28.60	5.28	30.80	5.61	33.30	6.02	35.40	6.39	37.00	6.70
	23	18.50	4.06	23.40	4.84	28.60	5.67	30.80	6.06	33.30	6.52	35.40	6.94	37.00	7.29
	25	18.50	4.32	23.40	5.18	28.60	6.12	30.80	6.56	33.30	7.09	35.40	7.56	37.00	7.96
	27	18.50	4.61	23.40	5.57	28.60	6.63	30.80	7.12	33.30	7.72	35.40	8.26	37.00	8.70
	29	18.50	4.94	23.40	6.01	28.60	7.20	30.80	7.76	33.30	8.43	35.40	9.01	37.00	9.46
	31	18.50	5.31	23.40	6.49	28.60	7.73	30.80	8.30	33.30	8.97	35.40	9.58	37.00	10.07
	33	18.50	5.64	23.40	6.86	28.60	8.20	30.80	8.82	33.30	9.54	35.40	10.19	37.00	10.72
	35	18.50	5.96	23.40	7.27	28.60	8.72	30.80	9.38	33.30	10.16	35.40	10.85	37.00	11.42
	37	18.50	6.31	23.40	7.72	28.60	9.28	30.80	9.99	33.30	10.82	35.40	11.57	37.00	12.17
	39	18.50	6.69	23.40	8.21	28.60	9.89	30.80	10.65	33.30	11.54	35.40	12.33	37.00	12.98
	41	18.50	7.12	23.40	8.75	28.60	10.54	30.80	11.35	33.30	12.31	35.40	13.15	37.00	13.84
	43	18.50	7.60	23.40	9.33	28.60	11.24	30.80	12.11	33.30	13.13	35.40	14.03	37.00	14.76
	46	18.50	8.40	23.40	10.29	28.60	12.40	30.80	13.35	33.30	14.46	35.40	15.45	37.00	16.25
	48	18.50	9.01	23.40	10.99	28.60	13.23	30.80	14.24	33.30	15.43	35.40	16.48	37.00	17.33
	50	18.50	9.68	23.40	11.75	28.60	14.13	30.80	15.20	33.30	16.46	35.40	17.58	37.00	18.49
	52	18.50	10.41	23.40	12.55	28.60	15.08	30.80	16.22	33.30	17.55	35.40	18.75	37.00	19.72

8. ARUM220LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

8. ARUM220LTE6

8.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	13.10	1.05	21.00	1.68	29.80	2.39	31.90	2.56	34.00	2.73	36.20	2.93	38.50	3.17
	12	13.10	1.05	21.00	1.68	29.80	2.40	31.90	2.58	34.00	2.75	36.20	2.95	38.50	3.20
	14	13.10	1.06	21.00	1.69	29.80	2.43	31.90	2.61	34.00	2.79	36.20	2.99	38.50	3.26
	16	13.10	1.06	21.00	1.71	29.80	2.47	31.90	2.66	34.00	2.86	36.20	3.08	38.50	3.38
	18	13.10	1.07	21.00	1.74	29.80	2.57	31.90	2.78	34.00	3.00	36.20	3.25	38.50	3.64
	20	13.10	1.10	21.00	1.82	29.80	2.82	31.90	3.09	34.00	3.39	36.20	3.73	38.50	4.37
	21	14.80	1.33	22.70	2.23	31.40	3.73	33.40	4.19	35.50	4.43	37.60	4.67	39.70	5.05
	23	18.30	3.12	26.00	3.86	34.70	4.90	36.60	5.16	38.60	5.45	40.40	5.72	42.30	6.16
	25	21.90	3.85	29.50	4.77	38.00	6.11	39.90	6.44	41.80	6.79	43.30	7.08	45.00	7.59
	27	25.50	4.85	33.00	5.99	41.50	7.70	43.20	8.10	45.00	8.53	46.20	8.82	50.30	10.04
	29	29.30	6.19	36.60	7.59	45.00	9.55	46.60	9.97	48.40	10.42	51.30	11.23	59.50	14.05
	31	33.10	7.80	40.30	9.36	48.60	11.70	50.10	12.17	54.50	13.56	60.70	15.74	68.60	19.40
	33	37.10	9.74	44.00	11.57	52.30	14.35	57.60	16.33	64.10	19.01	70.00	21.74	77.80	26.50
	35	41.10	12.19	47.90	14.32	61.30	19.95	67.10	22.80	73.60	26.33	79.40	29.57	87.00	33.58
	37	41.10	13.00	47.90	15.27	61.30	21.29	67.10	24.35	73.60	28.17	79.40	31.35	82.50	33.51
	39	41.10	13.87	47.90	16.29	61.30	22.72	67.10	26.02	73.60	30.19	77.20	32.21	76.20	32.40
	41	41.10	14.80	47.90	17.38	61.30	24.27	67.10	27.86	71.00	30.54	71.00	30.54	70.20	31.00
	43	41.10	15.79	47.90	18.54	61.30	25.95	65.20	28.50	65.10	28.47	65.10	28.46	64.40	28.91
	46	41.10	17.40	47.90	20.43	56.90	25.74	56.90	25.73	56.90	25.75	56.80	25.69	56.10	26.03
	48	41.10	18.56	47.90	21.80	51.70	24.07	51.60	24.05	51.70	24.11	51.60	24.04	51.00	24.35
	50	41.10	19.80	46.80	22.58	46.80	22.57	46.70	22.55	46.70	22.55	46.80	22.59	46.10	22.82
	52	41.10	21.13	42.20	21.24	42.20	21.27	42.20	21.24	42.10	21.23	42.20	21.24	41.50	21.43
120	10	12.10	0.97	19.40	1.55	27.50	2.20	29.40	2.36	31.40	2.52	33.40	2.69	35.50	2.90
	12	12.10	0.97	19.40	1.55	27.50	2.21	29.40	2.37	31.40	2.53	33.40	2.71	35.50	2.92
	14	12.10	0.98	19.40	1.56	27.50	2.23	29.40	2.40	31.40	2.56	33.40	2.74	35.50	2.97
	16	12.10	0.98	19.40	1.57	27.50	2.27	29.40	2.44	31.40	2.61	33.40	2.80	35.50	3.06
	18	12.10	0.99	19.40	1.60	27.50	2.34	29.40	2.53	31.40	2.73	33.40	2.94	35.50	3.26
	20	12.10	1.01	19.40	1.66	27.50	2.53	29.40	2.77	31.40	3.02	33.40	3.30	35.50	3.82
	21	13.70	1.21	20.90	1.99	29.00	3.25	30.90	3.62	32.80	4.03	34.70	4.33	36.70	4.67
	23	16.90	2.98	24.00	3.64	32.00	4.55	33.80	4.78	35.60	5.03	37.30	5.26	39.10	5.65
	25	20.20	3.65	27.20	4.46	35.10	5.62	36.80	5.90	38.60	6.20	39.90	6.45	41.50	6.90
	27	23.60	4.54	30.40	5.55	38.30	7.02	39.90	7.36	41.60	7.73	42.70	7.98	46.40	9.09
	29	27.00	5.75	33.70	6.99	41.50	8.71	43.00	9.07	44.60	9.46	47.40	10.16	54.90	12.59
	31	30.60	7.21	37.20	8.58	44.80	10.61	46.30	11.02	50.30	12.22	56.00	14.09	63.40	17.22
	33	34.20	8.94	40.70	10.54	48.30	12.95	53.10	14.66	59.10	16.96	64.70	19.27	71.80	23.29
	35	38.00	11.12	44.30	12.97	56.60	17.83	62.00	20.26	67.90	23.22	73.30	26.13	80.30	30.56
	37	38.00	11.86	44.30	13.83	56.60	19.02	62.00	21.61	67.90	24.80	73.30	27.95	80.30	32.42
	39	38.00	12.65	44.30	14.76	56.60	20.29	62.00	23.07	67.90	26.51	73.30	29.96	76.30	32.42
	41	38.00	13.50	44.30	15.75	56.60	21.65	62.00	24.65	67.90	28.39	71.00	30.52	70.20	30.95
	43	38.00	14.41	44.30	16.80	56.60	23.12	62.00	26.36	65.20	28.50	65.10	28.46	64.30	28.84
	46	38.00	15.88	44.30	18.51	56.60	25.54	56.90	25.73	56.90	25.75	56.80	25.71	56.10	26.02
	48	38.00	16.94	44.30	19.74	51.70	24.07	51.70	24.07	51.70	24.08	51.70	24.08	51.00	24.35
	50	38.00	18.07	44.30	21.06	46.80	22.59	46.80	22.60	47.10	22.79	46.80	22.57	46.10	22.81
	52	38.00	19.28	42.30	21.27	42.20	21.25	42.20	21.26	42.20	21.27	42.10	21.23	41.60	21.48
110	10	11.10	0.89	17.80	1.42	25.20	2.02	27.00	2.16	28.80	2.30	30.60	2.46	32.60	2.64
	12	11.10	0.89	17.80	1.42	25.20	2.02	27.00	2.17	28.80	2.32	30.60	2.47	32.60	2.66
	14	11.10	0.89	17.80	1.43	25.20	2.04	27.00	2.19	28.80	2.34	30.60	2.50	32.60	2.69
	16	11.10	0.90	17.80	1.44	25.20	2.06	27.00	2.22	28.80	2.38	30.60	2.55	32.60	2.76
	18	11.10	0.90	17.80	1.46	25.20	2.12	27.00	2.29	28.80	2.46	30.60	2.65	32.60	2.91

8. ARUM220LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	11.10	0.92	17.80	1.51	25.20	2.27	27.00	2.47	28.80	2.69	30.60	2.92	32.60	3.33
	21	12.50	1.09	19.20	1.77	26.60	2.82	28.30	3.12	30.00	3.46	31.80	3.82	33.60	4.31
	23	15.50	2.85	22.00	3.44	29.30	4.23	31.00	4.43	32.70	4.63	34.20	4.83	35.80	5.16
	25	18.50	3.44	24.90	4.17	32.20	5.16	33.70	5.40	35.40	5.66	36.60	5.87	38.00	6.25
	27	21.60	4.25	27.90	5.13	35.10	6.39	36.60	6.68	38.10	6.99	39.10	7.20	42.50	8.14
	29	24.80	5.32	30.90	6.39	38.10	7.92	39.40	8.23	40.90	8.57	43.40	9.16	50.30	11.24
	31	28.00	6.66	34.10	7.84	41.10	9.59	42.40	9.93	46.10	10.96	51.40	12.56	58.10	15.22
	33	31.40	8.19	37.30	9.56	44.20	11.64	48.70	13.10	54.20	15.05	59.30	17.01	65.80	20.38
	35	34.80	10.11	40.60	11.70	51.90	15.86	56.80	17.91	62.30	20.40	67.20	22.81	73.60	27.16
	37	34.80	10.78	40.60	12.48	51.90	16.91	56.80	19.11	62.30	21.77	67.20	24.36	73.60	29.07
	39	34.80	11.50	40.60	13.32	51.90	18.04	56.80	20.39	62.30	23.24	67.20	26.04	73.60	31.06
	41	34.80	12.27	40.60	14.21	51.90	19.25	56.80	21.76	62.30	24.83	67.20	27.87	70.30	31.00
	43	34.80	13.10	40.60	15.16	51.90	20.54	56.80	23.23	62.30	26.56	65.20	28.51	64.50	28.91
	46	34.80	14.44	40.60	16.70	51.90	22.65	56.80	25.67	56.90	25.73	56.80	25.69	56.10	26.02
	48	34.80	15.41	40.60	17.82	51.80	24.12	51.70	24.10	51.70	24.08	51.60	24.05	51.00	24.34
	50	34.80	16.44	40.60	19.01	46.80	22.57	46.80	22.57	46.80	22.62	46.80	22.59	46.20	22.84
	52	34.80	17.54	40.60	20.28	42.30	21.28	42.20	21.25	42.20	21.24	42.20	21.23	41.60	21.46
100	10	10.10	0.81	16.20	1.29	22.90	1.83	24.50	1.96	26.10	2.09	27.80	2.23	29.60	2.39
	12	10.10	0.81	16.20	1.29	22.90	1.84	24.50	1.97	26.10	2.10	27.80	2.24	29.60	2.41
	14	10.10	0.81	16.20	1.30	22.90	1.85	24.50	1.98	26.10	2.12	27.80	2.26	29.60	2.44
	16	10.10	0.81	16.20	1.30	22.90	1.87	24.50	2.01	26.10	2.15	27.80	2.30	29.60	2.49
	18	10.10	0.82	16.20	1.32	22.90	1.91	24.50	2.06	26.10	2.21	27.80	2.37	29.60	2.60
	20	10.10	0.83	16.20	1.35	22.90	2.02	24.50	2.19	26.10	2.37	27.80	2.57	29.60	2.90
	21	11.40	0.98	17.40	1.57	24.10	2.44	25.70	2.68	27.30	2.95	28.90	3.24	30.60	3.92
	23	14.10	2.72	20.00	3.24	26.70	3.93	28.20	4.10	29.70	4.28	31.10	4.44	32.60	4.72
	25	16.80	3.25	22.70	3.88	29.20	4.74	30.70	4.94	32.10	5.16	33.30	5.33	34.60	5.66
	27	19.60	3.96	25.40	4.73	31.90	5.80	33.20	6.04	34.60	6.30	35.60	6.48	38.70	7.27
	29	22.50	4.91	28.10	5.84	34.60	7.17	35.90	7.44	37.20	7.73	39.50	8.24	45.70	9.99
	31	25.50	6.13	31.00	7.14	37.40	8.63	38.60	8.93	41.90	9.79	46.70	11.14	52.80	13.37
	33	28.50	7.48	33.90	8.65	40.20	10.41	44.30	11.64	49.30	13.29	53.90	14.93	59.80	17.75
	35	31.60	9.15	36.90	10.51	47.20	14.03	51.60	15.76	56.60	17.83	61.10	19.82	66.90	23.37
	37	31.60	9.76	36.90	11.21	47.20	14.97	51.60	16.81	56.60	19.02	61.10	21.15	66.90	24.96
	39	31.60	10.41	36.90	11.96	47.20	15.97	51.60	17.93	56.60	20.29	61.10	22.58	66.90	26.69
	41	31.60	11.11	36.90	12.76	47.20	17.03	51.60	19.13	56.60	21.66	61.10	24.11	66.90	28.59
	43	31.60	11.86	36.90	13.62	47.20	18.17	51.60	20.41	56.60	23.12	61.10	25.78	64.40	28.87
	46	31.60	13.08	36.90	15.02	47.20	20.02	51.60	22.50	56.60	25.55	56.90	25.73	56.20	26.07
	48	31.60	13.96	36.90	16.02	47.20	21.36	51.60	24.04	51.70	24.08	51.70	24.06	51.00	24.36
	50	31.60	14.91	36.90	17.09	46.90	22.61	46.80	22.59	46.80	22.57	46.80	22.62	46.10	22.81
	52	31.60	15.91	36.90	18.23	42.20	21.24	42.20	21.24	42.30	21.29	42.20	21.27	41.70	21.49
90	10	9.10	0.73	14.60	1.16	20.60	1.64	22.10	1.76	23.50	1.88	25.00	2.00	26.60	2.15
	12	9.10	0.73	14.60	1.16	20.60	1.65	22.10	1.77	23.50	1.89	25.00	2.01	26.60	2.16
	14	9.10	0.73	14.60	1.16	20.60	1.66	22.10	1.78	23.50	1.90	25.00	2.03	26.60	2.18
	16	9.10	0.73	14.60	1.17	20.60	1.67	22.10	1.80	23.50	1.92	25.00	2.05	26.60	2.22
	18	9.10	0.74	14.60	1.18	20.60	1.70	22.10	1.83	23.50	1.97	25.00	2.11	26.60	2.30
	20	9.10	0.75	14.60	1.21	20.60	1.78	22.10	1.93	23.50	2.08	25.00	2.25	26.60	2.51
	21	10.30	0.87	15.70	1.38	21.70	2.10	23.10	2.29	24.60	2.51	26.00	2.73	27.50	3.24
	23	12.70	2.59	18.00	3.04	24.00	3.64	25.30	3.79	26.70	3.94	28.00	4.08	29.30	4.32
	25	15.10	3.06	20.40	3.61	26.30	4.35	27.60	4.52	28.90	4.70	30.00	4.84	31.10	5.12
	27	17.70	3.68	22.80	4.34	28.70	5.26	29.90	5.46	31.20	5.68	32.00	5.82	34.80	6.48
	29	20.30	4.51	25.30	5.31	31.10	6.43	32.30	6.67	33.50	6.93	35.50	7.37	41.20	8.84
	31	22.90	5.61	27.90	6.49	33.60	7.74	34.70	7.99	37.70	8.71	42.00	9.83	47.50	11.68

8. ARUM220LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	25.70	6.81	30.50	7.79	36.20	9.27	39.80	10.30	44.30	11.67	48.50	13.03	53.90	15.34
	35	28.50	8.26	33.20	9.39	42.50	12.34	46.50	13.77	51.00	15.48	54.90	17.12	60.20	20.00
	37	28.50	8.79	33.20	10.01	42.50	13.16	46.50	14.69	51.00	16.52	54.90	18.26	60.20	21.34
	39	28.50	9.38	33.20	10.68	42.50	14.04	46.50	15.67	51.00	17.62	54.90	19.48	60.20	22.78
	41	28.50	10.00	33.20	11.40	42.50	14.98	46.50	16.72	51.00	18.80	54.90	20.78	60.20	24.34
	43	28.50	10.68	33.20	12.17	42.50	15.99	46.50	17.84	51.00	20.05	54.90	22.18	60.20	26.02
	46	28.50	11.79	33.20	13.43	42.50	17.61	46.50	19.65	51.00	22.11	54.90	24.49	56.20	26.05
	48	28.50	12.59	33.20	14.34	42.50	18.79	46.50	20.97	51.00	23.61	51.80	24.11	51.10	24.37
	50	28.50	13.45	33.20	15.30	42.50	20.04	46.50	22.38	46.80	22.60	46.80	22.57	46.20	22.85
	52	28.50	14.37	33.20	16.33	42.30	21.27	42.20	21.26	42.20	21.24	42.30	21.28	41.60	21.46
80	10	8.10	0.65	12.90	1.03	18.30	1.46	19.60	1.56	20.90	1.67	22.30	1.78	23.70	1.91
	12	8.10	0.65	12.90	1.03	18.30	1.46	19.60	1.57	20.90	1.67	22.30	1.78	23.70	1.92
	14	8.10	0.65	12.90	1.03	18.30	1.47	19.60	1.58	20.90	1.68	22.30	1.79	23.70	1.93
	16	8.10	0.65	12.90	1.04	18.30	1.48	19.60	1.59	20.90	1.70	22.30	1.81	23.70	1.95
	18	8.10	0.65	12.90	1.05	18.30	1.50	19.60	1.61	20.90	1.73	22.30	1.85	23.70	2.01
	20	8.10	0.66	12.90	1.07	18.30	1.56	19.60	1.68	20.90	1.81	22.30	1.95	23.70	2.16
	21	9.10	0.77	14.00	1.20	19.30	1.79	20.60	1.95	21.80	2.11	23.10	2.29	24.50	2.66
	23	11.30	2.47	16.00	2.86	21.30	3.37	22.50	3.49	23.80	3.62	24.90	3.73	26.00	3.94
	25	13.50	2.87	18.10	3.34	23.40	3.97	24.50	4.12	25.70	4.27	26.60	4.39	27.70	4.62
	27	15.70	3.41	20.30	3.98	25.50	4.75	26.60	4.92	27.70	5.10	28.40	5.22	30.90	5.76
	29	18.00	4.13	22.50	4.81	27.70	5.75	28.70	5.95	29.80	6.16	31.60	6.52	36.60	7.78
	31	20.40	5.07	24.80	5.86	29.90	6.91	30.80	7.12	33.50	7.71	37.30	8.62	42.20	10.14
	33	22.80	6.15	27.10	6.99	32.20	8.21	35.40	9.05	39.40	10.17	43.10	11.28	47.90	13.16
	35	25.30	7.42	29.50	8.35	37.70	10.78	41.30	11.95	45.30	13.34	48.80	14.66	53.50	16.98
	37	25.30	7.89	29.50	8.90	37.70	11.50	41.30	12.75	45.30	14.23	48.80	15.64	53.50	18.12
	39	25.30	8.41	29.50	9.49	37.70	12.27	41.30	13.60	45.30	15.18	48.80	16.68	53.50	19.33
	41	25.30	8.97	29.50	10.13	37.70	13.09	41.30	14.51	45.30	16.20	48.80	17.80	53.50	20.62
	43	25.30	9.57	29.50	10.82	37.70	13.97	41.30	15.48	45.30	17.28	48.80	18.98	53.50	22.01
	46	25.30	10.57	29.50	11.94	37.70	15.40	41.30	17.06	45.30	19.04	48.80	20.92	53.50	24.30
	48	25.30	11.30	29.50	12.75	37.70	16.43	41.30	18.20	45.30	20.31	48.80	22.33	51.00	24.34
	50	25.30	12.08	29.50	13.62	37.70	17.53	41.30	19.41	45.30	21.67	46.80	22.60	46.20	22.85
	52	25.30	12.91	29.50	14.55	37.70	18.70	41.30	20.71	42.20	21.25	42.20	21.27	41.60	21.47
70	10	7.10	0.57	11.30	0.90	16.00	1.28	17.20	1.37	18.30	1.46	19.50	1.55	20.70	1.67
	12	7.10	0.57	11.30	0.90	16.00	1.28	17.20	1.37	18.30	1.46	19.50	1.56	20.70	1.67
	14	7.10	0.57	11.30	0.90	16.00	1.28	17.20	1.38	18.30	1.47	19.50	1.57	20.70	1.68
	16	7.10	0.57	11.30	0.91	16.00	1.29	17.20	1.38	18.30	1.48	19.50	1.58	20.70	1.70
	18	7.10	0.57	11.30	0.91	16.00	1.31	17.20	1.40	18.30	1.50	19.50	1.60	20.70	1.74
	20	7.10	0.58	11.30	0.93	16.00	1.34	17.20	1.45	18.30	1.55	19.50	1.67	20.70	1.83
	21	8.00	0.66	12.20	1.03	16.90	1.51	18.00	1.63	19.10	1.77	20.20	1.90	21.40	2.17
	23	9.90	1.86	14.00	2.68	18.70	3.10	19.70	3.21	20.80	3.31	21.70	3.41	22.80	3.58
	25	11.80	2.69	15.90	3.09	20.50	3.61	21.50	3.73	22.50	3.86	23.30	3.96	24.20	4.15
	27	13.70	3.16	17.70	3.63	22.30	4.27	23.30	4.41	24.20	4.56	24.90	4.66	27.10	5.10
	29	15.80	3.76	19.70	4.33	24.20	5.11	25.10	5.27	26.00	5.44	27.60	5.74	32.00	6.77
	31	17.80	4.56	21.70	5.23	26.20	6.14	27.00	6.31	29.30	6.79	32.70	7.52	37.00	8.73
	33	20.00	5.50	23.70	6.22	28.20	7.23	31.00	7.91	34.50	8.81	37.70	9.69	41.90	11.19
	35	22.10	6.61	25.80	7.39	33.00	9.34	36.20	10.28	39.60	11.39	42.70	12.43	46.80	14.28
	37	22.10	7.02	25.80	7.86	33.00	9.96	36.20	10.96	39.60	12.15	42.70	13.27	46.80	15.23
	39	22.10	7.48	25.80	8.38	33.00	10.63	36.20	11.70	39.60	12.96	42.70	14.16	46.80	16.24
	41	22.10	7.99	25.80	8.94	33.00	11.34	36.20	12.49	39.60	13.83	42.70	15.10	46.80	17.33
	43	22.10	8.53	25.80	9.55	33.00	12.11	36.20	13.33	39.60	14.76	42.70	16.11	46.80	18.48
	46	22.10	9.42	25.80	10.54	33.00	13.36	36.20	14.69	39.60	16.27	42.70	17.75	46.80	20.37

8. ARUM220LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	22.10	10.08	25.80	11.27	33.00	14.26	36.20	15.68	39.60	17.35	42.70	18.93	46.80	21.74
	50	22.10	10.78	25.80	12.05	33.00	15.22	36.20	16.73	39.60	18.51	42.70	20.20	46.20	22.85
	52	22.10	11.53	25.80	12.88	33.00	16.24	36.20	17.85	39.60	19.75	42.30	21.29	41.70	21.48
60	10	6.10	0.49	9.70	0.77	13.70	1.09	14.70	1.17	15.70	1.25	16.70	1.33	17.80	1.43
	12	6.10	0.49	9.70	0.77	13.70	1.10	14.70	1.17	15.70	1.25	16.70	1.33	17.80	1.43
	14	6.10	0.49	9.70	0.77	13.70	1.10	14.70	1.18	15.70	1.26	16.70	1.34	17.80	1.44
	16	6.10	0.49	9.70	0.78	13.70	1.10	14.70	1.18	15.70	1.26	16.70	1.35	17.80	1.45
	18	6.10	0.49	9.70	0.78	13.70	1.11	14.70	1.19	15.70	1.28	16.70	1.36	17.80	1.47
	20	6.10	0.49	9.70	0.79	13.70	1.14	14.70	1.22	15.70	1.31	16.70	1.40	17.80	1.53
	21	6.80	0.57	10.50	0.87	14.50	1.26	15.40	1.35	16.40	1.45	17.30	1.56	18.30	1.75
	23	8.40	1.33	12.00	1.98	16.00	2.85	16.90	2.94	17.80	3.02	18.60	3.10	19.50	3.24
	25	10.40	2.57	13.60	2.85	17.50	3.28	18.40	3.37	19.30	3.47	20.00	3.56	20.80	3.71
	27	11.80	2.91	15.20	3.29	19.10	3.82	19.90	3.93	20.80	4.05	21.30	4.13	23.20	4.49
	29	13.50	3.41	16.90	3.87	20.80	4.51	21.50	4.64	22.30	4.77	23.70	5.01	27.40	5.83
	31	15.30	4.07	18.60	4.62	22.40	5.38	23.10	5.53	25.10	5.93	28.00	6.52	31.70	7.47
	33	17.10	4.88	20.30	5.47	24.10	6.31	26.60	6.87	29.60	7.56	32.30	8.25	35.90	9.41
	35	19.00	5.80	22.10	6.46	28.30	8.03	31.00	8.76	34.00	9.62	36.60	10.43	40.10	11.85
	37	19.00	6.14	22.10	6.86	28.30	8.55	31.00	9.34	34.00	10.26	36.60	11.12	40.10	12.64
	39	19.00	6.52	22.10	7.31	28.30	9.12	31.00	9.96	34.00	10.95	36.60	11.87	40.10	13.49
	41	19.00	6.94	22.10	7.80	28.30	9.73	31.00	10.63	34.00	11.68	36.60	12.67	40.10	14.39
	43	19.00	7.41	22.10	8.35	28.30	10.39	31.00	11.35	34.00	12.47	36.60	13.52	40.10	15.35
	46	19.00	8.19	22.10	9.24	28.30	11.48	31.00	12.53	34.00	13.76	36.60	14.91	40.10	16.92
	48	19.00	8.78	22.10	9.88	28.30	12.26	31.00	13.38	34.00	14.68	36.60	15.91	40.10	18.05
	50	19.00	9.44	22.10	10.57	28.30	13.10	31.00	14.29	34.00	15.67	36.60	16.97	40.10	19.25
	52	19.00	10.15	22.10	11.31	28.30	13.99	31.00	15.25	34.00	16.72	36.60	18.10	40.10	20.54
50	10	5.00	0.46	8.10	0.64	11.50	0.91	12.30	0.98	13.10	1.04	13.90	1.11	14.80	1.19
	12	5.00	0.46	8.10	0.64	11.50	0.91	12.30	0.98	13.10	1.04	13.90	1.11	14.80	1.19
	14	5.00	0.46	8.10	0.65	11.50	0.91	12.30	0.98	13.10	1.04	13.90	1.11	14.80	1.19
	16	5.00	0.46	8.10	0.65	11.50	0.92	12.30	0.98	13.10	1.05	13.90	1.12	14.80	1.20
	18	5.00	0.46	8.10	0.65	11.50	0.92	12.30	0.99	13.10	1.06	13.90	1.13	14.80	1.22
	20	5.00	0.47	8.10	0.66	11.50	0.94	12.30	1.01	13.10	1.08	13.90	1.15	14.80	1.25
	21	5.70	0.47	8.70	0.72	12.10	1.02	12.90	1.10	13.70	1.17	14.40	1.25	15.30	1.38
	23	7.00	0.93	10.00	1.36	13.30	2.52	14.10	2.68	14.80	2.75	15.50	2.81	16.30	2.92
	25	10.10	2.59	11.30	2.61	14.60	2.96	15.30	3.03	16.10	3.11	16.60	3.18	17.30	3.30
	27	10.00	2.69	12.70	2.97	15.90	3.39	16.60	3.48	17.30	3.57	17.80	3.63	19.30	3.92
	29	11.30	3.08	14.10	3.44	17.30	3.94	17.90	4.04	18.60	4.15	19.70	4.34	22.90	4.97
	31	12.70	3.61	15.50	4.04	18.70	4.64	19.30	4.75	20.90	5.08	23.30	5.57	26.40	6.33
	33	14.30	4.28	16.90	4.75	20.10	5.42	22.10	5.86	24.60	6.43	26.90	6.95	29.90	7.82
	35	15.80	5.02	18.40	5.54	23.60	6.83	25.80	7.39	28.30	8.03	30.50	8.63	33.40	9.69
	37	15.80	5.30	18.40	5.87	23.60	7.27	25.80	7.87	28.30	8.56	30.50	9.20	33.40	10.34
	39	15.80	5.61	18.40	6.23	23.60	7.75	25.80	8.38	28.30	9.12	30.50	9.81	33.40	11.03
	41	15.80	5.95	18.40	6.62	23.60	8.26	25.80	8.94	28.30	9.74	30.50	10.48	33.40	11.77
	43	15.80	6.32	18.40	7.06	23.60	8.82	25.80	9.55	28.30	10.40	30.50	11.18	33.40	12.56
	46	15.80	6.96	18.40	7.80	23.60	9.74	25.80	10.55	28.30	11.48	30.50	12.34	33.40	13.85
	48	15.80	7.43	18.40	8.36	23.60	10.42	25.80	11.27	28.30	12.26	30.50	13.18	33.40	14.79
	50	15.80	7.96	18.40	8.97	23.60	11.14	25.80	12.05	28.30	13.10	30.50	14.08	33.40	15.78
	52	15.80	8.54	18.40	9.64	23.60	11.92	25.80	12.88	28.30	14.00	30.50	15.03	33.40	16.84

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

8.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	38.50	17.92	38.20	18.07	37.90	18.22	37.70	18.30	37.60	18.37	37.30	18.52
	-24.8	-25	44.90	18.81	44.60	18.98	44.20	19.15	44.10	19.23	43.90	19.31	43.60	19.48
	-21.8	-22	48.90	19.32	48.60	19.50	48.20	19.68	48.00	19.77	47.80	19.85	47.50	20.03
	-19.8	-20	51.80	19.66	51.40	19.85	51.00	20.03	50.80	20.12	50.60	20.22	50.20	20.39
	-18.8	-19	53.20	19.83	52.80	20.02	52.40	20.21	52.20	20.30	52.00	20.40	51.70	20.58
	-16.7	-17	56.20	20.18	55.80	20.37	55.40	20.57	55.20	20.67	55.00	20.76	54.60	20.95
	-15	-15.9	58.00	20.38	57.60	20.58	57.20	20.78	57.00	20.87	56.80	20.97	56.40	21.16
	-13.7	-15	59.80	20.57	59.40	20.78	59.00	20.98	58.80	21.08	58.60	21.18	58.20	21.38
	-11.8	-13	62.80	20.88	62.30	21.09	61.80	21.30	61.60	21.41	61.40	21.51	61.00	21.71
	-9.8	-11	66.20	21.23	65.70	21.45	65.20	21.67	65.00	21.77	64.70	21.88	64.30	22.08
	-9.5	-10	67.80	21.40	67.30	21.62	66.80	21.84	66.60	21.94	66.30	22.05	65.90	22.26
	-8.5	-9.1	69.50	21.56	68.90	21.78	68.40	22.01	68.20	22.11	67.90	22.22	67.40	22.43
	-7	-7.6	72.20	21.83	71.70	22.06	71.20	22.28	70.90	22.39	70.60	22.50	70.10	22.72
	-5	-5.6	76.10	22.19	75.50	22.43	74.90	22.66	74.70	22.77	74.40	22.89	73.80	23.11
	-3	-3.7	79.90	22.54	79.30	22.79	78.70	23.03	78.40	23.14	78.10	23.26	77.50	23.48
	0	-0.7	86.10	23.10	85.50	23.36	84.80	23.60	84.50	23.72	84.20	23.84	78.80	22.04
	3	2.2	92.40	23.65	91.60	23.91	90.10	23.80	87.30	22.90	84.40	22.01	78.80	20.27
	5	4.1	96.50	24.00	95.70	24.24	90.10	22.51	87.30	21.67	84.40	20.84	78.80	19.21
	7	6	100.8	24.37	95.70	22.90	90.10	21.28	87.30	20.48	84.40	19.70	78.80	18.16
	9	7.9	101.3	23.14	95.70	21.58	90.10	20.07	87.30	19.32	84.40	18.59	78.80	17.15
	11	9.8	101.3	21.78	95.70	20.33	90.10	18.92	87.30	18.22	84.40	17.54	78.80	16.20
	13	11.8	101.3	20.42	95.70	19.08	90.10	17.76	87.30	17.12	84.40	16.48	78.80	15.24
	15	13.7	101.3	19.20	95.70	17.95	90.10	16.73	87.30	16.13	84.40	15.53	78.80	14.37
120	-30	-30.2	38.30	18.00	38.00	18.15	37.70	18.30	37.60	18.37	37.50	18.45	37.20	18.59
	-24.8	-25	44.70	18.91	44.40	19.08	44.00	19.25	43.90	19.33	43.70	19.41	43.40	19.57
	-21.8	-22	48.70	19.44	48.30	19.62	48.00	19.79	47.80	19.88	47.60	19.97	47.30	20.14
	-19.8	-20	51.50	19.79	51.10	19.98	50.70	20.16	50.50	20.25	50.40	20.34	50.00	20.51
	-18.8	-19	52.90	19.97	52.50	20.16	52.10	20.34	52.00	20.44	51.80	20.53	51.40	20.70
	-16.7	-17	55.90	20.33	55.50	20.52	55.10	20.72	54.90	20.81	54.70	20.90	54.30	21.09
	-15	-15.9	57.70	20.54	57.30	20.74	56.90	20.93	56.60	21.03	56.40	21.12	56.00	21.31
	-13.7	-15	59.50	20.74	59.00	20.95	58.60	21.15	58.40	21.25	58.20	21.34	57.80	21.54
	-11.8	-13	62.40	21.07	61.90	21.28	61.50	21.48	61.20	21.58	61.00	21.68	60.60	21.88
	-9.8	-11	65.70	21.43	65.20	21.65	64.80	21.86	64.50	21.96	64.30	22.07	63.80	22.27
	-9.5	-10	67.30	21.61	66.90	21.83	66.40	22.04	66.10	22.14	65.90	22.25	65.40	22.45
	-8.5	-9.1	69.00	21.78	68.40	22.00	67.90	22.21	67.70	22.32	67.50	22.43	67.00	22.63
	-7	-7.6	71.70	22.06	71.10	22.29	70.60	22.51	70.40	22.62	70.10	22.72	69.60	22.93
	-5	-5.6	75.40	22.45	74.90	22.68	74.30	22.90	74.10	23.02	73.80	23.12	72.80	23.10
	-3	-3.7	79.20	22.82	78.60	23.06	78.00	23.29	77.70	23.40	77.50	23.51	72.80	21.85
	0	-0.7	85.30	23.42	84.70	23.66	83.10	23.51	80.60	22.63	78.00	21.75	72.80	20.04
	3	2.2	91.40	24.00	88.30	23.24	83.10	21.61	80.60	20.80	78.00	20.01	72.80	18.46
	5	4.1	93.50	23.57	88.30	21.99	83.10	20.46	80.60	19.71	78.00	18.96	72.80	17.50
	7	6	93.50	22.27	88.30	20.79	83.10	19.34	80.60	18.63	78.00	17.93	72.80	16.56
	9	7.9	93.50	20.99	88.30	19.61	83.10	18.26	80.60	17.59	78.00	16.94	72.80	15.65
	11	9.8	93.50	19.78	88.30	18.49	83.10	17.22	80.60	16.60	78.00	15.99	72.80	14.79
	13	11.8	93.50	18.57	88.30	17.37	83.10	16.19	80.60	15.62	78.00	15.05	72.80	13.93

8. ARUM220LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	93.50	17.48	88.30	16.36	83.10	15.26	80.60	14.72	78.00	14.19	72.80	13.15
110	-30	-30.2	38.10	18.09	37.90	18.24	37.60	18.39	37.40	18.46	37.30	18.53	37.00	18.68
	-24.8	-25	44.50	19.03	44.10	19.20	43.80	19.36	43.60	19.44	43.50	19.52	43.20	19.68
	-21.8	-22	48.40	19.58	48.00	19.76	47.70	19.93	47.50	20.01	47.30	20.10	47.00	20.26
	-19.8	-20	51.20	19.95	50.80	20.13	50.40	20.31	50.20	20.40	50.10	20.48	49.70	20.66
	-18.8	-19	52.60	20.13	52.20	20.32	51.80	20.50	51.60	20.59	51.40	20.68	51.10	20.85
	-16.7	-17	55.50	20.51	55.10	20.70	54.70	20.89	54.50	20.98	54.30	21.07	53.90	21.25
	-15	-15.9	57.30	20.73	56.90	20.92	56.50	21.11	56.30	21.21	56.10	21.30	55.70	21.48
	-13.7	-15	59.10	20.94	58.60	21.14	58.20	21.34	58.00	21.44	57.80	21.53	57.40	21.72
	-11.8	-13	61.90	21.28	61.40	21.49	61.00	21.69	60.80	21.78	60.60	21.88	60.10	22.07
	-9.8	-11	65.20	21.67	64.70	21.88	64.30	22.08	64.00	22.18	63.80	22.28	63.30	22.48
	-9.5	-10	66.80	21.85	66.30	22.06	65.80	22.27	65.60	22.37	65.40	22.47	64.90	22.67
	-8.5	-9.1	68.40	22.03	67.90	22.25	67.40	22.46	67.10	22.56	66.90	22.66	66.40	22.86
	-7	-7.6	71.00	22.33	70.50	22.55	70.00	22.77	69.80	22.87	69.50	22.97	66.70	22.04
	-5	-5.6	74.70	22.74	74.20	22.97	73.60	23.18	73.40	23.29	71.50	22.61	66.70	20.82
	-3	-3.7	78.40	23.14	77.80	23.37	76.20	23.11	73.80	22.24	71.50	21.39	66.70	19.72
	0	-0.7	84.40	23.78	81.00	22.77	76.20	21.18	73.80	20.40	71.50	19.62	66.70	18.11
	3	2.2	85.70	22.42	81.00	20.94	76.20	19.49	73.80	18.78	71.50	18.08	66.70	16.70
	5	4.1	85.70	21.22	81.00	19.83	76.20	18.47	73.80	17.80	71.50	17.14	66.70	15.85
	7	6	85.70	20.06	81.00	18.75	76.20	17.47	73.80	16.84	71.50	16.22	66.70	15.00
	9	7.9	85.70	18.93	81.00	17.70	76.20	16.51	73.80	15.92	71.50	15.34	66.70	14.19
	11	9.8	85.70	17.85	81.00	16.71	76.20	15.59	73.80	15.04	71.50	14.49	66.70	13.42
	13	11.8	85.70	16.78	81.00	15.71	76.20	14.67	73.80	14.16	71.50	13.65	66.70	12.66
	15	13.7	85.70	15.81	81.00	14.81	76.20	13.84	73.80	13.36	71.50	12.89	66.70	11.96
100	-30	-30.2	37.90	18.20	37.60	18.35	37.40	18.49	37.20	18.56	37.10	18.64	36.80	18.78
	-24.8	-25	44.20	19.18	43.80	19.34	43.50	19.50	43.40	19.58	43.20	19.66	42.90	19.81
	-21.8	-22	48.10	19.75	47.70	19.92	47.40	20.09	47.20	20.17	47.00	20.25	46.70	20.42
	-19.8	-20	50.80	20.13	50.40	20.31	50.10	20.48	49.90	20.57	49.70	20.65	49.30	20.82
	-18.8	-19	52.20	20.32	51.80	20.51	51.40	20.68	51.30	20.77	51.10	20.86	50.70	21.03
	-16.7	-17	55.10	20.72	54.70	20.90	54.30	21.09	54.10	21.18	53.90	21.27	53.50	21.44
	-15	-15.9	56.80	20.95	56.40	21.14	56.00	21.32	55.80	21.41	55.60	21.50	55.20	21.68
	-13.7	-15	58.60	21.18	58.20	21.37	57.80	21.56	57.60	21.66	57.40	21.75	57.00	21.93
	-11.8	-13	61.30	21.53	60.90	21.73	60.50	21.93	60.20	22.02	60.00	22.11	59.60	22.30
	-9.8	-11	64.60	21.94	64.10	22.15	63.70	22.35	63.40	22.44	63.20	22.54	60.60	21.62
	-9.5	-10	66.10	22.14	65.70	22.34	65.20	22.54	65.00	22.64	64.70	22.74	60.60	21.07
	-8.5	-9.1	67.70	22.33	67.20	22.54	66.70	22.74	66.50	22.84	65.00	22.29	60.60	20.54
	-7	-7.6	70.30	22.65	69.80	22.86	69.30	23.07	67.10	22.21	65.00	21.36	60.60	19.70
	-5	-5.6	73.90	23.08	73.40	23.30	69.30	21.79	67.10	20.98	65.00	20.19	60.60	18.63
	-3	-3.7	77.50	23.51	73.60	22.17	69.30	20.62	67.10	19.87	65.00	19.12	60.60	17.65
	0	-0.7	78.00	21.75	73.60	20.32	69.30	18.93	67.10	18.24	65.00	17.57	60.60	16.24
	3	2.2	78.00	20.01	73.60	18.71	69.30	17.45	67.10	16.82	65.00	16.21	60.60	14.99
	5	4.1	78.00	18.96	73.60	17.74	69.30	16.55	67.10	15.96	65.00	15.38	60.60	14.24
	7	6	78.00	17.93	73.60	16.78	69.30	15.66	67.10	15.11	65.00	14.56	60.60	13.49
	9	7.9	78.00	16.94	73.60	15.86	69.30	14.81	67.10	14.30	65.00	13.78	60.60	12.78
	11	9.8	78.00	15.99	73.60	14.99	69.30	14.00	67.10	13.52	65.00	13.04	60.60	12.10
	13	11.8	78.00	15.05	73.60	14.11	69.30	13.20	67.10	12.75	65.00	12.30	60.60	11.42
	15	13.7	78.00	14.19	73.60	13.32	69.30	12.47	67.10	12.05	65.00	11.63	60.60	10.81

8. ARUM220LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	37.70	18.33	37.40	18.48	37.10	18.62	37.00	18.69	36.90	18.76	36.60	18.90
	-24.8	-25	43.80	19.35	43.50	19.51	43.20	19.66	43.00	19.74	42.90	19.82	42.60	19.97
	-21.8	-22	47.70	19.95	47.30	20.11	47.00	20.28	46.80	20.36	46.60	20.44	46.30	20.60
	-19.8	-20	50.30	20.35	50.00	20.52	49.60	20.69	49.40	20.78	49.30	20.86	48.90	21.02
	-18.8	-19	51.70	20.55	51.30	20.73	51.00	20.90	50.80	20.99	50.60	21.07	50.30	21.23
	-16.7	-17	54.60	20.97	54.20	21.15	53.80	21.33	53.60	21.41	53.40	21.50	53.00	21.67
	-15	-15.9	56.20	21.21	55.80	21.39	55.50	21.57	55.30	21.66	55.10	21.75	54.60	21.84
	-13.7	-15	58.00	21.46	57.60	21.65	57.20	21.83	57.00	21.92	56.80	22.01	54.60	21.13
	-11.8	-13	60.70	21.83	60.20	22.02	59.80	22.21	59.60	22.31	58.50	21.86	54.60	20.14
	-9.8	-11	63.80	22.27	63.40	22.46	62.40	22.35	60.40	21.53	58.50	20.71	54.60	19.12
	-9.5	-10	65.40	22.48	64.90	22.67	62.40	21.78	60.40	20.98	58.50	20.19	54.60	18.64
	-8.5	-9.1	66.90	22.68	66.30	22.82	62.40	21.23	60.40	20.46	58.50	19.69	54.60	18.18
	-7	-7.6	69.40	23.02	66.30	21.87	62.40	20.36	60.40	19.62	58.50	18.89	54.60	17.45
	-5	-5.6	70.20	22.11	66.30	20.67	62.40	19.25	60.40	18.55	58.50	17.86	54.60	16.51
	-3	-3.7	70.20	20.93	66.30	19.57	62.40	18.24	60.40	17.58	58.50	16.93	54.60	15.66
	0	-0.7	70.20	19.21	66.30	17.97	62.40	16.76	60.40	16.17	58.50	15.58	54.60	14.43
	3	2.2	70.20	17.70	66.30	16.57	62.40	15.48	60.40	14.94	58.50	14.40	54.60	13.35
	5	4.1	70.20	16.79	66.30	15.73	62.40	14.69	60.40	14.18	58.50	13.68	54.60	12.68
	7	6	70.20	15.88	66.30	14.89	62.40	13.92	60.40	13.44	58.50	12.96	54.60	12.03
	9	7.9	70.20	15.02	66.30	14.09	62.40	13.18	60.40	12.73	58.50	12.29	54.60	11.41
	11	9.8	70.20	14.20	66.30	13.33	62.40	12.48	60.40	12.06	58.50	11.64	54.60	10.82
	13	11.8	70.20	13.38	66.30	12.57	62.40	11.77	60.40	11.38	58.50	10.99	54.60	10.23
	15	13.7	70.20	12.64	66.30	11.88	62.40	11.14	60.40	10.77	58.50	10.41	54.60	9.69
80	-30	-30.2	37.40	18.49	37.10	18.63	36.80	18.77	36.70	18.84	36.60	18.91	36.30	19.05
	-24.8	-25	43.40	19.56	43.10	19.71	42.80	19.86	42.60	19.94	42.50	20.01	42.20	20.16
	-21.8	-22	47.20	20.19	46.80	20.35	46.50	20.51	46.30	20.59	46.20	20.66	45.90	20.82
	-19.8	-20	49.80	20.61	49.40	20.78	49.10	20.95	48.90	21.03	48.70	21.11	48.40	21.26
	-18.8	-19	51.10	20.83	50.80	21.00	50.40	21.17	50.20	21.25	50.10	21.33	48.50	20.75
	-16.7	-17	53.90	21.27	53.50	21.44	53.10	21.62	53.00	21.70	52.00	21.30	48.50	19.67
	-15	-15.9	55.50	21.53	55.20	21.71	54.80	21.88	53.70	21.43	52.00	20.62	48.50	19.02
	-13.7	-15	57.30	21.80	56.90	21.98	55.40	21.53	53.70	20.73	52.00	19.95	48.50	18.41
	-11.8	-13	59.90	22.20	58.90	22.06	55.40	20.52	53.70	19.76	52.00	19.01	48.50	17.55
	-9.8	-11	62.40	22.35	58.90	20.90	55.40	19.47	53.70	18.77	52.00	18.08	48.50	16.69
	-9.5	-10	62.40	21.78	58.90	20.36	55.40	18.98	53.70	18.30	52.00	17.62	48.50	16.30
	-8.5	-9.1	62.40	21.23	58.90	19.86	55.40	18.51	53.70	17.85	52.00	17.19	48.50	15.90
	-7	-7.6	62.40	20.36	58.90	19.05	55.40	17.76	53.70	17.13	52.00	16.51	48.50	15.28
	-5	-5.6	62.40	19.25	58.90	18.02	55.40	16.81	53.70	16.22	52.00	15.63	48.50	14.47
	-3	-3.7	62.40	18.24	58.90	17.08	55.40	15.94	53.70	15.38	52.00	14.83	48.50	13.75
	0	-0.7	62.40	16.76	58.90	15.71	55.40	14.68	53.70	14.18	52.00	13.67	48.50	12.69
	3	2.2	62.40	15.48	58.90	14.52	55.40	13.58	53.70	13.12	52.00	12.66	48.50	11.76
	5	4.1	62.40	14.69	58.90	13.79	55.40	12.90	53.70	12.47	52.00	12.03	48.50	11.18
	7	6	62.40	13.92	58.90	13.07	55.40	12.24	53.70	11.83	52.00	11.42	48.50	10.62
	9	7.9	62.40	13.18	58.90	12.38	55.40	11.60	53.70	11.22	52.00	10.84	48.50	10.09
	11	9.8	62.40	12.48	58.90	11.73	55.40	11.00	53.70	10.64	52.00	10.28	48.50	9.58
	13	11.8	62.40	11.77	58.90	11.08	55.40	10.40	53.70	10.06	52.00	9.73	48.50	9.07
	15	13.7	62.40	11.14	58.90	10.49	55.40	9.85	53.70	9.54	52.00	9.22	48.50	8.61
70	-30	-30.2	37.00	18.70	36.70	18.83	36.50	18.97	36.30	19.04	36.20	19.10	36.00	19.23

8. ARUM220LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	42.90	19.82	42.60	19.97	42.30	20.12	42.10	20.19	42.00	20.26	41.70	20.40
	-21.8	-22	46.50	20.49	46.20	20.64	45.90	20.80	45.70	20.87	45.50	20.87	42.40	19.29
	-19.8	-20	49.10	20.94	48.70	21.10	48.40	21.26	47.00	20.55	45.50	19.79	42.40	18.29
	-18.8	-19	50.40	21.17	50.00	21.34	48.50	20.75	47.00	20.01	45.50	19.27	42.40	17.82
	-16.7	-17	53.10	21.65	51.50	21.10	48.50	19.67	47.00	18.96	45.50	18.27	42.40	16.90
	-15	-15.9	54.60	21.84	51.50	20.42	48.50	19.02	47.00	18.33	45.50	17.65	42.40	16.32
	-13.7	-15	54.60	21.13	51.50	19.75	48.50	18.41	47.00	17.74	45.50	17.09	42.40	15.80
	-11.8	-13	54.60	20.14	51.50	18.83	48.50	17.55	47.00	16.92	45.50	16.30	42.40	15.07
	-9.8	-11	54.60	19.12	51.50	17.91	48.50	16.69	47.00	16.10	45.50	15.51	42.40	14.35
	-9.5	-10	54.60	18.64	51.50	17.46	48.50	16.30	47.00	15.73	45.50	15.16	42.40	14.05
	-8.5	-9.1	54.60	18.18	51.50	17.03	48.50	15.91	47.00	15.35	45.50	14.80	42.40	13.72
	-7	-7.6	54.60	17.45	51.50	16.35	48.50	15.28	47.00	14.75	45.50	14.22	42.40	13.19
	-5	-5.6	54.60	16.51	51.50	15.48	48.50	14.47	47.00	13.98	45.50	13.48	42.40	12.52
	-3	-3.7	54.60	15.66	51.50	14.70	48.50	13.75	47.00	13.28	45.50	12.81	42.40	11.90
	0	-0.7	54.60	14.43	51.50	13.55	48.50	12.69	47.00	12.26	45.50	11.84	42.40	11.01
	3	2.2	54.60	13.35	51.50	12.55	48.50	11.76	47.00	11.37	45.50	10.99	42.40	10.23
	5	4.1	54.60	12.68	51.50	11.93	48.50	11.18	47.00	10.82	45.50	10.45	42.40	9.74
	7	6	54.60	12.03	51.50	11.32	48.50	10.62	47.00	10.28	45.50	9.94	42.40	9.27
	9	7.9	54.60	11.41	51.50	10.75	48.50	10.09	47.00	9.77	45.50	9.45	42.40	8.81
	11	9.8	54.60	10.82	51.50	10.20	48.50	9.58	47.00	9.28	45.50	8.98	42.40	8.38
	13	11.8	54.60	10.23	51.50	9.64	48.50	9.07	47.00	8.79	45.50	8.51	42.40	7.95
	15	13.7	54.60	9.69	51.50	9.15	48.50	8.61	47.00	8.34	45.50	8.08	42.40	7.56
60	-30	-30.2	36.50	18.96	36.20	19.09	36.00	19.22	35.90	19.29	35.70	19.35	35.50	19.47
	-24.8	-25	42.20	20.16	41.90	20.30	41.60	20.40	40.30	19.68	39.00	18.96	36.40	17.55
	-21.8	-22	45.70	20.87	44.20	20.19	41.60	18.84	40.30	18.18	39.00	17.52	36.40	16.23
	-19.8	-20	46.80	20.44	44.20	19.15	41.60	17.87	40.30	17.25	39.00	16.63	36.40	15.41
	-18.8	-19	46.80	19.90	44.20	18.64	41.60	17.41	40.30	16.80	39.00	16.20	36.40	15.01
	-16.7	-17	46.80	18.87	44.20	17.68	41.60	16.52	40.30	15.94	39.00	15.37	36.40	14.25
	-15	-15.9	46.80	18.24	44.20	17.08	41.60	15.95	40.30	15.39	39.00	14.84	36.40	13.75
	-13.7	-15	46.80	17.65	44.20	16.53	41.60	15.44	40.30	14.90	39.00	14.37	36.40	13.32
	-11.8	-13	46.80	16.83	44.20	15.77	41.60	14.73	40.30	14.22	39.00	13.71	36.40	12.71
	-9.8	-11	46.80	16.01	44.20	15.01	41.60	14.02	40.30	13.54	39.00	13.06	36.40	12.11
	-9.5	-10	46.80	15.65	44.20	14.69	41.60	13.74	40.30	13.28	39.00	12.82	36.40	11.91
	-8.5	-9.1	46.80	15.27	44.20	14.34	41.60	13.42	40.30	12.97	39.00	12.52	36.40	11.63
	-7	-7.6	46.80	14.67	44.20	13.78	41.60	12.90	40.30	12.47	39.00	12.04	36.40	11.20
	-5	-5.6	46.80	13.91	44.20	13.07	41.60	12.24	40.30	11.84	39.00	11.43	36.40	10.64
	-3	-3.7	46.80	13.21	44.20	12.42	41.60	11.65	40.30	11.26	39.00	10.88	36.40	10.14
	0	-0.7	46.80	12.20	44.20	11.48	41.60	10.78	40.30	10.43	39.00	10.08	36.40	9.40
	3	2.2	46.80	11.32	44.20	10.66	41.60	10.02	40.30	9.70	39.00	9.38	36.40	8.76
	5	4.1	46.80	10.77	44.20	10.15	41.60	9.54	40.30	9.24	39.00	8.94	36.40	8.35
	7	6	46.80	10.23	44.20	9.65	41.60	9.08	40.30	8.79	39.00	8.51	36.40	7.96
	9	7.9	46.80	9.72	44.20	9.17	41.60	8.64	40.30	8.37	39.00	8.11	36.40	7.59
	11	9.8	46.80	9.23	44.20	8.72	41.60	8.22	40.30	7.97	39.00	7.72	36.40	7.23
	13	11.8	46.80	8.75	44.20	8.27	41.60	7.80	40.30	7.56	39.00	7.33	36.40	6.88
	15	13.7	46.80	8.31	44.20	7.86	41.60	7.42	40.30	7.20	39.00	6.98	36.40	6.55
50	-30	-30.2	35.80	19.31	35.60	19.44	34.60	19.05	33.60	18.38	32.50	17.72	30.30	16.42
	-24.8	-25	39.00	18.96	36.80	17.78	34.60	16.62	33.60	16.05	32.50	15.48	30.30	14.37

8. ARUM220LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	39.00	17.52	36.80	16.44	34.60	15.38	33.60	14.85	32.50	14.33	30.30	13.31
	-19.8	-20	39.00	16.63	36.80	15.61	34.60	14.60	33.60	14.11	32.50	13.62	30.30	12.65
	-18.8	-19	39.00	16.20	36.80	15.21	34.60	14.24	33.60	13.75	32.50	13.28	30.30	12.34
	-16.7	-17	39.00	15.37	36.80	14.44	34.60	13.52	33.60	13.07	32.50	12.62	30.30	11.73
	-15	-15.9	39.00	14.84	36.80	13.93	34.60	13.04	33.60	12.60	32.50	12.16	30.30	11.31
	-13.7	-15	39.00	14.37	36.80	13.49	34.60	12.63	33.60	12.21	32.50	11.79	30.30	10.96
	-11.8	-13	39.00	13.71	36.80	12.88	34.60	12.06	33.60	11.66	32.50	11.26	30.30	10.48
	-9.8	-11	39.00	13.06	36.80	12.27	34.60	11.50	33.60	11.12	32.50	10.74	30.30	9.99
	-9.5	-10	39.00	12.82	36.80	12.06	34.60	11.31	33.60	10.94	32.50	10.58	30.30	9.86
	-8.5	-9.1	39.00	12.52	36.80	11.78	34.60	11.06	33.60	10.70	32.50	10.34	30.30	9.64
	-7	-7.6	39.00	12.04	36.80	11.34	34.60	10.64	33.60	10.30	32.50	9.96	30.30	9.29
	-5	-5.6	39.00	11.43	36.80	10.77	34.60	10.12	33.60	9.80	32.50	9.48	30.30	8.85
	-3	-3.7	39.00	10.88	36.80	10.26	34.60	9.65	33.60	9.34	32.50	9.04	30.30	8.45
	0	-0.7	39.00	10.08	36.80	9.51	34.60	8.95	33.60	8.68	32.50	8.40	30.30	7.86
	3	2.2	39.00	9.38	36.80	8.86	34.60	8.35	33.60	8.10	32.50	7.84	30.30	7.35
	5	4.1	39.00	8.94	36.80	8.45	34.60	7.96	33.60	7.72	32.50	7.49	30.30	7.02
	7	6	39.00	8.51	36.80	8.05	34.60	7.60	33.60	7.37	32.50	7.15	30.30	6.71
	9	7.9	39.00	8.11	36.80	7.67	34.60	7.25	33.60	7.04	32.50	6.83	30.30	6.41
	11	9.8	39.00	7.72	36.80	7.31	34.60	6.91	33.60	6.71	32.50	6.52	30.30	6.13
	13	11.8	39.00	7.33	36.80	6.95	34.60	6.58	33.60	6.39	32.50	6.21	30.30	5.84
	15	13.7	39.00	6.98	36.80	6.63	34.60	6.27	33.60	6.10	32.50	5.93	30.30	5.58

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

8. ARUM220LTE6

8.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	38.50	17.92	38.20	18.07	37.90	18.22	37.70	18.30	37.60	18.37	37.30	18.52
	-24.8	-25	44.90	18.81	44.60	18.98	44.20	19.15	44.10	19.23	43.90	19.31	43.60	19.48
	-21.8	-22	48.90	19.32	48.60	19.50	48.20	19.68	48.00	19.77	47.80	19.85	47.50	20.03
	-19.8	-20	51.80	19.66	51.40	19.85	51.00	20.03	50.80	20.12	50.60	20.22	50.20	20.39
	-18.8	-19	53.20	19.83	52.80	20.02	52.40	20.21	52.20	20.30	52.00	20.40	51.70	20.58
	-16.7	-17	56.20	20.18	55.80	20.37	55.40	20.57	55.20	20.67	55.00	20.76	54.60	20.95
	-15	-15.9	58.00	20.38	57.60	20.58	57.20	20.78	57.00	20.87	56.80	20.97	56.40	21.16
	-13.7	-15	59.80	20.57	59.40	20.78	59.00	20.98	58.80	21.08	58.60	21.18	58.20	21.38
	-11.8	-13	62.80	20.88	62.30	21.09	61.80	21.30	61.60	21.41	61.40	21.51	61.00	21.71
	-9.8	-11	66.20	21.23	65.70	21.45	65.20	21.67	65.00	21.77	64.70	21.88	64.30	22.08
	-9.5	-10	67.80	21.40	67.30	21.62	66.80	21.84	66.60	21.94	66.30	22.05	65.90	22.26
	-8.5	-9.1	69.50	21.56	68.90	21.78	68.40	22.01	68.20	22.11	67.90	22.22	67.40	22.43
	-7	-7.6	72.20	21.83	71.70	22.06	71.20	22.28	70.90	22.39	70.60	22.50	70.10	22.72
	-5	-5.6	76.10	22.19	75.50	22.43	74.90	22.66	74.70	22.77	74.40	22.89	73.80	23.11
	-3	-3.7	79.90	22.54	79.30	22.79	78.70	23.03	78.40	23.14	78.10	23.26	77.50	23.48
	0	-0.7	86.10	23.10	85.50	23.36	84.80	23.60	84.50	23.72	84.20	23.84	78.80	22.04
	3	2.2	92.40	23.65	91.60	23.91	90.10	23.80	87.30	22.90	84.40	22.01	78.80	20.27
	5	4.1	95.90	23.76	90.20	22.05	84.60	20.40	81.70	19.58	78.90	18.78	73.10	17.21
	7	6	90.30	20.35	84.60	18.82	78.90	17.32	76.00	16.58	73.10	15.86	67.30	14.44
	9	7.9	84.60	17.26	78.80	15.89	73.00	14.55	70.10	13.90	67.10	13.25	61.30	11.98
	11	9.8	78.60	14.50	72.80	13.28	66.90	12.10	64.00	11.52	61.00	10.94	55.00	9.82
	13	11.8	72.50	12.01	66.60	10.95	60.60	9.91	57.60	9.40	54.60	8.90	48.60	7.91
	15	13.7	66.10	9.86	60.10	8.94	54.10	8.03	51.10	7.59	48.00	7.15	41.90	6.29
120	-30	-30.2	38.30	18.00	38.00	18.15	37.70	18.30	37.60	18.37	37.50	18.45	37.20	18.59
	-24.8	-25	44.70	18.91	44.40	19.08	44.00	19.25	43.90	19.33	43.70	19.41	43.40	19.57
	-21.8	-22	48.70	19.44	48.30	19.62	48.00	19.79	47.80	19.88	47.60	19.97	47.30	20.14
	-19.8	-20	51.50	19.79	51.10	19.98	50.70	20.16	50.50	20.25	50.40	20.34	50.00	20.51
	-18.8	-19	52.90	19.97	52.50	20.16	52.10	20.34	52.00	20.44	51.80	20.53	51.40	20.70
	-16.7	-17	55.90	20.33	55.50	20.52	55.10	20.72	54.90	20.81	54.70	20.90	54.30	21.09
	-15	-15.9	57.70	20.54	57.30	20.74	56.90	20.93	56.60	21.03	56.40	21.12	56.00	21.31
	-13.7	-15	59.50	20.74	59.00	20.95	58.60	21.15	58.40	21.25	58.20	21.34	57.80	21.54
	-11.8	-13	62.40	21.07	61.90	21.28	61.50	21.48	61.20	21.58	61.00	21.68	60.60	21.88
	-9.8	-11	65.70	21.43	65.20	21.65	64.80	21.86	64.50	21.96	64.30	22.07	63.80	22.27
	-9.5	-10	67.30	21.61	66.90	21.83	66.40	22.04	66.10	22.14	65.90	22.25	65.40	22.45
	-8.5	-9.1	69.00	21.78	68.40	22.00	67.90	22.21	67.70	22.32	67.50	22.43	67.00	22.63
	-7	-7.6	71.70	22.06	71.10	22.29	70.60	22.51	70.40	22.62	70.10	22.72	69.60	22.93
	-5	-5.6	75.40	22.45	74.90	22.68	74.30	22.90	74.10	23.02	73.80	23.12	72.80	23.10
	-3	-3.7	79.20	22.82	78.60	23.06	78.00	23.29	77.70	23.40	77.50	23.51	72.80	21.85
	0	-0.7	85.30	23.42	84.70	23.66	83.10	23.51	80.60	22.63	78.00	21.75	72.80	20.04
	3	2.2	91.40	24.00	88.30	23.24	83.10	21.61	80.60	20.80	78.00	20.01	72.80	18.46
	5	4.1	88.50	21.56	83.30	20.04	78.10	18.56	75.40	17.83	72.80	17.11	67.50	15.70
	7	6	83.40	18.50	78.10	17.12	72.80	15.79	70.10	15.13	67.50	14.48	62.10	13.21
	9	7.9	78.10	15.72	72.70	14.50	67.40	13.30	64.70	12.71	62.00	12.13	56.50	10.99
	11	9.8	72.60	13.24	67.20	12.15	61.80	11.09	59.00	10.57	56.30	10.06	50.80	9.04
	13	11.8	66.90	11.01	61.40	10.05	56.00	9.12	53.20	8.66	50.40	8.21	44.80	7.32

8. ARUM220LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	61.00	9.07	55.50	8.24	49.90	7.43	47.10	7.03	44.30	6.63	38.60	5.86
110	-30	-30.2	38.10	18.09	37.90	18.24	37.60	18.39	37.40	18.46	37.30	18.53	37.00	18.68
	-24.8	-25	44.50	19.03	44.10	19.20	43.80	19.36	43.60	19.44	43.50	19.52	43.20	19.68
	-21.8	-22	48.40	19.58	48.00	19.76	47.70	19.93	47.50	20.01	47.30	20.10	47.00	20.26
	-19.8	-20	51.20	19.95	50.80	20.13	50.40	20.31	50.20	20.40	50.10	20.48	49.70	20.66
	-18.8	-19	52.60	20.13	52.20	20.32	51.80	20.50	51.60	20.59	51.40	20.68	51.10	20.85
	-16.7	-17	55.50	20.51	55.10	20.70	54.70	20.89	54.50	20.98	54.30	21.07	53.90	21.25
	-15	-15.9	57.30	20.73	56.90	20.92	56.50	21.11	56.30	21.21	56.10	21.30	55.70	21.48
	-13.7	-15	59.10	20.94	58.60	21.14	58.20	21.34	58.00	21.44	57.80	21.53	57.40	21.72
	-11.8	-13	61.90	21.28	61.40	21.49	61.00	21.69	60.80	21.78	60.60	21.88	60.10	22.07
	-9.8	-11	65.20	21.67	64.70	21.88	64.30	22.08	64.00	22.18	63.80	22.28	63.30	22.48
	-9.5	-10	66.80	21.85	66.30	22.06	65.80	22.27	65.60	22.37	65.40	22.47	64.90	22.67
	-8.5	-9.1	68.40	22.03	67.90	22.25	67.40	22.46	67.10	22.56	66.90	22.66	66.40	22.86
	-7	-7.6	71.00	22.33	70.50	22.55	70.00	22.77	69.80	22.87	69.50	22.97	66.70	22.04
	-5	-5.6	74.70	22.74	74.20	22.97	73.60	23.18	73.40	23.29	71.50	22.61	66.70	20.82
	-3	-3.7	78.40	23.14	77.80	23.37	76.20	23.11	73.80	22.24	71.50	21.39	66.70	19.72
	0	-0.7	84.40	23.78	81.00	22.77	76.20	21.18	73.80	20.40	71.50	19.62	66.70	18.11
	3	2.2	85.70	22.42	81.00	20.94	76.20	19.49	73.80	18.78	71.50	18.08	66.70	16.70
	5	4.1	81.20	19.43	76.40	18.09	71.50	16.78	69.10	16.13	66.70	15.50	61.90	14.24
	7	6	76.40	16.70	71.60	15.49	66.70	14.30	64.30	13.72	61.80	13.14	56.90	12.01
	9	7.9	71.60	14.23	66.70	13.15	61.80	12.08	59.30	11.56	56.80	11.05	51.80	10.03
	11	9.8	66.50	12.03	61.60	11.06	56.60	10.11	54.10	9.65	51.60	9.19	46.60	8.29
	13	11.8	61.30	10.03	56.30	9.18	51.30	8.35	48.80	7.94	46.20	7.54	41.10	6.74
	15	13.7	55.90	8.30	50.90	7.56	45.80	6.83	43.20	6.48	40.60	6.12	35.40	5.43
100	-30	-30.2	37.90	18.20	37.60	18.35	37.40	18.49	37.20	18.56	37.10	18.64	36.80	18.78
	-24.8	-25	44.20	19.18	43.80	19.34	43.50	19.50	43.40	19.58	43.20	19.66	42.90	19.81
	-21.8	-22	48.10	19.75	47.70	19.92	47.40	20.09	47.20	20.17	47.00	20.25	46.70	20.42
	-19.8	-20	50.80	20.13	50.40	20.31	50.10	20.48	49.90	20.57	49.70	20.65	49.30	20.82
	-18.8	-19	52.20	20.32	51.80	20.51	51.40	20.68	51.30	20.77	51.10	20.86	50.70	21.03
	-16.7	-17	55.10	20.72	54.70	20.90	54.30	21.09	54.10	21.18	53.90	21.27	53.50	21.44
	-15	-15.9	56.80	20.95	56.40	21.14	56.00	21.32	55.80	21.41	55.60	21.50	55.20	21.68
	-13.7	-15	58.60	21.18	58.20	21.37	57.80	21.56	57.60	21.66	57.40	21.75	57.00	21.93
	-11.8	-13	61.30	21.53	60.90	21.73	60.50	21.93	60.20	22.02	60.00	22.11	59.60	22.30
	-9.8	-11	64.60	21.94	64.10	22.15	63.70	22.35	63.40	22.44	63.20	22.54	60.60	21.62
	-9.5	-10	66.10	22.14	65.70	22.34	65.20	22.54	65.00	22.64	64.70	22.74	60.60	21.07
	-8.5	-9.1	67.70	22.33	67.20	22.54	66.70	22.74	66.50	22.84	65.00	22.29	60.60	20.54
	-7	-7.6	70.30	22.65	69.80	22.86	69.30	23.07	67.10	22.21	65.00	21.36	60.60	19.70
	-5	-5.6	73.90	23.08	73.40	23.30	69.30	21.79	67.10	20.98	65.00	20.19	60.60	18.63
	-3	-3.7	77.50	23.51	73.60	22.17	69.30	20.62	67.10	19.87	65.00	19.12	60.60	17.65
	0	-0.7	78.00	21.75	73.60	20.32	69.30	18.93	67.10	18.24	65.00	17.57	60.60	16.24
	3	2.2	78.00	20.01	73.60	18.71	69.30	17.45	67.10	16.82	65.00	16.21	60.60	14.99
	5	4.1	73.80	17.39	69.40	16.21	65.00	15.05	62.90	14.49	60.70	13.92	56.30	12.82
	7	6	69.50	14.97	65.10	13.91	60.70	12.87	58.40	12.35	56.20	11.85	51.80	10.85
	9	7.9	65.10	12.80	60.60	11.84	56.10	10.91	53.90	10.45	51.60	9.99	47.10	9.10
	11	9.8	60.50	10.85	56.00	10.00	51.50	9.17	49.20	8.76	46.90	8.35	42.30	7.55
	13	11.8	55.70	9.09	51.20	8.34	46.60	7.60	44.30	7.24	42.00	6.88	37.40	6.18
	15	13.7	50.80	7.56	46.20	6.90	41.60	6.26	39.30	5.94	36.90	5.63	32.20	5.01

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	37.70	18.33	37.40	18.48	37.10	18.62	37.00	18.69	36.90	18.76	36.60	18.90
	-24.8	-25	43.80	19.35	43.50	19.51	43.20	19.66	43.00	19.74	42.90	19.82	42.60	19.97
	-21.8	-22	47.70	19.95	47.30	20.11	47.00	20.28	46.80	20.36	46.60	20.44	46.30	20.60
	-19.8	-20	50.30	20.35	50.00	20.52	49.60	20.69	49.40	20.78	49.30	20.86	48.90	21.02
	-18.8	-19	51.70	20.55	51.30	20.73	51.00	20.90	50.80	20.99	50.60	21.07	50.30	21.23
	-16.7	-17	54.60	20.97	54.20	21.15	53.80	21.33	53.60	21.41	53.40	21.50	53.00	21.67
	-15	-15.9	56.20	21.21	55.80	21.39	55.50	21.57	55.30	21.66	55.10	21.75	54.60	21.84
	-13.7	-15	58.00	21.46	57.60	21.65	57.20	21.83	57.00	21.92	56.80	22.01	54.60	21.13
	-11.8	-13	60.70	21.83	60.20	22.02	59.80	22.21	59.60	22.31	58.50	21.86	54.60	20.14
	-9.8	-11	63.80	22.27	63.40	22.46	62.40	22.35	60.40	21.53	58.50	20.71	54.60	19.12
	-9.5	-10	65.40	22.48	64.90	22.67	62.40	21.78	60.40	20.98	58.50	20.19	54.60	18.64
	-8.5	-9.1	66.90	22.68	66.30	22.82	62.40	21.23	60.40	20.46	58.50	19.69	54.60	18.18
	-7	-7.6	69.40	23.02	66.30	21.87	62.40	20.36	60.40	19.62	58.50	18.89	54.60	17.45
	-5	-5.6	70.20	22.11	66.30	20.67	62.40	19.25	60.40	18.55	58.50	17.86	54.60	16.51
	-3	-3.7	70.20	20.93	66.30	19.57	62.40	18.24	60.40	17.58	58.50	16.93	54.60	15.66
	0	-0.7	70.20	19.21	66.30	17.97	62.40	16.76	60.40	16.17	58.50	15.58	54.60	14.43
	3	2.2	70.20	17.70	66.30	16.57	62.40	15.48	60.40	14.94	58.50	14.40	54.60	13.35
	5	4.1	66.40	15.41	62.50	14.39	58.50	13.39	56.60	12.89	54.60	12.40	50.60	11.44
	7	6	62.50	13.31	58.60	12.38	54.60	11.48	52.60	11.03	50.60	10.59	46.60	9.72
	9	7.9	58.60	11.41	54.60	10.58	50.50	9.77	48.50	9.37	46.50	8.97	42.40	8.19
	11	9.8	54.40	9.71	50.40	8.97	46.30	8.24	44.30	7.89	42.20	7.53	38.10	6.83
	13	11.8	50.20	8.17	46.10	7.52	42.00	6.88	39.90	6.56	37.80	6.25	33.60	5.63
	15	13.7	45.80	6.83	41.60	6.26	37.50	5.70	35.40	5.42	33.20	5.15	29.00	4.61
80	-30	-30.2	37.40	18.49	37.10	18.63	36.80	18.77	36.70	18.84	36.60	18.91	36.30	19.05
	-24.8	-25	43.40	19.56	43.10	19.71	42.80	19.86	42.60	19.94	42.50	20.01	42.20	20.16
	-21.8	-22	47.20	20.19	46.80	20.35	46.50	20.51	46.30	20.59	46.20	20.66	45.90	20.82
	-19.8	-20	49.80	20.61	49.40	20.78	49.10	20.95	48.90	21.03	48.70	21.11	48.40	21.26
	-18.8	-19	51.10	20.83	50.80	21.00	50.40	21.17	50.20	21.25	50.10	21.33	48.50	20.75
	-16.7	-17	53.90	21.27	53.50	21.44	53.10	21.62	53.00	21.70	52.00	21.30	48.50	19.67
	-15	-15.9	55.50	21.53	55.20	21.71	54.80	21.88	53.70	21.43	52.00	20.62	48.50	19.02
	-13.7	-15	57.30	21.80	56.90	21.98	55.40	21.53	53.70	20.73	52.00	19.95	48.50	18.41
	-11.8	-13	59.90	22.20	58.90	22.06	55.40	20.52	53.70	19.76	52.00	19.01	48.50	17.55
	-9.8	-11	62.40	22.35	58.90	20.90	55.40	19.47	53.70	18.77	52.00	18.08	48.50	16.69
	-9.5	-10	62.40	21.78	58.90	20.36	55.40	18.98	53.70	18.30	52.00	17.62	48.50	16.30
	-8.5	-9.1	62.40	21.23	58.90	19.86	55.40	18.51	53.70	17.85	52.00	17.19	48.50	15.90
	-7	-7.6	62.40	20.36	58.90	19.05	55.40	17.76	53.70	17.13	52.00	16.51	48.50	15.28
	-5	-5.6	62.40	19.25	58.90	18.02	55.40	16.81	53.70	16.22	52.00	15.63	48.50	14.47
	-3	-3.7	62.40	18.24	58.90	17.08	55.40	15.94	53.70	15.38	52.00	14.83	48.50	13.75
	0	-0.7	62.40	16.76	58.90	15.71	55.40	14.68	53.70	14.18	52.00	13.67	48.50	12.69
	3	2.2	62.40	15.48	58.90	14.52	55.40	13.58	53.70	13.12	52.00	12.66	48.50	11.76
	5	4.1	59.00	13.51	55.50	12.64	52.00	11.78	50.30	11.36	48.50	10.94	45.00	10.12
	7	6	55.60	11.70	52.10	10.91	48.50	10.14	46.80	9.76	45.00	9.38	41.40	8.63
	9	7.9	52.10	10.07	48.50	9.36	44.90	8.67	43.10	8.32	41.30	7.98	37.70	7.31
	11	9.8	48.40	8.61	44.80	7.98	41.20	7.35	39.40	7.05	37.50	6.74	33.90	6.14
	13	11.8	44.60	7.28	41.00	6.72	37.30	6.17	35.50	5.90	33.60	5.63	29.90	5.10
	15	13.7	40.70	6.13	37.00	5.64	33.30	5.15	31.40	4.91	29.60	4.68	25.80	4.21
70	-30	-30.2	37.00	18.70	36.70	18.83	36.50	18.97	36.30	19.04	36.20	19.10	36.00	19.23

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	42.90	19.82	42.60	19.97	42.30	20.12	42.10	20.19	42.00	20.26	41.70	20.40
	-21.8	-22	46.50	20.49	46.20	20.64	45.90	20.80	45.70	20.87	45.50	20.87	42.40	19.29
	-19.8	-20	49.10	20.94	48.70	21.10	48.40	21.26	47.00	20.55	45.50	19.79	42.40	18.29
	-18.8	-19	50.40	21.17	50.00	21.34	48.50	20.75	47.00	20.01	45.50	19.27	42.40	17.82
	-16.7	-17	53.10	21.65	51.50	21.10	48.50	19.67	47.00	18.96	45.50	18.27	42.40	16.90
	-15	-15.9	54.60	21.84	51.50	20.42	48.50	19.02	47.00	18.33	45.50	17.65	42.40	16.32
	-13.7	-15	54.60	21.13	51.50	19.75	48.50	18.41	47.00	17.74	45.50	17.09	42.40	15.80
	-11.8	-13	54.60	20.14	51.50	18.83	48.50	17.55	47.00	16.92	45.50	16.30	42.40	15.07
	-9.8	-11	54.60	19.12	51.50	17.91	48.50	16.69	47.00	16.10	45.50	15.51	42.40	14.35
	-9.5	-10	54.60	18.64	51.50	17.46	48.50	16.30	47.00	15.73	45.50	15.16	42.40	14.05
	-8.5	-9.1	54.60	18.18	51.50	17.03	48.50	15.91	47.00	15.35	45.50	14.80	42.40	13.72
	-7	-7.6	54.60	17.45	51.50	16.35	48.50	15.28	47.00	14.75	45.50	14.22	42.40	13.19
	-5	-5.6	54.60	16.51	51.50	15.48	48.50	14.47	47.00	13.98	45.50	13.48	42.40	12.52
	-3	-3.7	54.60	15.66	51.50	14.70	48.50	13.75	47.00	13.28	45.50	12.81	42.40	11.90
	0	-0.7	54.60	14.43	51.50	13.55	48.50	12.69	47.00	12.26	45.50	11.84	42.40	11.01
	3	2.2	54.60	13.35	51.50	12.55	48.50	11.76	47.00	11.37	45.50	10.99	42.40	10.23
	5	4.1	51.70	11.69	48.60	10.96	45.50	10.24	44.00	9.88	42.50	9.53	39.40	8.83
	7	6	48.60	10.16	45.60	9.50	42.50	8.85	40.90	8.53	39.40	8.21	36.20	7.58
	9	7.9	45.50	8.79	42.40	8.19	39.30	7.60	37.70	7.31	36.20	7.03	33.00	6.46
	11	9.8	42.30	7.55	39.20	7.02	36.00	6.49	34.40	6.23	32.80	5.98	29.60	5.47
	13	11.8	39.00	6.43	35.80	5.96	32.60	5.49	31.00	5.26	29.40	5.03	26.10	4.58
	15	13.7	35.60	5.45	32.40	5.04	29.10	4.63	27.50	4.42	25.90	4.22	22.50	3.83
60	-30	-30.2	36.50	18.96	36.20	19.09	36.00	19.22	35.90	19.29	35.70	19.35	35.50	19.47
	-24.8	-25	42.20	20.16	41.90	20.30	41.60	20.40	40.30	19.68	39.00	18.96	36.40	17.55
	-21.8	-22	45.70	20.87	44.20	20.19	41.60	18.84	40.30	18.18	39.00	17.52	36.40	16.23
	-19.8	-20	46.80	20.44	44.20	19.15	41.60	17.87	40.30	17.25	39.00	16.63	36.40	15.41
	-18.8	-19	46.80	19.90	44.20	18.64	41.60	17.41	40.30	16.80	39.00	16.20	36.40	15.01
	-16.7	-17	46.80	18.87	44.20	17.68	41.60	16.52	40.30	15.94	39.00	15.37	36.40	14.25
	-15	-15.9	46.80	18.24	44.20	17.08	41.60	15.95	40.30	15.39	39.00	14.84	36.40	13.75
	-13.7	-15	46.80	17.65	44.20	16.53	41.60	15.44	40.30	14.90	39.00	14.37	36.40	13.32
	-11.8	-13	46.80	16.83	44.20	15.77	41.60	14.73	40.30	14.22	39.00	13.71	36.40	12.71
	-9.8	-11	46.80	16.01	44.20	15.01	41.60	14.02	40.30	13.54	39.00	13.06	36.40	12.11
	-9.5	-10	46.80	15.65	44.20	14.69	41.60	13.74	40.30	13.28	39.00	12.82	36.40	11.91
	-8.5	-9.1	46.80	15.27	44.20	14.34	41.60	13.42	40.30	12.97	39.00	12.52	36.40	11.63
	-7	-7.6	46.80	14.67	44.20	13.78	41.60	12.90	40.30	12.47	39.00	12.04	36.40	11.20
	-5	-5.6	46.80	13.91	44.20	13.07	41.60	12.24	40.30	11.84	39.00	11.43	36.40	10.64
	-3	-3.7	46.80	13.21	44.20	12.42	41.60	11.65	40.30	11.26	39.00	10.88	36.40	10.14
	0	-0.7	46.80	12.20	44.20	11.48	41.60	10.78	40.30	10.43	39.00	10.08	36.40	9.40
	3	2.2	46.80	11.32	44.20	10.66	41.60	10.02	40.30	9.70	39.00	9.38	36.40	8.76
	5	4.1	44.30	9.94	41.70	9.35	39.00	8.75	37.70	8.46	36.40	8.17	33.80	7.60
	7	6	41.70	8.69	39.10	8.15	36.40	7.61	35.10	7.35	33.70	7.08	31.10	6.57
	9	7.9	39.00	7.56	36.40	7.07	33.70	6.58	32.30	6.34	31.00	6.11	28.30	5.64
	11	9.8	36.30	6.54	33.60	6.10	30.90	5.66	29.50	5.45	28.10	5.24	25.40	4.81
	13	11.8	33.40	5.61	30.70	5.22	28.00	4.83	26.60	4.64	25.20	4.46	22.40	4.08
	15	13.7	30.50	4.80	27.70	4.45	25.00	4.12	23.60	3.95	22.20	3.78	19.30	3.45
50	-30	-30.2	35.80	19.31	35.60	19.44	34.60	19.05	33.60	18.38	32.50	17.72	30.30	16.42
	-24.8	-25	39.00	18.96	36.80	17.78	34.60	16.62	33.60	16.05	32.50	15.48	30.30	14.37

8. ARUM220LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	39.00	17.52	36.80	16.44	34.60	15.38	33.60	14.85	32.50	14.33	30.30	13.31
	-19.8	-20	39.00	16.63	36.80	15.61	34.60	14.60	33.60	14.11	32.50	13.62	30.30	12.65
	-18.8	-19	39.00	16.20	36.80	15.21	34.60	14.24	33.60	13.75	32.50	13.28	30.30	12.34
	-16.7	-17	39.00	15.37	36.80	14.44	34.60	13.52	33.60	13.07	32.50	12.62	30.30	11.73
	-15	-15.9	39.00	14.84	36.80	13.93	34.60	13.04	33.60	12.60	32.50	12.16	30.30	11.31
	-13.7	-15	39.00	14.37	36.80	13.49	34.60	12.63	33.60	12.21	32.50	11.79	30.30	10.96
	-11.8	-13	39.00	13.71	36.80	12.88	34.60	12.06	33.60	11.66	32.50	11.26	30.30	10.48
	-9.8	-11	39.00	13.06	36.80	12.27	34.60	11.50	33.60	11.12	32.50	10.74	30.30	9.99
	-9.5	-10	39.00	12.82	36.80	12.06	34.60	11.31	33.60	10.94	32.50	10.58	30.30	9.86
	-8.5	-9.1	39.00	12.52	36.80	11.78	34.60	11.06	33.60	10.70	32.50	10.34	30.30	9.64
	-7	-7.6	39.00	12.04	36.80	11.34	34.60	10.64	33.60	10.30	32.50	9.96	30.30	9.29
	-5	-5.6	39.00	11.43	36.80	10.77	34.60	10.12	33.60	9.80	32.50	9.48	30.30	8.85
	-3	-3.7	39.00	10.88	36.80	10.26	34.60	9.65	33.60	9.34	32.50	9.04	30.30	8.45
	0	-0.7	39.00	10.08	36.80	9.51	34.60	8.95	33.60	8.68	32.50	8.40	30.30	7.86
	3	2.2	39.00	9.38	36.80	8.86	34.60	8.35	33.60	8.10	32.50	7.84	30.30	7.35
	5	4.1	36.90	8.28	34.70	7.81	32.50	7.34	31.40	7.11	30.30	6.88	28.10	6.42
	7	6	34.70	7.28	32.50	6.85	30.30	6.43	29.20	6.21	28.10	6.01	25.90	5.59
	9	7.9	32.50	6.38	30.30	5.99	28.10	5.60	26.90	5.41	25.80	5.22	23.60	4.85
	11	9.8	30.20	5.56	28.00	5.21	25.70	4.87	24.60	4.70	23.50	4.53	21.20	4.19
	13	11.8	27.90	4.82	25.60	4.51	23.30	4.20	22.20	4.05	21.00	3.90	18.70	3.60
	15	13.7	25.40	4.17	23.10	3.90	20.80	3.62	19.60	3.49	18.50	3.36	16.10	3.09

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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8.8 Capacity Correction Factor

8.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

8.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

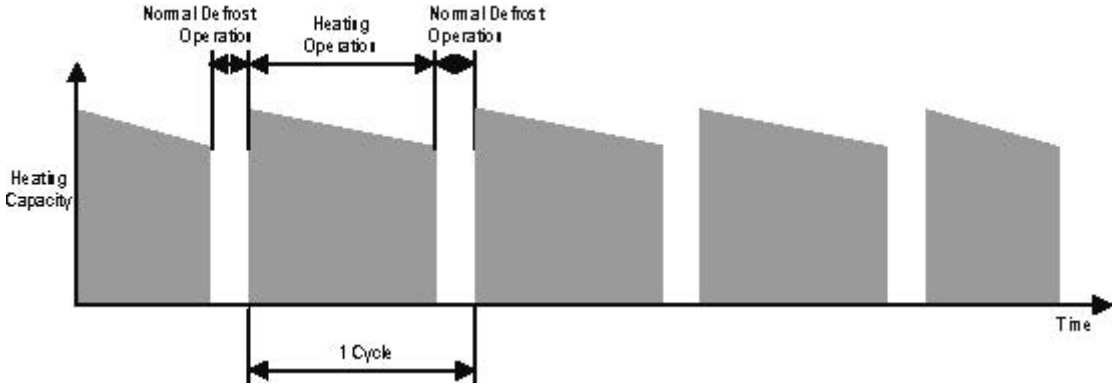
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

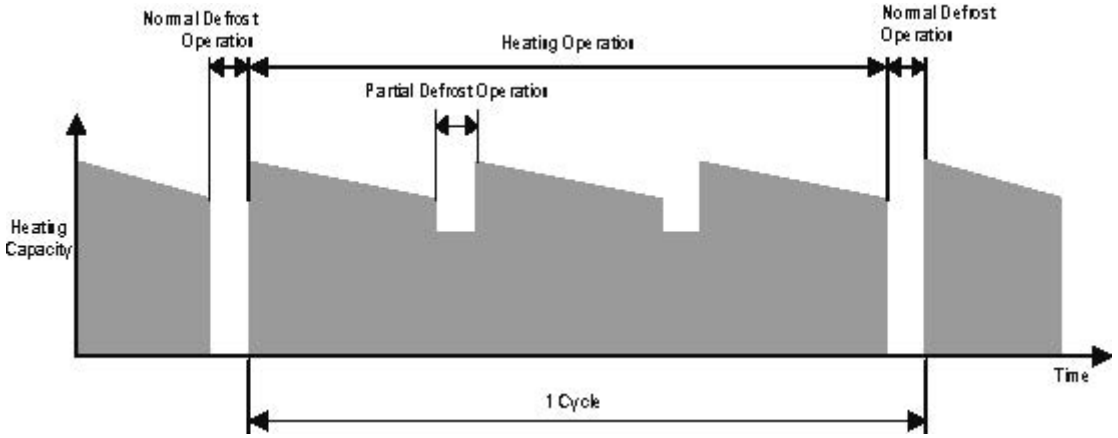
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



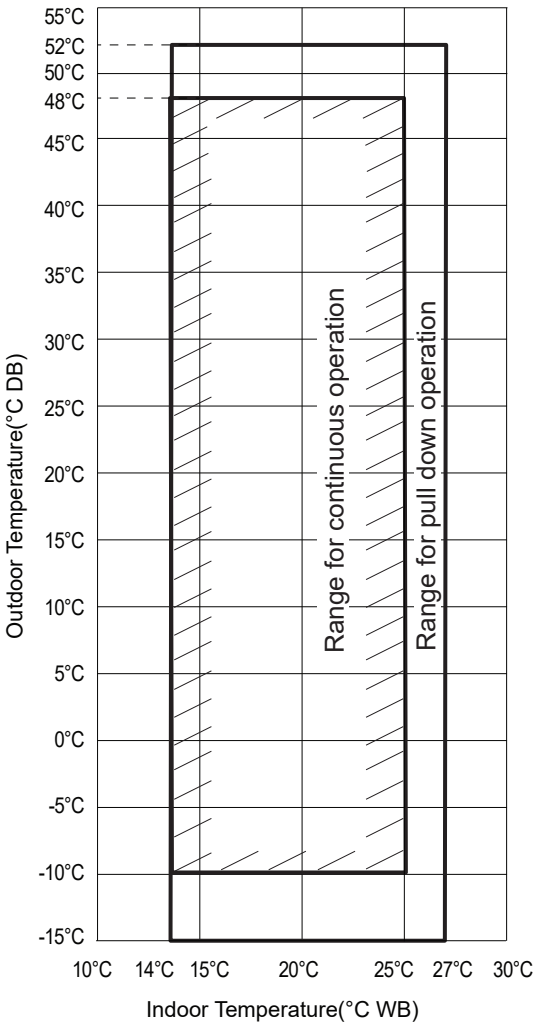
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

8.9 Operation Limits

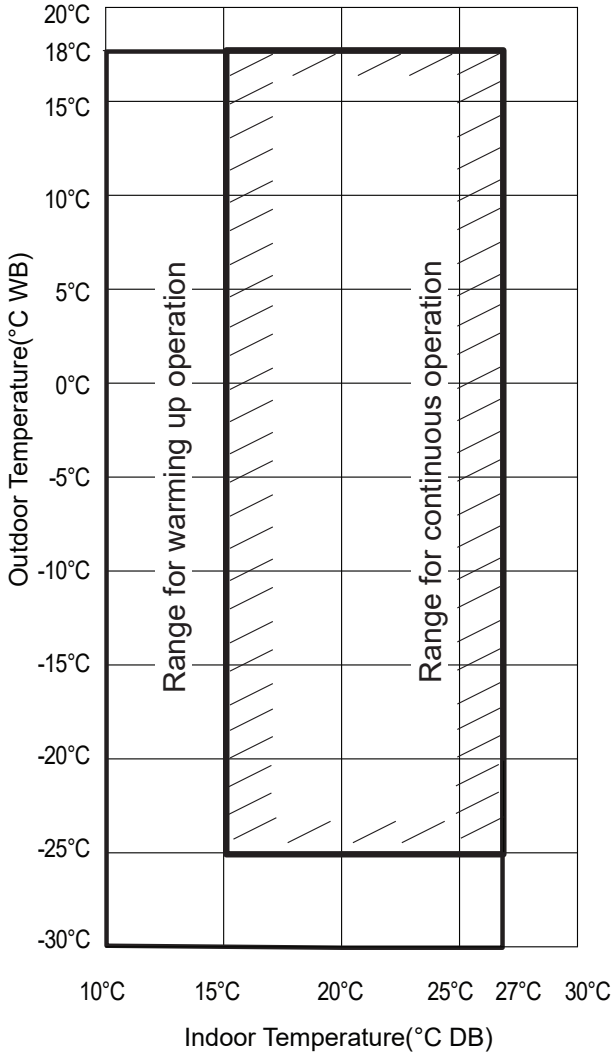
8.9.1 Cooling



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

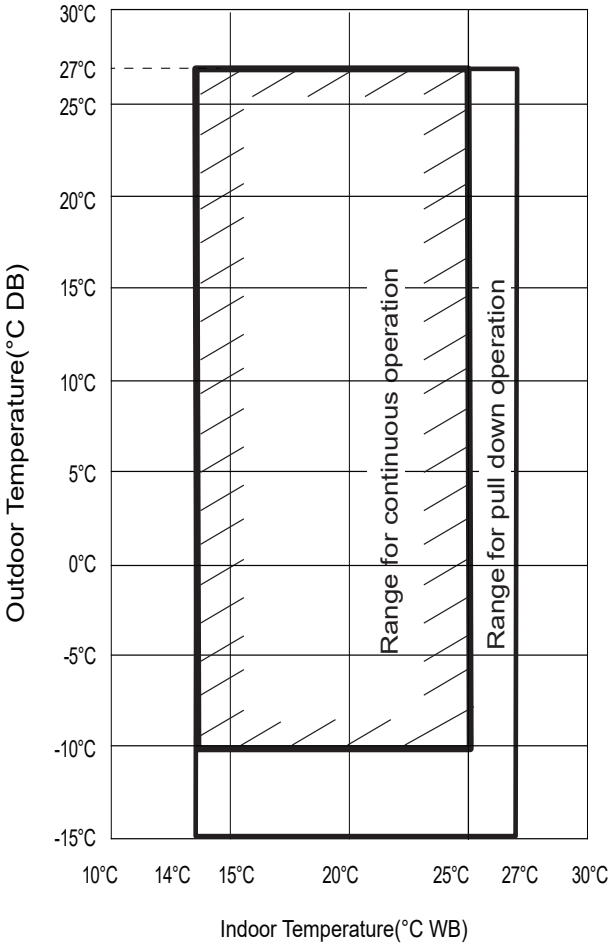
8.9.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

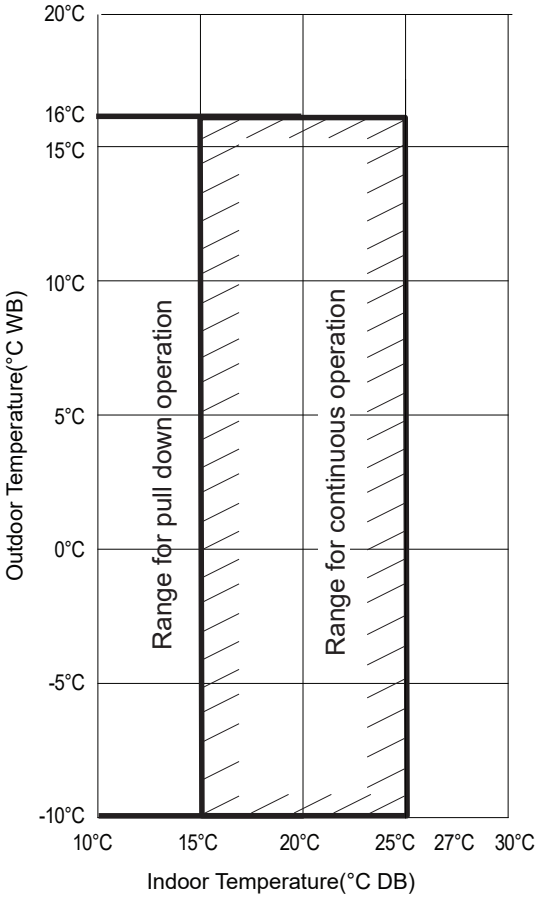
8.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

8.9.4 Simultaneous Operation (Heating)



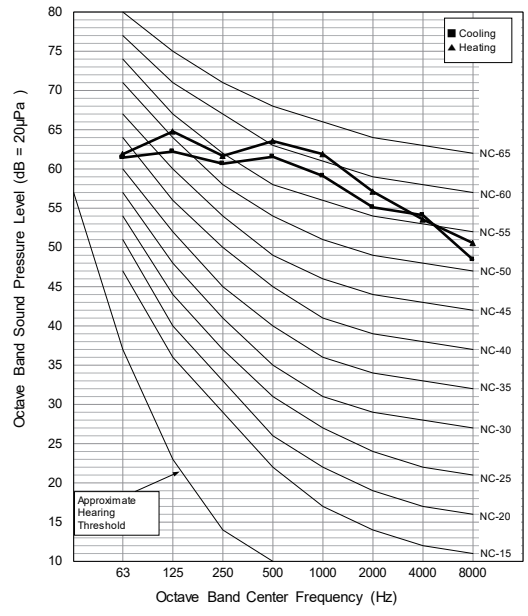
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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8.10 Sound Levels

8.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	61.5	62.2	60.7	61.5	59.1	55.1	54.1	48.5	*64.0*
Heating [dB]	61.8	64.7	61.7	63.6	61.9	57.2	53.6	50.6	*66.0*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	63.0	64.0	95	95
op4~op6, op11	62.0	62.0	90	90
op7~op9, op12	59.0	59.0	75	75

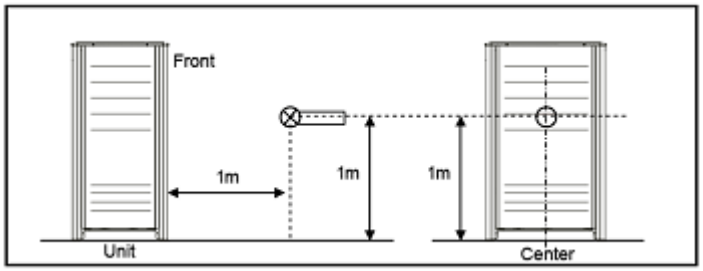
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	100
op3	60	80
op4	55	50
op5	50	40

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	64.0 / 66.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

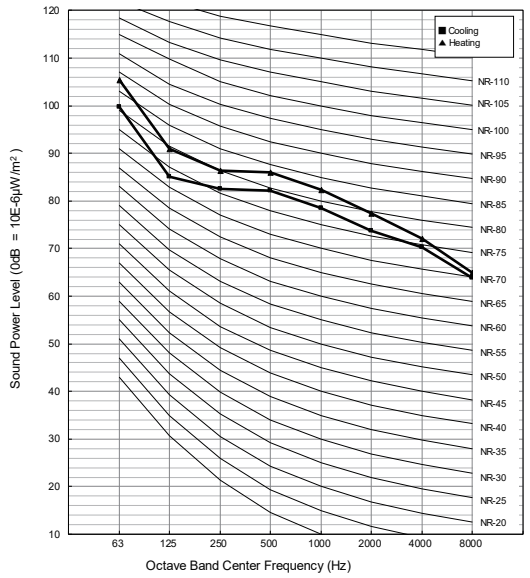
<Measurement Scene>



※ External Appearance of unit could be different by each model.

8. ARUM220LTE6

8.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	99.7	85.1	82.5	82.2	78.5	73.7	70.2	63.8	*84.0*
Heating [dB]	105.5	90.9	82.5	82.2	78.5	73.7	70.2	63.8	*88.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	83.0	84.0	95	95
op4~op6, op11	82.0	83.0	90	90
op7~op9, op12	81.0	81.0	75	75

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	84.0 / 88.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

9. ARUM240LTE6

9.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	42.72 - 40.58 - 39.12
	Running Current by Voltage (Heating,Rated)	A	30.41 - 28.89 - 27.85
Cooling Capacity	Rated	kW	67.2
		Btu/h	229,300
Heating Capacity	Rated	kW	67.2
		Btu/h	229,300
	Max	kW	75.6
		Btu/h	258,000
Power Input(Cooling)	Rated	kW	26.15
Power Input(Heating)	Rated	kW	18.61
Efficiency	EER(Rated)	W/W	2.57
	COP(Rated)	W/W	3.61
	SEER	Wh/Wh	6.91
	SCOP	Wh/Wh	4.31
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	430 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	1,500 x 2
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 x 2
	Number of Revolution	rev./min	3,600 x 2
	Motor Output	W x No.	5,300 x 2
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,640 x 1,745 x 760
	Shipping(W x H x D)	mm	1,675 x 1,919 x 802
Weight	Net	kg	362
	Shipping	kg	372
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

9. ARUM240LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	16.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	33.400
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ15.88 (5/8)
	Gas	mm(inch)	Φ34.9 (1-3/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9 (1-3/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	65.0 / 66.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	85.0 / 88.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	53.6
	Maximum Fuse Amperes (MFA)	A	63
	Total Over Current Amperes (TOCA)	A	60.0
	Comp_Maximum Starting Current (MSC)	A	11.8
	Comp_Rated Load Amperes (Cooling)	A	37.7
	Comp_Rated Load Amperes (Heating)	A	25.4
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	39(61)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

9. ARUM240LTE6

9.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

9. ARUM240LTE6

9.3 Accessory Compatibility List

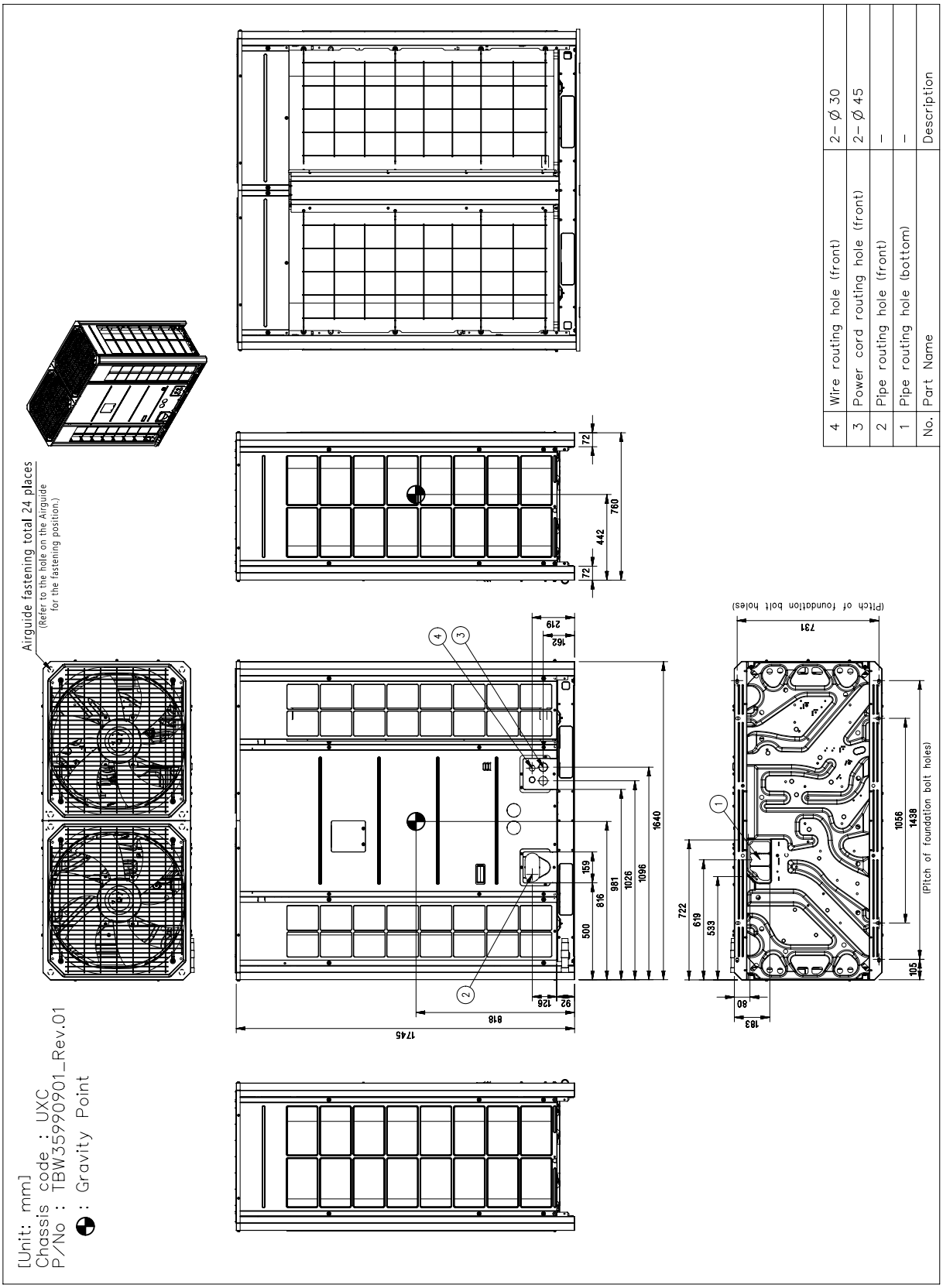
Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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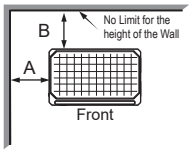
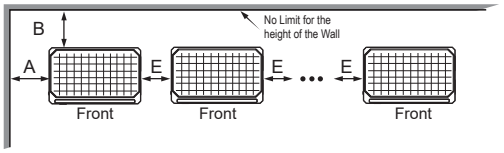
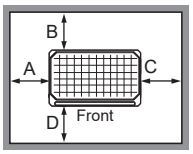
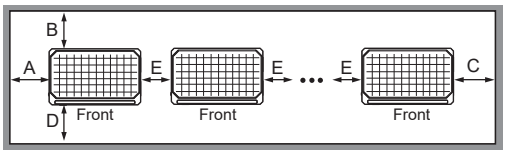
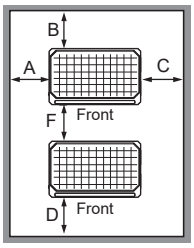
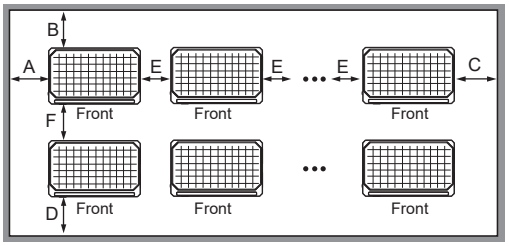
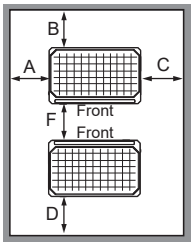
9.4 Dimensions



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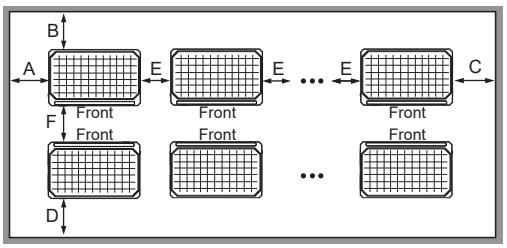
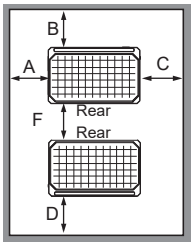
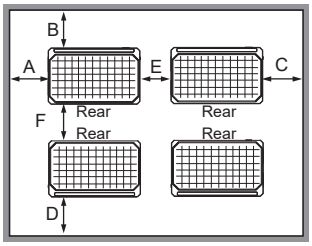
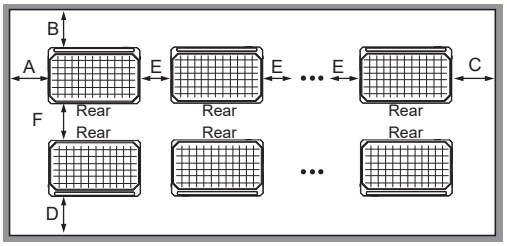
9.4.2 Installation Space

[Unit : mm(inch)]

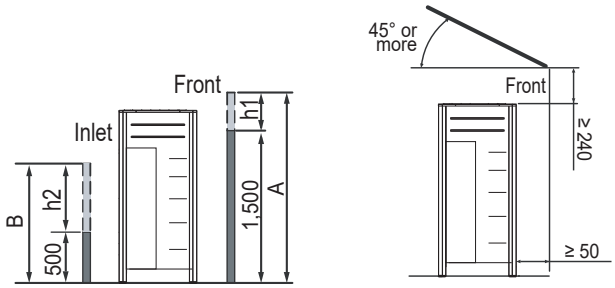
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

9. ARUM240LTE6

[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

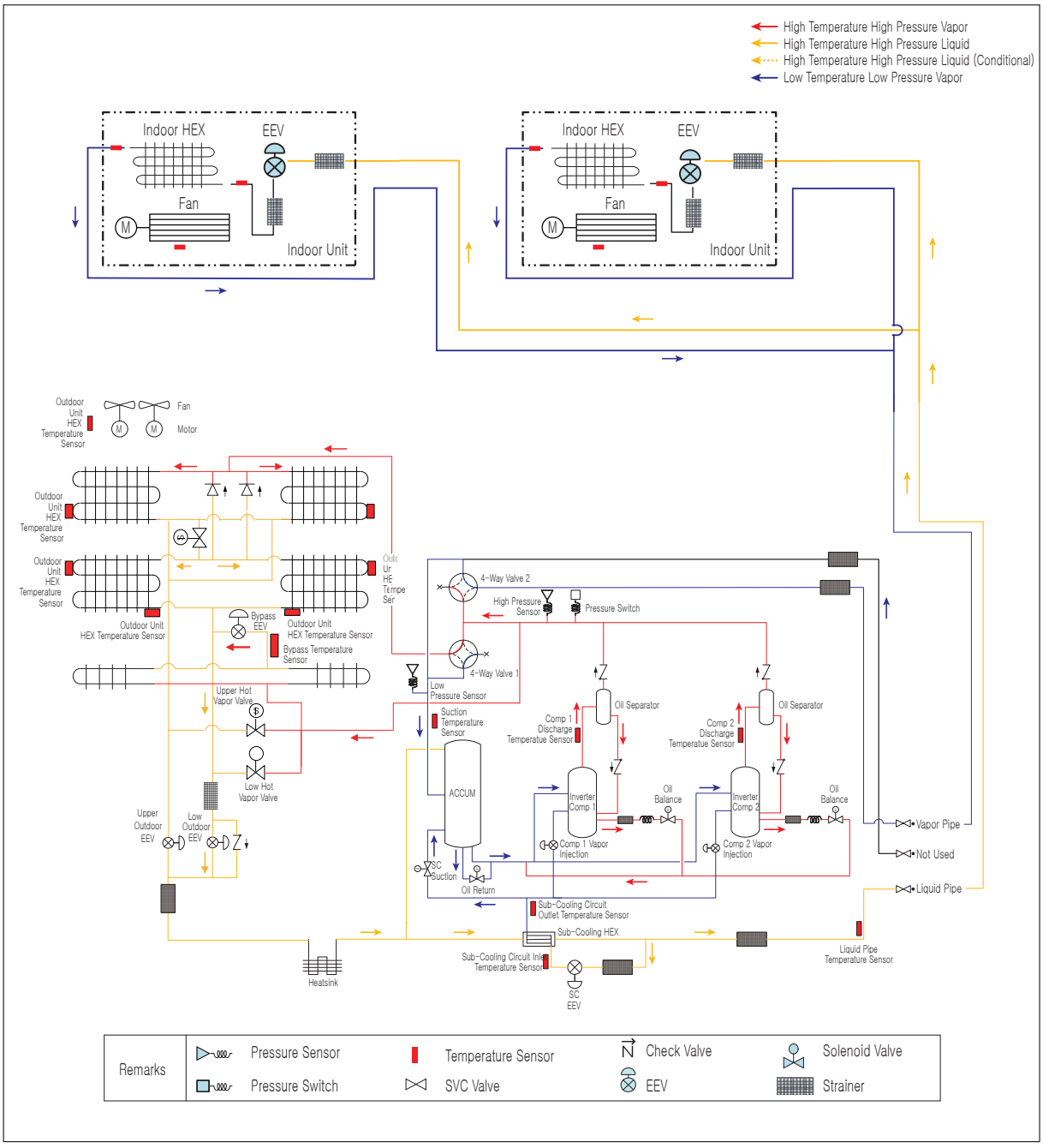
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

9. ARUM240LTE6

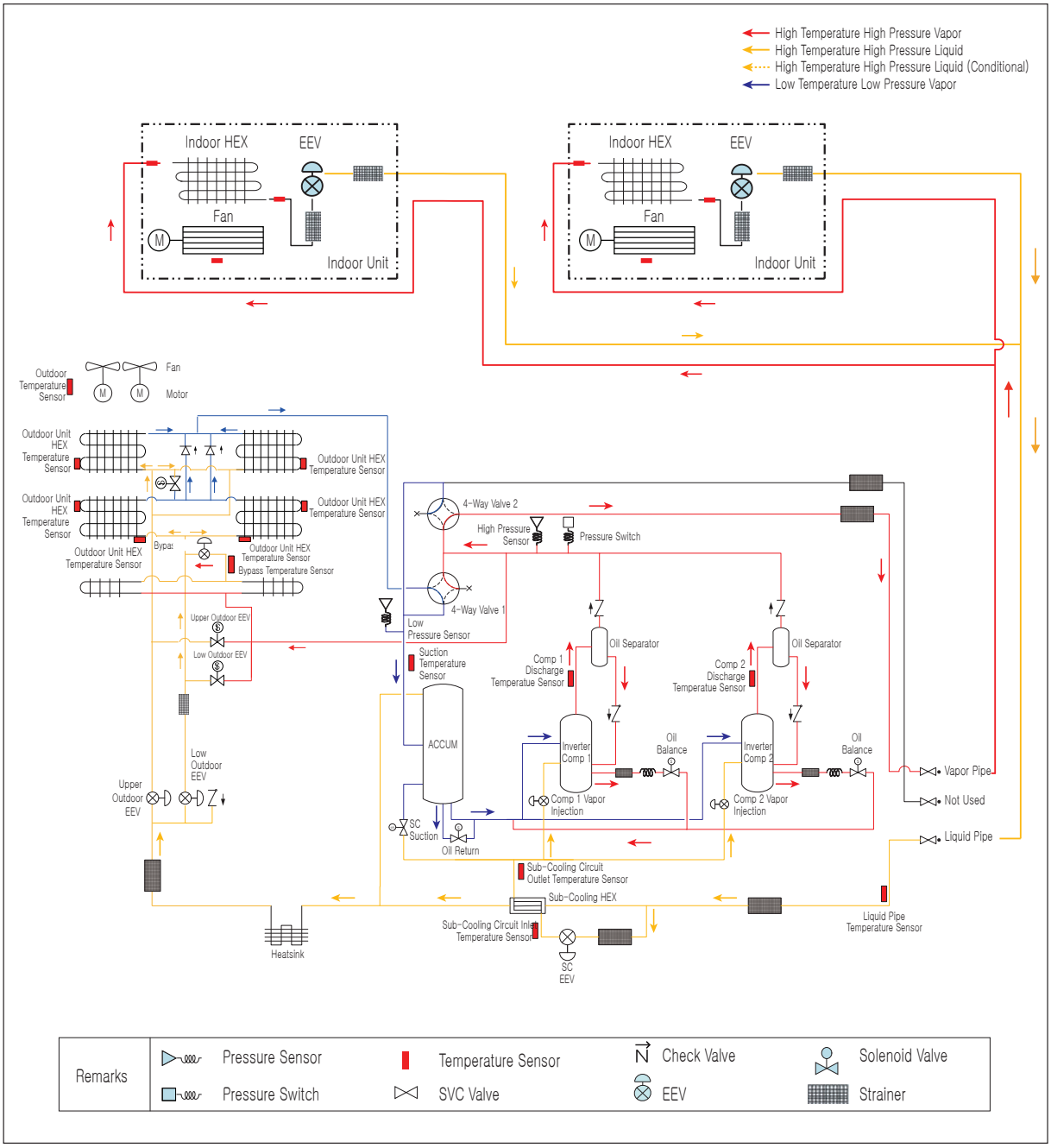
9.5 Piping Diagrams

9.5.1 Heat Pump : Cooling



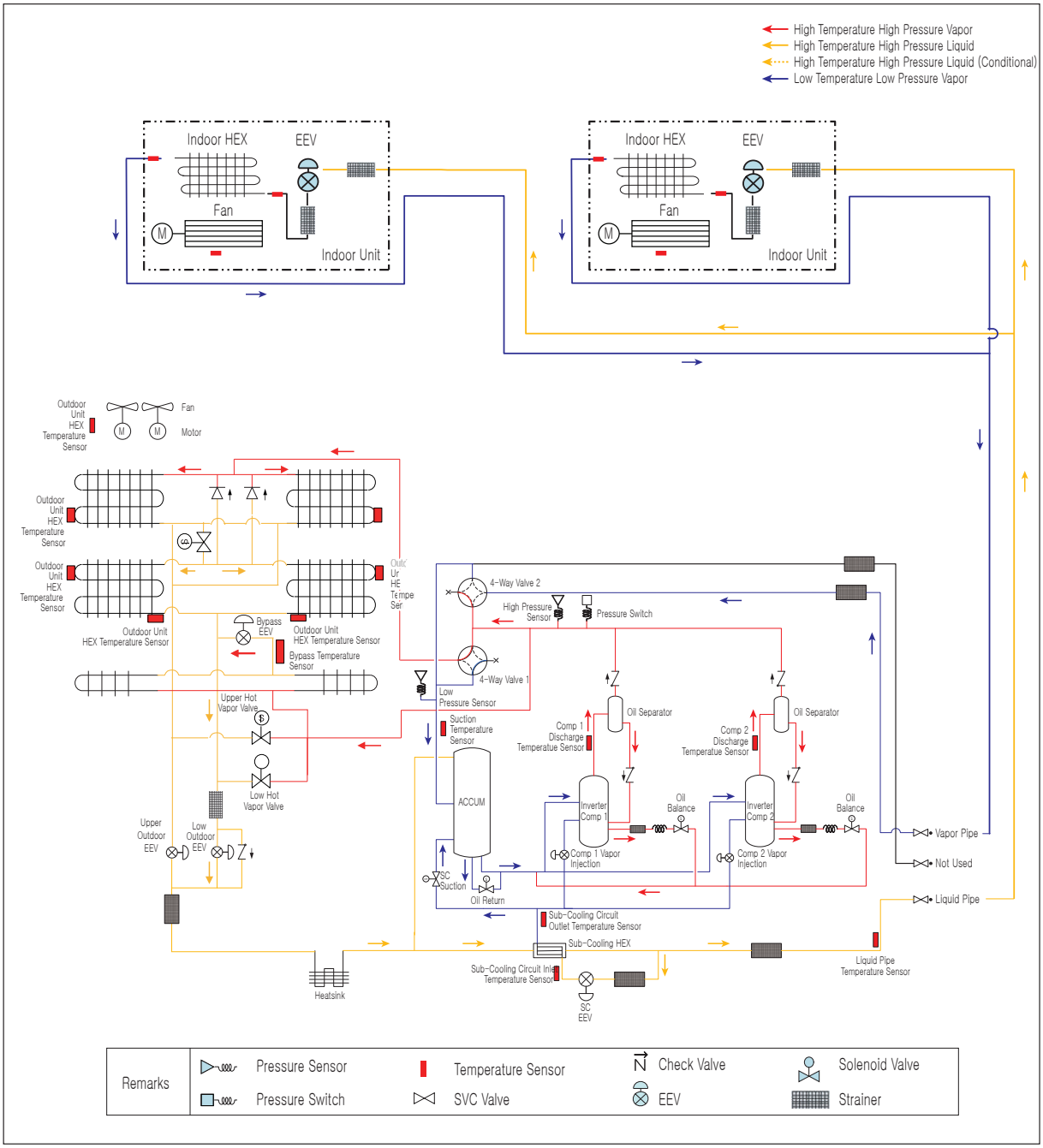
9. ARUM240LTE6

9.5.2 Heat Pump : Heating



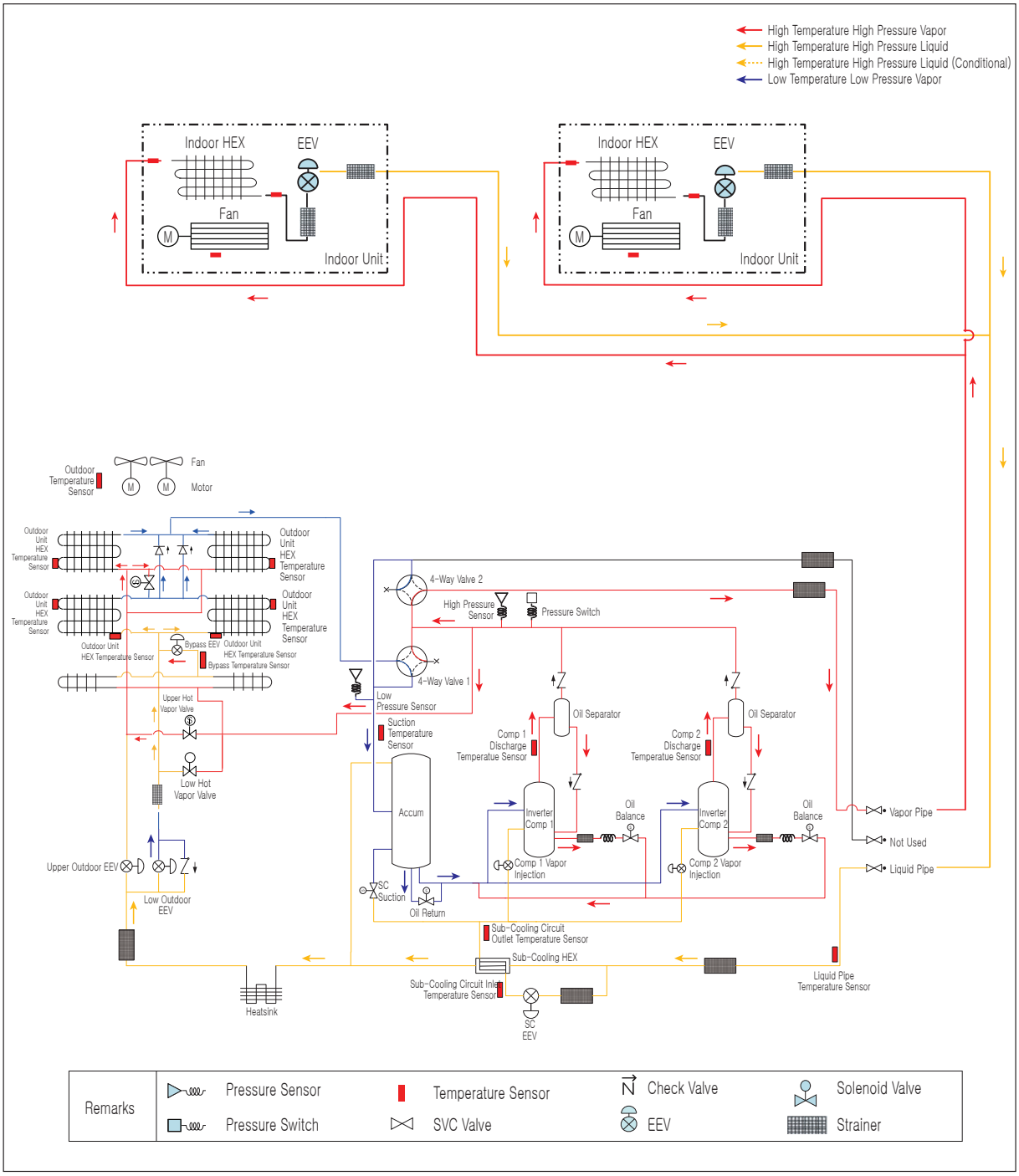
9. ARUM240LTE6

9.5.3 Heat Pump : Defrost / Oil Return

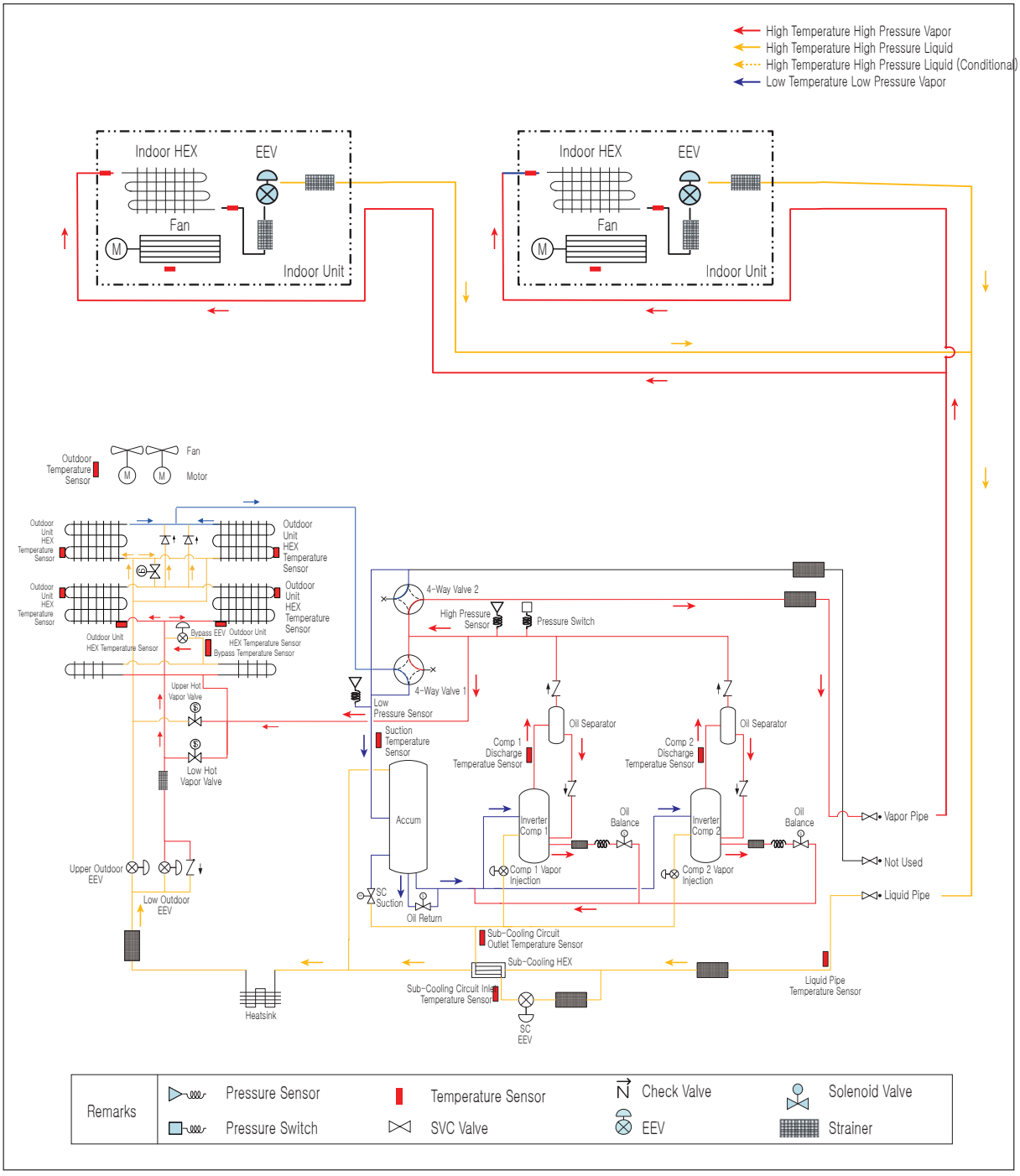


9. ARUM240LTE6

9.5.4 Heat Pump : Upper HEX Defrost

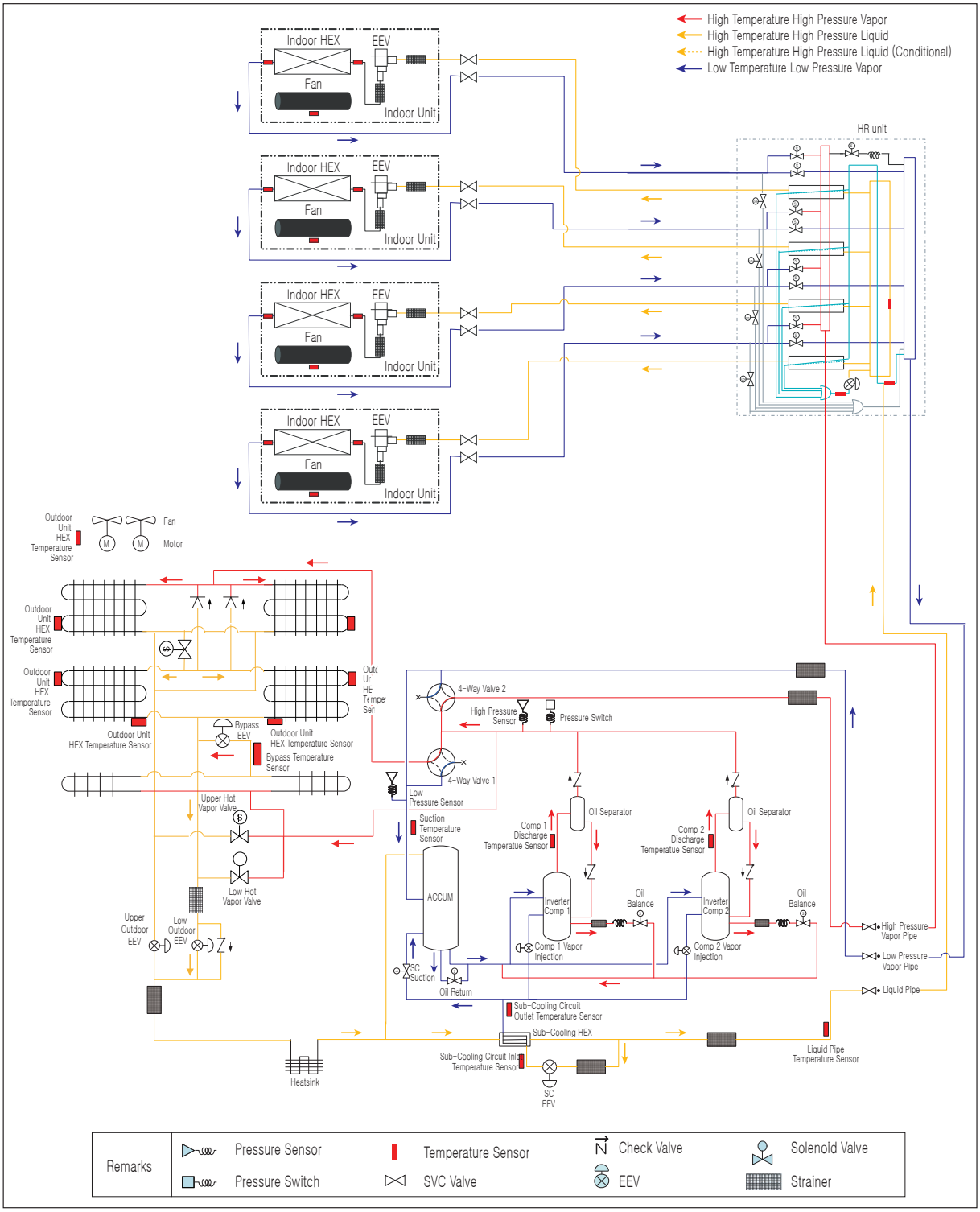


9.5.5 Heat Pump : Lower HEX Defrost



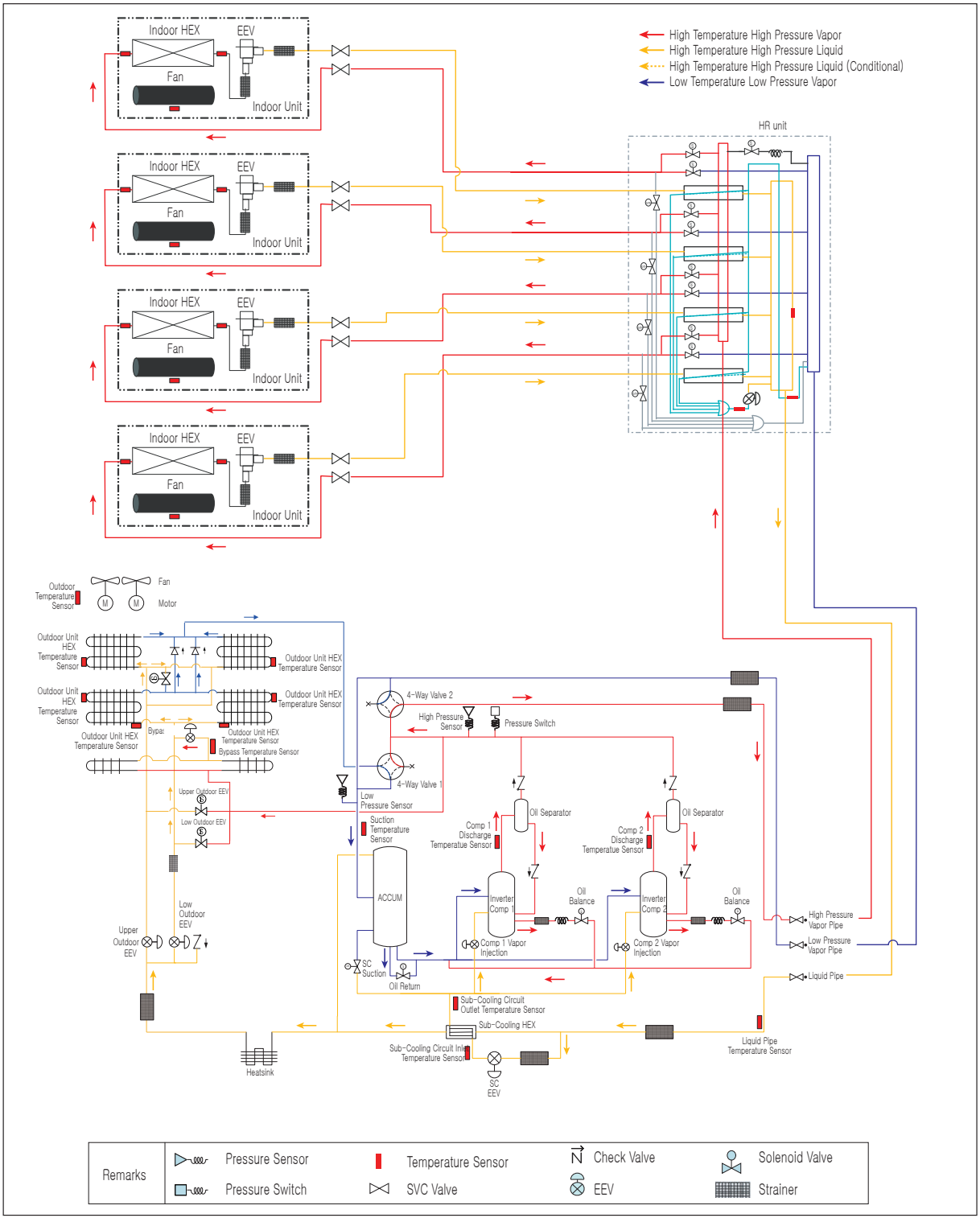
9. ARUM240LTE6

9.5.6 Heat Recovery : Cooling



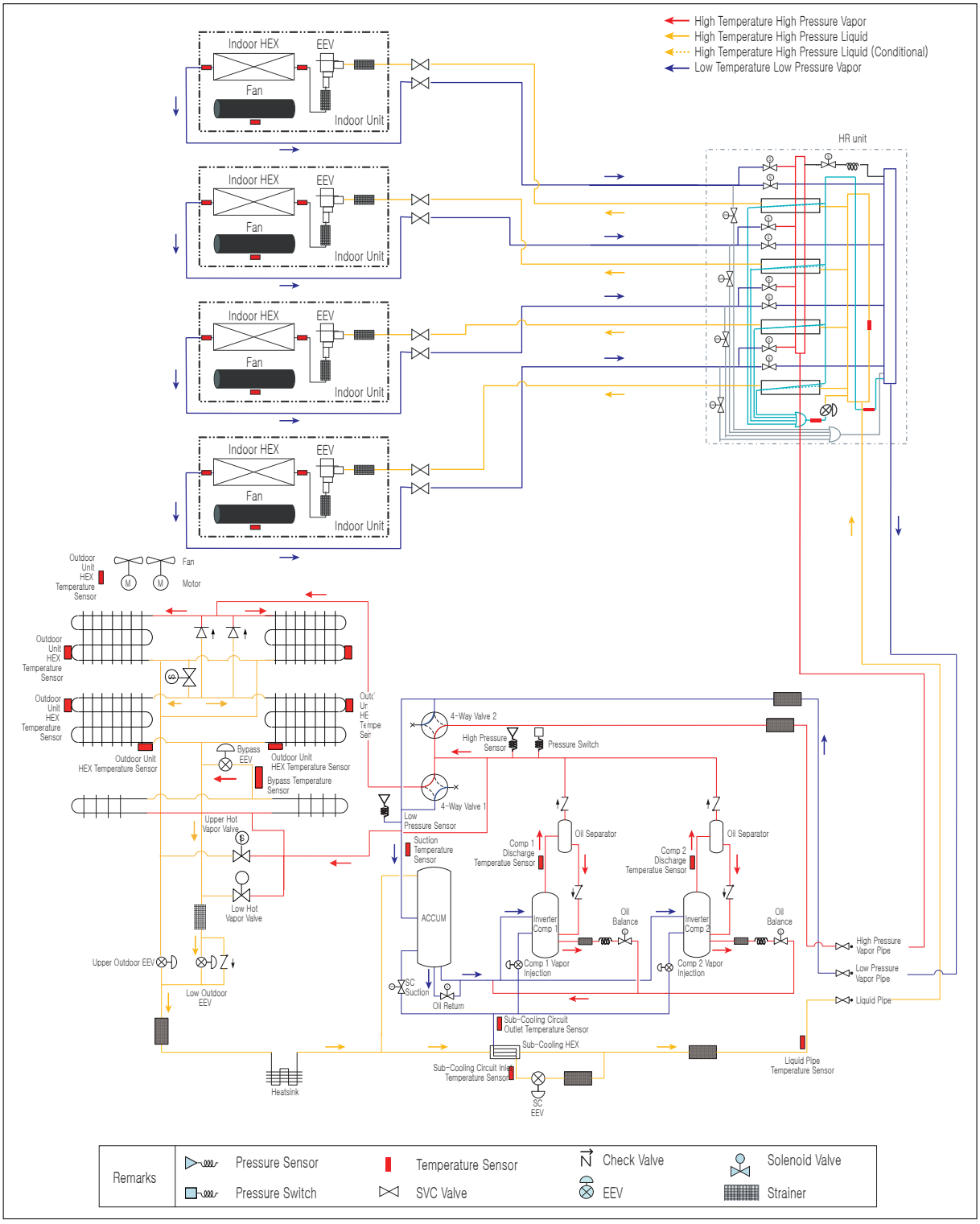
9. ARUM240LTE6

9.5.7 Heat Recovery : Heating



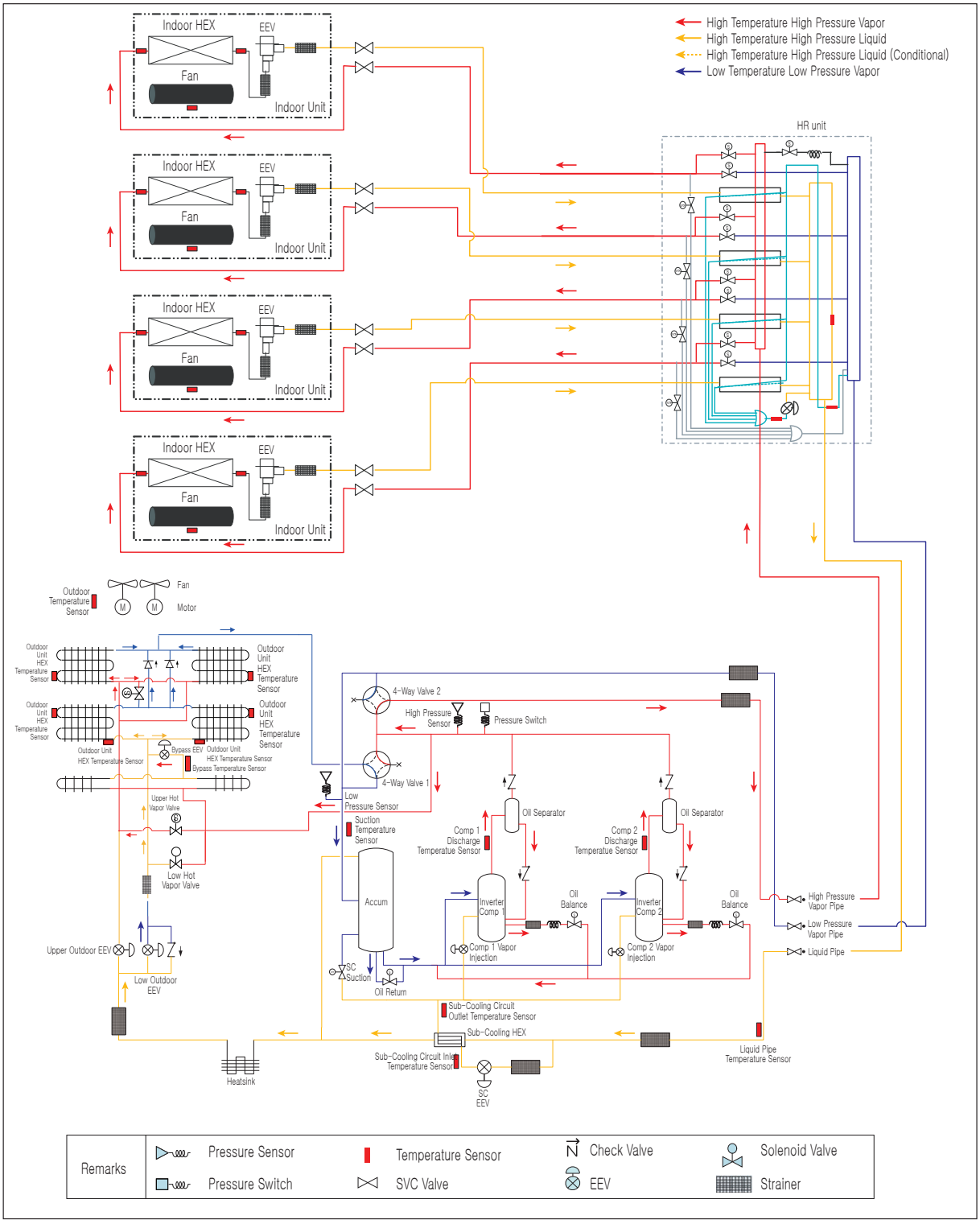
9. ARUM240LTE6

9.5.8 Heat Recovery : Defrost / Oil Return



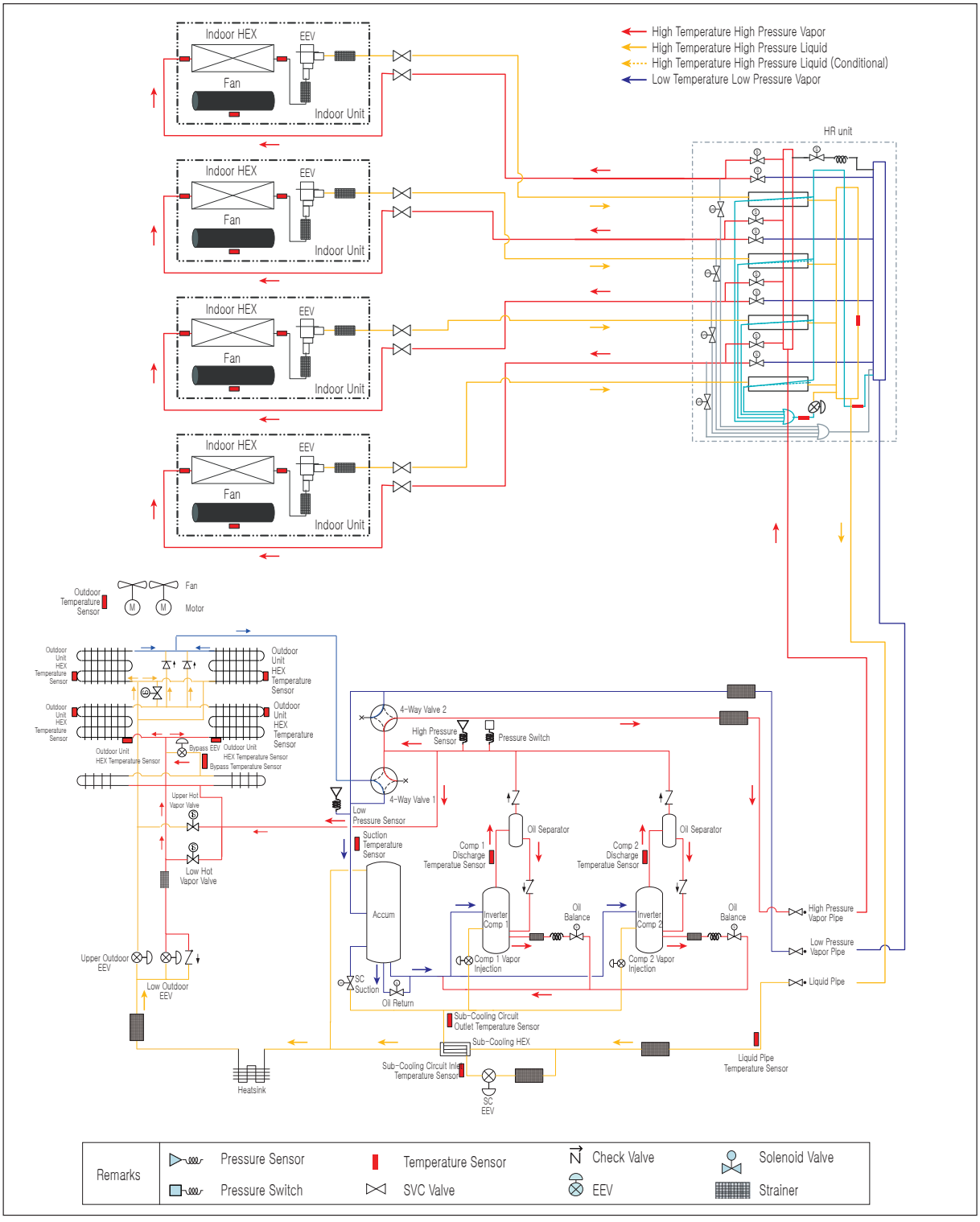
9. ARUM240LTE6

9.5.9 Heat Recovery : Upper HEX Defrost



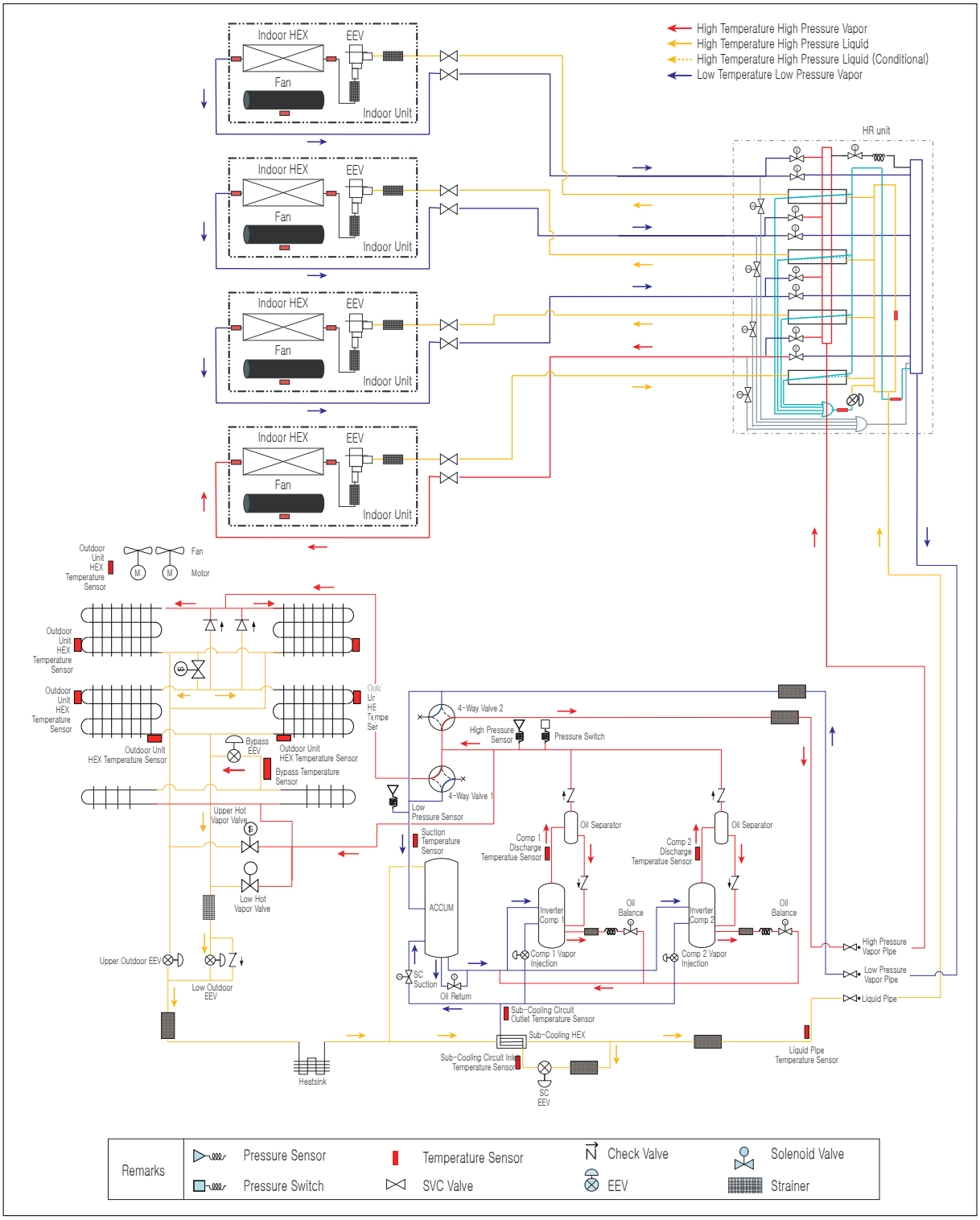
9. ARUM240LTE6

9.5.10 Heat Recovery : Lower HEX Defrost



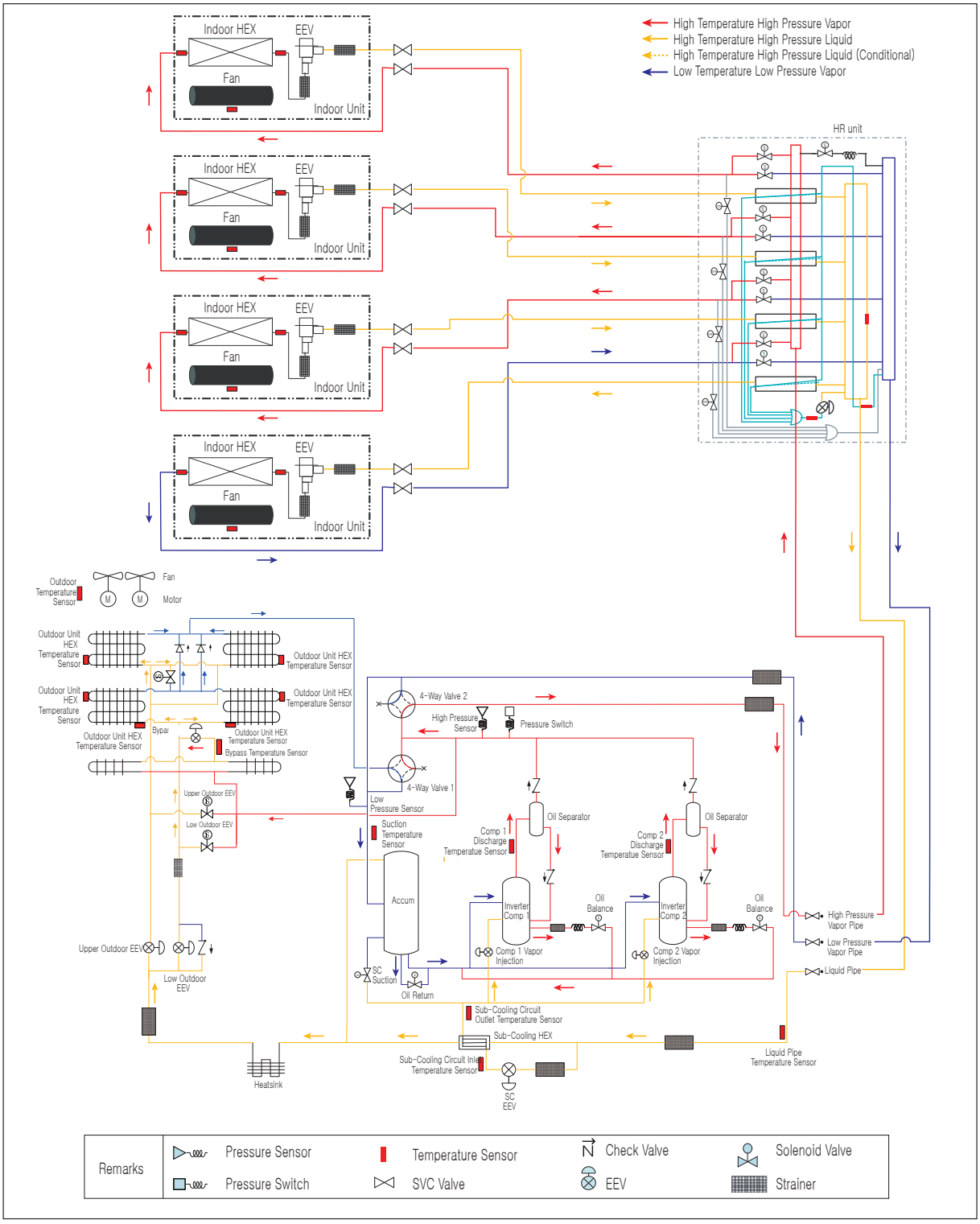
9. ARUM240LTE6

9.5.11 Heat Recovery : Cooling-based Simultaneous Operation



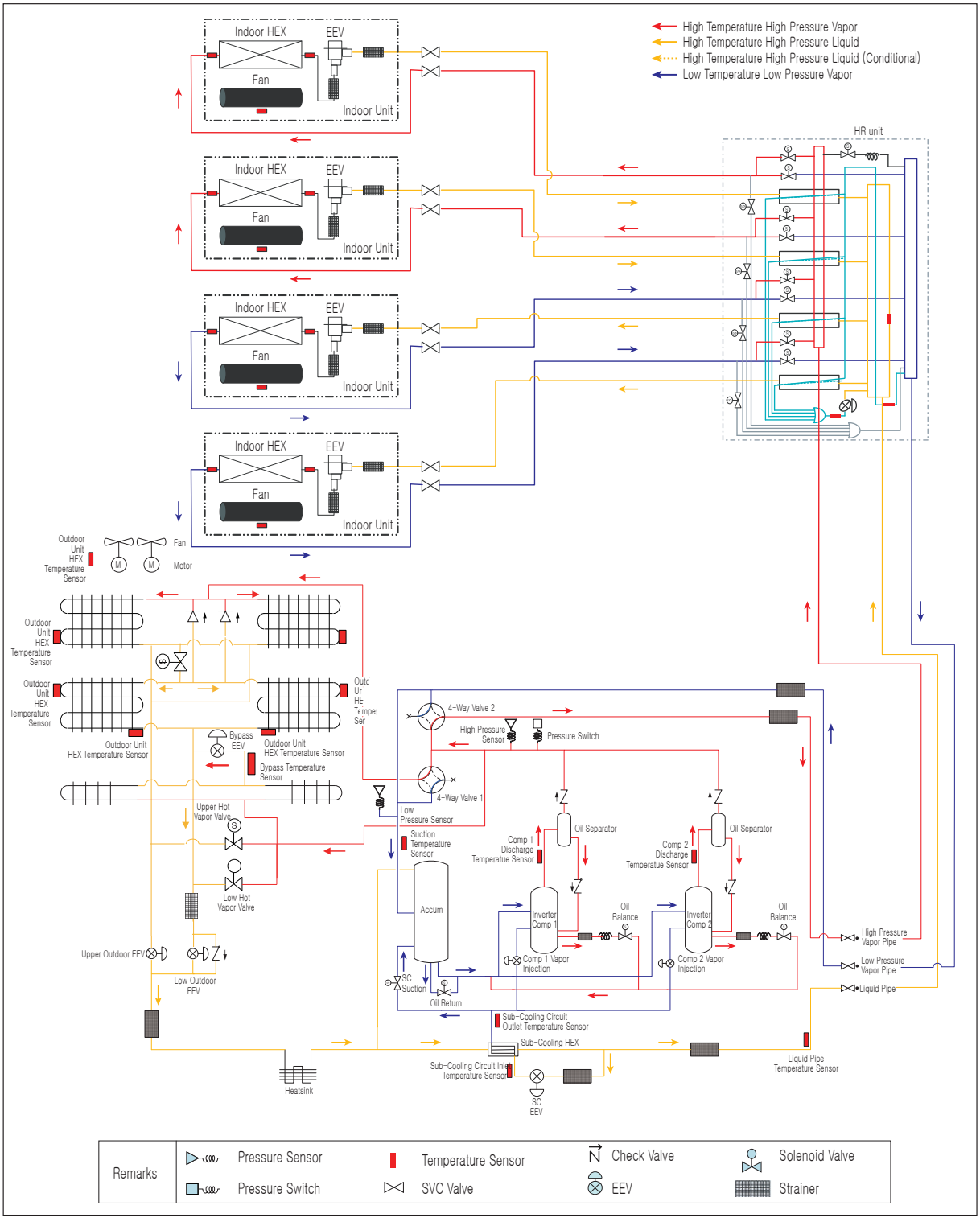
9. ARUM240LTE6

9.5.12 Heat Recovery : Heating-based Simultaneous Operation



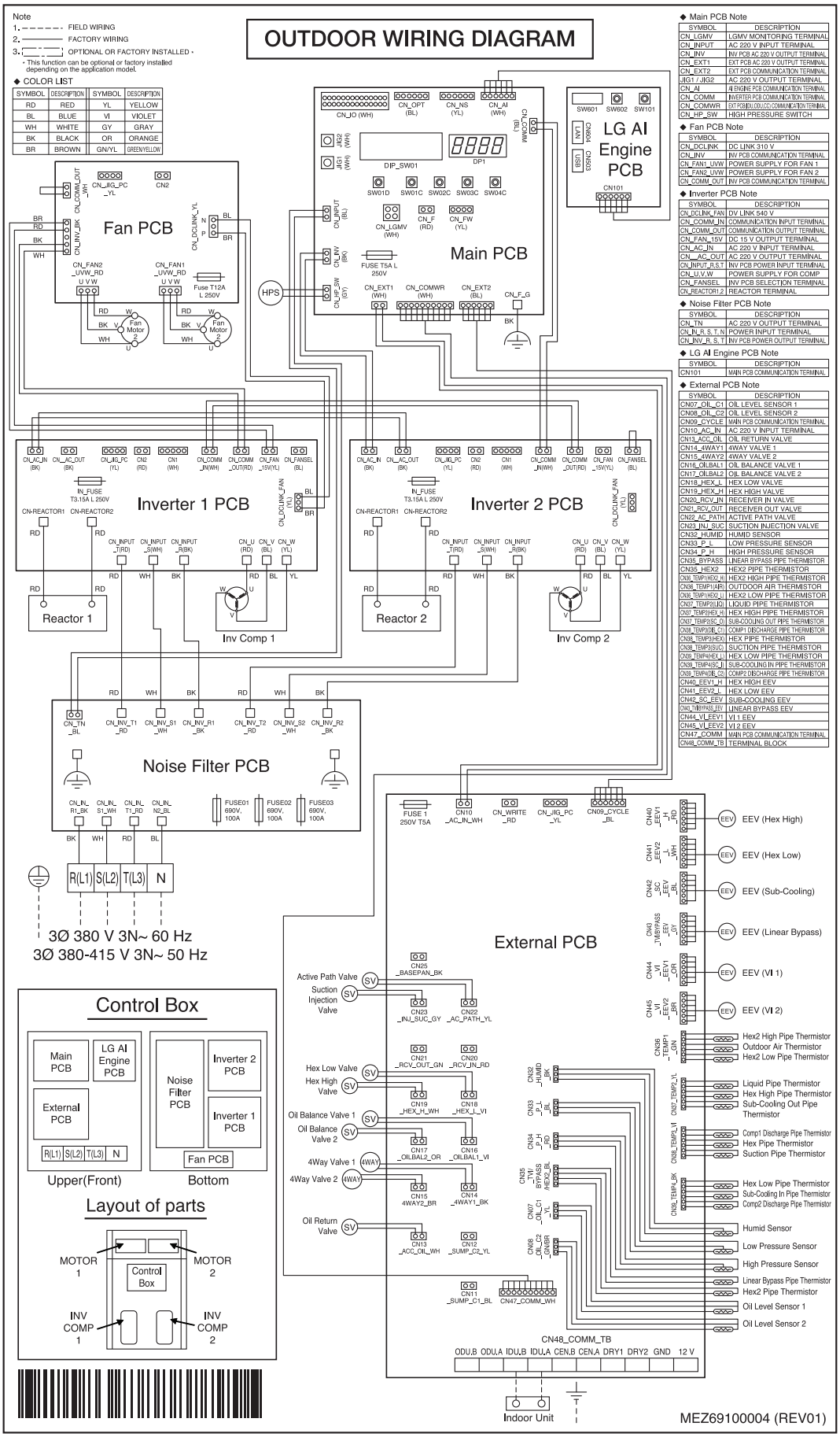
9. ARUM240LTE6

9.5.13 Heat Recovery : Balanced Simultaneous Operation



9. ARUM240LTE6

9.6 Wiring Diagrams



9. ARUM240LTE6

9.7 Capacity Tables

9.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	52.50	6.38	66.30	9.10	81.10	13.57	87.30	16.04	94.30	18.67	100.3	20.96	105.0	22.83
	12	52.50	7.01	66.30	10.06	81.10	14.94	87.30	17.58	94.30	20.20	100.3	22.53	105.0	24.38
	14	52.50	7.70	66.30	11.12	81.10	16.43	87.30	19.18	94.30	21.86	100.3	24.22	105.0	26.07
	16	52.50	8.48	66.30	12.29	81.10	18.06	87.30	20.88	94.30	23.65	100.3	26.05	105.0	27.90
	18	52.50	9.34	66.30	13.56	81.10	19.84	87.30	22.71	94.30	25.58	100.3	27.94	105.0	29.38
	20	52.50	10.28	66.30	14.96	81.10	21.78	87.30	24.69	94.30	27.12	100.3	29.06	105.0	30.45
	21	52.50	10.79	66.30	15.70	81.10	22.83	87.30	25.31	94.30	27.73	100.3	29.66	105.0	31.03
	23	52.50	11.89	66.30	17.30	81.10	24.26	87.30	26.58	94.30	29.02	100.3	30.95	105.0	32.28
	25	52.50	13.09	66.30	18.62	81.10	25.64	87.30	27.94	94.30	30.42	100.3	32.36	105.0	33.68
	27	52.50	14.18	66.30	19.83	81.10	27.03	87.30	29.39	94.30	31.94	100.3	33.93	105.0	35.27
	29	52.50	15.12	66.30	21.12	81.10	28.51	87.30	30.96	94.30	33.61	100.3	35.70	104.1	36.83
	31	52.50	16.12	66.30	22.51	81.10	30.10	87.30	32.67	94.30	35.48	100.3	37.71	102.7	38.43
	33	52.50	17.19	66.30	24.00	81.10	31.81	87.30	34.55	94.30	37.59	99.10	39.57	99.10	39.57
	35	52.50	18.33	66.30	25.61	81.10	33.68	87.30	36.64	92.90	39.33	92.80	39.30	92.90	39.31
	37	52.50	19.55	66.30	27.35	81.10	35.75	86.70	38.68	86.60	38.65	86.60	38.64	86.60	38.67
	39	52.50	20.85	66.30	29.26	80.50	37.74	80.50	37.75	80.50	37.73	80.40	37.70	80.40	37.70
	41	52.50	22.24	66.30	31.37	74.60	36.66	74.50	36.64	74.50	36.62	74.40	36.62	74.50	36.63
	43	52.50	23.74	66.30	33.72	68.70	35.39	68.60	35.38	68.60	35.35	68.60	35.39	68.60	35.38
	46	52.50	26.23	60.50	32.40	60.30	32.32	60.40	32.34	60.30	32.29	60.30	32.31	60.30	32.31
	48	52.50	28.07	55.10	30.18	55.10	30.19	55.10	30.15	55.00	30.13	55.10	30.18	55.00	30.14
	50	50.20	28.26	50.20	28.23	50.10	28.25	50.10	28.19	50.10	28.23	50.00	28.17	50.10	28.22
	52	44.80	24.91	45.40	23.56	45.40	22.19	45.30	21.90	45.40	21.60	45.40	21.34	45.40	21.16
120	10	48.40	5.80	61.20	7.95	74.80	11.47	80.60	13.40	87.10	15.94	92.60	18.03	96.90	19.64
	12	48.40	6.34	61.20	8.79	74.80	12.66	80.60	14.75	87.10	17.47	92.60	19.55	96.90	21.20
	14	48.40	6.94	61.20	9.70	74.80	13.97	80.60	16.23	87.10	19.09	92.60	21.19	96.90	22.87
	16	48.40	7.61	61.20	10.72	74.80	15.39	80.60	17.84	87.10	20.79	92.60	22.96	96.90	24.69
	18	48.40	8.35	61.20	11.83	74.80	16.95	80.60	19.60	87.10	22.61	92.60	24.87	96.90	26.65
	20	48.40	9.18	61.20	13.05	74.80	18.66	80.60	21.53	87.10	24.59	92.60	26.53	96.90	27.98
	21	48.40	9.63	61.20	13.71	74.80	19.57	80.60	22.56	87.10	25.22	92.60	27.14	96.90	28.58
	23	48.40	10.59	61.20	15.11	74.80	21.22	80.60	24.02	87.10	26.50	92.60	28.43	96.90	29.87
	25	48.40	11.65	61.20	16.51	74.80	22.56	80.60	25.46	87.10	27.85	92.60	29.82	96.90	31.28
	27	48.40	12.76	61.20	17.59	74.80	24.01	80.60	26.84	87.10	29.30	92.60	31.33	96.90	32.83
	29	48.40	13.60	61.20	18.75	74.80	25.57	80.60	28.32	87.10	30.87	92.60	32.97	96.90	34.54
	31	48.40	14.50	61.20	19.98	74.80	27.25	80.60	29.90	87.10	32.57	92.60	34.80	96.90	36.47
	33	48.40	15.46	61.20	21.30	74.80	29.07	80.60	31.60	87.10	34.45	92.60	36.84	96.90	38.68
	35	48.40	16.49	61.20	22.72	74.80	30.76	80.60	33.46	87.10	36.53	92.60	39.18	92.90	39.31
	37	48.40	17.59	61.20	24.24	74.80	32.60	80.60	35.50	86.70	38.65	86.60	38.65	86.60	38.66
	39	48.40	18.75	61.20	25.89	74.80	34.60	80.50	37.74	80.50	37.76	80.50	37.75	80.50	37.76
	41	48.40	20.00	61.20	27.68	74.60	36.64	74.50	36.61	74.50	36.63	74.50	36.65	74.50	36.64
	43	48.40	21.34	61.20	29.64	68.70	35.39	68.60	35.37	68.70	35.39	68.60	35.40	68.60	35.37
	46	48.40	23.53	60.40	32.37	60.40	32.32	60.40	32.32	60.40	32.35	60.30	32.33	60.30	32.30
	48	48.40	25.14	55.20	30.20	55.10	30.17	55.10	30.20	55.10	30.16	55.00	30.12	55.10	30.19
	50	48.40	26.88	50.20	28.22	50.10	28.18	50.10	28.18	50.10	28.18	50.10	28.24	50.10	28.22
	52	44.60	25.37	45.20	24.13	45.40	22.75	45.40	22.47	45.30	22.16	45.40	21.95	45.40	21.84
110	10	44.40	5.29	56.10	6.98	68.60	9.69	73.90	11.17	79.80	13.12	84.90	15.03	88.90	16.68
	12	44.40	5.75	56.10	7.68	68.60	10.72	73.90	12.34	79.80	14.45	84.90	16.50	88.90	18.16
	14	44.40	6.26	56.10	8.47	68.60	11.84	73.90	13.62	79.80	15.90	84.90	18.11	88.90	19.75

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	44.40	6.84	56.10	9.34	68.60	13.07	73.90	15.02	79.80	17.49	84.90	19.86	88.90	21.47
	18	44.40	7.48	56.10	10.30	68.60	14.43	73.90	16.54	79.80	19.23	84.90	21.73	88.90	23.33
	20	44.40	8.20	56.10	11.36	68.60	15.90	73.90	18.21	79.80	21.12	84.90	23.66	88.90	25.23
	21	44.40	8.58	56.10	11.93	68.60	16.69	73.90	19.11	79.80	22.14	84.90	24.45	88.90	25.84
	23	44.40	9.42	56.10	13.14	68.60	18.38	73.90	20.78	79.80	23.63	84.90	25.71	88.90	27.12
	25	44.40	10.35	56.10	14.48	68.60	19.64	73.90	22.10	79.80	25.11	84.90	27.05	88.90	28.49
	27	44.40	11.37	56.10	15.53	68.60	20.92	73.90	23.52	79.80	26.54	84.90	28.48	88.90	29.96
	29	44.40	12.18	56.10	16.56	68.60	22.28	73.90	25.04	79.80	28.01	84.90	30.01	88.90	31.55
	31	44.40	12.99	56.10	17.65	68.60	23.74	73.90	26.69	79.80	29.57	84.90	31.67	88.90	33.29
	33	44.40	13.85	56.10	18.82	68.60	25.32	73.90	28.49	79.80	31.26	84.90	33.48	88.90	35.22
	35	44.40	14.77	56.10	20.07	68.60	27.02	73.90	30.32	79.80	33.09	84.90	35.48	88.90	37.37
	37	44.40	15.75	56.10	21.40	68.60	28.89	73.90	32.12	79.80	35.11	84.90	37.72	86.70	38.66
	39	44.40	16.80	56.10	22.83	68.60	30.94	73.90	34.09	79.80	37.34	80.50	37.71	80.50	37.74
	41	44.40	17.92	56.10	24.38	68.60	33.23	73.90	36.25	74.50	36.62	74.40	36.60	74.50	36.61
	43	44.40	19.11	56.10	26.05	68.60	35.33	68.70	35.39	68.60	35.36	68.70	35.42	68.70	35.41
	46	44.40	21.06	56.10	28.84	60.40	32.34	60.40	32.33	60.30	32.29	60.30	32.29	60.30	32.30
	48	44.40	22.47	55.20	30.22	55.10	30.18	55.10	30.18	55.10	30.15	55.00	30.14	55.00	30.12
	50	44.40	24.00	50.20	28.27	50.10	28.20	50.10	28.22	50.10	28.18	50.10	28.21	50.10	28.23
	52	44.40	25.64	44.90	24.72	45.50	23.45	45.40	23.17	45.40	22.87	45.40	22.60	45.40	22.28
100	10	40.40	4.87	51.00	6.15	62.40	8.21	67.20	9.33	72.60	10.78	77.20	12.21	80.80	13.46
	12	40.40	5.25	51.00	6.75	62.40	9.07	67.20	10.31	72.60	11.92	77.20	13.47	80.80	14.81
	14	40.40	5.68	51.00	7.41	62.40	10.02	67.20	11.40	72.60	13.15	77.20	14.84	80.80	16.30
	16	40.40	6.16	51.00	8.14	62.40	11.07	67.20	12.59	72.60	14.51	77.20	16.34	80.80	17.91
	18	40.40	6.70	51.00	8.96	62.40	12.22	67.20	13.89	72.60	15.99	77.20	17.99	80.80	19.68
	20	40.40	7.31	51.00	9.86	62.40	13.48	67.20	15.32	72.60	17.61	77.20	19.78	80.80	21.62
	21	40.40	7.64	51.00	10.34	62.40	14.16	67.20	16.08	72.60	18.48	77.20	20.74	80.80	22.66
	23	40.40	8.36	51.00	11.39	62.40	15.61	67.20	17.71	72.60	20.18	77.20	22.32	80.80	24.11
	25	40.40	9.16	51.00	12.54	62.40	16.99	67.20	19.01	72.60	21.47	77.20	23.73	80.80	25.52
	27	40.40	10.05	51.00	13.63	62.40	18.10	67.20	20.24	72.60	22.85	77.20	25.24	80.80	26.91
	29	40.40	10.87	51.00	14.54	62.40	19.29	67.20	21.56	72.60	24.33	77.20	26.88	80.80	28.38
	31	40.40	11.58	51.00	15.50	62.40	20.56	67.20	22.98	72.60	25.93	77.20	28.46	80.80	29.97
	33	40.40	12.34	51.00	16.53	62.40	21.92	67.20	24.50	72.60	27.67	77.20	30.09	80.80	31.68
	35	40.40	13.16	51.00	17.63	62.40	23.38	67.20	26.15	72.60	29.57	77.20	31.85	80.80	33.54
	37	40.40	14.04	51.00	18.80	62.40	24.95	67.20	27.94	72.60	31.47	77.20	33.76	80.80	35.59
	39	40.40	14.97	51.00	20.05	62.40	26.65	67.20	29.90	72.60	33.38	77.20	35.87	80.50	37.74
	41	40.40	15.97	51.00	21.39	62.40	28.51	67.20	32.08	72.60	35.48	74.60	36.66	74.50	36.61
	43	40.40	17.03	51.00	22.82	62.40	30.56	67.20	34.46	68.70	35.40	68.60	35.37	68.60	35.37
	46	40.40	18.77	51.00	25.19	60.40	32.35	60.40	32.32	60.30	32.28	60.30	32.28	60.30	32.30
	48	40.40	20.02	51.00	26.94	55.20	30.19	55.10	30.18	55.10	30.15	55.10	30.14	55.10	30.14
	50	40.40	21.36	50.30	28.27	50.20	28.24	50.10	28.19	50.20	28.26	50.20	28.25	50.10	28.24
	52	40.40	22.80	44.80	25.08	45.20	24.13	45.40	23.74	45.40	23.31	45.40	22.90	45.40	22.59
90	10	36.30	4.51	45.90	5.47	56.10	6.99	60.50	7.81	65.30	8.87	69.50	9.91	72.70	10.82
	12	36.30	4.82	45.90	5.95	56.10	7.70	60.50	8.62	65.30	9.81	69.50	10.96	72.70	11.95
	14	36.30	5.17	45.90	6.50	56.10	8.48	60.50	9.52	65.30	10.84	69.50	12.11	72.70	13.20
	16	36.30	5.57	45.90	7.11	56.10	9.36	60.50	10.51	65.30	11.98	69.50	13.37	72.70	14.56
	18	36.30	6.02	45.90	7.79	56.10	10.32	60.50	11.61	65.30	13.22	69.50	14.75	72.70	16.04
	20	36.30	6.53	45.90	8.54	56.10	11.38	60.50	12.80	65.30	14.58	69.50	16.26	72.70	17.67
	21	36.30	6.81	45.90	8.95	56.10	11.95	60.50	13.45	65.30	15.31	69.50	17.06	72.70	18.54
	23	36.30	7.41	45.90	9.83	56.10	13.17	60.50	14.82	65.30	16.87	69.50	18.79	72.70	20.24
	25	36.30	8.09	45.90	10.81	56.10	14.51	60.50	16.23	65.30	18.21	69.50	20.03	72.70	21.53
	27	36.30	8.85	45.90	11.88	56.10	15.56	60.50	17.29	65.30	19.40	69.50	21.32	72.70	22.91

9. ARUM240LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	36.30	9.65	45.90	12.69	56.10	16.58	60.50	18.43	65.30	20.67	69.50	22.71	72.70	24.40
	31	36.30	10.27	45.90	13.53	56.10	17.68	60.50	19.65	65.30	22.02	69.50	24.20	72.70	26.00
	33	36.30	10.94	45.90	14.42	56.10	18.85	60.50	20.94	65.30	23.48	69.50	25.80	72.70	27.74
	35	36.30	11.66	45.90	15.38	56.10	20.10	60.50	22.33	65.30	25.05	69.50	27.55	72.70	29.65
	37	36.30	12.43	45.90	16.40	56.10	21.44	60.50	23.83	65.30	26.75	69.50	29.46	72.70	31.53
	39	36.30	13.26	45.90	17.49	56.10	22.87	60.50	25.44	65.30	28.61	69.50	31.57	72.70	33.45
	41	36.30	14.15	45.90	18.66	56.10	24.42	60.50	27.20	65.30	30.65	69.50	33.71	72.70	35.55
	43	36.30	15.10	45.90	19.90	56.10	26.09	60.50	29.11	65.30	32.91	68.70	35.40	68.70	35.40
	46	36.30	16.64	45.90	21.93	56.10	28.89	60.40	32.33	60.40	32.35	60.40	32.33	60.40	32.35
	48	36.30	17.75	45.90	23.42	55.30	30.26	55.20	30.23	55.20	30.20	55.10	30.19	55.10	30.20
	50	36.30	18.94	45.90	25.01	50.20	28.24	50.20	28.23	50.10	28.20	50.10	28.19	50.20	28.26
	52	36.30	20.21	44.50	25.54	45.00	24.54	45.20	24.14	45.50	23.71	45.50	23.30	45.40	22.97
80	10	32.30	4.02	40.80	4.91	49.90	6.00	53.70	6.58	58.10	7.34	61.70	8.07	64.60	8.71
	12	32.30	4.45	40.80	5.29	49.90	6.57	53.70	7.24	58.10	8.09	61.70	8.92	64.60	9.63
	14	32.30	4.73	40.80	5.73	49.90	7.20	53.70	7.96	58.10	8.93	61.70	9.85	64.60	10.64
	16	32.30	5.05	40.80	6.22	49.90	7.91	53.70	8.77	58.10	9.86	61.70	10.88	64.60	11.76
	18	32.30	5.42	40.80	6.78	49.90	8.70	53.70	9.66	58.10	10.87	61.70	12.01	64.60	12.98
	20	32.30	5.84	40.80	7.40	49.90	9.57	53.70	10.65	58.10	11.99	61.70	13.26	64.60	14.32
	21	32.30	6.07	40.80	7.73	49.90	10.03	53.70	11.18	58.10	12.60	61.70	13.92	64.60	15.03
	23	32.30	6.57	40.80	8.46	49.90	11.04	53.70	12.32	58.10	13.89	61.70	15.34	64.60	16.57
	25	32.30	7.14	40.80	9.27	49.90	12.16	53.70	13.57	58.10	15.30	61.70	16.74	64.60	17.92
	27	32.30	7.77	40.80	10.17	49.90	13.26	53.70	14.64	58.10	16.31	61.70	17.83	64.60	19.09
	29	32.30	8.48	40.80	11.00	49.90	14.13	53.70	15.61	58.10	17.39	61.70	19.01	64.60	20.34
	31	32.30	9.07	40.80	11.72	49.90	15.07	53.70	16.65	58.10	18.54	61.70	20.26	64.60	21.67
	33	32.30	9.64	40.80	12.49	49.90	16.07	53.70	17.75	58.10	19.76	61.70	21.59	64.60	23.10
	35	32.30	10.27	40.80	13.32	49.90	17.14	53.70	18.93	58.10	21.08	61.70	23.03	64.60	24.65
	37	32.30	10.94	40.80	14.20	49.90	18.28	53.70	20.18	58.10	22.48	61.70	24.58	64.60	26.32
	39	32.30	11.67	40.80	15.15	49.90	19.49	53.70	21.53	58.10	23.99	61.70	26.25	64.60	28.13
	41	32.30	12.45	40.80	16.16	49.90	20.79	53.70	22.97	58.10	25.62	61.70	28.07	64.60	30.13
	43	32.30	13.29	40.80	17.24	49.90	22.18	53.70	24.53	58.10	27.40	61.70	30.07	64.60	32.34
	46	32.30	14.66	40.80	18.99	49.90	24.47	53.70	27.11	58.10	30.39	60.40	32.34	60.40	32.35
	48	32.30	15.65	40.80	20.26	49.90	26.16	53.70	29.04	55.20	30.18	55.20	30.22	55.20	30.22
	50	32.30	16.70	40.80	21.62	49.90	28.00	50.20	28.27	50.20	28.25	50.10	28.22	50.10	28.21
	52	32.30	17.82	40.80	23.08	44.80	25.07	45.00	24.66	45.20	24.21	45.40	23.80	45.40	23.48
70	10	28.30	3.34	35.70	4.45	43.70	5.21	47.00	5.61	50.80	6.13	54.00	6.63	56.50	7.06
	12	28.30	4.14	35.70	4.75	43.70	5.65	47.00	6.12	50.80	6.72	54.00	7.29	56.50	7.78
	14	28.30	4.36	35.70	5.09	43.70	6.15	47.00	6.69	50.80	7.37	54.00	8.02	56.50	8.58
	16	28.30	4.61	35.70	5.48	43.70	6.71	47.00	7.33	50.80	8.10	54.00	8.84	56.50	9.46
	18	28.30	4.90	35.70	5.92	43.70	7.33	47.00	8.03	50.80	8.91	54.00	9.74	56.50	10.43
	20	28.30	5.23	35.70	6.41	43.70	8.02	47.00	8.82	50.80	9.81	54.00	10.73	56.50	11.51
	21	28.30	5.42	35.70	6.68	43.70	8.40	47.00	9.25	50.80	10.29	54.00	11.27	56.50	12.08
	23	28.30	5.83	35.70	7.27	43.70	9.21	47.00	10.16	50.80	11.33	54.00	12.41	56.50	13.32
	25	28.30	6.29	35.70	7.93	43.70	10.12	47.00	11.18	50.80	12.48	54.00	13.67	56.50	14.67
	27	28.30	6.81	35.70	8.67	43.70	11.11	47.00	12.28	50.80	13.57	54.00	14.75	56.50	15.71
	29	28.30	7.40	35.70	9.46	43.70	11.93	47.00	13.09	50.80	14.47	54.00	15.73	56.50	16.75
	31	28.30	7.96	35.70	10.07	43.70	12.72	47.00	13.95	50.80	15.43	54.00	16.77	56.50	17.86
	33	28.30	8.45	35.70	10.72	43.70	13.56	47.00	14.88	50.80	16.46	54.00	17.88	56.50	19.04
	35	28.30	8.98	35.70	11.43	43.70	14.46	47.00	15.87	50.80	17.55	54.00	19.06	56.50	20.30
	37	28.30	9.57	35.70	12.19	43.70	15.42	47.00	16.92	50.80	18.71	54.00	20.33	56.50	21.65
	39	28.30	10.20	35.70	13.00	43.70	16.45	47.00	18.05	50.80	19.96	54.00	21.68	56.50	23.10
	41	28.30	10.88	35.70	13.87	43.70	17.55	47.00	19.25	50.80	21.29	54.00	23.14	56.50	24.67

9. ARUM240LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	28.30	11.61	35.70	14.80	43.70	18.71	47.00	20.53	50.80	22.72	54.00	24.71	56.50	26.36
	46	28.30	12.82	35.70	16.31	43.70	20.62	47.00	22.64	50.80	25.07	54.00	27.32	56.50	29.20
	48	28.30	13.69	35.70	17.40	43.70	22.00	47.00	24.17	50.80	26.81	54.00	29.26	55.20	30.24
	50	28.30	14.62	35.70	18.57	43.70	23.49	47.00	25.83	50.30	28.31	50.20	28.25	50.20	28.22
	52	28.30	15.61	35.70	19.81	43.70	25.10	44.60	25.35	44.90	24.88	45.10	24.46	45.20	24.14
60	10	24.20	2.74	30.60	3.71	37.40	4.60	40.30	4.86	43.50	5.20	46.30	5.52	48.50	5.80
	12	24.20	3.81	30.60	4.31	37.40	4.92	40.30	5.24	43.50	5.64	46.30	6.01	48.50	6.34
	14	24.20	3.98	30.60	4.56	37.40	5.30	40.30	5.67	43.50	6.13	46.30	6.57	48.50	6.94
	16	24.20	4.18	30.60	4.86	37.40	5.72	40.30	6.15	43.50	6.68	46.30	7.19	48.50	7.61
	18	24.20	4.42	30.60	5.19	37.40	6.20	40.30	6.69	43.50	7.30	46.30	7.88	48.50	8.36
	20	24.20	4.68	30.60	5.57	37.40	6.73	40.30	7.30	43.50	8.00	46.30	8.65	48.50	9.19
	21	24.20	4.83	30.60	5.78	37.40	7.02	40.30	7.63	43.50	8.37	46.30	9.06	48.50	9.64
	23	24.20	5.16	30.60	6.24	37.40	7.66	40.30	8.34	43.50	9.18	46.30	9.96	48.50	10.60
	25	24.20	5.53	30.60	6.76	37.40	8.37	40.30	9.14	43.50	10.08	46.30	10.94	48.50	11.66
	27	24.20	5.96	30.60	7.35	37.40	9.16	40.30	10.03	43.50	11.07	46.30	12.03	48.50	12.76
	29	24.20	6.43	30.60	8.01	37.40	9.97	40.30	10.85	43.50	11.89	46.30	12.84	48.50	13.61
	31	24.20	6.95	30.60	8.58	37.40	10.61	40.30	11.56	43.50	12.68	46.30	13.69	48.50	14.51
	33	24.20	7.36	30.60	9.12	37.40	11.31	40.30	12.32	43.50	13.52	46.30	14.59	48.50	15.47
	35	24.20	7.80	30.60	9.71	37.40	12.05	40.30	13.13	43.50	14.41	46.30	15.56	48.50	16.50
	37	24.20	8.30	30.60	10.35	37.40	12.85	40.30	14.01	43.50	15.37	46.30	16.60	48.50	17.59
	39	24.20	8.83	30.60	11.03	37.40	13.71	40.30	14.94	43.50	16.40	46.30	17.70	48.50	18.76
	41	24.20	9.42	30.60	11.77	37.40	14.63	40.30	15.94	43.50	17.49	46.30	18.88	48.50	20.01
	43	24.20	10.05	30.60	12.56	37.40	15.61	40.30	17.00	43.50	18.65	46.30	20.14	48.50	21.35
	46	24.20	11.10	30.60	13.86	37.40	17.20	40.30	18.73	43.50	20.55	46.30	22.19	48.50	23.54
	48	24.20	11.87	30.60	14.80	37.40	18.35	40.30	19.98	43.50	21.93	46.30	23.70	48.50	25.15
	50	24.20	12.68	30.60	15.80	37.40	19.58	40.30	21.32	43.50	23.41	46.30	25.32	48.50	26.90
	52	24.20	13.56	30.60	16.86	37.40	20.89	40.30	22.76	43.50	25.01	44.60	25.40	44.80	25.07
50	10	20.20	2.14	25.50	2.95	31.20	3.82	33.60	4.28	36.30	4.50	38.60	4.70	40.40	4.87
	12	20.20	3.21	25.50	3.94	31.20	4.36	33.60	4.56	36.30	4.81	38.60	5.05	40.40	5.25
	14	20.20	3.53	25.50	4.13	31.20	4.62	33.60	4.86	36.30	5.16	38.60	5.44	40.40	5.68
	16	20.20	3.69	25.50	4.34	31.20	4.92	33.60	5.21	36.30	5.56	38.60	5.89	40.40	6.16
	18	20.20	3.88	25.50	4.59	31.20	5.27	33.60	5.60	36.30	6.01	38.60	6.39	40.40	6.71
	20	20.20	4.09	25.50	4.87	31.20	5.66	33.60	6.05	36.30	6.52	38.60	6.95	40.40	7.32
	21	20.20	4.21	25.50	5.02	31.20	5.88	33.60	6.29	36.30	6.80	38.60	7.26	40.40	7.65
	23	20.20	4.47	25.50	5.37	31.20	6.36	33.60	6.83	36.30	7.40	38.60	7.93	40.40	8.37
	25	20.20	4.77	25.50	5.76	31.20	6.89	33.60	7.43	36.30	8.08	38.60	8.67	40.40	9.16
	27	20.20	5.10	25.50	6.21	31.20	7.50	33.60	8.10	36.30	8.84	38.60	9.50	40.40	10.05
	29	20.20	5.49	25.50	6.72	31.20	8.17	33.60	8.86	36.30	9.64	38.60	10.32	40.40	10.87
	31	20.20	5.92	25.50	7.26	31.20	8.75	33.60	9.44	36.30	10.26	38.60	10.99	40.40	11.58
	33	20.20	6.29	25.50	7.69	31.20	9.30	33.60	10.05	36.30	10.92	38.60	11.71	40.40	12.35
	35	20.20	6.66	25.50	8.16	31.20	9.90	33.60	10.70	36.30	11.64	38.60	12.48	40.40	13.17
	37	20.20	7.07	25.50	8.68	31.20	10.55	33.60	11.41	36.30	12.42	38.60	13.31	40.40	14.04
	39	20.20	7.52	25.50	9.25	31.20	11.26	33.60	12.17	36.30	13.24	38.60	14.20	40.40	14.98
	41	20.20	8.02	25.50	9.86	31.20	12.01	33.60	12.98	36.30	14.13	38.60	15.15	40.40	15.98
	43	20.20	8.57	25.50	10.53	31.20	12.82	33.60	13.85	36.30	15.08	38.60	16.16	40.40	17.04
	46	20.20	9.51	25.50	11.62	31.20	14.14	33.60	15.28	36.30	16.61	38.60	17.81	40.40	18.77
	48	20.20	10.17	25.50	12.42	31.20	15.09	33.60	16.30	36.30	17.73	38.60	19.00	40.40	20.03
	50	20.20	10.89	25.50	13.27	31.20	16.11	33.60	17.40	36.30	18.91	38.60	20.27	40.40	21.37
	52	20.20	11.65	25.50	14.19	31.20	17.20	33.60	18.56	36.30	20.18	38.60	21.63	40.40	22.81

9. ARUM240LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

9. ARUM240LTE6

9.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	14.30	1.21	22.90	1.93	32.50	2.75	34.80	2.95	37.10	3.17	39.50	3.40	42.00	3.68
	12	14.30	1.21	22.90	1.94	32.50	2.77	34.80	2.97	37.10	3.19	39.50	3.43	42.00	3.72
	14	14.30	1.22	22.90	1.95	32.50	2.80	34.80	3.01	37.10	3.24	39.50	3.48	42.00	3.79
	16	14.30	1.22	22.90	1.97	32.50	2.85	34.80	3.08	37.10	3.32	39.50	3.59	42.00	3.94
	18	14.30	1.23	22.90	2.01	32.50	2.97	34.80	3.23	37.10	3.51	39.50	3.82	42.00	4.27
	20	14.30	1.27	22.90	2.11	32.50	3.29	34.80	3.62	37.10	4.00	39.50	4.42	42.00	5.17
	21	16.20	1.55	24.70	2.61	34.20	4.42	36.50	4.68	38.70	4.97	41.00	5.26	43.40	5.72
	23	20.00	3.37	28.40	4.25	37.80	5.51	39.90	5.84	42.10	6.20	44.10	6.53	46.20	7.07
	25	23.90	4.24	32.10	5.33	41.50	6.97	43.50	7.37	45.60	7.81	47.20	8.17	49.00	8.80
	27	27.80	5.41	36.00	6.80	45.20	8.90	47.10	9.39	49.10	9.89	50.40	10.22	54.80	11.69
	29	31.90	7.00	39.90	8.66	49.10	11.04	50.90	11.55	52.80	12.11	56.00	13.10	64.90	16.57
	31	36.10	8.87	43.90	10.77	53.00	13.63	54.70	14.20	59.40	15.91	66.20	18.59	74.90	23.12
	33	40.40	11.18	48.10	13.42	57.00	16.82	62.80	19.24	69.90	22.56	76.40	25.96	84.90	31.29
	35	44.90	14.11	52.30	16.71	66.90	23.64	73.20	27.20	80.30	31.37	86.60	34.30	94.90	38.98
	37	44.90	15.06	52.30	17.83	66.90	25.24	73.20	29.09	80.30	33.27	86.60	36.44	88.80	38.35
	39	44.90	16.08	52.30	19.03	66.90	26.98	73.20	31.17	80.30	35.34	83.30	36.99	82.40	37.23
	41	44.90	17.16	52.30	20.30	66.90	28.87	73.20	33.48	77.10	35.79	77.10	35.80	76.20	36.04
	43	44.90	18.31	52.30	21.67	66.90	30.95	71.10	34.25	71.10	34.21	71.00	34.20	70.20	34.72
	46	44.90	20.18	52.30	23.90	62.50	30.93	62.50	30.92	62.50	30.94	62.40	30.86	61.80	31.36
	48	44.90	21.54	52.30	25.54	57.10	28.90	57.10	28.91	57.00	28.88	57.00	28.90	56.30	29.23
	50	44.90	22.99	52.10	27.13	51.90	27.08	52.00	27.11	51.90	27.07	51.90	27.07	51.20	27.33
	52	44.80	24.55	45.50	22.93	46.20	21.70	46.40	21.46	46.50	21.19	46.70	20.97	46.40	21.05
120	10	13.20	1.12	21.20	1.78	30.00	2.53	32.10	2.72	34.20	2.90	36.40	3.10	38.70	3.36
	12	13.20	1.12	21.20	1.79	30.00	2.55	32.10	2.73	34.20	2.92	36.40	3.13	38.70	3.39
	14	13.20	1.12	21.20	1.79	30.00	2.57	32.10	2.76	34.20	2.96	36.40	3.17	38.70	3.45
	16	13.20	1.13	21.20	1.81	30.00	2.61	32.10	2.82	34.20	3.02	36.40	3.25	38.70	3.56
	18	13.20	1.14	21.20	1.84	30.00	2.71	32.10	2.93	34.20	3.16	36.40	3.43	38.70	3.82
	20	13.20	1.16	21.20	1.92	30.00	2.95	32.10	3.24	34.20	3.54	36.40	3.89	38.70	4.53
	21	14.90	1.40	22.80	2.33	31.60	3.85	33.70	4.31	35.80	4.59	37.80	4.85	40.00	5.25
	23	18.40	3.21	26.20	4.00	34.90	5.09	36.90	5.37	38.90	5.68	40.70	5.96	42.60	6.43
	25	22.00	3.99	29.70	4.96	38.30	6.37	40.10	6.72	42.10	7.09	43.60	7.39	45.30	7.94
	27	25.70	5.05	33.20	6.25	41.70	8.06	43.50	8.47	45.30	8.93	46.50	9.23	50.60	10.53
	29	29.50	6.47	36.80	7.95	45.30	10.02	46.90	10.46	48.70	10.94	51.70	11.79	59.90	14.77
	31	33.30	8.17	40.50	9.82	48.90	12.29	50.50	12.79	54.80	14.26	61.10	16.55	69.10	20.41
	33	37.30	10.22	44.40	12.16	52.70	15.10	58.00	17.19	64.50	20.01	70.50	22.89	78.30	27.91
	35	41.40	12.81	48.30	15.06	61.80	21.01	67.60	24.02	74.10	27.73	79.90	31.20	87.60	35.43
	37	41.40	13.68	48.30	16.08	61.80	22.42	67.60	25.65	74.10	29.67	79.90	33.08	87.60	37.67
	39	41.40	14.60	48.30	17.16	61.80	23.94	67.60	27.42	74.10	31.80	79.90	35.14	82.40	37.25
	41	41.40	15.58	48.30	18.31	61.80	25.57	67.60	29.35	74.10	34.11	77.20	35.83	76.30	36.10
	43	41.40	16.63	48.30	19.53	61.80	27.35	67.60	31.47	71.10	34.26	71.00	34.20	70.20	34.69
	46	41.40	18.34	48.30	21.54	61.80	30.32	62.60	30.95	62.50	30.91	62.50	30.91	61.80	31.36
	48	41.40	19.57	48.30	22.99	57.10	28.90	57.10	28.89	57.10	28.91	57.10	28.90	56.30	29.25
	50	41.40	20.88	48.30	24.55	51.90	27.06	52.00	27.12	51.90	27.08	52.00	27.11	51.30	27.42
	52	41.40	22.29	45.20	23.46	45.90	22.21	46.10	21.97	46.20	21.70	46.30	21.53	46.40	21.72
110	10	12.10	1.02	19.40	1.63	27.50	2.32	29.40	2.48	31.40	2.65	33.40	2.83	35.50	3.05
	12	12.10	1.02	19.40	1.63	27.50	2.33	29.40	2.50	31.40	2.67	33.40	2.85	35.50	3.07
	14	12.10	1.03	19.40	1.64	27.50	2.35	29.40	2.52	31.40	2.70	33.40	2.88	35.50	3.12
	16	12.10	1.03	19.40	1.65	27.50	2.38	29.40	2.56	31.40	2.75	33.40	2.94	35.50	3.20
	18	12.10	1.04	19.40	1.68	27.50	2.45	29.40	2.65	31.40	2.85	33.40	3.07	35.50	3.39

9. ARUM240LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	12.10	1.06	19.40	1.74	27.50	2.64	29.40	2.88	31.40	3.14	33.40	3.42	35.50	3.93
	21	13.70	1.27	20.90	2.07	29.00	3.33	30.90	3.70	32.80	4.10	34.70	4.47	36.70	4.81
	23	16.90	3.06	24.00	3.75	32.00	4.70	33.80	4.93	35.60	5.19	37.30	5.43	39.10	5.84
	25	20.20	3.75	27.20	4.61	35.10	5.81	36.80	6.11	38.60	6.42	39.90	6.68	41.50	7.14
	27	23.60	4.69	30.40	5.74	38.30	7.28	39.90	7.63	41.60	8.01	42.70	8.27	46.40	9.43
	29	27.00	5.96	33.70	7.25	41.50	9.06	43.00	9.43	44.60	9.84	47.40	10.57	54.90	13.11
	31	30.60	7.50	37.20	8.93	44.80	11.05	46.30	11.47	50.30	12.72	56.00	14.67	63.40	17.94
	33	34.20	9.31	40.70	10.98	48.30	13.50	53.10	15.27	59.10	17.67	64.70	20.08	71.80	24.26
	35	38.00	11.59	44.30	13.52	56.60	18.59	62.00	21.12	67.90	24.20	73.30	27.22	80.30	31.99
	37	38.00	12.37	44.30	14.43	56.60	19.84	62.00	22.54	67.90	25.85	73.30	29.11	80.30	33.93
	39	38.00	13.21	44.30	15.40	56.60	21.17	62.00	24.06	67.90	27.63	73.30	31.19	80.30	36.06
	41	38.00	14.10	44.30	16.44	56.60	22.59	62.00	25.71	67.90	29.58	73.30	33.49	76.30	36.08
	43	38.00	15.05	44.30	17.55	56.60	24.13	62.00	27.49	67.90	31.73	71.10	34.27	70.30	34.78
	46	38.00	16.60	44.30	19.34	56.60	26.66	62.00	30.49	62.60	30.95	62.50	30.90	61.70	31.32
	48	38.00	17.72	44.30	20.64	56.60	28.53	57.10	28.90	57.10	28.92	57.10	28.92	56.40	29.28
	50	38.00	18.91	44.30	22.02	52.00	27.11	51.90	27.06	52.00	27.13	51.90	27.08	51.30	27.40
	52	38.00	20.18	44.30	23.51	45.60	22.82	45.70	22.59	45.90	22.33	46.00	22.02	46.20	22.02
100	10	11.00	0.93	17.60	1.48	25.00	2.10	26.70	2.26	28.50	2.41	30.40	2.57	32.30	2.76
	12	11.00	0.93	17.60	1.48	25.00	2.11	26.70	2.27	28.50	2.42	30.40	2.58	32.30	2.78
	14	11.00	0.93	17.60	1.49	25.00	2.13	26.70	2.28	28.50	2.44	30.40	2.60	32.30	2.81
	16	11.00	0.94	17.60	1.50	25.00	2.15	26.70	2.31	28.50	2.48	30.40	2.65	32.30	2.87
	18	11.00	0.94	17.60	1.52	25.00	2.21	26.70	2.38	28.50	2.56	30.40	2.75	32.30	3.01
	20	11.00	0.96	17.60	1.57	25.00	2.34	26.70	2.55	28.50	2.77	30.40	3.00	32.30	3.40
	21	12.40	1.13	19.00	1.83	26.30	2.87	28.10	3.17	29.80	3.49	31.50	3.84	33.40	4.41
	23	15.40	2.90	21.80	3.51	29.10	4.34	30.70	4.54	32.40	4.75	33.90	4.95	35.50	5.29
	25	18.40	3.52	24.70	4.27	31.90	5.30	33.50	5.54	35.10	5.81	36.30	6.02	37.70	6.42
	27	21.40	4.35	27.70	5.27	34.80	6.56	36.30	6.86	37.80	7.18	38.80	7.39	42.20	8.36
	29	24.60	5.47	30.70	6.58	37.70	8.16	39.10	8.48	40.60	8.83	43.10	9.44	49.90	11.58
	31	27.80	6.87	33.80	8.08	40.80	9.89	42.10	10.24	45.70	11.30	50.90	12.94	57.60	15.67
	33	31.10	8.45	37.00	9.87	43.90	12.00	48.30	13.50	53.80	15.52	58.80	17.53	65.30	20.98
	35	34.50	10.44	40.20	12.08	51.50	16.36	56.30	18.47	61.80	21.02	66.60	23.48	73.00	27.90
	37	34.50	11.14	40.20	12.89	51.50	17.45	56.30	19.71	61.80	22.43	66.60	25.07	73.00	29.86
	39	34.50	11.89	40.20	13.76	51.50	18.63	56.30	21.03	61.80	23.95	66.60	26.79	73.00	32.01
	41	34.50	12.70	40.20	14.69	51.50	19.87	56.30	22.45	61.80	25.58	66.60	28.67	73.00	34.20
	43	34.50	13.56	40.20	15.69	51.50	21.21	56.30	23.97	61.80	27.36	66.60	30.73	70.30	34.72
	46	34.50	14.96	40.20	17.29	51.50	23.39	56.30	26.48	61.80	30.33	62.50	30.91	61.80	31.35
	48	34.50	15.98	40.20	18.46	51.50	24.99	56.30	28.34	57.10	28.91	57.20	28.95	56.30	29.25
	50	34.50	17.05	40.20	19.69	51.50	26.72	52.00	27.12	52.00	27.09	52.00	27.13	51.20	27.39
	52	34.50	18.20	40.20	21.01	45.20	23.46	45.40	23.09	45.70	22.69	45.90	22.31	46.00	22.32
90	10	9.90	0.84	15.90	1.33	22.50	1.89	24.10	2.03	25.70	2.16	27.30	2.30	29.10	2.48
	12	9.90	0.84	15.90	1.34	22.50	1.90	24.10	2.03	25.70	2.17	27.30	2.32	29.10	2.49
	14	9.90	0.84	15.90	1.34	22.50	1.91	24.10	2.05	25.70	2.19	27.30	2.33	29.10	2.51
	16	9.90	0.84	15.90	1.35	22.50	1.93	24.10	2.07	25.70	2.21	27.30	2.37	29.10	2.56
	18	9.90	0.85	15.90	1.36	22.50	1.97	24.10	2.12	25.70	2.27	27.30	2.44	29.10	2.66
	20	9.90	0.86	15.90	1.39	22.50	2.06	24.10	2.24	25.70	2.42	27.30	2.62	29.10	2.94
	21	11.20	1.01	17.10	1.60	23.70	2.46	25.30	2.69	26.80	2.95	28.40	3.22	30.00	3.85
	23	13.80	2.75	19.70	3.28	26.20	3.99	27.70	4.16	29.20	4.35	30.50	4.51	32.00	4.79
	25	16.50	3.30	22.20	3.94	28.70	4.82	30.10	5.03	31.60	5.24	32.70	5.42	34.00	5.75
	27	19.30	4.03	24.90	4.81	31.30	5.90	32.60	6.15	34.00	6.41	34.90	6.59	38.00	7.39
	29	22.10	5.00	27.60	5.95	34.00	7.30	35.20	7.59	36.50	7.88	38.70	8.39	44.90	10.17
	31	25.00	6.27	30.40	7.30	36.70	8.81	37.90	9.10	41.10	9.98	45.80	11.34	51.80	13.60

9. ARUM240LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	28.00	7.65	33.30	8.83	39.50	10.62	43.50	11.87	48.40	13.53	52.90	15.19	58.80	18.02
	35	31.10	9.36	36.20	10.73	46.30	14.30	50.70	16.04	55.60	18.13	59.90	20.13	65.70	23.69
	37	31.10	9.98	36.20	11.45	46.30	15.26	50.70	17.12	55.60	19.35	59.90	21.49	65.70	25.30
	39	31.10	10.65	36.20	12.23	46.30	16.29	50.70	18.27	55.60	20.65	59.90	22.94	65.70	27.04
	41	31.10	11.38	36.20	13.06	46.30	17.38	50.70	19.49	55.60	22.04	59.90	24.49	65.70	28.94
	43	31.10	12.15	36.20	13.94	46.30	18.55	50.70	20.80	55.60	23.53	59.90	26.18	65.70	31.03
	46	31.10	13.42	36.20	15.39	46.30	20.44	50.70	22.94	55.60	25.99	59.90	28.98	61.80	31.36
	48	31.10	14.34	36.20	16.43	46.30	21.82	50.70	24.50	55.60	27.80	57.10	28.89	56.40	29.30
	50	31.10	15.31	36.20	17.53	46.30	23.29	50.70	26.19	52.00	27.13	52.00	27.08	51.30	27.43
	52	31.10	16.35	36.20	18.71	45.00	23.86	45.20	23.47	45.50	23.06	45.70	22.68	45.80	22.68
80	10	8.80	0.74	14.10	1.18	20.00	1.68	21.40	1.80	22.80	1.92	24.30	2.05	25.80	2.20
	12	8.80	0.74	14.10	1.19	20.00	1.68	21.40	1.80	22.80	1.93	24.30	2.05	25.80	2.21
	14	8.80	0.75	14.10	1.19	20.00	1.69	21.40	1.81	22.80	1.94	24.30	2.07	25.80	2.22
	16	8.80	0.75	14.10	1.19	20.00	1.71	21.40	1.83	22.80	1.96	24.30	2.09	25.80	2.25
	18	8.80	0.75	14.10	1.20	20.00	1.73	21.40	1.86	22.80	2.00	24.30	2.14	25.80	2.32
	20	8.80	0.76	14.10	1.23	20.00	1.80	21.40	1.95	22.80	2.10	24.30	2.26	25.80	2.51
	21	10.00	0.88	15.20	1.39	21.10	2.09	22.40	2.28	23.80	2.48	25.20	2.69	26.70	3.15
	23	12.30	2.61	17.50	3.06	23.30	3.67	24.60	3.81	25.90	3.96	27.10	4.10	28.40	4.34
	25	14.70	3.08	19.80	3.63	25.50	4.38	26.80	4.55	28.00	4.73	29.00	4.87	30.20	5.15
	27	17.10	3.71	22.10	4.38	27.80	5.29	29.00	5.49	30.20	5.71	31.00	5.85	33.70	6.50
	29	19.60	4.55	24.50	5.35	30.20	6.47	31.30	6.71	32.50	6.96	34.40	7.41	39.90	8.88
	31	22.20	5.65	27.00	6.56	32.60	7.81	33.60	8.05	36.60	8.77	40.70	9.88	46.10	11.71
	33	24.90	6.89	29.60	7.87	35.10	9.34	38.60	10.36	43.00	11.72	47.00	13.06	52.20	15.35
	35	27.60	8.36	32.20	9.48	41.20	12.41	45.10	13.83	49.40	15.52	53.30	17.13	58.40	19.97
	37	27.60	8.90	32.20	10.11	41.20	13.24	45.10	14.76	49.40	16.56	53.30	18.27	58.40	21.30
	39	27.60	9.50	32.20	10.80	41.20	14.14	45.10	15.75	49.40	17.67	53.30	19.50	58.40	22.74
	41	27.60	10.14	32.20	11.53	41.20	15.09	45.10	16.81	49.40	18.86	53.30	20.81	58.40	24.28
	43	27.60	10.83	32.20	12.32	41.20	16.11	45.10	17.94	49.40	20.12	53.30	22.21	58.40	25.95
	46	27.60	11.97	32.20	13.60	41.20	17.76	45.10	19.77	49.40	22.19	53.30	24.51	58.40	28.74
	48	27.60	12.79	32.20	14.53	41.20	18.95	45.10	21.10	49.40	23.69	53.30	26.20	56.50	29.33
	50	27.60	13.67	32.20	15.52	41.20	20.22	45.10	22.52	49.40	25.31	52.00	27.11	51.30	27.42
	52	27.60	14.61	32.20	16.57	41.20	21.58	45.00	23.97	45.20	23.54	45.40	23.15	45.60	23.16
70	10	7.70	0.65	12.30	1.04	17.50	1.47	18.70	1.57	20.00	1.68	21.30	1.79	22.60	1.92
	12	7.70	0.65	12.30	1.04	17.50	1.47	18.70	1.58	20.00	1.68	21.30	1.79	22.60	1.92
	14	7.70	0.65	12.30	1.04	17.50	1.48	18.70	1.58	20.00	1.69	21.30	1.80	22.60	1.94
	16	7.70	0.65	12.30	1.04	17.50	1.49	18.70	1.59	20.00	1.70	21.30	1.82	22.60	1.96
	18	7.70	0.66	12.30	1.05	17.50	1.51	18.70	1.62	20.00	1.73	21.30	1.85	22.60	2.00
	20	7.70	0.66	12.30	1.07	17.50	1.55	18.70	1.67	20.00	1.80	21.30	1.93	22.60	2.13
	21	8.70	0.77	13.30	1.20	18.40	1.76	19.60	1.91	20.90	2.06	22.10	2.22	23.30	2.55
	23	10.80	2.27	15.30	2.85	20.40	3.36	21.50	3.48	22.70	3.60	23.70	3.72	24.90	3.92
	25	12.80	2.87	17.30	3.33	22.30	3.95	23.40	4.10	24.50	4.24	25.40	4.36	26.40	4.59
	27	15.00	3.41	19.40	3.97	24.40	4.72	25.40	4.89	26.40	5.06	27.20	5.18	29.50	5.71
	29	17.20	4.12	21.50	4.78	26.40	5.71	27.40	5.90	28.40	6.11	30.10	6.46	34.90	7.70
	31	19.50	5.05	23.60	5.84	28.50	6.89	29.40	7.08	32.00	7.66	35.70	8.54	40.30	10.01
	33	21.80	6.13	25.90	6.98	30.70	8.16	33.80	8.98	37.60	10.06	41.10	11.13	45.70	12.94
	35	24.20	7.42	28.20	8.33	36.00	10.67	39.40	11.80	43.20	13.15	46.60	14.42	51.10	16.65
	37	24.20	7.89	28.20	8.87	36.00	11.39	39.40	12.60	43.20	14.03	46.60	15.39	51.10	17.77
	39	24.20	8.41	28.20	9.47	36.00	12.16	39.40	13.45	43.20	14.98	46.60	16.42	51.10	18.96
	41	24.20	8.98	28.20	10.11	36.00	12.99	39.40	14.36	43.20	15.99	46.60	17.52	51.10	20.23
	43	24.20	9.59	28.20	10.80	36.00	13.87	39.40	15.33	43.20	17.06	46.60	18.70	51.10	21.59
	46	24.20	10.60	28.20	11.94	36.00	15.30	39.40	16.91	43.20	18.81	46.60	20.61	51.10	23.82

9. ARUM240LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	24.20	11.34	28.20	12.76	36.00	16.34	39.40	18.04	43.20	20.07	46.60	22.00	51.10	25.46
	50	24.20	12.13	28.20	13.64	36.00	17.44	39.40	19.25	43.20	21.42	46.60	23.49	51.10	27.23
	52	24.20	12.98	28.20	14.58	36.00	18.61	39.40	20.54	43.20	22.86	45.10	23.79	45.20	23.80
60	10	6.60	0.56	10.60	0.89	15.00	1.26	16.00	1.35	17.10	1.44	18.20	1.53	19.40	1.64
	12	6.60	0.56	10.60	0.89	15.00	1.26	16.00	1.35	17.10	1.44	18.20	1.53	19.40	1.65
	14	6.60	0.56	10.60	0.89	15.00	1.26	16.00	1.35	17.10	1.44	18.20	1.54	19.40	1.65
	16	6.60	0.56	10.60	0.89	15.00	1.27	16.00	1.36	17.10	1.45	18.20	1.55	19.40	1.67
	18	6.60	0.56	10.60	0.90	15.00	1.28	16.00	1.38	17.10	1.47	18.20	1.57	19.40	1.70
	20	6.60	0.57	10.60	0.91	15.00	1.31	16.00	1.41	17.10	1.51	18.20	1.62	19.40	1.77
	21	7.50	0.65	11.40	1.01	15.80	1.46	16.80	1.57	17.90	1.69	18.90	1.82	20.00	2.04
	23	9.20	1.60	13.10	2.40	17.50	3.06	18.40	3.16	19.40	3.26	20.30	3.35	21.30	3.52
	25	11.00	2.67	14.80	3.05	19.10	3.56	20.10	3.67	21.00	3.79	21.80	3.88	22.60	4.07
	27	12.90	3.12	16.60	3.57	20.90	4.19	21.80	4.32	22.70	4.46	23.30	4.55	25.30	4.98
	29	14.70	3.71	18.40	4.25	22.60	5.00	23.50	5.15	24.30	5.31	25.80	5.60	29.90	6.56
	31	16.70	4.48	20.30	5.12	24.50	6.01	25.20	6.18	27.40	6.65	30.60	7.33	34.60	8.47
	33	18.70	5.40	22.20	6.09	26.30	7.09	29.00	7.72	32.30	8.56	35.30	9.39	39.20	10.79
	35	20.70	6.48	24.10	7.26	30.90	9.10	33.80	9.97	37.10	11.01	40.00	11.98	43.80	13.70
	37	20.70	6.88	24.10	7.73	30.90	9.70	33.80	10.64	37.10	11.75	40.00	12.79	43.80	14.62
	39	20.70	7.32	24.10	8.23	30.90	10.35	33.80	11.36	37.10	12.55	40.00	13.66	43.80	15.61
	41	20.70	7.81	24.10	8.79	30.90	11.06	33.80	12.13	37.10	13.40	40.00	14.58	43.80	16.66
	43	20.70	8.35	24.10	9.39	30.90	11.81	33.80	12.96	37.10	14.30	40.00	15.56	43.80	17.78
	46	20.70	9.27	24.10	10.38	30.90	13.05	33.80	14.31	37.10	15.78	40.00	17.16	43.80	19.59
	48	20.70	9.96	24.10	11.11	30.90	13.94	33.80	15.28	37.10	16.84	40.00	18.31	43.80	20.91
	50	20.70	10.68	24.10	11.89	30.90	14.89	33.80	16.31	37.10	17.98	40.00	19.54	43.80	22.32
	52	20.70	11.43	24.10	12.72	30.90	15.91	33.80	17.41	37.10	19.18	40.00	20.85	43.80	23.83
50	10	5.50	0.49	8.80	0.74	12.50	1.05	13.40	1.12	14.30	1.20	15.20	1.27	16.10	1.37
	12	5.50	0.49	8.80	0.74	12.50	1.05	13.40	1.12	14.30	1.20	15.20	1.28	16.10	1.37
	14	5.50	0.49	8.80	0.74	12.50	1.05	13.40	1.13	14.30	1.20	15.20	1.28	16.10	1.37
	16	5.50	0.49	8.80	0.74	12.50	1.06	13.40	1.13	14.30	1.21	15.20	1.29	16.10	1.38
	18	5.50	0.49	8.80	0.75	12.50	1.06	13.40	1.14	14.30	1.22	15.20	1.30	16.10	1.40
	20	5.50	0.50	8.80	0.75	12.50	1.08	13.40	1.16	14.30	1.24	15.20	1.33	16.10	1.44
	21	6.20	0.54	9.50	0.83	13.20	1.18	14.00	1.27	14.90	1.36	15.80	1.45	16.70	1.61
	23	7.70	1.11	10.90	1.64	14.50	2.78	15.40	2.86	16.20	2.94	16.90	3.01	17.80	3.14
	25	10.30	2.64	12.40	2.78	16.00	3.18	16.70	3.27	17.50	3.36	18.20	3.44	18.90	3.58
	27	10.70	2.84	13.80	3.20	17.40	3.68	18.10	3.79	18.90	3.90	19.40	3.97	21.10	4.30
	29	12.30	3.31	15.30	3.74	18.90	4.33	19.60	4.45	20.30	4.57	21.50	4.79	24.90	5.54
	31	13.90	3.93	16.90	4.44	20.40	5.14	21.00	5.28	22.80	5.67	25.50	6.23	28.80	7.10
	33	15.50	4.70	18.50	5.25	21.90	6.04	24.10	6.56	26.90	7.22	29.40	7.83	32.60	8.87
	35	17.30	5.57	20.10	6.18	25.70	7.67	28.20	8.33	30.90	9.10	33.30	9.82	36.50	11.09
	37	17.30	5.89	20.10	6.56	25.70	8.17	28.20	8.87	30.90	9.70	33.30	10.48	36.50	11.84
	39	17.30	6.25	20.10	6.98	25.70	8.71	28.20	9.47	30.90	10.36	33.30	11.18	36.50	12.64
	41	17.30	6.64	20.10	7.44	25.70	9.30	28.20	10.11	30.90	11.06	33.30	11.94	36.50	13.49
	43	17.30	7.08	20.10	7.95	25.70	9.93	28.20	10.80	30.90	11.82	33.30	12.76	36.50	14.40
	46	17.30	7.82	20.10	8.81	25.70	10.98	28.20	11.94	30.90	13.05	33.30	14.09	36.50	15.89
	48	17.30	8.38	20.10	9.46	25.70	11.75	28.20	12.76	30.90	13.94	33.30	15.04	36.50	16.96
	50	17.30	8.99	20.10	10.17	25.70	12.57	28.20	13.64	30.90	14.90	33.30	16.06	36.50	18.10
	52	17.30	9.66	20.10	10.96	25.70	13.44	28.20	14.58	30.90	15.91	33.30	17.15	36.50	19.32

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

9. ARUM240LTE6

9.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	42.10	20.97	41.80	21.15	41.40	21.33	41.30	21.41	41.10	21.50	40.80	21.68
	-24.8	-25	49.10	22.02	48.70	22.22	48.30	22.42	48.20	22.52	48.00	22.62	47.60	22.81
	-21.8	-22	53.40	22.62	53.00	22.84	52.70	23.05	52.50	23.15	52.30	23.26	51.90	23.46
	-19.8	-20	56.50	23.03	56.10	23.25	55.70	23.47	55.50	23.58	55.30	23.69	54.90	23.90
	-18.8	-19	58.10	23.23	57.60	23.46	57.20	23.68	57.00	23.79	56.80	23.90	56.40	24.12
	-16.7	-17	61.30	23.64	60.90	23.87	60.50	24.11	60.20	24.22	60.00	24.33	59.60	24.56
	-15	-15.9	63.30	23.88	62.80	24.12	62.40	24.35	62.20	24.47	61.90	24.58	61.50	24.81
	-13.7	-15	65.10	24.09	64.70	24.34	64.20	24.58	64.00	24.70	63.80	24.82	63.40	25.05
	-11.8	-13	68.40	24.48	67.90	24.73	67.50	24.98	67.20	25.10	67.00	25.22	66.50	25.46
	-9.8	-11	72.10	24.90	71.60	25.16	71.10	25.41	70.90	25.54	70.60	25.66	70.10	25.90
	-9.5	-10	73.90	25.09	73.40	25.36	72.90	25.61	72.60	25.74	72.40	25.87	71.80	26.11
	-8.5	-9.1	75.70	25.29	75.10	25.55	74.60	25.81	74.30	25.94	74.10	26.07	73.60	26.32
	-7	-7.6	78.70	25.61	78.10	25.88	77.60	26.15	77.30	26.28	77.00	26.41	76.50	26.66
	-5	-5.6	82.90	26.04	82.30	26.32	81.70	26.60	81.40	26.73	81.10	26.87	80.50	27.13
	-3	-3.7	87.00	26.46	86.40	26.75	85.80	27.03	85.50	27.17	85.20	27.31	84.60	27.57
	0	-0.7	93.80	27.14	93.20	27.43	92.50	27.73	92.10	27.87	91.80	28.01	86.00	26.10
	3	2.2	100.7	27.79	99.90	28.10	98.30	28.02	95.20	27.06	92.10	26.11	86.00	24.24
	5	4.1	105.3	28.22	104.4	28.51	98.30	26.67	95.20	25.77	92.10	24.87	86.00	23.10
	7	6	110.0	28.65	104.4	27.12	98.30	25.38	95.20	24.52	92.10	23.66	86.00	21.98
	9	7.9	110.6	27.39	104.4	25.72	98.30	24.08	95.20	23.27	92.10	22.47	86.00	20.88
	11	9.8	110.6	25.95	104.4	24.38	98.30	22.83	95.20	22.07	92.10	21.32	86.00	19.83
	13	11.8	110.6	24.49	104.4	23.02	98.30	21.58	95.20	20.86	92.10	20.16	86.00	18.76
	15	13.7	110.6	23.16	104.4	21.79	98.30	20.43	95.20	19.76	92.10	19.10	86.00	17.78
120	-30	-30.2	41.90	21.06	41.60	21.24	41.30	21.41	41.10	21.50	41.00	21.59	40.70	21.76
	-24.8	-25	48.80	22.14	48.50	22.34	48.10	22.54	48.00	22.64	47.80	22.73	47.40	22.92
	-21.8	-22	53.20	22.77	52.80	22.98	52.40	23.19	52.20	23.29	52.00	23.39	51.70	23.59
	-19.8	-20	56.20	23.19	55.80	23.41	55.40	23.62	55.20	23.73	55.00	23.83	54.60	24.04
	-18.8	-19	57.80	23.40	57.30	23.62	56.90	23.84	56.70	23.95	56.50	24.06	56.10	24.27
	-16.7	-17	61.00	23.82	60.60	24.05	60.10	24.28	59.90	24.39	59.70	24.50	59.30	24.72
	-15	-15.9	62.90	24.07	62.50	24.30	62.00	24.54	61.80	24.65	61.60	24.76	61.20	24.99
	-13.7	-15	64.70	24.30	64.30	24.54	63.90	24.78	63.70	24.90	63.40	25.01	63.00	25.24
	-11.8	-13	68.00	24.70	67.50	24.95	67.00	25.19	66.80	25.31	66.60	25.43	66.10	25.66
	-9.8	-11	71.70	25.14	71.10	25.39	70.60	25.64	70.40	25.76	70.10	25.88	69.70	26.12
	-9.5	-10	73.40	25.34	72.90	25.60	72.40	25.85	72.10	25.98	71.90	26.10	71.40	26.34
	-8.5	-9.1	75.20	25.55	74.60	25.81	74.10	26.06	73.80	26.19	73.60	26.31	73.10	26.56
	-7	-7.6	78.10	25.88	77.60	26.15	77.00	26.41	76.70	26.54	76.50	26.67	75.90	26.91
	-5	-5.6	82.20	26.34	81.60	26.62	81.10	26.89	80.80	27.02	80.50	27.15	79.40	27.14
	-3	-3.7	86.30	26.79	85.70	27.07	85.10	27.35	84.80	27.48	84.50	27.61	79.40	25.86
	0	-0.7	93.00	27.51	92.30	27.80	90.70	27.67	87.90	26.73	85.00	25.80	79.40	23.95
	3	2.2	99.70	28.20	96.40	27.43	90.70	25.68	87.90	24.81	85.00	23.95	79.40	22.26
	5	4.1	102.0	27.80	96.40	26.11	90.70	24.46	87.90	23.64	85.00	22.83	79.40	21.23
	7	6	102.0	26.45	96.40	24.85	90.70	23.27	87.90	22.50	85.00	21.73	79.40	20.21
	9	7.9	102.0	25.09	96.40	23.58	90.70	22.10	87.90	21.37	85.00	20.64	79.40	19.21
	11	9.8	102.0	23.78	96.40	22.37	90.70	20.97	87.90	20.28	85.00	19.60	79.40	18.25
	13	11.8	102.0	22.46	96.40	21.14	90.70	19.83	87.90	19.19	85.00	18.55	79.40	17.28

9. ARUM240LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	102.0	21.26	96.40	20.02	90.70	18.79	87.90	18.19	85.00	17.58	79.40	16.40
110	-30	-30.2	41.70	21.17	41.40	21.35	41.10	21.52	41.00	21.61	40.80	21.69	40.50	21.86
	-24.8	-25	48.60	22.29	48.20	22.48	47.90	22.68	47.70	22.77	47.50	22.87	47.20	23.05
	-21.8	-22	52.90	22.93	52.50	23.14	52.10	23.35	51.90	23.45	51.70	23.55	51.40	23.75
	-19.8	-20	55.90	23.37	55.50	23.59	55.10	23.80	54.90	23.90	54.70	24.01	54.30	24.21
	-18.8	-19	57.40	23.59	57.00	23.81	56.60	24.02	56.40	24.13	56.20	24.24	55.80	24.44
	-16.7	-17	60.60	24.03	60.20	24.26	59.70	24.48	59.50	24.59	59.30	24.70	58.90	24.91
	-15	-15.9	62.50	24.29	62.10	24.52	61.60	24.75	61.40	24.86	61.20	24.97	60.80	25.19
	-13.7	-15	64.30	24.54	63.90	24.77	63.50	25.01	63.20	25.12	63.00	25.23	62.60	25.46
	-11.8	-13	67.50	24.95	67.00	25.20	66.60	25.43	66.30	25.55	66.10	25.66	65.60	25.89
	-9.8	-11	71.10	25.41	70.60	25.66	70.10	25.91	69.90	26.02	69.60	26.14	69.10	26.37
	-9.5	-10	72.80	25.63	72.30	25.88	71.80	26.13	71.60	26.25	71.30	26.37	70.80	26.60
	-8.5	-9.1	74.50	25.85	74.00	26.10	73.50	26.35	73.20	26.47	73.00	26.59	72.50	26.83
	-7	-7.6	77.50	26.21	76.90	26.46	76.40	26.72	76.10	26.84	75.80	26.97	72.80	25.98
	-5	-5.6	81.50	26.69	80.90	26.96	80.30	27.22	80.00	27.35	78.00	26.62	72.80	24.72
	-3	-3.7	85.50	27.17	84.90	27.44	83.10	27.19	80.60	26.27	78.00	25.36	72.80	23.56
	0	-0.7	92.00	27.93	88.30	26.89	83.10	25.18	80.60	24.34	78.00	23.50	72.80	21.85
	3	2.2	93.50	26.55	88.30	24.95	83.10	23.39	80.60	22.61	78.00	21.84	72.80	20.33
	5	4.1	93.50	25.28	88.30	23.78	83.10	22.29	80.60	21.56	78.00	20.84	72.80	19.40
	7	6	93.50	24.06	88.30	22.63	83.10	21.22	80.60	20.52	78.00	19.83	72.80	18.47
	9	7.9	93.50	22.84	88.30	21.49	83.10	20.16	80.60	19.51	78.00	18.86	72.80	17.57
	11	9.8	93.50	21.67	88.30	20.40	83.10	19.15	80.60	18.53	78.00	17.92	72.80	16.71
	13	11.8	93.50	20.48	88.30	19.29	83.10	18.12	80.60	17.54	78.00	16.97	72.80	15.83
	15	13.7	93.50	19.40	88.30	18.29	83.10	17.19	80.60	16.64	78.00	16.10	72.80	15.03
100	-30	-30.2	41.50	21.30	41.20	21.47	40.90	21.65	40.70	21.73	40.60	21.81	40.30	21.98
	-24.8	-25	48.30	22.46	47.90	22.65	47.60	22.84	47.40	22.93	47.30	23.03	46.90	23.21
	-21.8	-22	52.50	23.13	52.10	23.34	51.80	23.54	51.60	23.63	51.40	23.73	51.10	23.93
	-19.8	-20	55.50	23.59	55.10	23.80	54.70	24.00	54.50	24.11	54.30	24.21	53.90	24.41
	-18.8	-19	57.00	23.82	56.60	24.03	56.20	24.24	56.00	24.35	55.80	24.45	55.40	24.65
	-16.7	-17	60.10	24.28	59.70	24.50	59.30	24.72	59.10	24.83	58.90	24.93	58.50	25.14
	-15	-15.9	62.00	24.56	61.60	24.78	61.10	25.00	60.90	25.11	60.70	25.22	60.30	25.43
	-13.7	-15	63.80	24.81	63.40	25.05	63.00	25.27	62.80	25.38	62.60	25.50	62.20	25.71
	-11.8	-13	66.90	25.25	66.50	25.49	66.00	25.72	65.80	25.83	65.50	25.94	65.10	26.16
	-9.8	-11	70.40	25.74	70.00	25.98	69.50	26.22	69.20	26.33	69.00	26.45	66.10	25.46
	-9.5	-10	72.10	25.97	71.60	26.21	71.10	26.45	70.90	26.57	70.70	26.69	66.10	24.89
	-8.5	-9.1	73.80	26.20	73.30	26.45	72.80	26.69	72.50	26.80	70.90	26.21	66.10	24.35
	-7	-7.6	76.70	26.58	76.10	26.83	75.60	27.07	73.20	26.16	70.90	25.26	66.10	23.48
	-5	-5.6	80.60	27.10	80.00	27.35	75.60	25.75	73.20	24.89	70.90	24.04	66.10	22.35
	-3	-3.7	84.50	27.61	80.30	26.19	75.60	24.54	73.20	23.72	70.90	22.91	66.10	21.32
	0	-0.7	85.00	25.80	80.30	24.26	75.60	22.75	73.20	22.00	70.90	21.26	66.10	19.79
	3	2.2	85.00	23.95	80.30	22.54	75.60	21.15	73.20	20.47	70.90	19.78	66.10	18.43
	5	4.1	85.00	22.83	80.30	21.50	75.60	20.18	73.20	19.53	70.90	18.88	66.10	17.60
	7	6	85.00	21.73	80.30	20.46	75.60	19.21	73.20	18.59	70.90	17.98	66.10	16.77
	9	7.9	85.00	20.64	80.30	19.45	75.60	18.27	73.20	17.69	70.90	17.11	66.10	15.96
	11	9.8	85.00	19.60	80.30	18.48	75.60	17.37	73.20	16.82	70.90	16.27	66.10	15.19
	13	11.8	85.00	18.55	80.30	17.49	75.60	16.45	73.20	15.93	70.90	15.42	66.10	14.41
	15	13.7	85.00	17.59	80.30	16.59	75.60	15.61	73.20	15.13	70.90	14.65	66.10	13.69

9. ARUM240LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	41.20	21.46	40.90	21.63	40.60	21.80	40.50	21.88	40.30	21.96	40.10	22.13
	-24.8	-25	47.90	22.66	47.60	22.85	47.20	23.04	47.10	23.13	46.90	23.22	46.60	23.40
	-21.8	-22	52.10	23.37	51.70	23.57	51.40	23.76	51.20	23.86	51.00	23.95	50.70	24.14
	-19.8	-20	55.00	23.85	54.60	24.05	54.20	24.25	54.00	24.35	53.90	24.45	53.50	24.64
	-18.8	-19	56.50	24.09	56.10	24.30	55.70	24.50	55.50	24.60	55.30	24.70	54.90	24.90
	-16.7	-17	59.60	24.58	59.20	24.79	58.70	25.01	58.50	25.11	58.30	25.21	58.00	25.41
	-15	-15.9	61.40	24.87	61.00	25.09	60.60	25.30	60.40	25.41	60.20	25.51	59.50	25.59
	-13.7	-15	63.20	25.15	62.80	25.37	62.40	25.59	62.20	25.70	62.00	25.81	59.50	24.89
	-11.8	-13	66.20	25.61	65.80	25.83	65.30	26.06	65.10	26.17	63.80	25.69	59.50	23.88
	-9.8	-11	69.70	26.13	69.20	26.36	68.00	26.24	65.90	25.36	63.80	24.50	59.50	22.79
	-9.5	-10	71.30	26.37	70.80	26.61	68.00	25.65	65.90	24.80	63.80	23.95	59.50	22.29
	-8.5	-9.1	72.90	26.61	72.30	26.77	68.00	25.09	65.90	24.26	63.80	23.44	59.50	21.81
	-7	-7.6	75.70	27.02	72.30	25.80	68.00	24.19	65.90	23.39	63.80	22.60	59.50	21.03
	-5	-5.6	76.50	26.10	72.30	24.55	68.00	23.02	65.90	22.27	63.80	21.52	59.50	20.04
	-3	-3.7	76.50	24.87	72.30	23.40	68.00	21.95	65.90	21.24	63.80	20.53	59.50	19.12
	0	-0.7	76.50	23.05	72.30	21.70	68.00	20.37	65.90	19.72	63.80	19.07	59.50	17.78
	3	2.2	76.50	21.43	72.30	20.19	68.00	18.97	65.90	18.37	63.80	17.77	59.50	16.58
	5	4.1	76.50	20.44	72.30	19.27	68.00	18.11	65.90	17.54	63.80	16.97	59.50	15.84
	7	6	76.50	19.46	72.30	18.35	68.00	17.25	65.90	16.71	63.80	16.17	59.50	15.10
	9	7.9	76.50	18.51	72.30	17.46	68.00	16.42	65.90	15.91	63.80	15.40	59.50	14.39
	11	9.8	76.50	17.59	72.30	16.60	68.00	15.62	65.90	15.14	63.80	14.66	59.50	13.70
	13	11.8	76.50	16.66	72.30	15.73	68.00	14.81	65.90	14.36	63.80	13.90	59.50	13.01
	15	13.7	76.50	15.81	72.30	14.94	68.00	14.07	65.90	13.64	63.80	13.22	59.50	12.38
80	-30	-30.2	40.90	21.65	40.60	21.81	40.30	21.98	40.20	22.06	40.00	22.14	39.80	22.30
	-24.8	-25	47.50	22.91	47.10	23.09	46.80	23.27	46.60	23.36	46.50	23.45	46.20	23.63
	-21.8	-22	51.50	23.66	51.20	23.85	50.80	24.04	50.70	24.13	50.50	24.22	50.20	24.40
	-19.8	-20	54.40	24.16	54.00	24.36	53.70	24.56	53.50	24.65	53.30	24.75	52.90	24.92
	-18.8	-19	55.90	24.42	55.50	24.62	55.10	24.82	54.90	24.91	54.70	25.01	52.90	24.35
	-16.7	-17	58.90	24.94	58.50	25.15	58.10	25.35	57.90	25.45	56.70	24.98	52.90	23.25
	-15	-15.9	60.70	25.25	60.30	25.46	59.80	25.66	58.60	25.16	56.70	24.31	52.90	22.61
	-13.7	-15	62.50	25.55	62.00	25.77	60.50	25.32	58.60	24.47	56.70	23.63	52.90	21.98
	-11.8	-13	65.30	26.04	64.30	25.90	60.50	24.29	58.60	23.48	56.70	22.67	52.90	21.09
	-9.8	-11	68.00	26.24	64.30	24.69	60.50	23.17	58.60	22.41	56.70	21.66	52.90	20.18
	-9.5	-10	68.00	25.65	64.30	24.14	60.50	22.65	58.60	21.92	56.70	21.19	52.90	19.74
	-8.5	-9.1	68.00	25.09	64.30	23.62	60.50	22.17	58.60	21.45	56.70	20.73	52.90	19.32
	-7	-7.6	68.00	24.19	64.30	22.77	60.50	21.38	58.60	20.69	56.70	20.00	52.90	18.65
	-5	-5.6	68.00	23.02	64.30	21.69	60.50	20.37	58.60	19.71	56.70	19.06	52.90	17.78
	-3	-3.7	68.00	21.95	64.30	20.69	60.50	19.43	58.60	18.82	56.70	18.20	52.90	16.98
	0	-0.7	68.00	20.37	64.30	19.21	60.50	18.06	58.60	17.49	56.70	16.93	52.90	15.81
	3	2.2	68.00	18.97	64.30	17.90	60.50	16.84	58.60	16.32	56.70	15.79	52.90	14.76
	5	4.1	68.00	18.11	64.30	17.09	60.50	16.09	58.60	15.59	56.70	15.09	52.90	14.11
	7	6	68.00	17.25	64.30	16.29	60.50	15.33	58.60	14.86	56.70	14.39	52.90	13.46
	9	7.9	68.00	16.42	64.30	15.51	60.50	14.61	58.60	14.16	56.70	13.72	52.90	12.84
	11	9.8	68.00	15.62	64.30	14.76	60.50	13.91	58.60	13.49	56.70	13.07	52.90	12.24
	13	11.8	68.00	14.81	64.30	14.01	60.50	13.21	58.60	12.81	56.70	12.42	52.90	11.64
	15	13.7	68.00	14.07	64.30	13.31	60.50	12.56	58.60	12.19	56.70	11.82	52.90	11.08
70	-30	-30.2	40.50	21.89	40.20	22.05	39.90	22.21	39.80	22.29	39.60	22.37	39.40	22.53

9. ARUM240LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	46.90	23.22	46.60	23.40	46.30	23.57	46.10	23.66	46.00	23.74	45.70	23.91
	-21.8	-22	50.90	24.01	50.50	24.20	50.20	24.38	50.00	24.47	49.60	24.40	46.30	22.72
	-19.8	-20	53.70	24.55	53.30	24.74	52.90	24.92	51.30	24.11	49.60	23.31	46.30	21.71
	-18.8	-19	55.10	24.83	54.70	25.02	52.90	24.35	51.30	23.56	49.60	22.78	46.30	21.22
	-16.7	-17	58.00	25.39	56.20	24.76	52.90	23.25	51.30	22.50	49.60	21.75	46.30	20.27
	-15	-15.9	59.50	25.59	56.20	24.10	52.90	22.61	51.30	21.87	49.60	21.14	46.30	19.69
	-13.7	-15	59.50	24.89	56.20	23.43	52.90	21.98	51.30	21.26	49.60	20.55	46.30	19.14
	-11.8	-13	59.50	23.88	56.20	22.47	52.90	21.09	51.30	20.40	49.60	19.72	46.30	18.38
	-9.8	-11	59.50	22.79	56.20	21.47	52.90	20.18	51.30	19.54	49.60	18.89	46.30	17.60
	-9.5	-10	59.50	22.29	56.20	21.01	52.90	19.74	51.30	19.11	49.60	18.49	46.30	17.26
	-8.5	-9.1	59.50	21.81	56.20	20.56	52.90	19.32	51.30	18.71	49.60	18.10	46.30	16.90
	-7	-7.6	59.50	21.03	56.20	19.83	52.90	18.65	51.30	18.06	49.60	17.48	46.30	16.32
	-5	-5.6	59.50	20.04	56.20	18.90	52.90	17.78	51.30	17.22	49.60	16.67	46.30	15.57
	-3	-3.7	59.50	19.12	56.20	18.05	52.90	16.98	51.30	16.45	49.60	15.93	46.30	14.89
	0	-0.7	59.50	17.78	56.20	16.79	52.90	15.81	51.30	15.32	49.60	14.84	46.30	13.88
	3	2.2	59.50	16.58	56.20	15.67	52.90	14.76	51.30	14.31	49.60	13.87	46.30	12.98
	5	4.1	59.50	15.84	56.20	14.97	52.90	14.11	51.30	13.68	49.60	13.26	46.30	12.42
	7	6	59.50	15.10	56.20	14.28	52.90	13.46	51.30	13.06	49.60	12.66	46.30	11.86
	9	7.9	59.50	14.39	56.20	13.61	52.90	12.84	51.30	12.46	49.60	12.08	46.30	11.33
	11	9.8	59.50	13.70	56.20	12.97	52.90	12.24	51.30	11.88	49.60	11.52	46.30	10.81
	13	11.8	59.50	13.01	56.20	12.32	52.90	11.64	51.30	11.30	49.60	10.96	46.30	10.29
	15	13.7	59.50	12.38	56.20	11.73	52.90	11.08	51.30	10.76	49.60	10.45	46.30	9.81
60	-30	-30.2	39.90	22.20	39.70	22.36	39.40	22.52	39.30	22.59	39.10	22.67	38.90	22.82
	-24.8	-25	46.20	23.62	45.90	23.79	45.40	23.82	43.90	23.06	42.50	22.30	39.70	20.80
	-21.8	-22	50.00	24.47	48.20	23.68	45.40	22.25	43.90	21.54	42.50	20.84	39.70	19.44
	-19.8	-20	51.00	23.99	48.20	22.62	45.40	21.26	43.90	20.59	42.50	19.92	39.70	18.59
	-18.8	-19	51.00	23.45	48.20	22.11	45.40	20.79	43.90	20.13	42.50	19.47	39.70	18.18
	-16.7	-17	51.00	22.39	48.20	21.12	45.40	19.86	43.90	19.23	42.50	18.61	39.70	17.38
	-15	-15.9	51.00	21.77	48.20	20.52	45.40	19.28	43.90	18.67	42.50	18.06	39.70	16.85
	-13.7	-15	51.00	21.16	48.20	19.95	45.40	18.75	43.90	18.15	42.50	17.56	39.70	16.39
	-11.8	-13	51.00	20.31	48.20	19.14	45.40	17.99	43.90	17.42	42.50	16.86	39.70	15.74
	-9.8	-11	51.00	19.44	48.20	18.33	45.40	17.24	43.90	16.69	42.50	16.15	39.70	15.08
	-9.5	-10	51.00	19.02	48.20	17.96	45.40	16.91	43.90	16.38	42.50	15.87	39.70	14.83
	-8.5	-9.1	51.00	18.62	48.20	17.58	45.40	16.56	43.90	16.05	42.50	15.54	39.70	14.53
	-7	-7.6	51.00	17.98	48.20	16.98	45.40	15.99	43.90	15.50	42.50	15.01	39.70	14.04
	-5	-5.6	51.00	17.14	48.20	16.20	45.40	15.26	43.90	14.80	42.50	14.33	39.70	13.42
	-3	-3.7	51.00	16.38	48.20	15.48	45.40	14.59	43.90	14.15	42.50	13.71	39.70	12.84
	0	-0.7	51.00	15.25	48.20	14.43	45.40	13.61	43.90	13.20	42.50	12.80	39.70	11.99
	3	2.2	51.00	14.25	48.20	13.49	45.40	12.73	43.90	12.36	42.50	11.98	39.70	11.24
	5	4.1	51.00	13.62	48.20	12.90	45.40	12.18	43.90	11.82	42.50	11.46	39.70	10.76
	7	6	51.00	13.00	48.20	12.32	45.40	11.63	43.90	11.30	42.50	10.96	39.70	10.29
	9	7.9	51.00	12.41	48.20	11.76	45.40	11.11	43.90	10.79	42.50	10.47	39.70	9.84
	11	9.8	51.00	11.83	48.20	11.22	45.40	10.61	43.90	10.31	42.50	10.01	39.70	9.41
	13	11.8	51.00	11.25	48.20	10.67	45.40	10.10	43.90	9.82	42.50	9.53	39.70	8.97
	15	13.7	51.00	10.72	48.20	10.17	45.40	9.63	43.90	9.37	42.50	9.10	39.70	8.57
50	-30	-30.2	39.20	22.63	39.00	22.78	37.80	22.26	36.60	21.56	35.40	20.86	33.10	19.48
	-24.8	-25	42.50	22.30	40.20	21.05	37.80	19.81	36.60	19.19	35.40	18.58	33.10	17.36

9. ARUM240LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	42.50	20.84	40.20	19.68	37.80	18.52	36.60	17.95	35.40	17.38	33.10	16.25
	-19.8	-20	42.50	19.92	40.20	18.81	37.80	17.71	36.60	17.17	35.40	16.63	33.10	15.55
	-18.8	-19	42.50	19.48	40.20	18.39	37.80	17.32	36.60	16.79	35.40	16.26	33.10	15.21
	-16.7	-17	42.50	18.61	40.20	17.58	37.80	16.56	36.60	16.06	35.40	15.55	33.10	14.55
	-15	-15.9	42.50	18.06	40.20	17.05	37.80	16.06	36.60	15.56	35.40	15.07	33.10	14.10
	-13.7	-15	42.50	17.56	40.20	16.58	37.80	15.62	36.60	15.14	35.40	14.66	33.10	13.72
	-11.8	-13	42.50	16.86	40.20	15.92	37.80	15.00	36.60	14.54	35.40	14.08	33.10	13.18
	-9.8	-11	42.50	16.15	40.20	15.26	37.80	14.38	36.60	13.94	35.40	13.50	33.10	12.64
	-9.5	-10	42.50	15.87	40.20	15.01	37.80	14.15	36.60	13.73	35.40	13.31	33.10	12.47
	-8.5	-9.1	42.50	15.54	40.20	14.70	37.80	13.87	36.60	13.45	35.40	13.04	33.10	12.22
	-7	-7.6	42.50	15.01	40.20	14.20	37.80	13.40	36.60	13.01	35.40	12.61	33.10	11.83
	-5	-5.6	42.50	14.33	40.20	13.57	37.80	12.81	36.60	12.43	35.40	12.06	33.10	11.31
	-3	-3.7	42.50	13.71	40.20	12.99	37.80	12.27	36.60	11.91	35.40	11.55	33.10	10.84
	0	-0.7	42.50	12.80	40.20	12.13	37.80	11.46	36.60	11.13	35.40	10.80	33.10	10.15
	3	2.2	42.50	11.98	40.20	11.36	37.80	10.75	36.60	10.45	35.40	10.14	33.10	9.53
	5	4.1	42.50	11.46	40.20	10.88	37.80	10.29	36.60	10.00	35.40	9.71	33.10	9.14
	7	6	42.50	10.96	40.20	10.40	37.80	9.85	36.60	9.57	35.40	9.30	33.10	8.76
	9	7.9	42.50	10.47	40.20	9.95	37.80	9.42	36.60	9.16	35.40	8.90	33.10	8.39
	11	9.8	42.50	10.01	40.20	9.51	37.80	9.01	36.60	8.77	35.40	8.52	33.10	8.03
	13	11.8	42.50	9.53	40.20	9.06	37.80	8.60	36.60	8.36	35.40	8.13	33.10	7.67
	15	13.7	42.50	9.10	40.20	8.65	37.80	8.21	36.60	8.00	35.40	7.78	33.10	7.34

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

9.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	42.10	20.97	41.80	21.15	41.40	21.33	41.30	21.41	41.10	21.50	40.80	21.68
	-24.8	-25	49.10	22.02	48.70	22.22	48.30	22.42	48.20	22.52	48.00	22.62	47.60	22.81
	-21.8	-22	53.40	22.62	53.00	22.84	52.70	23.05	52.50	23.15	52.30	23.26	51.90	23.46
	-19.8	-20	56.50	23.03	56.10	23.25	55.70	23.47	55.50	23.58	55.30	23.69	54.90	23.90
	-18.8	-19	58.10	23.23	57.60	23.46	57.20	23.68	57.00	23.79	56.80	23.90	56.40	24.12
	-16.7	-17	61.30	23.64	60.90	23.87	60.50	24.11	60.20	24.22	60.00	24.33	59.60	24.56
	-15	-15.9	63.30	23.88	62.80	24.12	62.40	24.35	62.20	24.47	61.90	24.58	61.50	24.81
	-13.7	-15	65.10	24.09	64.70	24.34	64.20	24.58	64.00	24.70	63.80	24.82	63.40	25.05
	-11.8	-13	68.40	24.48	67.90	24.73	67.50	24.98	67.20	25.10	67.00	25.22	66.50	25.46
	-9.8	-11	72.10	24.90	71.60	25.16	71.10	25.41	70.90	25.54	70.60	25.66	70.10	25.90
	-9.5	-10	73.90	25.09	73.40	25.36	72.90	25.61	72.60	25.74	72.40	25.87	71.80	26.11
	-8.5	-9.1	75.70	25.29	75.10	25.55	74.60	25.81	74.30	25.94	74.10	26.07	73.60	26.32
	-7	-7.6	78.70	25.61	78.10	25.88	77.60	26.15	77.30	26.28	77.00	26.41	76.50	26.66
	-5	-5.6	82.90	26.04	82.30	26.32	81.70	26.60	81.40	26.73	81.10	26.87	80.50	27.13
	-3	-3.7	87.00	26.46	86.40	26.75	85.80	27.03	85.50	27.17	85.20	27.31	84.60	27.57
	0	-0.7	93.80	27.14	93.20	27.43	92.50	27.73	92.10	27.87	91.80	28.01	86.00	26.10
	3	2.2	100.7	27.79	99.90	28.10	98.30	28.02	95.20	27.06	92.10	26.11	86.00	24.24
	5	4.1	104.6	27.97	98.40	26.16	92.20	24.37	89.10	23.49	86.00	22.61	79.80	20.89
	7	6	98.60	24.33	92.30	22.65	86.00	21.01	82.90	20.20	79.70	19.39	73.40	17.80
	9	7.9	92.30	20.93	86.00	19.41	79.60	17.91	76.40	17.17	73.20	16.44	66.80	14.99
	11	9.8	85.80	17.83	79.40	16.46	73.00	15.10	69.80	14.44	66.50	13.77	60.00	12.45
	13	11.8	79.10	14.98	72.60	13.75	66.10	12.54	62.90	11.94	59.60	11.34	53.00	10.16
	15	13.7	72.10	12.45	65.60	11.36	59.00	10.28	55.70	9.74	52.40	9.21	45.70	8.15
120	-30	-30.2	41.90	21.06	41.60	21.24	41.30	21.41	41.10	21.50	41.00	21.59	40.70	21.76
	-24.8	-25	48.80	22.14	48.50	22.34	48.10	22.54	48.00	22.64	47.80	22.73	47.40	22.92
	-21.8	-22	53.20	22.77	52.80	22.98	52.40	23.19	52.20	23.29	52.00	23.39	51.70	23.59
	-19.8	-20	56.20	23.19	55.80	23.41	55.40	23.62	55.20	23.73	55.00	23.83	54.60	24.04
	-18.8	-19	57.80	23.40	57.30	23.62	56.90	23.84	56.70	23.95	56.50	24.06	56.10	24.27
	-16.7	-17	61.00	23.82	60.60	24.05	60.10	24.28	59.90	24.39	59.70	24.50	59.30	24.72
	-15	-15.9	62.90	24.07	62.50	24.30	62.00	24.54	61.80	24.65	61.60	24.76	61.20	24.99
	-13.7	-15	64.70	24.30	64.30	24.54	63.90	24.78	63.70	24.90	63.40	25.01	63.00	25.24
	-11.8	-13	68.00	24.70	67.50	24.95	67.00	25.19	66.80	25.31	66.60	25.43	66.10	25.66
	-9.8	-11	71.70	25.14	71.10	25.39	70.60	25.64	70.40	25.76	70.10	25.88	69.70	26.12
	-9.5	-10	73.40	25.34	72.90	25.60	72.40	25.85	72.10	25.98	71.90	26.10	71.40	26.34
	-8.5	-9.1	75.20	25.55	74.60	25.81	74.10	26.06	73.80	26.19	73.60	26.31	73.10	26.56
	-7	-7.6	78.10	25.88	77.60	26.15	77.00	26.41	76.70	26.54	76.50	26.67	75.90	26.91
	-5	-5.6	82.20	26.34	81.60	26.62	81.10	26.89	80.80	27.02	80.50	27.15	79.40	27.14
	-3	-3.7	86.30	26.79	85.70	27.07	85.10	27.35	84.80	27.48	84.50	27.61	79.40	25.86
	0	-0.7	93.00	27.51	92.30	27.80	90.70	27.67	87.90	26.73	85.00	25.80	79.40	23.95
	3	2.2	99.70	28.20	96.40	27.43	90.70	25.68	87.90	24.81	85.00	23.95	79.40	22.26
	5	4.1	96.60	25.62	90.90	23.98	85.10	22.37	82.30	21.57	79.40	20.78	73.70	19.22
	7	6	91.00	22.30	85.20	20.79	79.40	19.31	76.50	18.57	73.60	17.85	67.80	16.40
	9	7.9	85.20	19.22	79.30	17.85	73.50	16.50	70.60	15.83	67.60	15.16	61.70	13.84
	11	9.8	79.20	16.41	73.30	15.17	67.40	13.94	64.40	13.34	61.40	12.73	55.40	11.53
	13	11.8	73.00	13.82	67.00	12.70	61.00	11.60	58.00	11.06	55.00	10.52	48.90	9.44

9. ARUM240LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	66.60	11.52	60.50	10.53	54.50	9.54	51.40	9.06	48.40	8.57	42.20	7.61
110	-30	-30.2	41.70	21.17	41.40	21.35	41.10	21.52	41.00	21.61	40.80	21.69	40.50	21.86
	-24.8	-25	48.60	22.29	48.20	22.48	47.90	22.68	47.70	22.77	47.50	22.87	47.20	23.05
	-21.8	-22	52.90	22.93	52.50	23.14	52.10	23.35	51.90	23.45	51.70	23.55	51.40	23.75
	-19.8	-20	55.90	23.37	55.50	23.59	55.10	23.80	54.90	23.90	54.70	24.01	54.30	24.21
	-18.8	-19	57.40	23.59	57.00	23.81	56.60	24.02	56.40	24.13	56.20	24.24	55.80	24.44
	-16.7	-17	60.60	24.03	60.20	24.26	59.70	24.48	59.50	24.59	59.30	24.70	58.90	24.91
	-15	-15.9	62.50	24.29	62.10	24.52	61.60	24.75	61.40	24.86	61.20	24.97	60.80	25.19
	-13.7	-15	64.30	24.54	63.90	24.77	63.50	25.01	63.20	25.12	63.00	25.23	62.60	25.46
	-11.8	-13	67.50	24.95	67.00	25.20	66.60	25.43	66.30	25.55	66.10	25.66	65.60	25.89
	-9.8	-11	71.10	25.41	70.60	25.66	70.10	25.91	69.90	26.02	69.60	26.14	69.10	26.37
	-9.5	-10	72.80	25.63	72.30	25.88	71.80	26.13	71.60	26.25	71.30	26.37	70.80	26.60
	-8.5	-9.1	74.50	25.85	74.00	26.10	73.50	26.35	73.20	26.47	73.00	26.59	72.50	26.83
	-7	-7.6	77.50	26.21	76.90	26.46	76.40	26.72	76.10	26.84	75.80	26.97	72.80	25.98
	-5	-5.6	81.50	26.69	80.90	26.96	80.30	27.22	80.00	27.35	78.00	26.62	72.80	24.72
	-3	-3.7	85.50	27.17	84.90	27.44	83.10	27.19	80.60	26.27	78.00	25.36	72.80	23.56
	0	-0.7	92.00	27.93	88.30	26.89	83.10	25.18	80.60	24.34	78.00	23.50	72.80	21.85
	3	2.2	93.50	26.55	88.30	24.95	83.10	23.39	80.60	22.61	78.00	21.84	72.80	20.33
	5	4.1	88.50	23.32	83.30	21.86	78.10	20.41	75.40	19.70	72.80	18.99	67.50	17.58
	7	6	83.40	20.33	78.10	18.98	72.80	17.65	70.10	16.99	67.50	16.33	62.10	15.04
	9	7.9	78.10	17.55	72.70	16.32	67.40	15.11	64.70	14.51	62.00	13.91	56.50	12.72
	11	9.8	72.60	15.02	67.20	13.90	61.80	12.80	59.00	12.25	56.30	11.71	50.80	10.63
	13	11.8	66.90	12.68	61.40	11.68	56.00	10.69	53.20	10.19	50.40	9.71	44.80	8.73
	15	13.7	61.00	10.60	55.50	9.71	49.90	8.82	47.10	8.38	44.30	7.94	38.60	7.07
100	-30	-30.2	41.50	21.30	41.20	21.47	40.90	21.65	40.70	21.73	40.60	21.81	40.30	21.98
	-24.8	-25	48.30	22.46	47.90	22.65	47.60	22.84	47.40	22.93	47.30	23.03	46.90	23.21
	-21.8	-22	52.50	23.13	52.10	23.34	51.80	23.54	51.60	23.63	51.40	23.73	51.10	23.93
	-19.8	-20	55.50	23.59	55.10	23.80	54.70	24.00	54.50	24.11	54.30	24.21	53.90	24.41
	-18.8	-19	57.00	23.82	56.60	24.03	56.20	24.24	56.00	24.35	55.80	24.45	55.40	24.65
	-16.7	-17	60.10	24.28	59.70	24.50	59.30	24.72	59.10	24.83	58.90	24.93	58.50	25.14
	-15	-15.9	62.00	24.56	61.60	24.78	61.10	25.00	60.90	25.11	60.70	25.22	60.30	25.43
	-13.7	-15	63.80	24.81	63.40	25.05	63.00	25.27	62.80	25.38	62.60	25.50	62.20	25.71
	-11.8	-13	66.90	25.25	66.50	25.49	66.00	25.72	65.80	25.83	65.50	25.94	65.10	26.16
	-9.8	-11	70.40	25.74	70.00	25.98	69.50	26.22	69.20	26.33	69.00	26.45	66.10	25.46
	-9.5	-10	72.10	25.97	71.60	26.21	71.10	26.45	70.90	26.57	70.70	26.69	66.10	24.89
	-8.5	-9.1	73.80	26.20	73.30	26.45	72.80	26.69	72.50	26.80	70.90	26.21	66.10	24.35
	-7	-7.6	76.70	26.58	76.10	26.83	75.60	27.07	73.20	26.16	70.90	25.26	66.10	23.48
	-5	-5.6	80.60	27.10	80.00	27.35	75.60	25.75	73.20	24.89	70.90	24.04	66.10	22.35
	-3	-3.7	84.50	27.61	80.30	26.19	75.60	24.54	73.20	23.72	70.90	22.91	66.10	21.32
	0	-0.7	85.00	25.80	80.30	24.26	75.60	22.75	73.20	22.00	70.90	21.26	66.10	19.79
	3	2.2	85.00	23.95	80.30	22.54	75.60	21.15	73.20	20.47	70.90	19.78	66.10	18.43
	5	4.1	80.50	21.08	75.70	19.78	71.00	18.50	68.60	17.86	66.20	17.23	61.40	15.97
	7	6	75.80	18.40	71.00	17.20	66.20	16.02	63.80	15.43	61.30	14.85	56.50	13.69
	9	7.9	71.00	15.92	66.10	14.83	61.20	13.75	58.80	13.21	56.30	12.68	51.40	11.62
	11	9.8	66.00	13.66	61.10	12.67	56.10	11.68	53.70	11.19	51.20	10.71	46.20	9.74
	13	11.8	60.80	11.56	55.90	10.67	50.90	9.78	48.40	9.34	45.80	8.91	40.70	8.03
	15	13.7	55.50	9.70	50.50	8.90	45.40	8.11	42.90	7.71	40.30	7.32	35.10	6.54

9. ARUM240LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	41.20	21.46	40.90	21.63	40.60	21.80	40.50	21.88	40.30	21.96	40.10	22.13
	-24.8	-25	47.90	22.66	47.60	22.85	47.20	23.04	47.10	23.13	46.90	23.22	46.60	23.40
	-21.8	-22	52.10	23.37	51.70	23.57	51.40	23.76	51.20	23.86	51.00	23.95	50.70	24.14
	-19.8	-20	55.00	23.85	54.60	24.05	54.20	24.25	54.00	24.35	53.90	24.45	53.50	24.64
	-18.8	-19	56.50	24.09	56.10	24.30	55.70	24.50	55.50	24.60	55.30	24.70	54.90	24.90
	-16.7	-17	59.60	24.58	59.20	24.79	58.70	25.01	58.50	25.11	58.30	25.21	58.00	25.41
	-15	-15.9	61.40	24.87	61.00	25.09	60.60	25.30	60.40	25.41	60.20	25.51	59.50	25.59
	-13.7	-15	63.20	25.15	62.80	25.37	62.40	25.59	62.20	25.70	62.00	25.81	59.50	24.89
	-11.8	-13	66.20	25.61	65.80	25.83	65.30	26.06	65.10	26.17	63.80	25.69	59.50	23.88
	-9.8	-11	69.70	26.13	69.20	26.36	68.00	26.24	65.90	25.36	63.80	24.50	59.50	22.79
	-9.5	-10	71.30	26.37	70.80	26.61	68.00	25.65	65.90	24.80	63.80	23.95	59.50	22.29
	-8.5	-9.1	72.90	26.61	72.30	26.77	68.00	25.09	65.90	24.26	63.80	23.44	59.50	21.81
	-7	-7.6	75.70	27.02	72.30	25.80	68.00	24.19	65.90	23.39	63.80	22.60	59.50	21.03
	-5	-5.6	76.50	26.10	72.30	24.55	68.00	23.02	65.90	22.27	63.80	21.52	59.50	20.04
	-3	-3.7	76.50	24.87	72.30	23.40	68.00	21.95	65.90	21.24	63.80	20.53	59.50	19.12
	0	-0.7	76.50	23.05	72.30	21.70	68.00	20.37	65.90	19.72	63.80	19.07	59.50	17.78
	3	2.2	76.50	21.43	72.30	20.19	68.00	18.97	65.90	18.37	63.80	17.77	59.50	16.58
	5	4.1	72.40	18.90	68.20	17.75	63.90	16.62	61.70	16.06	59.60	15.50	55.20	14.39
	7	6	68.20	16.52	63.90	15.47	59.60	14.42	57.40	13.91	55.20	13.39	50.80	12.37
	9	7.9	63.90	14.33	59.50	13.37	55.10	12.41	52.90	11.94	50.70	11.47	46.30	10.53
	11	9.8	59.40	12.33	55.00	11.45	50.50	10.58	48.30	10.15	46.10	9.72	41.60	8.86
	13	11.8	54.70	10.47	50.30	9.68	45.80	8.90	43.50	8.51	41.30	8.12	36.70	7.34
	15	13.7	49.90	8.82	45.40	8.11	40.90	7.41	38.60	7.06	36.30	6.71	31.60	6.01
80	-30	-30.2	40.90	21.65	40.60	21.81	40.30	21.98	40.20	22.06	40.00	22.14	39.80	22.30
	-24.8	-25	47.50	22.91	47.10	23.09	46.80	23.27	46.60	23.36	46.50	23.45	46.20	23.63
	-21.8	-22	51.50	23.66	51.20	23.85	50.80	24.04	50.70	24.13	50.50	24.22	50.20	24.40
	-19.8	-20	54.40	24.16	54.00	24.36	53.70	24.56	53.50	24.65	53.30	24.75	52.90	24.92
	-18.8	-19	55.90	24.42	55.50	24.62	55.10	24.82	54.90	24.91	54.70	25.01	52.90	24.35
	-16.7	-17	58.90	24.94	58.50	25.15	58.10	25.35	57.90	25.45	56.70	24.98	52.90	23.25
	-15	-15.9	60.70	25.25	60.30	25.46	59.80	25.66	58.60	25.16	56.70	24.31	52.90	22.61
	-13.7	-15	62.50	25.55	62.00	25.77	60.50	25.32	58.60	24.47	56.70	23.63	52.90	21.98
	-11.8	-13	65.30	26.04	64.30	25.90	60.50	24.29	58.60	23.48	56.70	22.67	52.90	21.09
	-9.8	-11	68.00	26.24	64.30	24.69	60.50	23.17	58.60	22.41	56.70	21.66	52.90	20.18
	-9.5	-10	68.00	25.65	64.30	24.14	60.50	22.65	58.60	21.92	56.70	21.19	52.90	19.74
	-8.5	-9.1	68.00	25.09	64.30	23.62	60.50	22.17	58.60	21.45	56.70	20.73	52.90	19.32
	-7	-7.6	68.00	24.19	64.30	22.77	60.50	21.38	58.60	20.69	56.70	20.00	52.90	18.65
	-5	-5.6	68.00	23.02	64.30	21.69	60.50	20.37	58.60	19.71	56.70	19.06	52.90	17.78
	-3	-3.7	68.00	21.95	64.30	20.69	60.50	19.43	58.60	18.82	56.70	18.20	52.90	16.98
	0	-0.7	68.00	20.37	64.30	19.21	60.50	18.06	58.60	17.49	56.70	16.93	52.90	15.81
	3	2.2	68.00	18.97	64.30	17.90	60.50	16.84	58.60	16.32	56.70	15.79	52.90	14.76
	5	4.1	64.40	16.76	60.60	15.77	56.80	14.78	54.90	14.29	52.90	13.81	49.10	12.85
	7	6	60.70	14.68	56.80	13.77	52.90	12.86	51.00	12.41	49.10	11.97	45.20	11.08
	9	7.9	56.80	12.77	52.90	11.94	49.00	11.10	47.00	10.69	45.10	10.28	41.10	9.46
	11	9.8	52.80	11.02	48.90	10.26	44.90	9.50	42.90	9.12	40.90	8.75	36.90	8.00
	13	11.8	48.70	9.40	44.70	8.71	40.70	8.02	38.70	7.68	36.70	7.34	32.60	6.67
	15	13.7	44.40	7.95	40.40	7.33	36.30	6.72	34.30	6.41	32.20	6.10	28.10	5.49
70	-30	-30.2	40.50	21.89	40.20	22.05	39.90	22.21	39.80	22.29	39.60	22.37	39.40	22.53

9. ARUM240LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	46.90	23.22	46.60	23.40	46.30	23.57	46.10	23.66	46.00	23.74	45.70	23.91
	-21.8	-22	50.90	24.01	50.50	24.20	50.20	24.38	50.00	24.47	49.60	24.40	46.30	22.72
	-19.8	-20	53.70	24.55	53.30	24.74	52.90	24.92	51.30	24.11	49.60	23.31	46.30	21.71
	-18.8	-19	55.10	24.83	54.70	25.02	52.90	24.35	51.30	23.56	49.60	22.78	46.30	21.22
	-16.7	-17	58.00	25.39	56.20	24.76	52.90	23.25	51.30	22.50	49.60	21.75	46.30	20.27
	-15	-15.9	59.50	25.59	56.20	24.10	52.90	22.61	51.30	21.87	49.60	21.14	46.30	19.69
	-13.7	-15	59.50	24.89	56.20	23.43	52.90	21.98	51.30	21.26	49.60	20.55	46.30	19.14
	-11.8	-13	59.50	23.88	56.20	22.47	52.90	21.09	51.30	20.40	49.60	19.72	46.30	18.38
	-9.8	-11	59.50	22.79	56.20	21.47	52.90	20.18	51.30	19.54	49.60	18.89	46.30	17.60
	-9.5	-10	59.50	22.29	56.20	21.01	52.90	19.74	51.30	19.11	49.60	18.49	46.30	17.26
	-8.5	-9.1	59.50	21.81	56.20	20.56	52.90	19.32	51.30	18.71	49.60	18.10	46.30	16.90
	-7	-7.6	59.50	21.03	56.20	19.83	52.90	18.65	51.30	18.06	49.60	17.48	46.30	16.32
	-5	-5.6	59.50	20.04	56.20	18.90	52.90	17.78	51.30	17.22	49.60	16.67	46.30	15.57
	-3	-3.7	59.50	19.12	56.20	18.05	52.90	16.98	51.30	16.45	49.60	15.93	46.30	14.89
	0	-0.7	59.50	17.78	56.20	16.79	52.90	15.81	51.30	15.32	49.60	14.84	46.30	13.88
	3	2.2	59.50	16.58	56.20	15.67	52.90	14.76	51.30	14.31	49.60	13.87	46.30	12.98
	5	4.1	56.30	14.68	53.00	13.83	49.70	12.99	48.00	12.57	46.30	12.15	43.00	11.33
	7	6	53.10	12.89	49.70	12.11	46.30	11.34	44.60	10.95	42.90	10.57	39.50	9.80
	9	7.9	49.70	11.25	46.30	10.53	42.90	9.82	41.20	9.47	39.40	9.12	36.00	8.41
	11	9.8	46.20	9.74	42.80	9.09	39.30	8.44	37.60	8.12	35.80	7.79	32.30	7.15
	13	11.8	42.60	8.34	39.10	7.75	35.60	7.17	33.90	6.87	32.10	6.58	28.50	5.99
	15	13.7	38.80	7.10	35.30	6.56	31.80	6.04	30.00	5.77	28.20	5.51	24.60	4.98
60	-30	-30.2	39.90	22.20	39.70	22.36	39.40	22.52	39.30	22.59	39.10	22.67	38.90	22.82
	-24.8	-25	46.20	23.62	45.90	23.79	45.40	23.82	43.90	23.06	42.50	22.30	39.70	20.80
	-21.8	-22	50.00	24.47	48.20	23.68	45.40	22.25	43.90	21.54	42.50	20.84	39.70	19.44
	-19.8	-20	51.00	23.99	48.20	22.62	45.40	21.26	43.90	20.59	42.50	19.92	39.70	18.59
	-18.8	-19	51.00	23.45	48.20	22.11	45.40	20.79	43.90	20.13	42.50	19.47	39.70	18.18
	-16.7	-17	51.00	22.39	48.20	21.12	45.40	19.86	43.90	19.23	42.50	18.61	39.70	17.38
	-15	-15.9	51.00	21.77	48.20	20.52	45.40	19.28	43.90	18.67	42.50	18.06	39.70	16.85
	-13.7	-15	51.00	21.16	48.20	19.95	45.40	18.75	43.90	18.15	42.50	17.56	39.70	16.39
	-11.8	-13	51.00	20.31	48.20	19.14	45.40	17.99	43.90	17.42	42.50	16.86	39.70	15.74
	-9.8	-11	51.00	19.44	48.20	18.33	45.40	17.24	43.90	16.69	42.50	16.15	39.70	15.08
	-9.5	-10	51.00	19.02	48.20	17.96	45.40	16.91	43.90	16.38	42.50	15.87	39.70	14.83
	-8.5	-9.1	51.00	18.62	48.20	17.58	45.40	16.56	43.90	16.05	42.50	15.54	39.70	14.53
	-7	-7.6	51.00	17.98	48.20	16.98	45.40	15.99	43.90	15.50	42.50	15.01	39.70	14.04
	-5	-5.6	51.00	17.14	48.20	16.20	45.40	15.26	43.90	14.80	42.50	14.33	39.70	13.42
	-3	-3.7	51.00	16.38	48.20	15.48	45.40	14.59	43.90	14.15	42.50	13.71	39.70	12.84
	0	-0.7	51.00	15.25	48.20	14.43	45.40	13.61	43.90	13.20	42.50	12.80	39.70	11.99
	3	2.2	51.00	14.25	48.20	13.49	45.40	12.73	43.90	12.36	42.50	11.98	39.70	11.24
	5	4.1	48.30	12.64	45.40	11.94	42.60	11.23	41.10	10.88	39.70	10.53	36.80	9.84
	7	6	45.50	11.15	42.60	10.49	39.70	9.84	38.30	9.52	36.80	9.20	33.90	8.56
	9	7.9	42.60	9.76	39.70	9.16	36.70	8.57	35.30	8.27	33.80	7.97	30.80	7.38
	11	9.8	39.60	8.49	36.60	7.95	33.70	7.40	32.20	7.13	30.70	6.86	27.70	6.31
	13	11.8	36.50	7.31	33.50	6.82	30.50	6.32	29.00	6.08	27.50	5.83	24.40	5.33
	15	13.7	33.30	6.26	30.30	5.81	27.20	5.37	25.70	5.14	24.20	4.92	21.10	4.47
50	-30	-30.2	39.20	22.63	39.00	22.78	37.80	22.26	36.60	21.56	35.40	20.86	33.10	19.48
	-24.8	-25	42.50	22.30	40.20	21.05	37.80	19.81	36.60	19.19	35.40	18.58	33.10	17.36

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	42.50	20.84	40.20	19.68	37.80	18.52	36.60	17.95	35.40	17.38	33.10	16.25
	-19.8	-20	42.50	19.92	40.20	18.81	37.80	17.71	36.60	17.17	35.40	16.63	33.10	15.55
	-18.8	-19	42.50	19.48	40.20	18.39	37.80	17.32	36.60	16.79	35.40	16.26	33.10	15.21
	-16.7	-17	42.50	18.61	40.20	17.58	37.80	16.56	36.60	16.06	35.40	15.55	33.10	14.55
	-15	-15.9	42.50	18.06	40.20	17.05	37.80	16.06	36.60	15.56	35.40	15.07	33.10	14.10
	-13.7	-15	42.50	17.56	40.20	16.58	37.80	15.62	36.60	15.14	35.40	14.66	33.10	13.72
	-11.8	-13	42.50	16.86	40.20	15.92	37.80	15.00	36.60	14.54	35.40	14.08	33.10	13.18
	-9.8	-11	42.50	16.15	40.20	15.26	37.80	14.38	36.60	13.94	35.40	13.50	33.10	12.64
	-9.5	-10	42.50	15.87	40.20	15.01	37.80	14.15	36.60	13.73	35.40	13.31	33.10	12.47
	-8.5	-9.1	42.50	15.54	40.20	14.70	37.80	13.87	36.60	13.45	35.40	13.04	33.10	12.22
	-7	-7.6	42.50	15.01	40.20	14.20	37.80	13.40	36.60	13.01	35.40	12.61	33.10	11.83
	-5	-5.6	42.50	14.33	40.20	13.57	37.80	12.81	36.60	12.43	35.40	12.06	33.10	11.31
	-3	-3.7	42.50	13.71	40.20	12.99	37.80	12.27	36.60	11.91	35.40	11.55	33.10	10.84
	0	-0.7	42.50	12.80	40.20	12.13	37.80	11.46	36.60	11.13	35.40	10.80	33.10	10.15
	3	2.2	42.50	11.98	40.20	11.36	37.80	10.75	36.60	10.45	35.40	10.14	33.10	9.53
	5	4.1	40.20	10.67	37.90	10.09	35.50	9.52	34.30	9.23	33.10	8.95	30.70	8.39
	7	6	37.90	9.44	35.50	8.91	33.10	8.38	31.90	8.12	30.70	7.86	28.20	7.33
	9	7.9	35.50	8.31	33.10	7.82	30.60	7.34	29.40	7.09	28.20	6.85	25.70	6.37
	11	9.8	33.00	7.27	30.50	6.82	28.10	6.38	26.80	6.16	25.60	5.93	23.10	5.49
	13	11.8	30.40	6.30	27.90	5.90	25.40	5.49	24.20	5.29	22.90	5.09	20.40	4.68
	15	13.7	27.70	5.44	25.20	5.07	22.70	4.71	21.40	4.52	20.10	4.34	17.60	3.97

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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9.8 Capacity Correction Factor

9.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

9.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

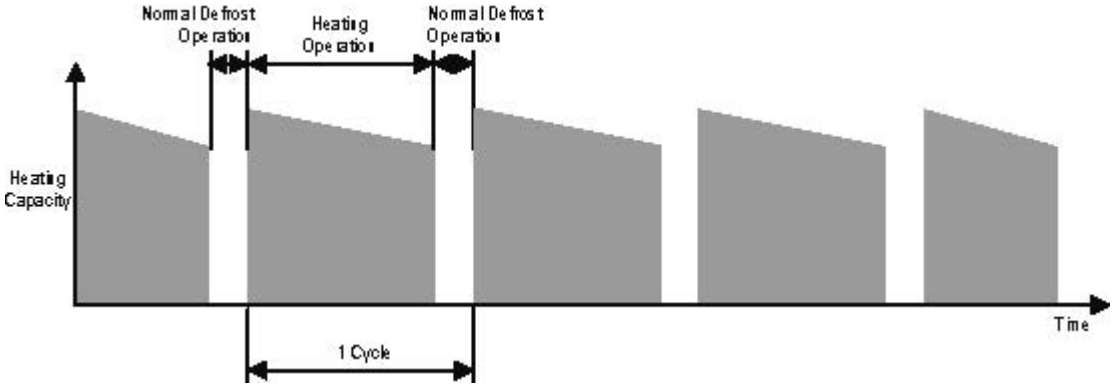
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

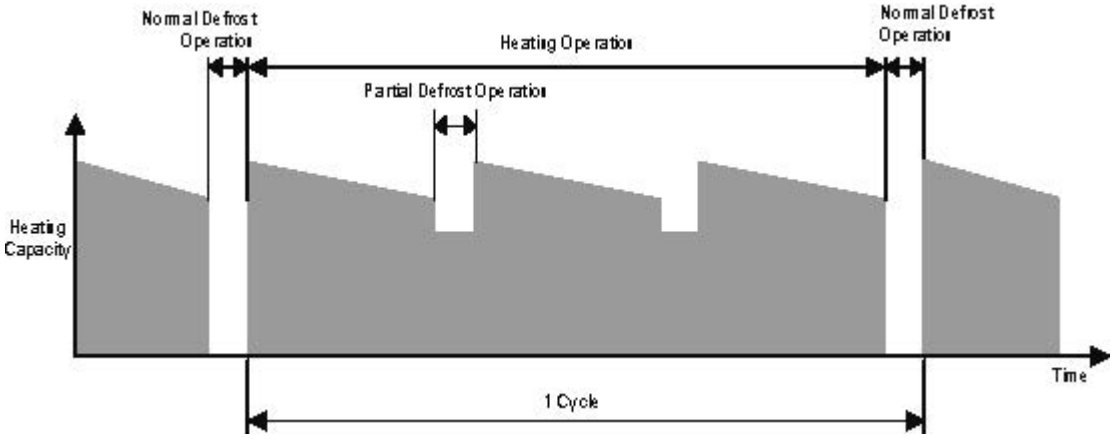
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

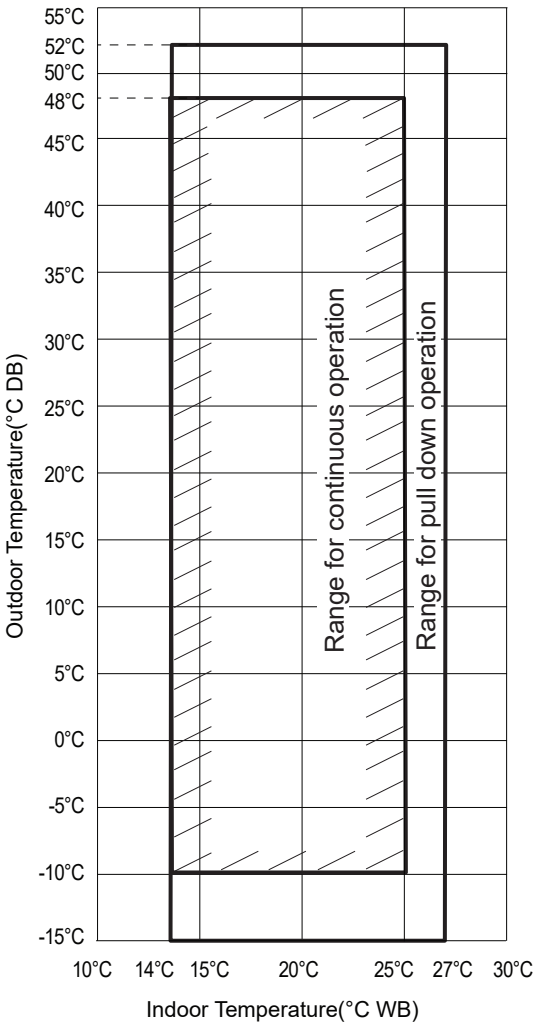


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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9.9 Operation Limits

9.9.1 Cooling

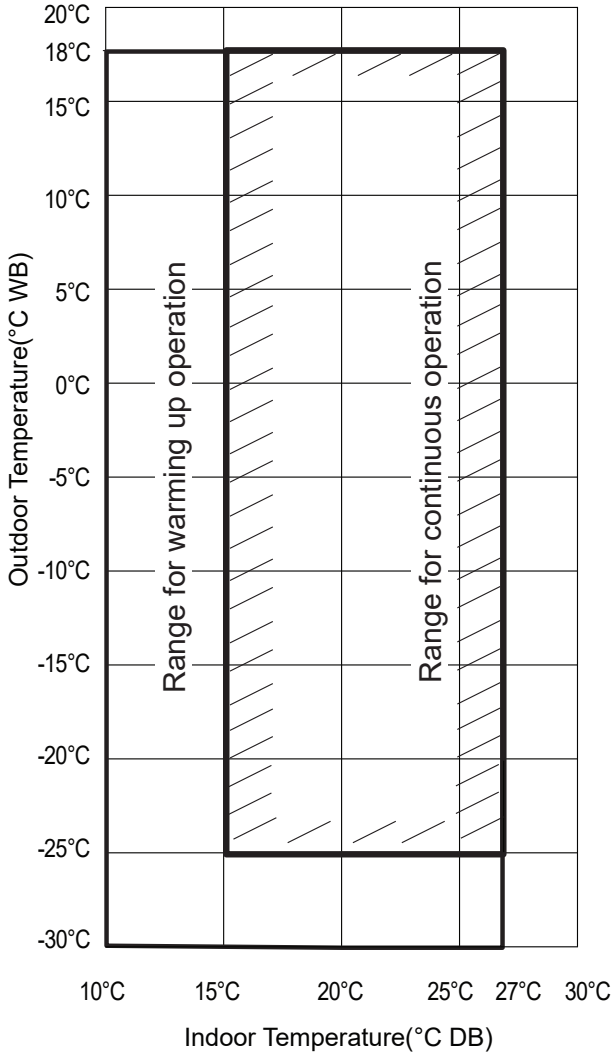


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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9.9.2 Heating

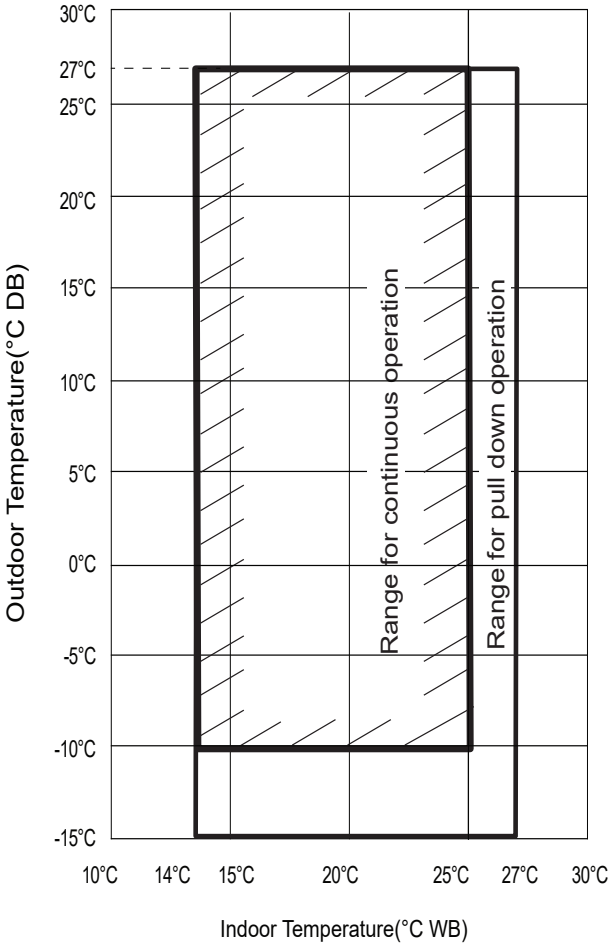


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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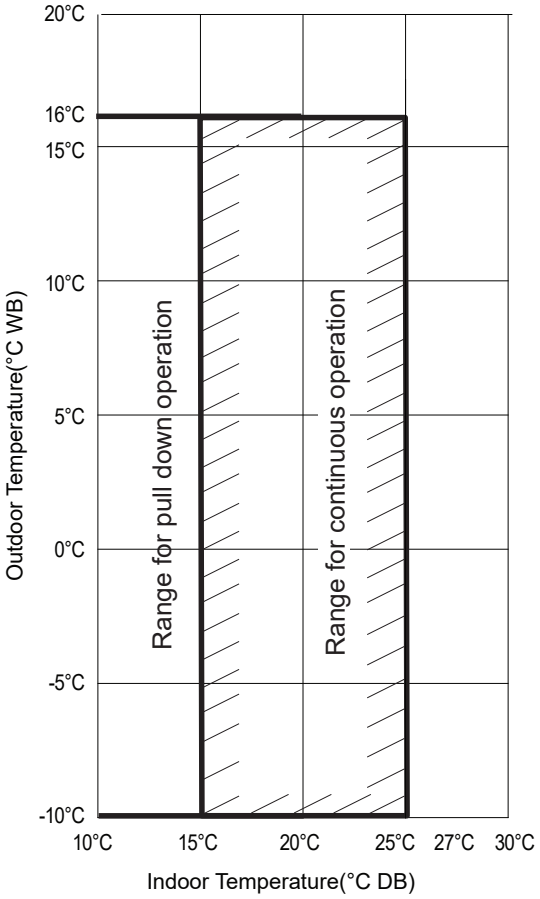
9.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

9.9.4 Simultaneous Operation (Heating)



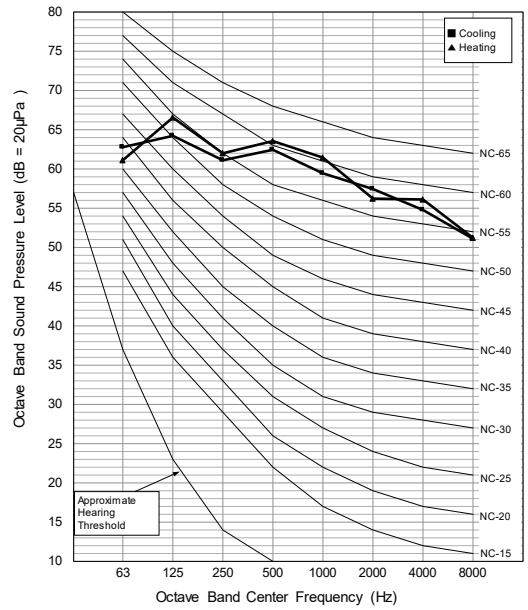
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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9.10 Sound Levels

9.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	62.8	64.2	61.1	62.4	59.4	57.4	54.7	51.2	*65.0*
Heating [dB]	61.1	66.6	62.0	63.6	61.4	56.3	56.2	51.2	*66.0*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	63.0	64.0	85	85
op4~op6, op11	62.0	62.0	80	80
op7~op9, op12	59.0	59.0	70	70

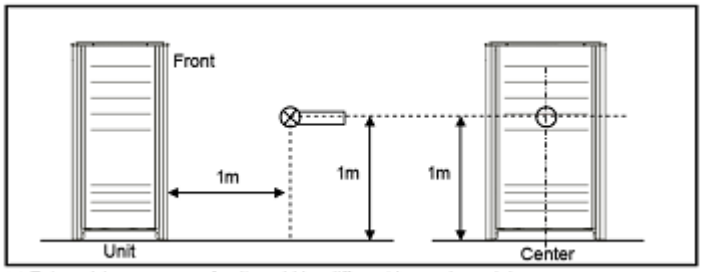
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	90
op3	60	75
op4	55	45
op5	50	35

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	65.0 / 66.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

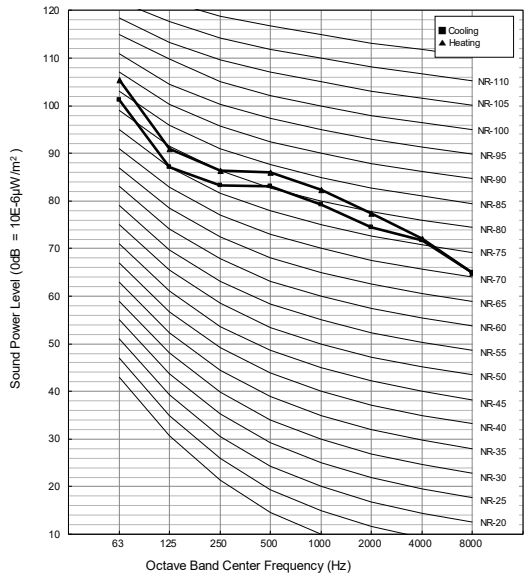
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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9.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	101.3	87.1	83.3	83.1	79.3	74.5	71.7	64.9	*85.0*
Heating [dB]	105.5	90.9	83.3	83.1	79.3	74.5	71.7	64.9	*88.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	83.0	84.0	85	85
op4~op6, op11	82.0	83.0	80	80
op7~op9, op12	81.0	81.0	70	70

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	85.0 / 88.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

10. ARUM260LTE6

10.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC
	Combination Unit (1)	-	ARUM260LTE6
	Combination Unit (2)	-	-
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	51.49 - 48.91 - 47.14
	Running Current by Voltage (Heating,Rated)	A	35.29 - 33.53 - 32.32
Cooling Capacity	Rated	kW	72.8
		Btu/h	248,400
Heating Capacity	Rated	kW	72.8
		Btu/h	248,400
	Max	kW	81.9
		Btu/h	279,500
Power Input(Cooling)	Rated	kW	31.52
Power Input(Heating)	Rated	kW	21.60
Efficiency	EER(Rated)	W/W	2.31
	COP(Rated)	W/W	3.37
	SEER	Wh/Wh	6.62
	SCOP	Wh/Wh	4.11
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	430 x 1
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	1,500 x 2
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 x 2
	Number of Revolution	rev./min	3,600 x 2
	Motor Output	W x No.	5,300 x 2
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,640 x 1,745 x 760
	Shipping(W x H x D)	mm	1,675 x 1,919 x 802
Weight	Net	kg	362
	Shipping	kg	372
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

10. ARUM260LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	16.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	33.400
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05 (3/4)
	Gas	mm(inch)	Φ34.9 (1-3/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9 (1-3/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58 (1-1/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	65.0 / 66.5
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	89.0 / 89.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	54.5
	Maximum Fuse Amperes (MFA)	A	63
	Total Over Current Amperes (TOCA)	A	60.0
	Comp_Maximum Starting Current (MSC)	A	11.8
	Comp_Rated Load Amperes (Cooling)	A	46.5
	Comp_Rated Load Amperes (Heating)	A	30.3
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	42(64)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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10.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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10.3 Accessory Compatibility List

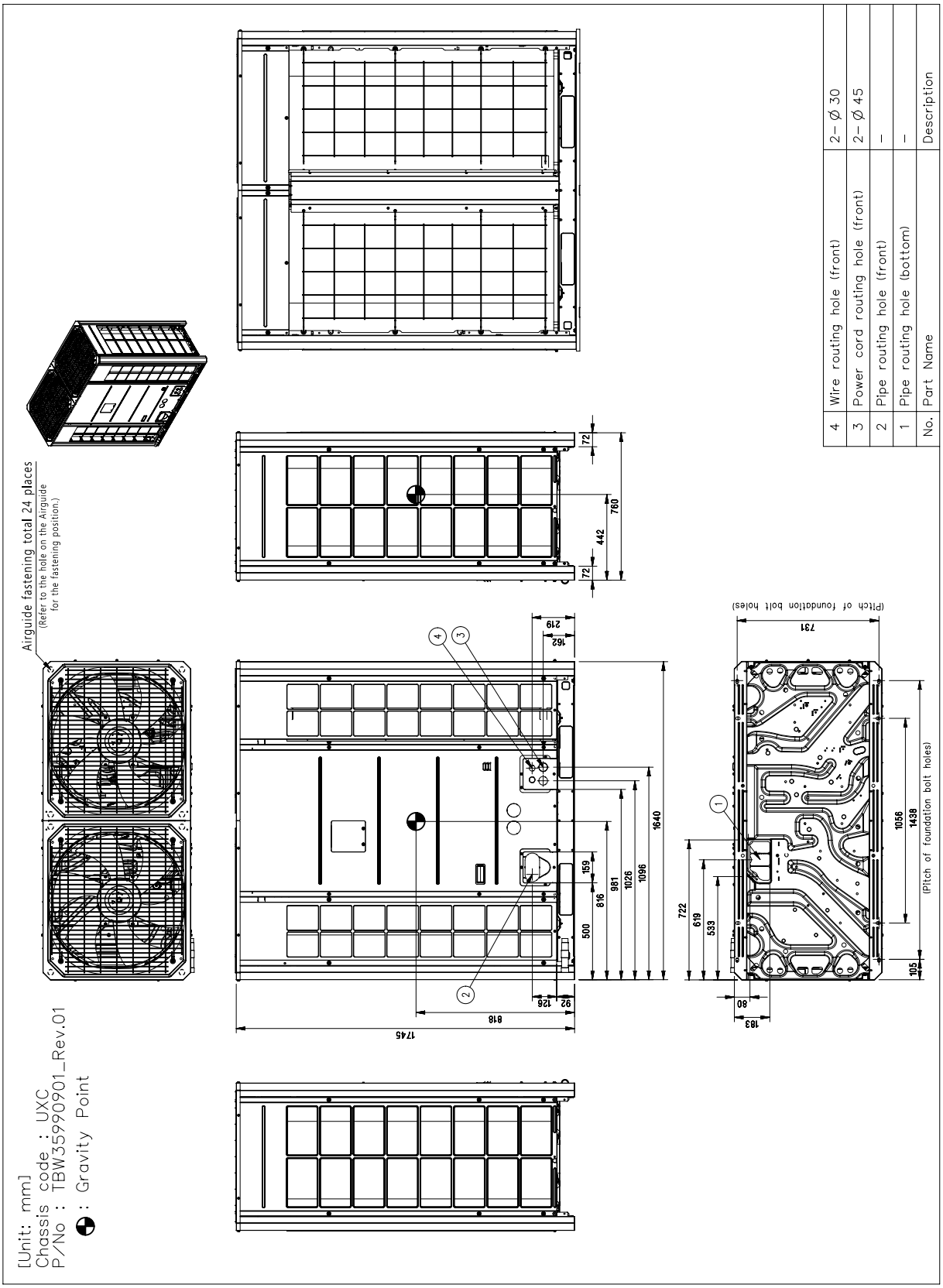
Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

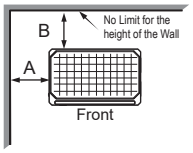
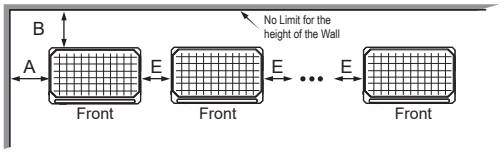
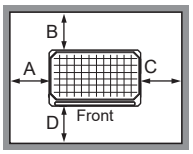
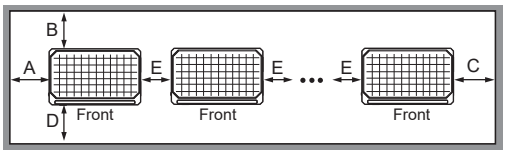
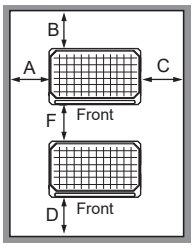
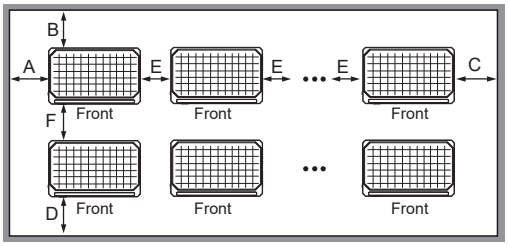
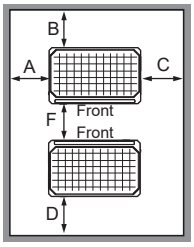
10. ARUM260LTE6

10.4 Dimensions



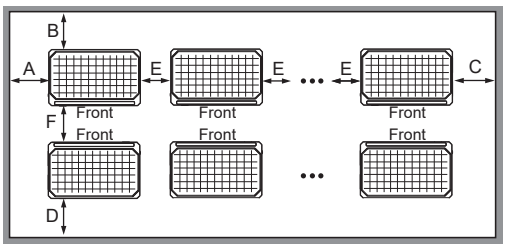
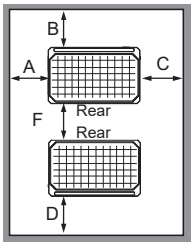
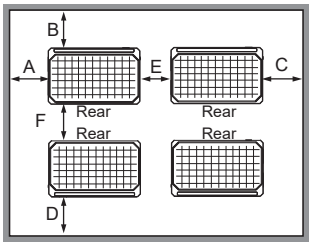
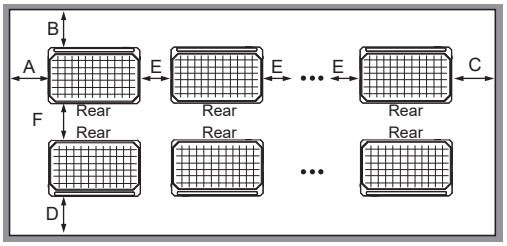
10.4.2 Installation Space

[Unit : mm(inch)]

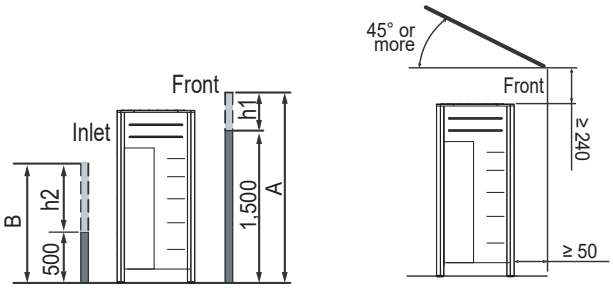
Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
1 Row Installation	2 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)	A ≥ 50 (1-31/32) B ≥ 300 (11-13/16) E ≥ 400 (15-3/4)
	4 sides are walls		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16)
Multiple Rows Installation	Same Direction		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 500 (19-11/16)
			A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 600 (23-5/8)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) F ≥ 500 (19-11/16)

10. ARUM260LTE6

[Unit : mm(inch)]

Installation Scene			Case 1 10(13/32) ≤ A < 50 (1-31/32)	Case 2 A ≥ 50 (1-31/32)
Multiple Rows Installation	Front to Front		A ≥ 10 (13/32) B ≥ 300 (11-13/16) C ≥ 10 (13/32) D ≥ 300 (11-13/16) E ≥ 20 (25/32) F ≥ 500 (19-11/16)	A ≥ 50 (1-31/32) B ≥ 100 (3-15/16) C ≥ 50 (1-31/32) D ≥ 100 (3-15/16) E ≥ 100 (3-15/16) F ≥ 500 (19-11/16)
	Rear to Rear		A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) F ≥ 900 (35-7/16)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) F ≥ 600 (23-5/8)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,200 (47-1/4)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 900 (35-7/16)
			A ≥ 10 (13/32) B ≥ 500 (19-11/16) C ≥ 10 (13/32) D ≥ 500 (19-11/16) E ≥ 20 (25/32) F ≥ 1,800 (70-7/8)	A ≥ 50 (1-31/32) B ≥ 500 (19-11/16) C ≥ 50 (1-31/32) D ≥ 500 (19-11/16) E ≥ 100 (3-15/16) F ≥ 1,200 (47-1/4)

※ The height limit of the wall (4 sides wall)



- the wall on the front side : A ≤ 1,500 (59-1/16)
- the wall on the inlet side : B ≤ 500 (19-11/16)

- If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.

.. for front side
: [h1(Actual height(A) - Limit(1,500)) ÷ 2] or more
.. for inlet side
: [h2(Actual height(B) - Limit(500)) ÷ 2] or more

- There is no limit to the wall on the side.

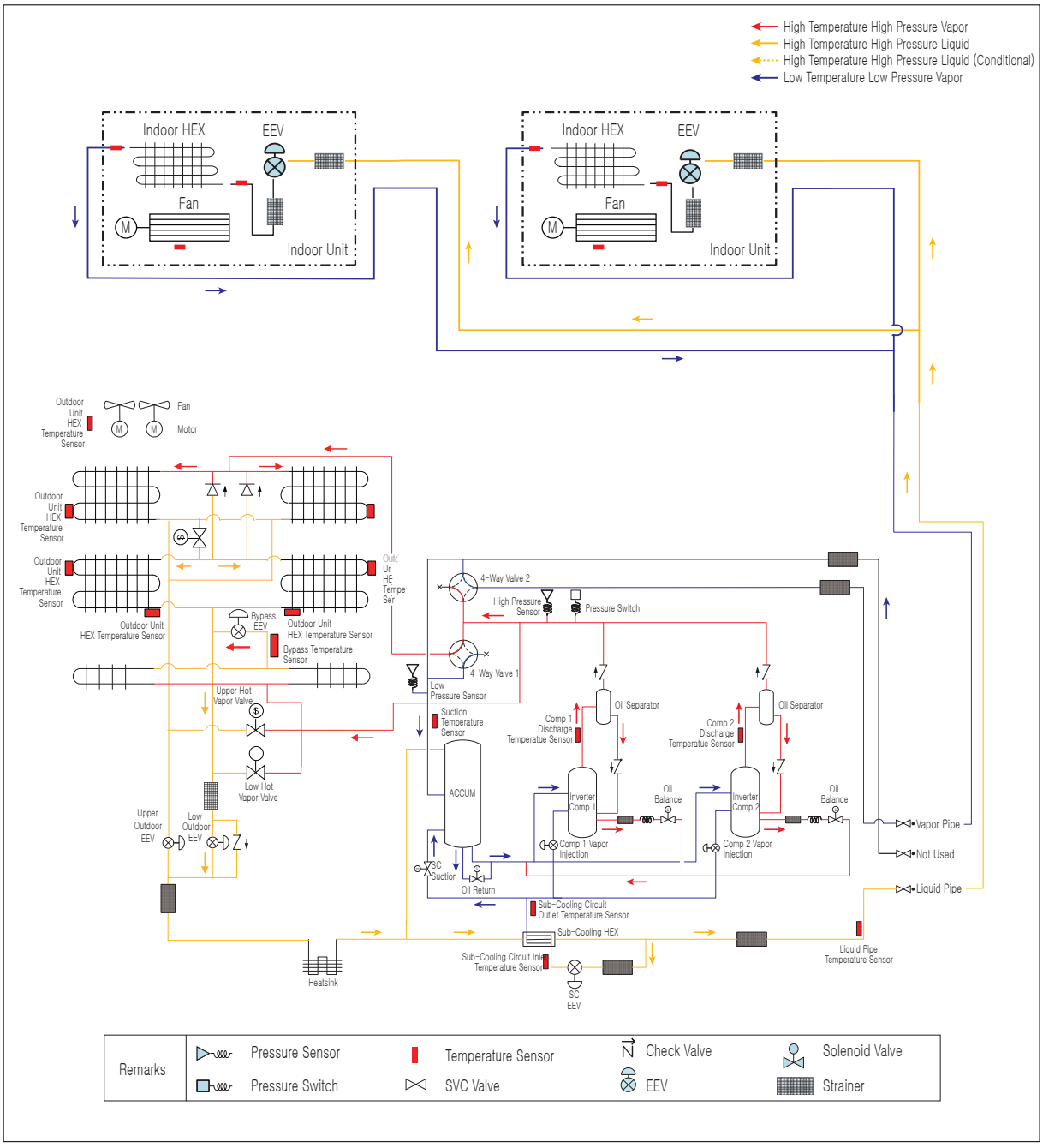
Note

■ If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
■ For operating Auto Dust Removal Mode,Side space(A) should be 50mm(1-31/32 inch) or more. Refer to "Case 2"
■ Secure enough space for smooth service and maintenance.
■ According to product type, model line up, sales region..etc, applicability of each chassis could be different.

10. ARUM260LTE6

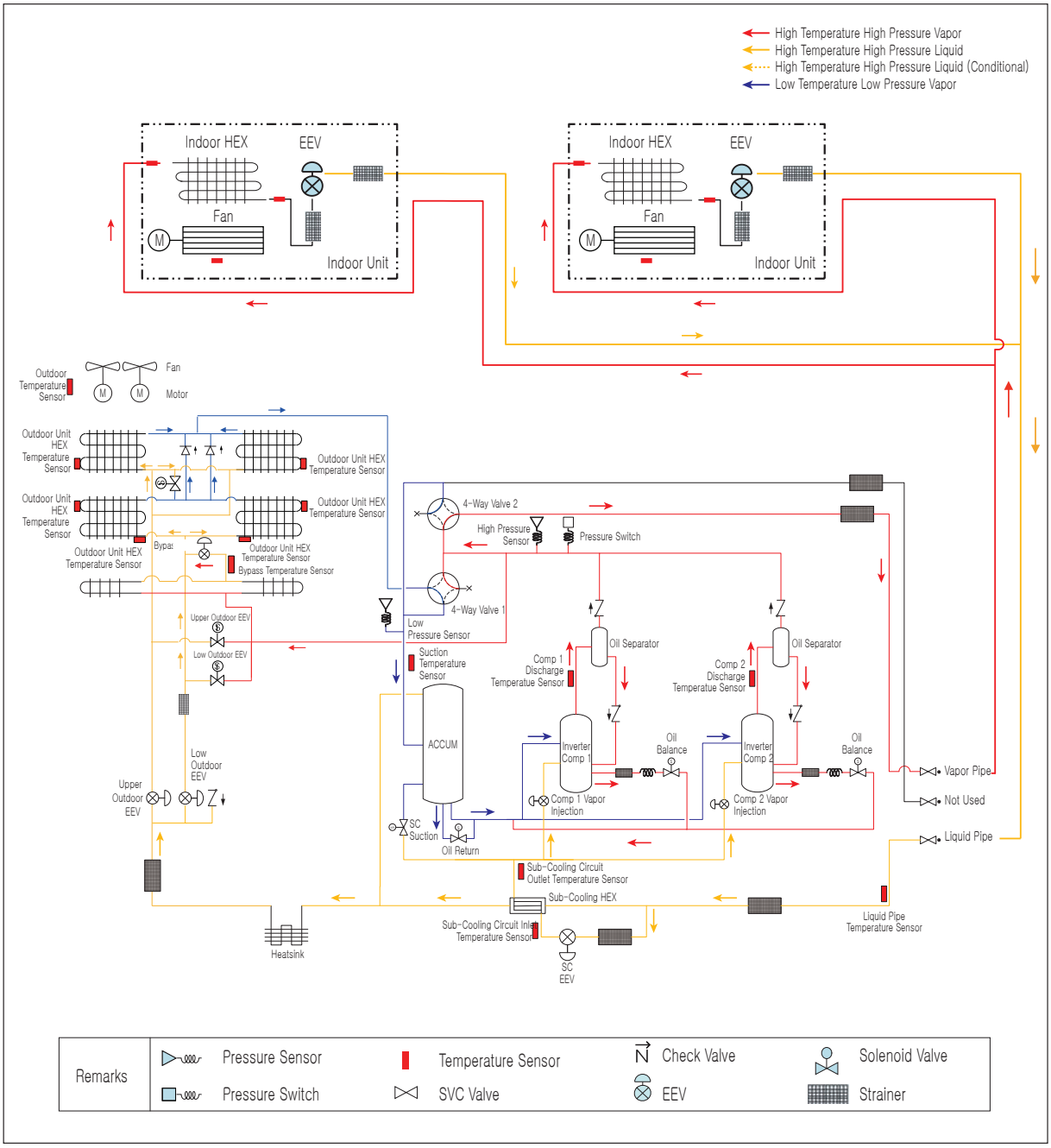
10.5 Piping Diagrams

10.5.1 Heat Pump : Cooling



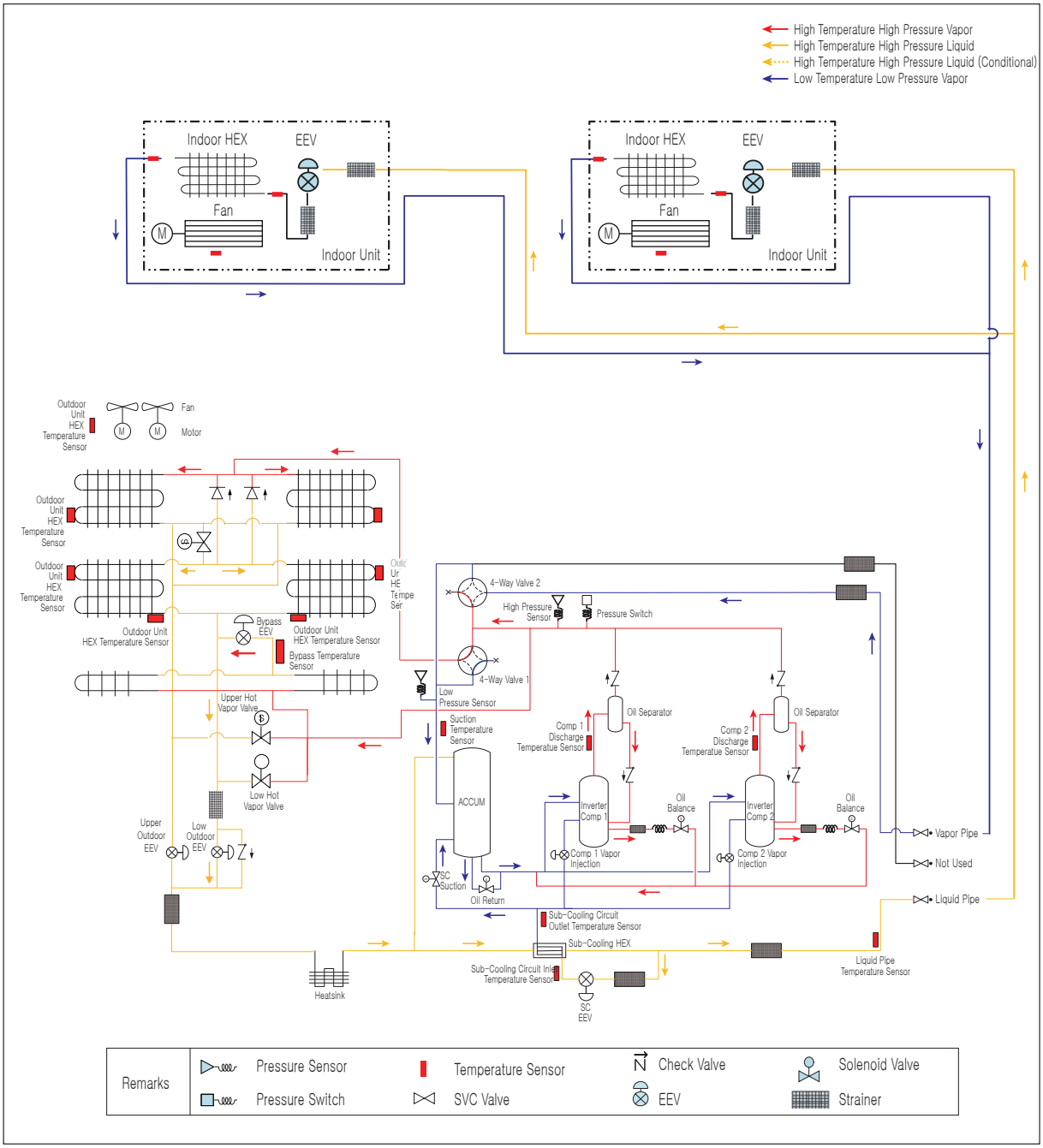
10. ARUM260LTE6

10.5.2 Heat Pump : Heating



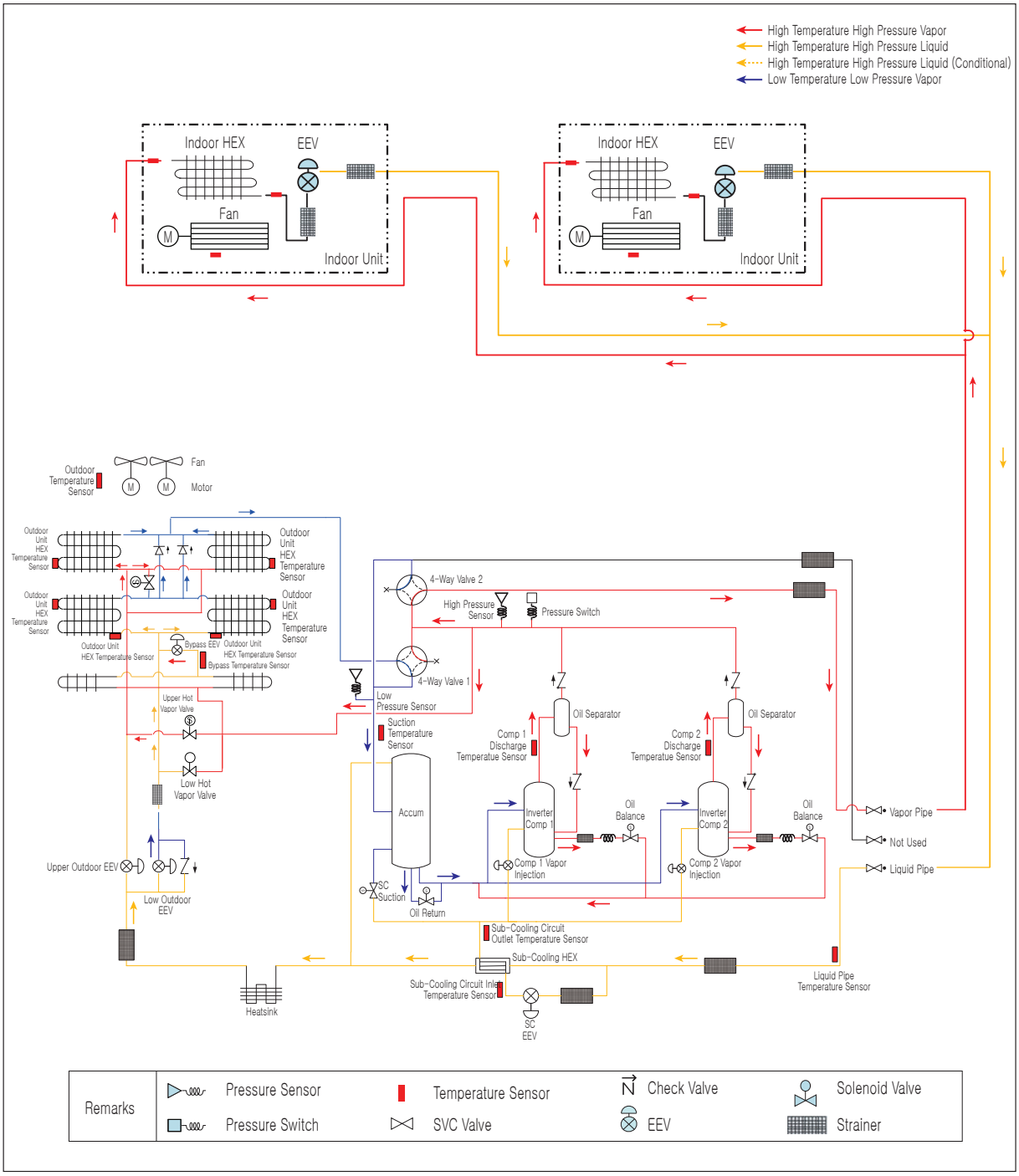
10. ARUM260LTE6

10.5.3 Heat Pump : Defrost / Oil Return



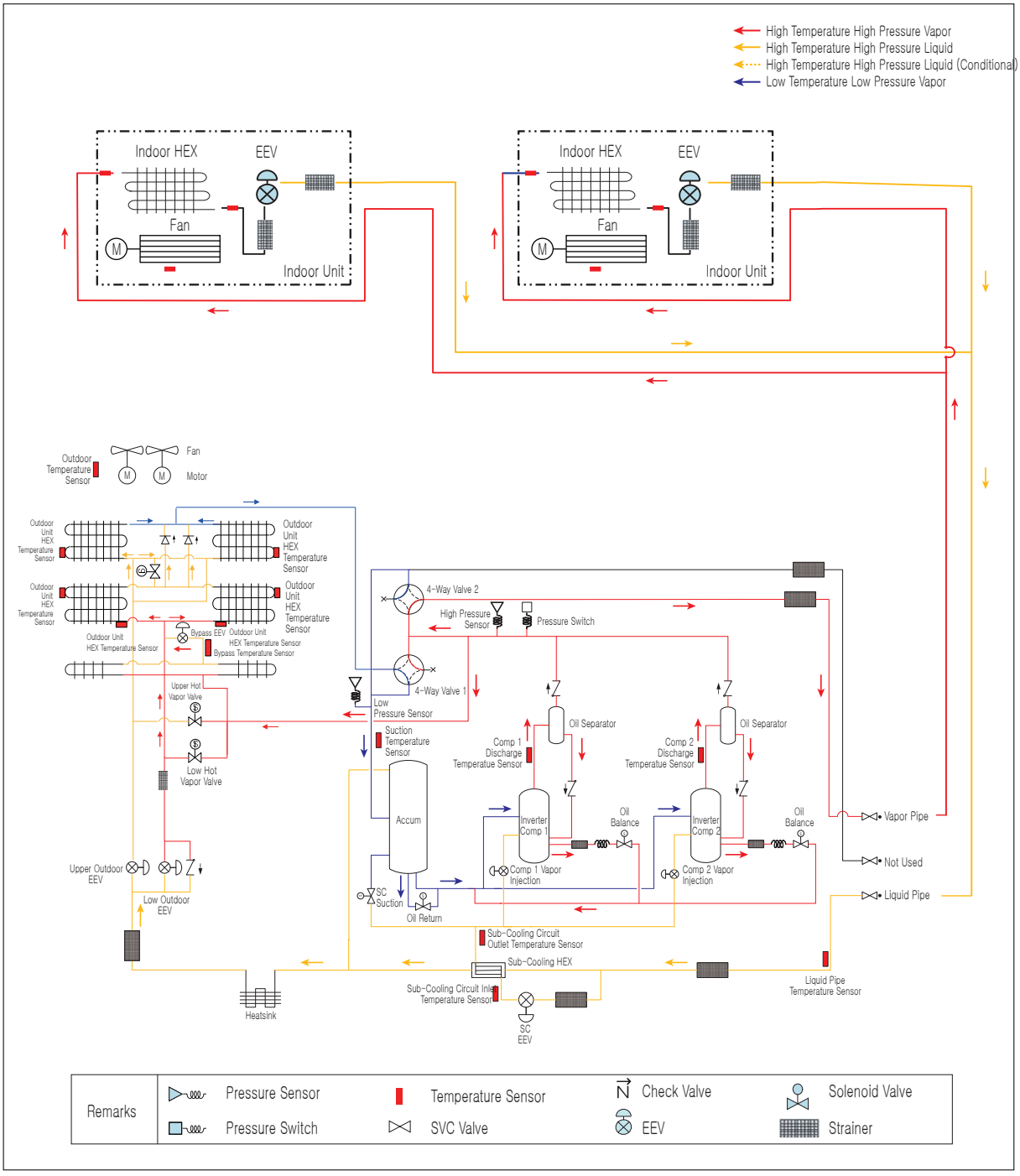
10. ARUM260LTE6

10.5.4 Heat Pump : Upper HEX Defrost



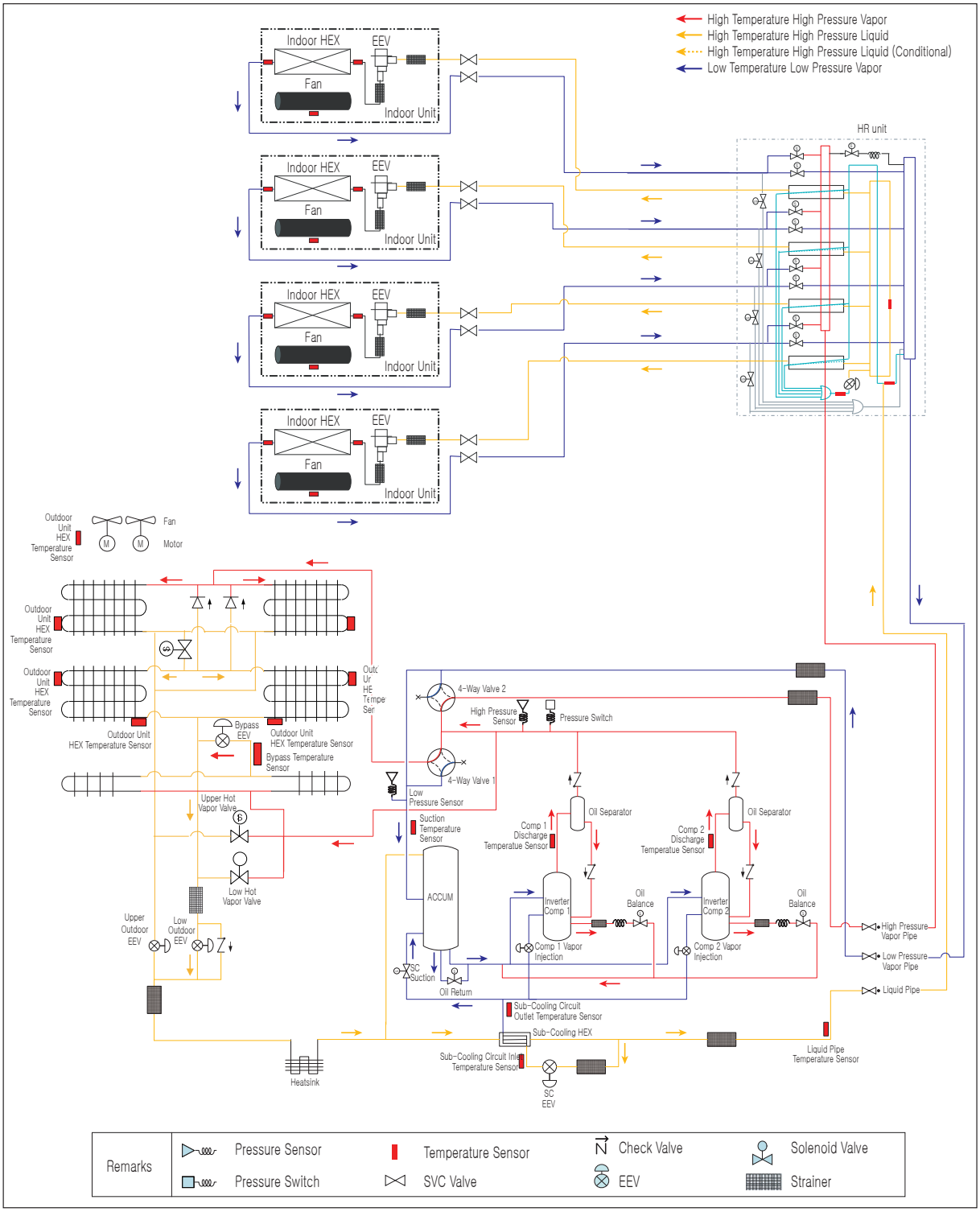
10. ARUM260LTE6

10.5.5 Heat Pump : Lower HEX Defrost



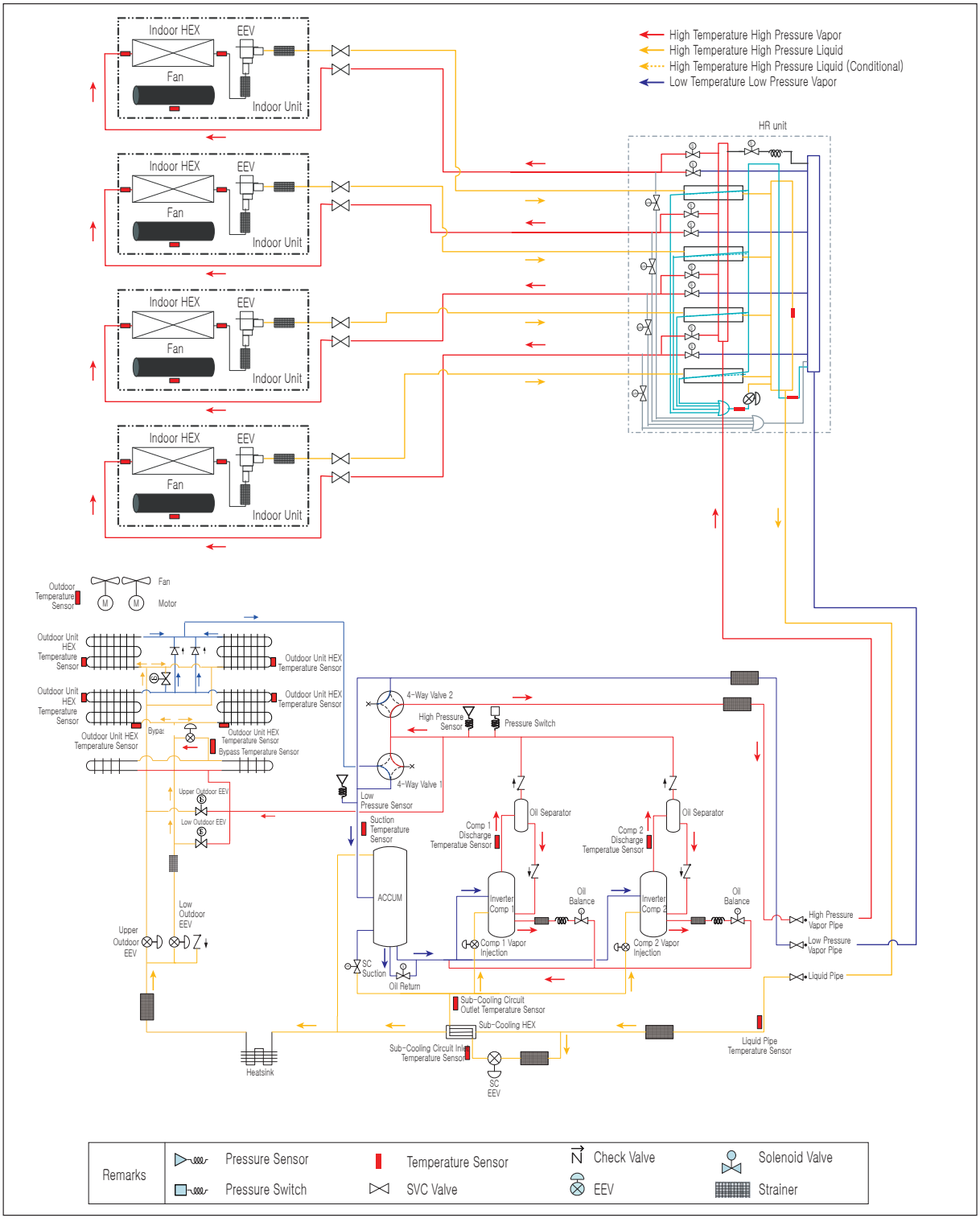
10. ARUM260LTE6

10.5.6 Heat Recovery : Cooling



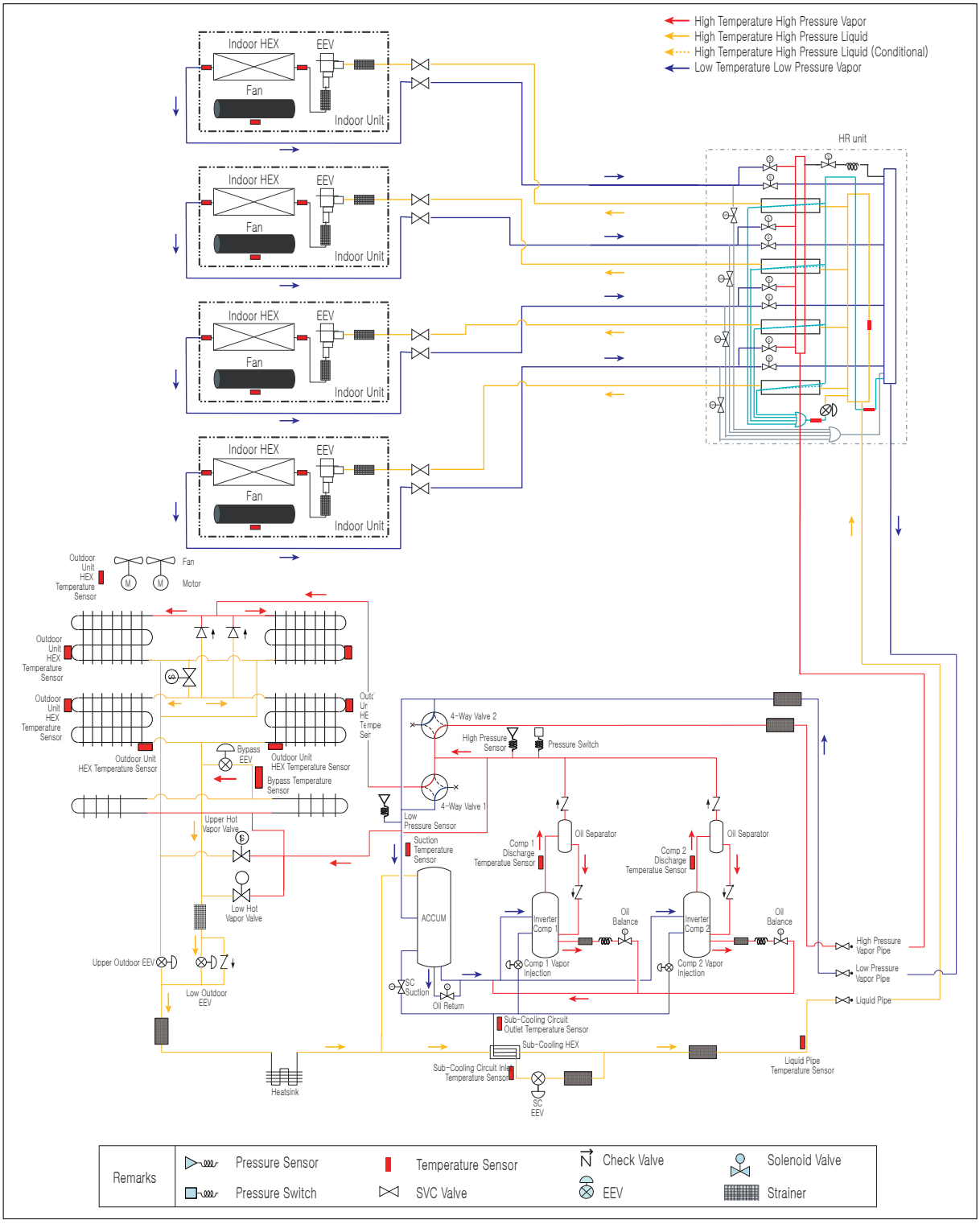
10. ARUM260LTE6

10.5.7 Heat Recovery : Heating



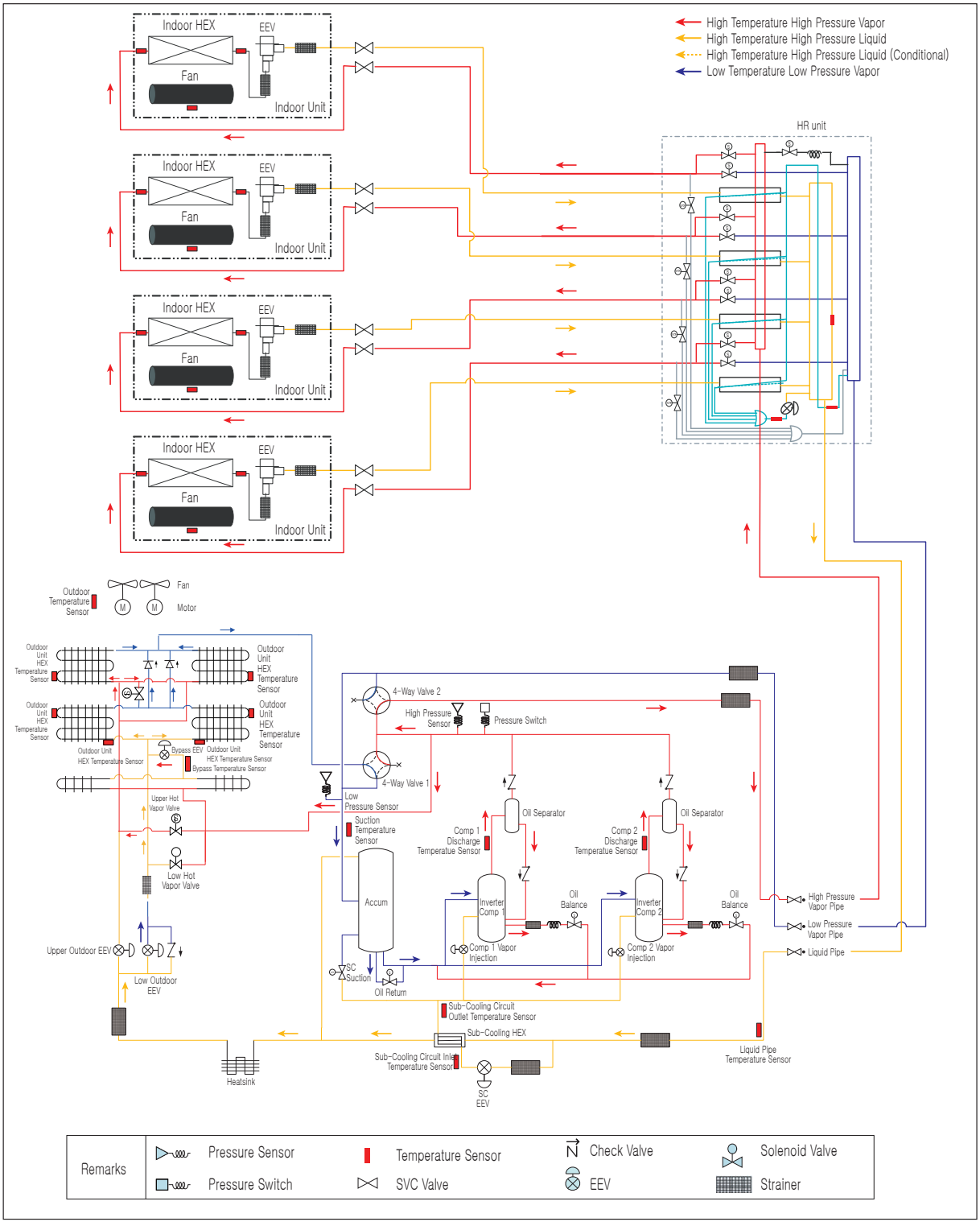
10. ARUM260LTE6

10.5.8 Heat Recovery : Defrost / Oil Return



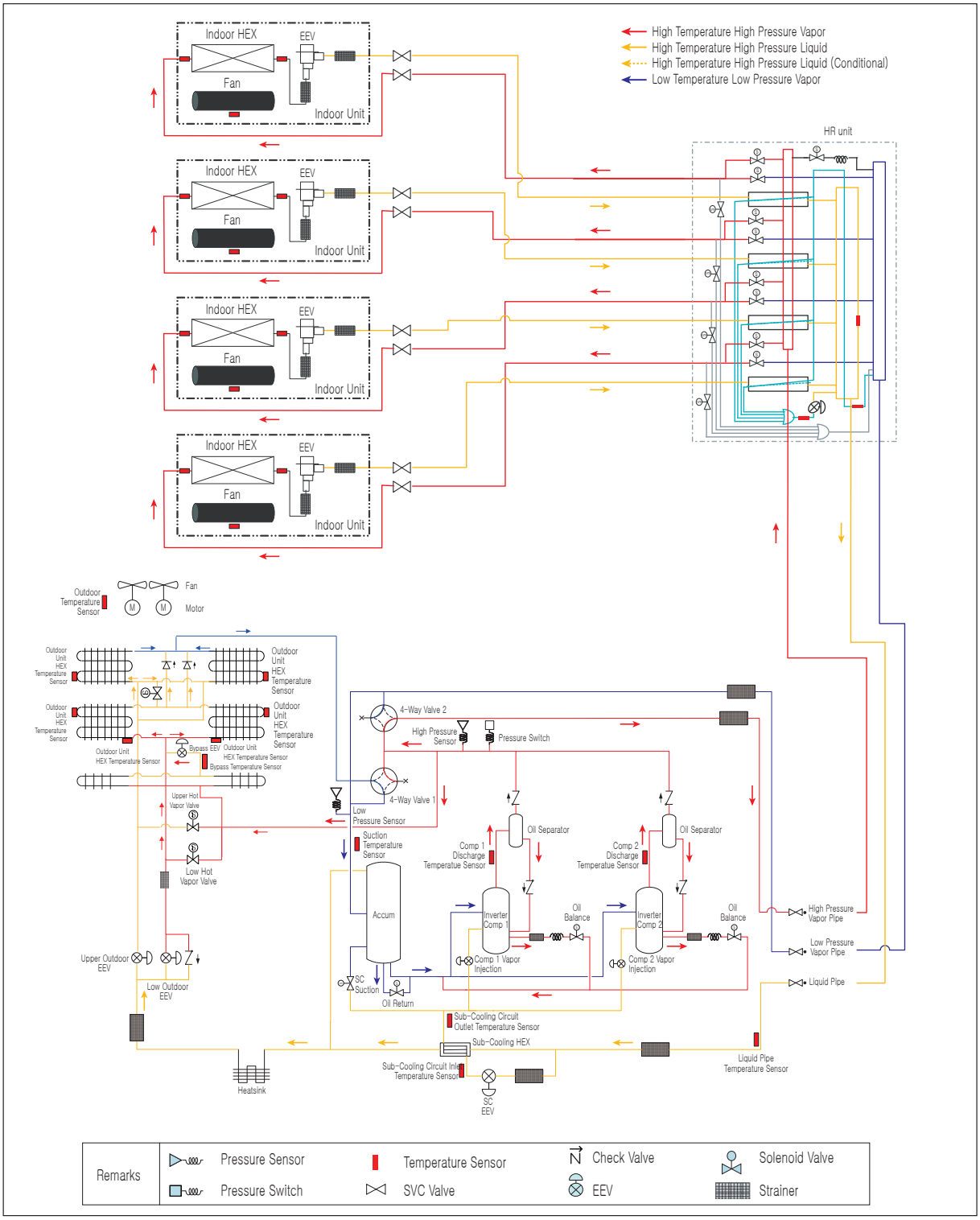
10. ARUM260LTE6

10.5.9 Heat Recovery : Upper HEX Defrost



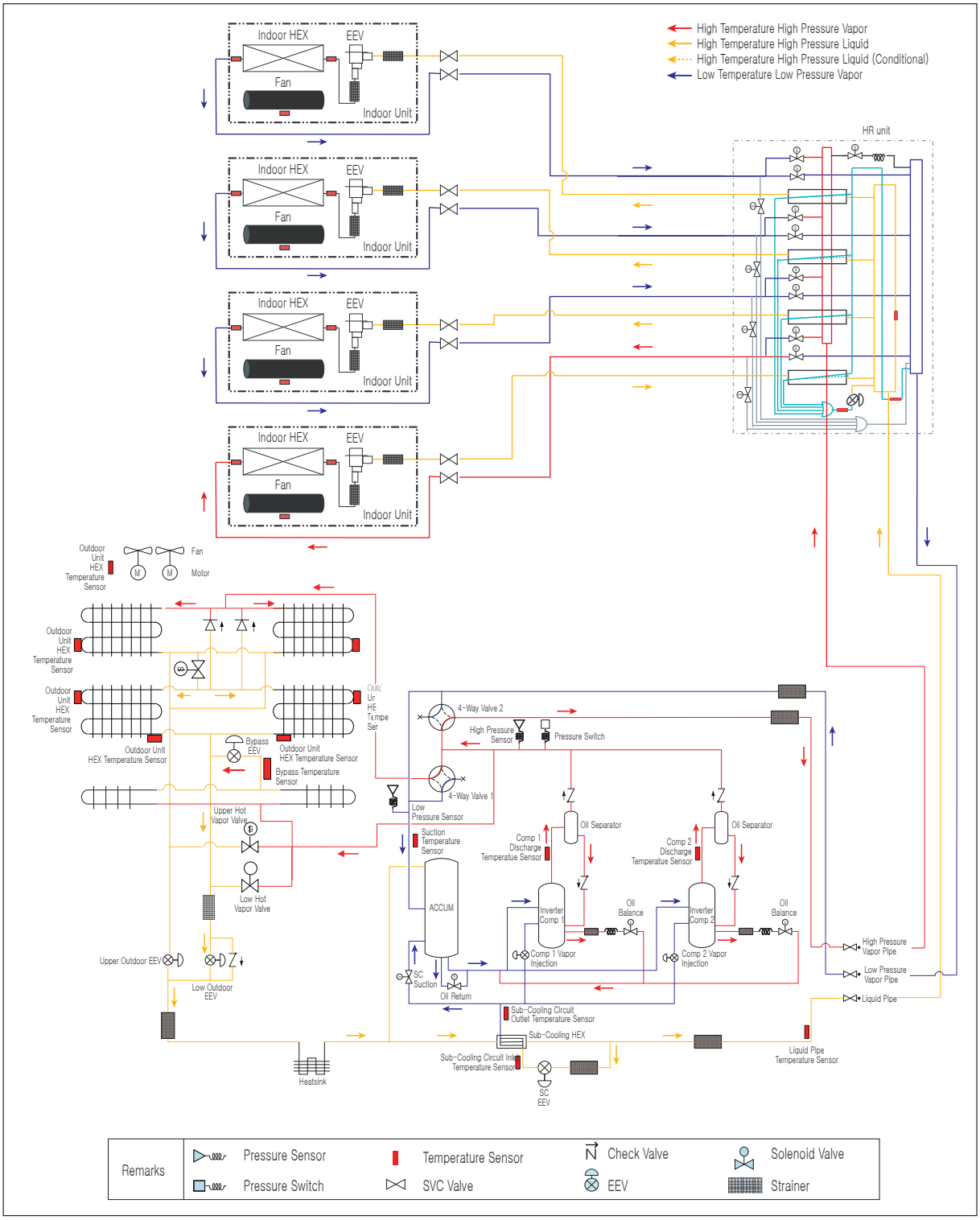
10. ARUM260LTE6

10.5.10 Heat Recovery : Lower HEX Defrost



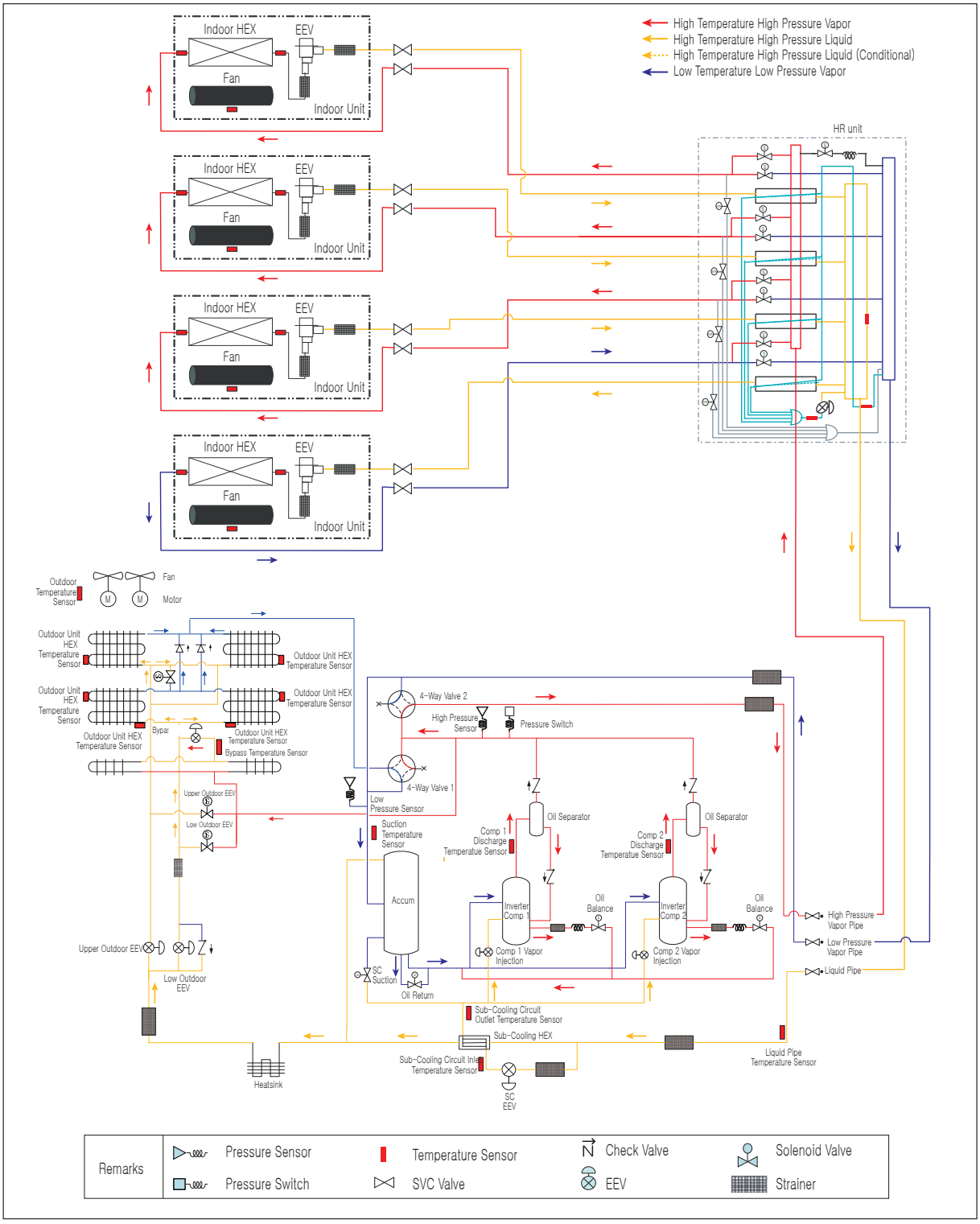
10. ARUM260LTE6

10.5.11 Heat Recovery : Cooling-Based Simultaneous Operation



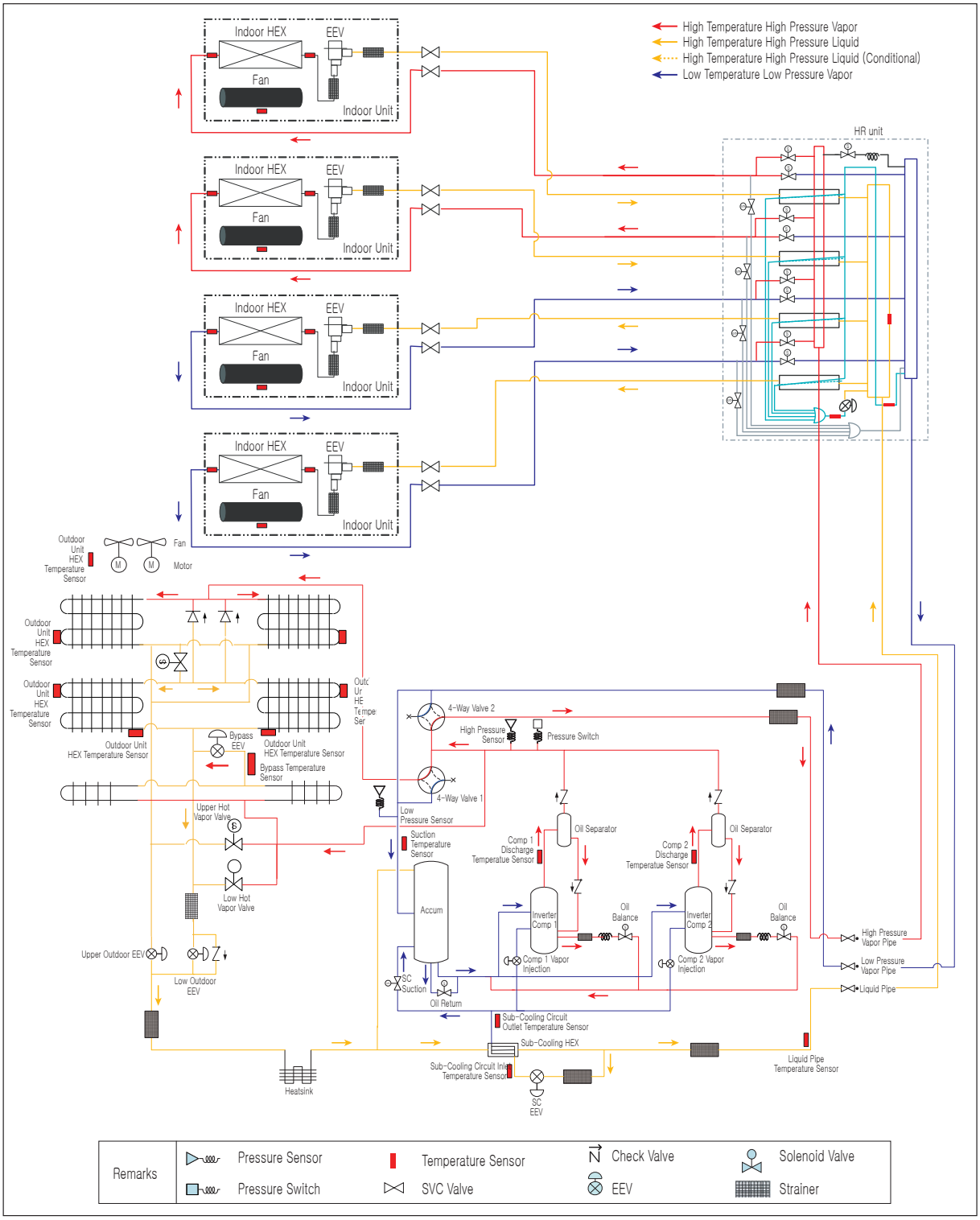
10. ARUM260LTE6

10.5.12 Heat Recovery : Heating-Based Simultaneous Operation



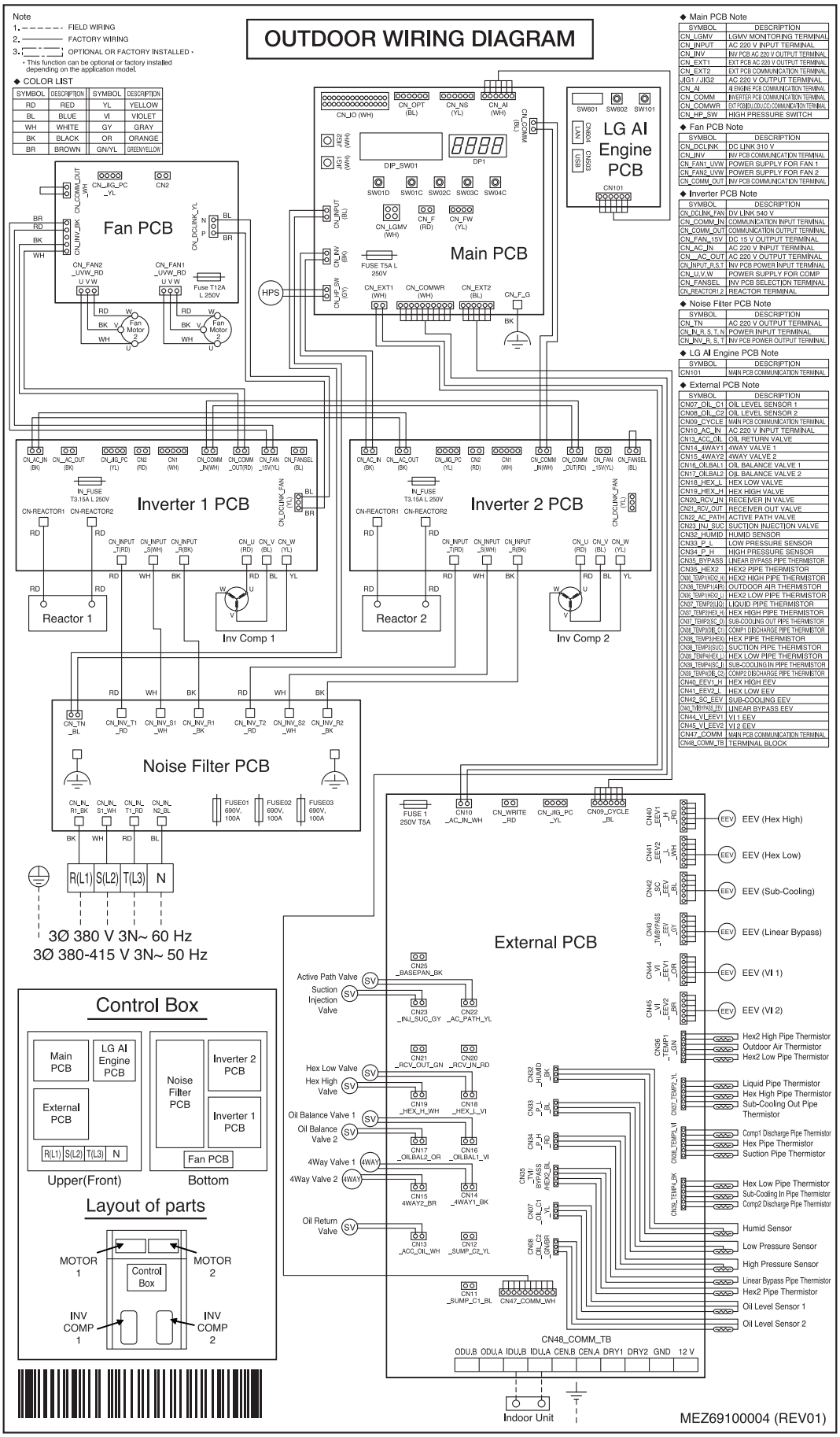
10. ARUM260LTE6

10.5.13 Heat Recovery : Balanced Simultaneous Operation



10. ARUM260LTE6

10.6 Wiring Diagrams



10. ARUM260LTE6

10.7 Capacity Tables

10.7.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	56.90	7.47	71.80	11.08	87.80	17.03	94.60	19.83	102.2	22.95	108.7	25.75	113.8	27.98
	12	56.90	8.24	71.80	12.26	87.80	18.69	94.60	21.51	102.2	24.68	108.7	27.46	113.8	29.61
	14	56.90	9.10	71.80	13.56	87.80	20.51	94.60	23.32	102.2	26.55	108.7	29.31	113.8	31.39
	16	56.90	10.05	71.80	14.98	87.80	22.41	94.60	25.28	102.2	28.58	108.7	31.34	113.8	33.06
	18	56.90	11.10	71.80	16.53	87.80	24.41	94.60	27.40	102.2	30.50	108.7	32.60	113.8	33.96
	20	56.90	12.25	71.80	18.24	87.80	26.54	94.60	29.07	102.2	31.75	108.7	33.76	113.6	34.97
	21	56.90	12.87	71.80	19.15	87.80	27.20	94.60	29.74	102.2	32.41	108.7	34.39	113.1	35.43
	23	56.90	14.20	71.80	20.98	87.80	28.60	94.60	31.16	102.2	33.84	108.7	35.77	111.9	36.50
	25	56.90	15.66	71.80	22.34	87.80	30.09	94.60	32.70	102.2	35.41	108.7	37.33	110.6	37.77
	27	56.90	16.77	71.80	23.79	87.80	31.68	94.60	34.37	102.2	37.16	107.8	38.85	109.3	39.21
	29	56.90	17.89	71.80	25.35	87.80	33.40	94.60	36.21	102.2	39.13	106.3	40.45	107.8	40.84
	31	56.90	19.08	71.80	27.03	87.80	35.27	94.60	38.24	102.2	41.39	104.8	42.22	106.3	42.64
	33	56.90	20.36	71.80	28.85	87.80	37.31	94.60	40.53	101.4	43.64	103.2	44.17	104.7	44.62
	35	56.90	21.72	71.80	30.82	87.80	39.59	94.60	43.15	98.30	45.12	98.20	45.07	98.20	45.11
	37	56.90	23.17	71.80	33.00	87.80	42.16	92.10	44.71	92.10	44.74	92.10	44.70	92.00	44.70
	39	56.90	24.73	71.80	35.30	86.00	43.92	86.00	43.95	86.00	43.92	85.90	43.90	85.90	43.92
	41	56.90	26.42	71.80	37.50	80.00	42.85	80.00	42.83	80.00	42.86	79.90	42.82	79.80	42.79
	43	56.90	28.24	71.80	39.94	74.10	41.60	74.10	41.60	74.00	41.56	74.00	41.56	74.00	41.55
	46	56.90	31.28	65.70	39.48	65.60	39.49	65.60	39.43	65.60	39.47	65.60	39.49	65.50	39.39
	48	56.90	33.57	60.30	36.91	60.20	36.87	60.20	36.80	60.30	36.98	60.20	36.84	60.20	36.87
	50	54.70	33.74	55.20	32.09	55.10	29.96	55.10	29.56	55.00	29.10	55.10	28.83	55.00	28.68
	52	45.10	25.98	45.80	24.59	46.50	23.26	46.60	22.99	46.80	22.69	47.00	22.41	47.10	22.22
120	10	52.50	6.70	66.30	9.55	81.10	14.23	87.30	16.80	94.30	19.73	100.3	22.16	105.0	24.15
	12	52.50	7.36	66.30	10.58	81.10	15.69	87.30	18.45	94.30	21.41	100.3	23.88	105.0	25.88
	14	52.50	8.10	66.30	11.71	81.10	17.28	87.30	20.25	94.30	23.22	100.3	25.75	105.0	27.75
	16	52.50	8.93	66.30	12.94	81.10	19.02	87.30	22.19	94.30	25.17	100.3	27.77	105.0	29.79
	18	52.50	9.84	66.30	14.30	81.10	20.93	87.30	24.18	94.30	27.28	100.3	29.85	105.0	31.44
	20	52.50	10.85	66.30	15.79	81.10	23.01	87.30	26.33	94.30	28.97	100.3	31.11	105.0	32.66
	21	52.50	11.39	66.30	16.59	81.10	24.13	87.30	27.01	94.30	29.65	100.3	31.78	105.0	33.31
	23	52.50	12.56	66.30	18.30	81.10	25.67	87.30	28.40	94.30	31.07	100.3	33.21	105.0	34.73
	25	52.50	13.85	66.30	19.71	81.10	27.29	87.30	29.88	94.30	32.60	100.3	34.77	105.0	36.30
	27	52.50	15.01	66.30	21.00	81.10	28.89	87.30	31.47	94.30	34.27	100.3	36.50	105.0	38.07
	29	52.50	16.01	66.30	22.39	81.10	30.50	87.30	33.18	94.30	36.10	100.3	38.44	105.0	40.09
	31	52.50	17.09	66.30	23.87	81.10	32.22	87.30	35.03	94.30	38.13	100.3	40.65	103.8	41.95
	33	52.50	18.23	66.30	25.46	81.10	34.08	87.30	37.07	94.30	40.41	100.3	43.19	102.3	43.89
	35	52.50	19.45	66.30	27.18	81.10	36.10	87.30	39.32	94.30	43.02	98.20	45.10	98.20	45.07
	37	52.50	20.75	66.30	29.04	81.10	38.31	87.30	41.86	92.10	44.72	92.20	44.74	92.10	44.72
	39	52.50	22.14	66.30	31.07	81.10	40.78	86.10	43.94	86.00	43.92	86.00	43.92	85.90	43.91
	41	52.50	23.63	66.30	33.30	80.10	42.87	80.10	42.89	80.00	42.86	79.90	42.84	79.90	42.85
	43	52.50	25.24	66.30	35.78	74.10	41.56	74.10	41.60	74.10	41.62	74.10	41.58	74.00	41.55
	46	52.50	27.88	65.70	39.50	65.60	39.47	65.60	39.48	65.60	39.43	65.50	39.41	65.60	39.45
	48	52.50	29.84	60.30	36.89	60.30	36.88	60.20	36.83	60.20	36.86	60.20	36.88	60.10	36.81
	50	52.50	31.99	55.10	32.72	55.10	30.93	55.10	30.53	55.00	30.09	55.10	29.48	55.00	29.02
	52	44.80	26.52	45.50	25.11	46.20	23.77	46.40	23.49	46.50	23.20	46.70	22.96	46.70	22.81
110	10	48.10	6.04	60.70	8.26	74.30	11.86	80.00	13.84	86.50	16.43	92.00	18.80	96.30	20.49
	12	48.10	6.60	60.70	9.13	74.30	13.12	80.00	15.26	86.50	18.05	92.00	20.45	96.30	22.19
	14	48.10	7.23	60.70	10.10	74.30	14.50	80.00	16.82	86.50	19.82	92.00	22.23	96.30	24.02

10. ARUM260LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	48.10	7.94	60.70	11.16	74.30	16.00	80.00	18.53	86.50	21.76	92.00	24.15	96.30	26.00
	18	48.10	8.72	60.70	12.34	74.30	17.65	80.00	20.40	86.50	23.81	92.00	26.22	96.30	28.14
	20	48.10	9.59	60.70	13.62	74.30	19.46	80.00	22.44	86.50	25.94	92.00	28.09	96.30	29.67
	21	48.10	10.06	60.70	14.31	74.30	20.42	80.00	23.53	86.50	26.69	92.00	28.76	96.30	30.34
	23	48.10	11.08	60.70	15.79	74.30	22.20	80.00	25.12	86.50	28.07	92.00	30.18	96.30	31.77
	25	48.10	12.20	60.70	17.29	74.30	23.62	80.00	26.70	86.50	29.55	92.00	31.70	96.30	33.32
	27	48.10	13.38	60.70	18.44	74.30	25.15	80.00	28.42	86.50	31.13	92.00	33.34	96.30	35.01
	29	48.10	14.27	60.70	19.67	74.30	26.80	80.00	30.05	86.50	32.82	92.00	35.13	96.30	36.87
	31	48.10	15.23	60.70	20.98	74.30	28.58	80.00	31.75	86.50	34.66	92.00	37.09	96.30	38.95
	33	48.10	16.25	60.70	22.37	74.30	30.51	80.00	33.58	86.50	36.66	92.00	39.28	96.30	41.31
	35	48.10	17.34	60.70	23.87	74.30	32.64	80.00	35.57	86.50	38.88	92.00	41.75	96.30	44.03
	37	48.10	18.50	60.70	25.48	74.30	34.63	80.00	37.74	86.50	41.37	92.00	44.61	92.10	44.69
	39	48.10	19.74	60.70	27.21	74.30	36.76	80.00	40.15	86.10	43.93	86.00	43.93	86.00	43.89
	41	48.10	21.06	60.70	29.09	74.30	39.10	80.00	42.84	80.00	42.84	79.90	42.83	80.00	42.85
	43	48.10	22.48	60.70	31.15	74.20	41.60	74.10	41.57	74.10	41.55	74.10	41.62	74.10	41.61
	46	48.10	24.80	60.70	34.64	65.70	39.53	65.70	39.52	65.60	39.49	65.60	39.49	65.60	39.49
	48	48.10	26.50	60.30	36.87	60.30	36.91	60.30	36.91	60.20	36.87	60.20	36.84	60.20	36.81
	50	48.10	28.34	54.90	33.24	55.20	31.76	55.10	31.15	55.10	30.50	55.10	29.90	55.10	29.44
	52	44.60	27.04	45.20	25.75	45.90	24.37	46.00	24.11	46.20	23.82	46.30	23.63	46.30	23.53
100	10	43.70	5.48	55.20	7.17	67.60	9.89	72.80	11.37	78.60	13.32	83.60	15.22	87.50	16.88
	12	43.70	5.95	55.20	7.90	67.60	10.95	72.80	12.59	78.60	14.70	83.60	16.75	87.50	18.53
	14	43.70	6.48	55.20	8.71	67.60	12.12	72.80	13.91	78.60	16.22	83.60	18.43	87.50	20.34
	16	43.70	7.07	55.20	9.61	67.60	13.40	72.80	15.37	78.60	17.87	83.60	20.26	87.50	22.27
	18	43.70	7.73	55.20	10.61	67.60	14.81	72.80	16.96	78.60	19.68	83.60	22.27	87.50	24.26
	20	43.70	8.48	55.20	11.71	67.60	16.35	72.80	18.70	78.60	21.66	83.60	24.46	87.50	26.41
	21	43.70	8.88	55.20	12.30	67.60	17.17	72.80	19.63	78.60	22.72	83.60	25.49	87.50	27.08
	23	43.70	9.75	55.20	13.57	67.60	18.93	72.80	21.44	78.60	24.36	83.60	26.95	87.50	28.47
	25	43.70	10.71	55.20	14.96	67.60	20.31	72.80	22.83	78.60	25.91	83.60	28.40	87.50	29.96
	27	43.70	11.78	55.20	16.10	67.60	21.64	72.80	24.31	78.60	27.58	83.60	29.94	87.50	31.54
	29	43.70	12.65	55.20	17.17	67.60	23.07	72.80	25.90	78.60	29.38	83.60	31.59	87.50	33.26
	31	43.70	13.50	55.20	18.32	67.60	24.59	72.80	27.62	78.60	31.11	83.60	33.36	87.50	35.12
	33	43.70	14.40	55.20	19.54	67.60	26.23	72.80	29.48	78.60	32.90	83.60	35.29	87.50	37.15
	35	43.70	15.37	55.20	20.85	67.60	28.01	72.80	31.51	78.60	34.84	83.60	37.39	87.50	39.41
	37	43.70	16.40	55.20	22.25	67.60	29.93	72.80	33.75	78.60	36.95	83.60	39.73	87.50	41.96
	39	43.70	17.50	55.20	23.74	67.60	32.04	72.80	35.86	78.60	39.29	83.60	42.35	86.00	43.89
	41	43.70	18.68	55.20	25.35	67.60	34.37	72.80	38.12	78.60	41.89	80.00	42.85	80.00	42.88
	43	43.70	19.93	55.20	27.08	67.60	36.98	72.80	40.62	74.20	41.60	74.10	41.57	74.10	41.58
	46	43.70	21.98	55.20	29.97	65.70	39.50	65.70	39.48	65.60	39.45	65.60	39.45	65.60	39.47
	48	43.70	23.46	55.20	32.12	60.30	36.86	60.20	36.85	60.30	36.87	60.20	36.86	60.20	36.85
	50	43.70	25.06	54.70	33.89	55.20	32.36	55.10	31.72	55.20	31.05	55.10	30.44	55.10	29.96
	52	43.70	26.78	44.90	26.38	45.50	25.12	45.60	24.87	45.80	24.58	46.00	24.17	46.20	23.84
90	10	39.40	5.01	49.70	6.27	60.80	8.27	65.50	9.36	70.80	10.77	75.20	12.16	78.80	13.36
	12	39.40	5.39	49.70	6.87	60.80	9.15	65.50	10.36	70.80	11.93	75.20	13.44	78.80	14.75
	14	39.40	5.82	49.70	7.54	60.80	10.12	65.50	11.47	70.80	13.19	75.20	14.85	78.80	16.27
	16	39.40	6.31	49.70	8.28	60.80	11.18	65.50	12.68	70.80	14.58	75.20	16.39	78.80	17.93
	18	39.40	6.87	49.70	9.11	60.80	12.36	65.50	14.01	70.80	16.10	75.20	18.07	78.80	19.75
	20	39.40	7.49	49.70	10.03	60.80	13.65	65.50	15.48	70.80	17.76	75.20	19.91	78.80	21.73
	21	39.40	7.82	49.70	10.53	60.80	14.34	65.50	16.26	70.80	18.65	75.20	20.89	78.80	22.80
	23	39.40	8.56	49.70	11.60	60.80	15.82	65.50	17.93	70.80	20.50	75.20	22.65	78.80	24.43
	25	39.40	9.38	49.70	12.78	60.80	17.32	65.50	19.36	70.80	21.83	75.20	24.10	78.80	25.98
	27	39.40	10.29	49.70	13.95	60.80	18.47	65.50	20.63	70.80	23.25	75.20	25.66	78.80	27.66

10. ARUM260LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	39.40	11.16	49.70	14.89	60.80	19.70	65.50	21.99	70.80	24.78	75.20	27.34	78.80	29.47
	31	39.40	11.90	49.70	15.89	60.80	21.01	65.50	23.45	70.80	26.42	75.20	29.15	78.80	31.17
	33	39.40	12.69	49.70	16.95	60.80	22.41	65.50	25.01	70.80	28.19	75.20	31.14	78.80	32.97
	35	39.40	13.54	49.70	18.09	60.80	23.91	65.50	26.70	70.80	30.12	75.20	33.13	78.80	34.91
	37	39.40	14.45	49.70	19.30	60.80	25.52	65.50	28.52	70.80	32.23	75.20	35.12	78.80	37.03
	39	39.40	15.42	49.70	20.59	60.80	27.26	65.50	30.50	70.80	34.56	75.20	37.29	78.80	39.37
	41	39.40	16.46	49.70	21.97	60.80	29.14	65.50	32.68	70.80	36.87	75.20	39.68	78.80	41.98
	43	39.40	17.57	49.70	23.46	60.80	31.20	65.50	35.09	70.80	39.24	74.20	41.62	74.20	41.63
	46	39.40	19.38	49.70	25.89	60.80	34.70	65.50	39.29	65.70	39.49	65.60	39.47	65.70	39.49
	48	39.40	20.69	49.70	27.67	60.30	36.90	60.30	36.86	60.40	36.95	60.30	36.92	60.30	36.92
	50	39.40	22.08	49.70	29.61	55.00	33.10	55.20	32.46	55.10	31.74	55.10	31.11	55.00	30.62
	52	39.40	23.57	44.70	26.82	45.20	25.80	45.40	25.38	45.60	24.94	45.80	24.52	46.00	24.20
80	10	35.00	4.61	44.20	5.53	54.10	6.96	58.20	7.73	62.90	8.74	66.90	9.71	70.00	10.56
	12	35.00	4.92	44.20	6.01	54.10	7.67	58.20	8.54	62.90	9.67	66.90	10.75	70.00	11.69
	14	35.00	5.27	44.20	6.55	54.10	8.45	58.20	9.44	62.90	10.70	66.90	11.90	70.00	12.93
	16	35.00	5.66	44.20	7.15	54.10	9.32	58.20	10.43	62.90	11.83	66.90	13.16	70.00	14.29
	18	35.00	6.11	44.20	7.83	54.10	10.28	58.20	11.52	62.90	13.07	66.90	14.54	70.00	15.79
	20	35.00	6.62	44.20	8.58	54.10	11.34	58.20	12.72	62.90	14.44	66.90	16.05	70.00	17.42
	21	35.00	6.90	44.20	8.99	54.10	11.91	58.20	13.36	62.90	15.17	66.90	16.86	70.00	18.29
	23	35.00	7.51	44.20	9.88	54.10	13.13	58.20	14.74	62.90	16.74	66.90	18.60	70.00	20.15
	25	35.00	8.19	44.20	10.86	54.10	14.48	58.20	16.26	62.90	18.21	66.90	19.99	70.00	21.46
	27	35.00	8.95	44.20	11.94	54.10	15.63	58.20	17.34	62.90	19.42	66.90	21.30	70.00	22.86
	29	35.00	9.80	44.20	12.81	54.10	16.67	58.20	18.50	62.90	20.70	66.90	22.71	70.00	24.37
	31	35.00	10.43	44.20	13.66	54.10	17.79	58.20	19.73	62.90	22.07	66.90	24.21	70.00	25.98
	33	35.00	11.11	44.20	14.58	54.10	18.98	58.20	21.05	62.90	23.54	66.90	25.83	70.00	27.72
	35	35.00	11.85	44.20	15.56	54.10	20.25	58.20	22.45	62.90	25.12	66.90	27.57	70.00	29.61
	37	35.00	12.64	44.20	16.60	54.10	21.60	58.20	23.96	62.90	26.82	66.90	29.46	70.00	31.67
	39	35.00	13.49	44.20	17.72	54.10	23.05	58.20	25.58	62.90	28.66	66.90	31.53	70.00	33.95
	41	35.00	14.41	44.20	18.91	54.10	24.61	58.20	27.33	62.90	30.67	66.90	33.81	70.00	36.41
	43	35.00	15.39	44.20	20.18	54.10	26.29	58.20	29.23	62.90	32.88	66.90	36.34	70.00	38.74
	46	35.00	16.98	44.20	22.25	54.10	29.07	58.20	32.42	62.90	36.66	65.80	39.53	65.80	39.54
	48	35.00	18.13	44.20	23.76	54.10	31.13	58.20	34.83	60.40	36.95	60.30	36.89	60.30	36.88
	50	35.00	19.35	44.20	25.37	54.10	33.41	54.90	33.39	55.20	32.68	55.20	32.02	55.10	31.51
	52	35.00	20.66	44.20	27.12	44.90	26.30	45.10	25.87	45.40	25.41	45.60	24.99	45.70	24.66
70	10	30.60	3.92	38.70	4.94	47.30	5.93	50.90	6.45	55.00	7.13	58.50	7.80	61.30	8.37
	12	30.60	4.52	38.70	5.31	47.30	6.47	50.90	7.08	55.00	7.86	58.50	8.61	61.30	9.25
	14	30.60	4.79	38.70	5.73	47.30	7.08	50.90	7.78	55.00	8.67	58.50	9.51	61.30	10.24
	16	30.60	5.10	38.70	6.20	47.30	7.77	50.90	8.56	55.00	9.57	58.50	10.51	61.30	11.32
	18	30.60	5.46	38.70	6.74	47.30	8.53	50.90	9.43	55.00	10.56	58.50	11.61	61.30	12.51
	20	30.60	5.86	38.70	7.34	47.30	9.38	50.90	10.39	55.00	11.65	58.50	12.82	61.30	13.81
	21	30.60	6.09	38.70	7.67	47.30	9.83	50.90	10.91	55.00	12.24	58.50	13.47	61.30	14.51
	23	30.60	6.58	38.70	8.38	47.30	10.82	50.90	12.02	55.00	13.50	58.50	14.87	61.30	16.01
	25	30.60	7.13	38.70	9.18	47.30	11.91	50.90	13.25	55.00	14.88	58.50	16.38	61.30	17.51
	27	30.60	7.76	38.70	10.06	47.30	13.09	50.90	14.42	55.00	16.02	58.50	17.47	61.30	18.67
	29	30.60	8.47	38.70	10.93	47.30	13.96	50.90	15.38	55.00	17.09	58.50	18.64	61.30	19.91
	31	30.60	9.08	38.70	11.65	47.30	14.89	50.90	16.41	55.00	18.23	58.50	19.88	61.30	21.23
	33	30.60	9.66	38.70	12.42	47.30	15.89	50.90	17.51	55.00	19.45	58.50	21.21	61.30	22.65
	35	30.60	10.29	38.70	13.26	47.30	16.96	50.90	18.69	55.00	20.75	58.50	22.62	61.30	24.16
	37	30.60	10.97	38.70	14.15	47.30	18.10	50.90	19.94	55.00	22.14	58.50	24.14	61.30	25.79
	39	30.60	11.71	38.70	15.10	47.30	19.31	50.90	21.27	55.00	23.63	58.50	25.77	61.30	27.55
	41	30.60	12.50	38.70	16.12	47.30	20.61	50.90	22.70	55.00	25.23	58.50	27.54	61.30	29.46

10. ARUM260LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	30.60	13.36	38.70	17.21	47.30	21.99	50.90	24.24	55.00	26.95	58.50	29.46	61.30	31.55
	46	30.60	14.75	38.70	18.98	47.30	24.26	50.90	26.76	55.00	29.82	58.50	32.68	61.30	35.10
	48	30.60	15.76	38.70	20.26	47.30	25.91	50.90	28.62	55.00	31.96	58.50	35.12	60.40	36.93
	50	30.60	16.84	38.70	21.62	47.30	27.70	50.90	30.65	54.70	33.89	54.90	33.25	55.10	32.75
	52	30.60	17.99	38.70	23.08	44.60	26.99	44.80	26.53	45.10	26.05	45.30	25.62	45.40	25.28
60	10	26.20	3.24	33.10	4.40	40.50	5.12	43.70	5.47	47.20	5.91	50.20	6.34	52.50	6.70
	12	26.20	4.19	33.10	4.74	40.50	5.53	43.70	5.94	47.20	6.45	50.20	6.95	52.50	7.37
	14	26.20	4.40	33.10	5.06	40.50	5.99	43.70	6.46	47.20	7.06	50.20	7.63	52.50	8.11
	16	26.20	4.63	33.10	5.41	40.50	6.51	43.70	7.06	47.20	7.74	50.20	8.39	52.50	8.93
	18	26.20	4.90	33.10	5.82	40.50	7.09	43.70	7.72	47.20	8.50	50.20	9.23	52.50	9.85
	20	26.20	5.21	33.10	6.29	40.50	7.74	43.70	8.46	47.20	9.34	50.20	10.17	52.50	10.86
	21	26.20	5.39	33.10	6.54	40.50	8.10	43.70	8.86	47.20	9.80	50.20	10.67	52.50	11.40
	23	26.20	5.77	33.10	7.10	40.50	8.87	43.70	9.73	47.20	10.78	50.20	11.76	52.50	12.57
	25	26.20	6.21	33.10	7.72	40.50	9.72	43.70	10.69	47.20	11.87	50.20	12.95	52.50	13.85
	27	26.20	6.71	33.10	8.43	40.50	10.68	43.70	11.75	47.20	13.04	50.20	14.13	52.50	15.02
	29	26.20	7.28	33.10	9.22	40.50	11.55	43.70	12.63	47.20	13.91	50.20	15.07	52.50	16.02
	31	26.20	7.86	33.10	9.84	40.50	12.32	43.70	13.47	47.20	14.84	50.20	16.08	52.50	17.09
	33	26.20	8.34	33.10	10.48	40.50	13.14	43.70	14.37	47.20	15.84	50.20	17.16	52.50	18.24
	35	26.20	8.86	33.10	11.17	40.50	14.02	43.70	15.34	47.20	16.90	50.20	18.31	52.50	19.46
	37	26.20	9.44	33.10	11.92	40.50	14.96	43.70	16.37	47.20	18.04	50.20	19.54	52.50	20.76
	39	26.20	10.06	33.10	12.72	40.50	15.97	43.70	17.47	47.20	19.25	50.20	20.85	52.50	22.15
	41	26.20	10.75	33.10	13.58	40.50	17.04	43.70	18.64	47.20	20.54	50.20	22.25	52.50	23.65
	43	26.20	11.48	33.10	14.50	40.50	18.19	43.70	19.89	47.20	21.92	50.20	23.75	52.50	25.25
	46	26.20	12.69	33.10	16.01	40.50	20.06	43.70	21.93	47.20	24.18	50.20	26.21	52.50	27.90
	48	26.20	13.57	33.10	17.10	40.50	21.41	43.70	23.42	47.20	25.82	50.20	28.02	52.50	29.86
	50	26.20	14.51	33.10	18.26	40.50	22.86	43.70	25.01	47.20	27.60	50.20	30.00	52.50	32.00
	52	26.20	15.52	33.10	19.50	40.50	24.41	43.70	26.72	44.70	26.94	44.90	26.50	45.00	26.16
50	10	21.90	2.51	27.60	3.44	33.80	4.52	36.40	4.73	39.30	5.00	41.80	5.26	43.80	5.48
	12	21.90	3.70	27.60	4.29	33.80	4.80	36.40	5.06	39.30	5.38	41.80	5.69	43.80	5.95
	14	21.90	3.87	27.60	4.51	33.80	5.13	36.40	5.43	39.30	5.82	41.80	6.17	43.80	6.48
	16	21.90	4.06	27.60	4.77	33.80	5.50	36.40	5.86	39.30	6.31	41.80	6.72	43.80	7.07
	18	21.90	4.27	27.60	5.07	33.80	5.92	36.40	6.34	39.30	6.86	41.80	7.34	43.80	7.74
	20	21.90	4.53	27.60	5.41	33.80	6.40	36.40	6.88	39.30	7.48	41.80	8.02	43.80	8.48
	21	21.90	4.66	27.60	5.59	33.80	6.66	36.40	7.18	39.30	7.81	41.80	8.40	43.80	8.88
	23	21.90	4.97	27.60	6.01	33.80	7.24	36.40	7.83	39.30	8.55	41.80	9.21	43.80	9.75
	25	21.90	5.32	27.60	6.49	33.80	7.88	36.40	8.55	39.30	9.36	41.80	10.10	43.80	10.72
	27	21.90	5.72	27.60	7.03	33.80	8.61	36.40	9.36	39.30	10.27	41.80	11.10	43.80	11.79
	29	21.90	6.18	27.60	7.63	33.80	9.42	36.40	10.22	39.30	11.15	41.80	11.98	43.80	12.66
	31	21.90	6.69	27.60	8.23	33.80	10.04	36.40	10.88	39.30	11.88	41.80	12.77	43.80	13.50
	33	21.90	7.10	27.60	8.74	33.80	10.70	36.40	11.60	39.30	12.67	41.80	13.63	43.80	14.41
	35	21.90	7.53	27.60	9.29	33.80	11.40	36.40	12.37	39.30	13.52	41.80	14.54	43.80	15.37
	37	21.90	8.01	27.60	9.90	33.80	12.17	36.40	13.20	39.30	14.43	41.80	15.52	43.80	16.41
	39	21.90	8.55	27.60	10.56	33.80	12.99	36.40	14.09	39.30	15.40	41.80	16.56	43.80	17.51
	41	21.90	9.13	27.60	11.28	33.80	13.87	36.40	15.05	39.30	16.44	41.80	17.68	43.80	18.69
	43	21.90	9.75	27.60	12.05	33.80	14.81	36.40	16.07	39.30	17.55	41.80	18.87	43.80	19.94
	46	21.90	10.79	27.60	13.32	33.80	16.35	36.40	17.72	39.30	19.35	41.80	20.80	43.80	21.99
	48	21.90	11.55	27.60	14.24	33.80	17.46	36.40	18.92	39.30	20.65	41.80	22.21	43.80	23.47
	50	21.90	12.36	27.60	15.22	33.80	18.64	36.40	20.20	39.30	22.05	41.80	23.71	43.80	25.07
	52	21.90	13.24	27.60	16.27	33.80	19.90	36.40	21.56	39.30	23.54	41.80	25.32	43.80	26.79

10. ARUM260LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

10. ARUM260LTE6

10.7.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	15.50	1.40	24.80	2.24	35.20	3.19	37.70	3.44	40.20	3.70	42.80	3.97	45.50	4.29
	12	15.50	1.40	24.80	2.24	35.20	3.21	37.70	3.46	40.20	3.73	42.80	4.01	45.50	4.35
	14	15.50	1.41	24.80	2.26	35.20	3.25	37.70	3.51	40.20	3.79	42.80	4.08	45.50	4.44
	16	15.50	1.42	24.80	2.28	35.20	3.32	37.70	3.60	40.20	3.90	42.80	4.21	45.50	4.63
	18	15.50	1.43	24.80	2.34	35.20	3.48	37.70	3.79	40.20	4.14	42.80	4.51	45.50	5.06
	20	15.50	1.47	24.80	2.47	35.20	3.89	37.70	4.31	40.20	4.78	42.80	5.30	45.50	5.92
	21	17.50	1.81	26.80	3.10	37.10	4.97	39.50	5.30	42.00	5.66	44.40	6.03	47.00	6.60
	23	21.60	3.69	30.80	4.75	41.00	6.31	43.30	6.72	45.60	7.16	47.70	7.57	50.00	8.25
	25	25.80	4.72	34.80	6.05	44.90	8.09	47.10	8.59	49.40	9.14	51.10	9.58	53.10	10.38
	27	30.20	6.12	39.00	7.83	49.00	10.41	51.10	10.97	53.20	11.57	54.60	11.97	59.40	13.79
	29	34.60	8.03	43.20	10.02	53.20	12.94	55.10	13.57	57.10	14.26	60.60	15.48	70.30	19.80
	31	39.10	10.23	47.60	12.57	57.40	16.08	59.20	16.79	64.40	18.90	71.70	22.24	81.10	27.94
	33	43.80	13.02	52.10	15.76	61.80	19.95	68.00	22.97	75.70	27.14	82.80	31.46	91.90	36.89
	35	48.60	16.55	56.70	19.75	72.50	28.39	79.30	32.94	87.00	36.96	93.80	40.52	100.9	45.14
	37	48.60	17.67	56.70	21.09	72.50	30.36	79.30	35.11	87.00	39.27	93.80	43.19	94.50	44.47
	39	48.60	18.87	56.70	22.51	72.50	32.52	79.30	37.29	87.00	41.84	89.20	43.20	88.10	43.46
	41	48.60	20.15	56.70	24.04	72.50	34.90	79.30	39.69	82.90	41.97	82.80	41.93	81.80	42.21
	43	48.60	21.51	56.70	25.68	72.50	37.55	76.70	40.55	76.60	40.53	76.60	40.53	75.80	40.86
	46	48.60	23.74	56.70	28.38	68.00	37.65	68.00	37.64	67.90	37.60	67.90	37.64	67.10	38.13
	48	48.60	25.36	56.70	30.38	62.40	35.16	62.30	35.15	62.40	35.19	62.30	35.13	61.50	35.64
	50	48.60	27.10	55.40	31.13	56.20	29.26	56.40	28.92	56.60	28.53	56.70	28.31	55.40	28.33
	52	45.10	25.61	45.80	23.92	46.50	22.64	46.60	22.37	46.80	22.09	47.00	21.82	47.10	21.91
120	10	14.30	1.29	22.90	2.06	32.50	2.94	34.80	3.15	37.10	3.37	39.50	3.62	42.00	3.92
	12	14.30	1.30	22.90	2.07	32.50	2.96	34.80	3.17	37.10	3.40	39.50	3.66	42.00	3.96
	14	14.30	1.30	22.90	2.08	32.50	2.99	34.80	3.21	37.10	3.45	39.50	3.71	42.00	4.04
	16	14.30	1.31	22.90	2.10	32.50	3.04	34.80	3.28	37.10	3.53	39.50	3.81	42.00	4.18
	18	14.30	1.32	22.90	2.14	32.50	3.16	34.80	3.43	37.10	3.72	39.50	4.04	42.00	4.51
	20	14.30	1.35	22.90	2.25	32.50	3.48	34.80	3.83	37.10	4.21	39.50	4.64	42.00	5.41
	21	16.20	1.64	24.70	2.76	34.20	4.62	36.50	4.89	38.70	5.20	41.00	5.51	43.40	6.01
	23	20.00	3.50	28.40	4.44	37.80	5.78	39.90	6.13	42.10	6.51	44.10	6.86	46.20	7.44
	25	23.90	4.42	32.10	5.59	41.50	7.34	43.50	7.77	45.60	8.23	47.20	8.61	49.00	9.29
	27	27.80	5.68	36.00	7.16	45.20	9.39	47.10	9.91	49.10	10.45	50.40	10.80	54.80	12.36
	29	31.90	7.38	39.90	9.15	49.10	11.68	50.90	12.22	52.80	12.81	56.00	13.86	64.90	17.55
	31	36.10	9.37	43.90	11.40	53.00	14.43	54.70	15.04	59.40	16.86	66.20	19.71	74.90	24.52
	33	40.40	11.84	48.10	14.22	57.00	17.83	62.80	20.41	69.90	23.94	76.40	27.55	84.90	33.48
	35	44.90	14.96	52.30	17.72	66.90	25.09	73.20	28.87	80.30	33.58	86.60	36.75	94.90	41.83
	37	44.90	15.98	52.30	18.93	66.90	26.80	73.20	30.88	80.30	35.62	86.60	39.04	94.40	44.41
	39	44.90	17.07	52.30	20.21	66.90	28.65	73.20	33.09	80.30	37.84	86.60	41.58	88.10	43.44
	41	44.90	18.22	52.30	21.57	66.90	30.66	73.20	35.52	80.30	40.29	82.90	41.97	81.90	42.22
	43	44.90	19.46	52.30	23.03	66.90	32.86	73.20	38.25	76.70	40.53	76.70	40.54	75.70	40.85
	46	44.90	21.47	52.30	25.42	66.90	36.62	67.90	37.59	67.90	37.62	67.90	37.61	67.10	38.12
	48	44.90	22.92	52.30	27.17	62.50	35.24	62.40	35.23	62.40	35.19	62.30	35.16	61.60	35.69
	50	44.90	24.48	52.30	29.06	55.80	30.14	56.00	29.80	56.20	29.24	56.50	28.70	56.30	28.67
	52	44.80	26.15	45.50	24.43	46.20	23.13	46.40	22.86	46.50	22.58	46.70	22.35	46.70	22.49
110	10	13.10	1.19	21.00	1.89	29.80	2.69	31.90	2.88	34.00	3.08	36.20	3.28	38.50	3.55
	12	13.10	1.19	21.00	1.89	29.80	2.70	31.90	2.90	34.00	3.10	36.20	3.31	38.50	3.59
	14	13.10	1.19	21.00	1.90	29.80	2.72	31.90	2.93	34.00	3.13	36.20	3.35	38.50	3.64
	16	13.10	1.20	21.00	1.92	29.80	2.77	31.90	2.98	34.00	3.20	36.20	3.43	38.50	3.75
	18	13.10	1.21	21.00	1.95	29.80	2.86	31.90	3.09	34.00	3.34	36.20	3.60	38.50	4.00

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	13.10	1.23	21.00	2.03	29.80	3.10	31.90	3.39	34.00	3.70	36.20	4.05	38.50	4.70
	21	14.80	1.48	22.70	2.44	31.40	3.99	33.40	4.45	35.50	4.77	37.60	5.04	39.70	5.46
	23	18.30	3.31	26.00	4.14	34.70	5.29	36.60	5.59	38.60	5.91	40.40	6.21	42.30	6.70
	25	21.90	4.14	29.50	5.16	38.00	6.65	39.90	7.01	41.80	7.40	43.30	7.72	45.00	8.29
	27	25.50	5.26	33.00	6.53	41.50	8.43	43.20	8.86	45.00	9.34	46.20	9.66	50.30	11.04
	29	29.30	6.76	36.60	8.33	45.00	10.50	46.60	10.96	48.40	11.47	51.30	12.36	59.50	15.49
	31	33.10	8.56	40.30	10.30	48.60	12.90	50.10	13.42	54.50	14.96	60.70	17.37	68.60	21.42
	33	37.10	10.73	44.00	12.77	52.30	15.86	57.60	18.05	64.10	21.02	70.00	24.02	77.80	29.26
	35	41.10	13.47	47.90	15.83	61.30	22.08	67.10	25.22	73.60	29.10	79.40	32.96	87.00	37.66
	37	41.10	14.39	47.90	16.91	61.30	23.57	67.10	26.94	73.60	31.13	79.40	35.12	87.00	40.03
	39	41.10	15.37	47.90	18.06	61.30	25.17	67.10	28.81	73.60	33.36	79.40	37.31	87.00	42.69
	41	41.10	16.41	47.90	19.28	61.30	26.90	67.10	30.83	73.60	35.83	79.40	39.70	81.80	42.19
	43	41.10	17.53	47.90	20.58	61.30	28.76	67.10	33.05	73.60	38.51	76.80	40.61	75.80	40.85
	46	41.10	19.34	47.90	22.71	61.30	31.88	67.10	36.84	67.90	37.58	68.00	37.65	67.10	38.19
	48	41.10	20.65	47.90	24.25	61.30	34.22	62.40	35.18	62.30	35.15	62.40	35.20	61.60	35.68
	50	41.10	22.05	47.90	25.90	55.50	30.80	55.80	30.24	56.00	29.65	56.30	29.10	56.30	29.09
	52	41.10	23.55	45.20	25.04	45.90	23.71	46.00	23.46	46.20	23.18	46.30	22.99	46.30	23.20
100	10	11.90	1.08	19.10	1.72	27.10	2.44	29.00	2.61	30.90	2.79	32.90	2.98	35.00	3.20
	12	11.90	1.08	19.10	1.72	27.10	2.45	29.00	2.63	30.90	2.81	32.90	2.99	35.00	3.22
	14	11.90	1.08	19.10	1.73	27.10	2.47	29.00	2.65	30.90	2.83	32.90	3.02	35.00	3.26
	16	11.90	1.09	19.10	1.74	27.10	2.50	29.00	2.69	30.90	2.88	32.90	3.08	35.00	3.35
	18	11.90	1.09	19.10	1.76	27.10	2.57	29.00	2.77	30.90	2.98	32.90	3.21	35.00	3.53
	20	11.90	1.11	19.10	1.82	27.10	2.75	29.00	2.99	30.90	3.25	32.90	3.54	35.00	4.04
	21	13.50	1.32	20.60	2.15	28.50	3.42	30.40	3.78	32.30	4.18	34.20	4.60	36.10	4.96
	23	16.60	3.13	23.70	3.86	31.50	4.85	33.30	5.09	35.10	5.36	36.70	5.61	38.50	6.03
	25	19.90	3.86	26.80	4.76	34.60	6.01	36.20	6.31	38.00	6.64	39.30	6.90	40.90	7.39
	27	23.20	4.85	30.00	5.95	37.70	7.54	39.30	7.90	40.90	8.30	42.00	8.57	45.70	9.76
	29	26.60	6.18	33.20	7.52	40.90	9.40	42.40	9.79	44.00	10.22	46.60	10.97	54.00	13.59
	31	30.10	7.80	36.60	9.28	44.20	11.48	45.60	11.91	49.50	13.21	55.20	15.23	62.40	18.60
	33	33.70	9.69	40.00	11.42	47.50	14.03	52.30	15.87	58.20	18.35	63.70	20.83	70.70	25.13
	35	37.40	12.07	43.60	14.07	55.80	19.32	61.00	21.93	66.90	25.10	72.20	28.19	79.10	33.64
	37	37.40	12.89	43.60	15.03	55.80	20.62	61.00	23.41	66.90	26.81	72.20	30.15	79.10	35.68
	39	37.40	13.77	43.60	16.05	55.80	22.02	61.00	25.00	66.90	28.66	72.20	32.28	79.10	37.91
	41	37.40	14.71	43.60	17.15	55.80	23.51	61.00	26.71	66.90	30.67	72.20	34.64	79.10	40.36
	43	37.40	15.72	43.60	18.31	55.80	25.11	61.00	28.56	66.90	32.88	72.20	37.26	75.90	40.90
	46	37.40	17.36	43.60	20.20	55.80	27.74	61.00	31.65	66.90	36.64	68.00	37.62	67.20	38.20
	48	37.40	18.54	43.60	21.56	55.80	29.68	61.00	33.96	62.40	35.16	62.40	35.20	61.60	35.71
	50	37.40	19.79	43.60	23.02	55.30	31.35	55.50	30.77	55.80	30.16	56.10	29.60	56.30	29.61
	52	37.40	21.14	43.60	24.58	45.50	24.44	45.70	24.19	45.80	23.92	46.00	23.51	46.20	23.52
90	10	10.70	0.97	17.20	1.54	24.40	2.19	26.10	2.35	27.80	2.51	29.60	2.67	31.50	2.87
	12	10.70	0.97	17.20	1.55	24.40	2.20	26.10	2.36	27.80	2.52	29.60	2.69	31.50	2.89
	14	10.70	0.97	17.20	1.55	24.40	2.21	26.10	2.37	27.80	2.54	29.60	2.71	31.50	2.92
	16	10.70	0.98	17.20	1.56	24.40	2.24	26.10	2.40	27.80	2.57	29.60	2.75	31.50	2.98
	18	10.70	0.98	17.20	1.58	24.40	2.29	26.10	2.46	27.80	2.65	29.60	2.84	31.50	3.11
	20	10.70	1.00	17.20	1.62	24.40	2.41	26.10	2.62	27.80	2.84	29.60	3.08	31.50	3.47
	21	12.10	1.17	18.50	1.88	25.70	2.91	27.40	3.20	29.10	3.51	30.70	3.85	32.50	4.51
	23	15.00	2.95	21.30	3.58	28.40	4.44	30.00	4.64	31.60	4.86	33.00	5.06	34.60	5.41
	25	17.90	3.60	24.10	4.37	31.10	5.43	32.60	5.67	34.20	5.94	35.40	6.16	36.80	6.57
	27	20.90	4.46	27.00	5.40	33.90	6.73	35.30	7.02	36.80	7.35	37.80	7.57	41.10	8.55
	29	23.90	5.61	29.90	6.75	36.80	8.38	38.10	8.71	39.60	9.06	42.00	9.69	48.60	11.86
	31	27.10	7.09	32.90	8.32	39.80	10.16	41.00	10.52	44.60	11.60	49.70	13.26	56.20	16.03

10. ARUM260LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	30.30	8.71	36.00	10.16	42.80	12.33	47.10	13.86	52.40	15.90	57.30	17.94	63.70	21.44
	35	33.60	10.76	39.20	12.43	50.20	16.79	54.90	18.93	60.20	21.51	64.90	24.00	71.10	28.44
	37	33.60	11.49	39.20	13.28	50.20	17.92	54.90	20.21	60.20	22.97	64.90	25.63	71.10	30.42
	39	33.60	12.27	39.20	14.19	50.20	19.14	54.90	21.58	60.20	24.53	64.90	27.38	71.10	32.58
	41	33.60	13.12	39.20	15.16	50.20	20.43	54.90	23.04	60.20	26.20	64.90	29.29	71.10	34.97
	43	33.60	14.02	39.20	16.19	50.20	21.82	54.90	24.60	60.20	28.01	64.90	31.36	71.10	37.64
	46	33.60	15.49	39.20	17.87	50.20	24.07	54.90	27.18	60.20	31.02	64.90	34.87	67.20	38.19
	48	33.60	16.55	39.20	19.09	50.20	25.71	54.90	29.07	60.20	33.27	62.40	35.17	61.70	35.71
	50	33.60	17.69	39.20	20.38	50.20	27.48	54.90	31.13	55.50	30.80	55.80	30.23	56.00	30.25
	52	33.60	18.89	39.20	21.76	45.20	25.09	45.40	24.69	45.60	24.26	45.80	23.86	46.00	23.86
80	10	9.50	0.86	15.30	1.37	21.70	1.95	23.20	2.09	24.70	2.22	26.30	2.37	28.00	2.55
	12	9.50	0.86	15.30	1.37	21.70	1.95	23.20	2.09	24.70	2.23	26.30	2.38	28.00	2.56
	14	9.50	0.86	15.30	1.38	21.70	1.96	23.20	2.10	24.70	2.25	26.30	2.40	28.00	2.58
	16	9.50	0.87	15.30	1.38	21.70	1.98	23.20	2.12	24.70	2.27	26.30	2.43	28.00	2.62
	18	9.50	0.87	15.30	1.40	21.70	2.01	23.20	2.17	24.70	2.32	26.30	2.49	28.00	2.71
	20	9.50	0.88	15.30	1.43	21.70	2.10	23.20	2.27	24.70	2.46	26.30	2.65	28.00	2.96
	21	10.80	1.03	16.50	1.63	22.80	2.46	24.30	2.69	25.80	2.93	27.30	3.19	28.90	3.77
	23	13.30	2.78	18.90	3.32	25.20	4.04	26.60	4.22	28.10	4.40	29.40	4.57	30.80	4.85
	25	15.90	3.34	21.40	4.00	27.60	4.89	29.00	5.09	30.40	5.31	31.50	5.48	32.70	5.82
	27	18.60	4.08	24.00	4.88	30.10	5.98	31.40	6.22	32.70	6.49	33.60	6.66	36.60	7.46
	29	21.30	5.08	26.60	6.04	32.70	7.39	33.90	7.68	35.20	7.99	37.30	8.51	43.20	10.28
	31	24.10	6.38	29.30	7.43	35.30	8.94	36.40	9.24	39.60	10.12	44.10	11.47	49.90	13.71
	33	27.00	7.80	32.00	8.99	38.00	10.77	41.90	12.02	46.60	13.68	50.90	15.32	56.60	18.13
	35	29.90	9.54	34.90	10.91	44.60	14.47	48.80	16.21	53.50	18.28	57.70	20.26	63.20	23.77
	37	29.90	10.18	34.90	11.65	44.60	15.46	48.80	17.31	53.50	19.52	57.70	21.64	63.20	25.39
	39	29.90	10.87	34.90	12.45	44.60	16.51	48.80	18.48	53.50	20.84	57.70	23.10	63.20	27.13
	41	29.90	11.62	34.90	13.31	44.60	17.63	48.80	19.73	53.50	22.25	57.70	24.67	63.20	29.01
	43	29.90	12.42	34.90	14.22	44.60	18.83	48.80	21.07	53.50	23.76	57.70	26.36	63.20	31.06
	46	29.90	13.74	34.90	15.71	44.60	20.77	48.80	23.24	53.50	26.23	57.70	29.15	63.20	34.53
	48	29.90	14.69	34.90	16.79	44.60	22.17	48.80	24.82	53.50	28.05	57.70	31.21	61.70	35.69
	50	29.90	15.71	34.90	17.94	44.60	23.67	48.80	26.52	53.50	30.01	55.40	31.06	55.60	31.08
	52	29.90	16.79	34.90	19.16	44.60	25.28	45.20	25.16	45.40	24.72	45.60	24.31	45.70	24.32
70	10	8.30	0.75	13.40	1.20	18.90	1.70	20.30	1.82	21.60	1.94	23.00	2.07	24.50	2.22
	12	8.30	0.75	13.40	1.20	18.90	1.71	20.30	1.83	21.60	1.95	23.00	2.08	24.50	2.23
	14	8.30	0.76	13.40	1.20	18.90	1.71	20.30	1.83	21.60	1.96	23.00	2.09	24.50	2.25
	16	8.30	0.76	13.40	1.21	18.90	1.72	20.30	1.85	21.60	1.98	23.00	2.11	24.50	2.27
	18	8.30	0.76	13.40	1.22	18.90	1.75	20.30	1.88	21.60	2.01	23.00	2.15	24.50	2.33
	20	8.30	0.77	13.40	1.24	18.90	1.81	20.30	1.95	21.60	2.10	23.00	2.26	24.50	2.49
	21	9.40	0.89	14.40	1.39	20.00	2.06	21.30	2.24	22.60	2.43	23.90	2.63	25.30	3.03
	23	11.60	2.62	16.60	3.07	22.10	3.67	23.30	3.82	24.60	3.97	25.70	4.10	26.90	4.34
	25	13.90	3.09	18.70	3.64	24.20	4.38	25.40	4.55	26.60	4.73	27.50	4.87	28.60	5.14
	27	16.20	3.72	21.00	4.39	26.40	5.29	27.50	5.49	28.70	5.70	29.40	5.84	32.00	6.48
	29	18.60	4.56	23.30	5.36	28.60	6.47	29.70	6.70	30.80	6.95	32.60	7.38	37.80	8.85
	31	21.10	5.67	25.60	6.58	30.90	7.82	31.90	8.06	34.70	8.76	38.60	9.84	43.70	11.62
	33	23.60	6.92	28.00	7.91	33.30	9.34	36.60	10.34	40.80	11.65	44.60	12.96	49.50	15.17
	35	26.20	8.41	30.50	9.51	39.00	12.36	42.70	13.74	46.80	15.38	50.50	16.93	55.30	19.67
	37	26.20	8.96	30.50	10.15	39.00	13.20	42.70	14.67	46.80	16.42	50.50	18.08	55.30	21.00
	39	26.20	9.57	30.50	10.84	39.00	14.10	42.70	15.67	46.80	17.54	50.50	19.30	55.30	22.42
	41	26.20	10.22	30.50	11.59	39.00	15.07	42.70	16.74	46.80	18.73	50.50	20.61	55.30	23.94
	43	26.20	10.93	30.50	12.39	39.00	16.10	42.70	17.88	46.80	19.99	50.50	22.00	55.30	25.57
	46	26.20	12.10	30.50	13.70	39.00	17.77	42.70	19.73	46.80	22.06	50.50	24.28	55.30	28.27

10. ARUM260LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	26.20	12.95	30.50	14.66	39.00	18.98	42.70	21.06	46.80	23.55	50.50	25.93	55.30	30.27
	50	26.20	13.86	30.50	15.67	39.00	20.26	42.70	22.48	46.80	25.15	50.50	27.72	55.10	32.22
	52	26.20	14.83	30.50	16.75	39.00	21.63	42.70	24.01	45.10	25.33	45.30	24.91	45.40	24.93
60	10	7.20	0.65	11.50	1.03	16.20	1.46	17.40	1.56	18.50	1.66	19.70	1.77	21.00	1.90
	12	7.20	0.65	11.50	1.03	16.20	1.46	17.40	1.56	18.50	1.67	19.70	1.78	21.00	1.91
	14	7.20	0.65	11.50	1.03	16.20	1.46	17.40	1.57	18.50	1.67	19.70	1.78	21.00	1.92
	16	7.20	0.65	11.50	1.03	16.20	1.47	17.40	1.58	18.50	1.69	19.70	1.80	21.00	1.93
	18	7.20	0.65	11.50	1.04	16.20	1.49	17.40	1.60	18.50	1.71	19.70	1.82	21.00	1.97
	20	7.20	0.66	11.50	1.05	16.20	1.52	17.40	1.64	18.50	1.76	19.70	1.89	21.00	2.07
	21	8.10	0.76	12.40	1.17	17.10	1.70	18.20	1.84	19.40	1.98	20.50	2.13	21.70	2.41
	23	10.00	1.97	14.20	2.83	18.90	3.32	20.00	3.44	21.10	3.56	22.00	3.67	23.10	3.86
	25	11.90	2.85	16.10	3.30	20.70	3.90	21.70	4.04	22.80	4.18	23.60	4.30	24.50	4.52
	27	13.90	3.38	18.00	3.92	22.60	4.65	23.60	4.81	24.60	4.98	25.20	5.09	27.40	5.60
	29	16.00	4.07	19.90	4.72	24.50	5.61	25.40	5.79	26.40	5.99	28.00	6.33	32.40	7.50
	31	18.10	4.99	22.00	5.75	26.50	6.79	27.30	6.98	29.70	7.53	33.10	8.36	37.40	9.74
	33	20.20	6.06	24.00	6.88	28.50	8.04	31.40	8.81	34.90	9.83	38.20	10.83	42.40	12.53
	35	22.40	7.32	26.20	8.22	33.50	10.44	36.60	11.51	40.20	12.77	43.30	13.96	47.40	16.05
	37	22.40	7.79	26.20	8.76	33.50	11.15	36.60	12.29	40.20	13.64	43.30	14.91	47.40	17.14
	39	22.40	8.32	26.20	9.36	33.50	11.91	36.60	13.13	40.20	14.57	43.30	15.92	47.40	18.30
	41	22.40	8.89	26.20	10.00	33.50	12.73	36.60	14.03	40.20	15.57	43.30	17.01	47.40	19.54
	43	22.40	9.53	26.20	10.69	33.50	13.61	36.60	15.00	40.20	16.63	43.30	18.16	47.40	20.86
	46	22.40	10.56	26.20	11.84	33.50	15.04	36.60	16.56	40.20	18.35	43.30	20.04	47.40	23.01
	48	22.40	11.31	26.20	12.67	33.50	16.08	36.60	17.69	40.20	19.60	43.30	21.39	47.40	24.58
	50	22.40	12.12	26.20	13.57	33.50	17.18	36.60	18.90	40.20	20.92	43.30	22.84	47.40	26.26
	52	22.40	12.98	26.20	14.52	33.50	18.36	36.60	20.18	40.20	22.34	43.30	24.39	45.00	25.79
50	10	6.00	0.54	9.60	0.86	13.50	1.21	14.50	1.30	15.40	1.39	16.40	1.48	17.50	1.58
	12	6.00	0.54	9.60	0.86	13.50	1.22	14.50	1.30	15.40	1.39	16.40	1.48	17.50	1.59
	14	6.00	0.54	9.60	0.86	13.50	1.22	14.50	1.31	15.40	1.39	16.40	1.48	17.50	1.59
	16	6.00	0.54	9.60	0.86	13.50	1.22	14.50	1.31	15.40	1.40	16.40	1.49	17.50	1.60
	18	6.00	0.54	9.60	0.87	13.50	1.23	14.50	1.32	15.40	1.41	16.40	1.51	17.50	1.62
	20	6.00	0.55	9.60	0.87	13.50	1.25	14.50	1.35	15.40	1.44	16.40	1.54	17.50	1.68
	21	6.70	0.62	10.30	0.96	14.30	1.38	15.20	1.48	16.10	1.59	17.10	1.70	18.10	1.89
	23	8.30	1.35	11.80	1.99	15.80	2.99	16.60	3.08	17.50	3.18	18.40	3.26	19.20	3.42
	25	10.60	2.73	13.40	2.98	17.30	3.45	18.10	3.56	19.00	3.67	19.70	3.76	20.40	3.94
	27	11.60	3.05	15.00	3.48	18.80	4.05	19.60	4.17	20.50	4.31	21.00	4.39	22.80	4.79
	29	13.30	3.61	16.60	4.11	20.40	4.81	21.20	4.95	22.00	5.11	23.30	5.37	27.00	6.27
	31	15.10	4.34	18.30	4.94	22.10	5.78	22.80	5.94	24.80	6.39	27.60	7.04	31.20	8.07
	33	16.80	5.23	20.00	5.88	23.80	6.81	26.20	7.43	29.10	8.19	31.80	8.93	35.40	10.20
	35	18.70	6.25	21.80	6.97	27.90	8.72	30.50	9.51	33.50	10.44	36.10	11.32	39.50	12.86
	37	18.70	6.63	21.80	7.42	27.90	9.30	30.50	10.15	33.50	11.15	36.10	12.09	39.50	13.74
	39	18.70	7.05	21.80	7.91	27.90	9.93	30.50	10.84	33.50	11.92	36.10	12.92	39.50	14.68
	41	18.70	7.51	21.80	8.46	27.90	10.61	30.50	11.59	33.50	12.74	36.10	13.81	39.50	15.68
	43	18.70	8.02	21.80	9.06	27.90	11.35	30.50	12.39	33.50	13.61	36.10	14.75	39.50	16.75
	46	18.70	8.89	21.80	10.07	27.90	12.56	30.50	13.71	33.50	15.05	36.10	16.30	39.50	18.48
	48	18.70	9.55	21.80	10.83	27.90	13.44	30.50	14.66	33.50	16.08	36.10	17.41	39.50	19.74
	50	18.70	10.27	21.80	11.61	27.90	14.38	30.50	15.68	33.50	17.19	36.10	18.60	39.50	21.07
	52	18.70	11.06	21.80	12.45	27.90	15.38	30.50	16.76	33.50	18.36	36.10	19.86	39.50	22.50

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

10. ARUM260LTE6

10.7.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	45.70	25.23	45.40	25.45	45.00	25.67	44.90	25.78	44.70	25.88	44.40	26.10
	-24.8	-25	53.20	26.51	52.80	26.76	52.40	27.00	52.30	27.12	52.10	27.24	51.70	27.48
	-21.8	-22	57.90	27.25	57.50	27.51	57.10	27.77	56.90	27.90	56.70	28.02	56.30	28.27
	-19.8	-20	61.20	27.74	60.80	28.01	60.30	28.28	60.10	28.41	59.90	28.54	59.50	28.80
	-18.8	-19	62.90	27.99	62.50	28.27	62.00	28.54	61.80	28.67	61.60	28.81	61.20	29.07
	-16.7	-17	66.40	28.49	66.00	28.77	65.50	29.06	65.30	29.19	65.10	29.33	64.60	29.60
	-15	-15.9	68.50	28.78	68.10	29.07	67.60	29.36	67.40	29.50	67.10	29.64	66.70	29.92
	-13.7	-15	70.40	29.03	69.90	29.33	69.50	29.62	69.20	29.77	69.00	29.91	68.60	30.20
	-11.8	-13	74.10	29.51	73.60	29.82	73.00	30.12	72.80	30.27	72.50	30.42	72.10	30.71
	-9.8	-11	78.00	30.02	77.50	30.34	77.00	30.65	76.70	30.80	76.50	30.95	75.90	31.25
	-9.5	-10	80.00	30.26	79.40	30.58	78.90	30.90	78.60	31.06	78.30	31.21	77.80	31.51
	-8.5	-9.1	81.90	30.50	81.30	30.83	80.80	31.14	80.50	31.30	80.20	31.46	79.70	31.76
	-7	-7.6	85.10	30.89	84.50	31.23	84.00	31.55	83.70	31.71	83.40	31.87	82.80	32.18
	-5	-5.6	89.60	31.43	89.00	31.77	88.40	32.10	88.10	32.27	87.80	32.43	87.20	32.75
	-3	-3.7	94.10	31.95	93.50	32.30	92.80	32.64	92.50	32.81	92.20	32.98	91.60	33.30
	0	-0.7	101.5	32.77	100.8	33.14	100.1	33.49	99.70	33.67	99.40	33.84	93.10	31.52
	3	2.2	108.9	33.58	108.2	33.96	106.5	33.89	103.1	32.71	99.80	31.53	93.10	29.22
	5	4.1	113.9	34.11	113.1	34.49	106.5	32.23	103.1	31.11	99.80	30.00	93.10	27.82
	7	6	119.0	34.65	113.1	32.79	106.5	30.65	103.1	29.59	99.80	28.54	93.10	26.47
	9	7.9	119.8	33.15	113.1	31.09	106.5	29.06	103.1	28.06	99.80	27.07	93.10	25.12
	11	9.8	119.8	31.37	113.1	29.43	106.5	27.52	103.1	26.58	99.80	25.65	93.10	23.82
	13	11.8	119.8	29.58	113.1	27.76	106.5	25.98	103.1	25.10	99.80	24.23	93.10	22.51
	15	13.7	119.8	27.94	113.1	26.24	106.5	24.57	103.1	23.74	99.80	22.93	93.10	21.31
120	-30	-30.2	45.50	25.34	45.20	25.56	44.80	25.78	44.70	25.89	44.50	25.99	44.20	26.20
	-24.8	-25	53.00	26.66	52.60	26.91	52.20	27.15	52.00	27.26	51.90	27.38	51.50	27.62
	-21.8	-22	57.60	27.42	57.20	27.68	56.80	27.94	56.60	28.06	56.40	28.19	56.00	28.43
	-19.8	-20	60.90	27.93	60.50	28.20	60.10	28.47	59.80	28.60	59.60	28.72	59.20	28.98
	-18.8	-19	62.60	28.19	62.10	28.46	61.70	28.73	61.50	28.86	61.30	28.99	60.90	29.25
	-16.7	-17	66.10	28.71	65.60	28.99	65.20	29.27	64.90	29.40	64.70	29.54	64.30	29.81
	-15	-15.9	68.20	29.01	67.70	29.30	67.20	29.58	67.00	29.72	66.80	29.86	66.30	30.13
	-13.7	-15	70.00	29.28	69.50	29.57	69.10	29.86	68.90	30.00	68.60	30.15	68.20	30.42
	-11.8	-13	73.60	29.78	73.10	30.08	72.60	30.38	72.40	30.52	72.10	30.67	71.60	30.95
	-9.8	-11	77.60	30.32	77.00	30.63	76.50	30.93	76.20	31.08	76.00	31.23	75.50	31.52
	-9.5	-10	79.50	30.57	78.90	30.88	78.40	31.19	78.10	31.34	77.80	31.49	77.30	31.79
	-8.5	-9.1	81.30	30.82	80.80	31.14	80.20	31.45	80.00	31.60	79.70	31.75	79.10	32.05
	-7	-7.6	84.50	31.23	84.00	31.56	83.40	31.88	83.10	32.03	82.80	32.19	82.30	32.49
	-5	-5.6	89.00	31.80	88.40	32.13	87.80	32.46	87.50	32.62	87.20	32.77	86.00	32.78
	-3	-3.7	93.40	32.35	92.70	32.69	92.10	33.02	91.80	33.19	91.50	33.35	86.00	31.20
	0	-0.7	100.6	33.22	99.90	33.58	98.30	33.45	95.20	32.29	92.10	31.14	86.00	28.87
	3	2.2	107.9	34.08	104.4	33.16	98.30	31.00	95.20	29.93	92.10	28.87	86.00	26.79
	5	4.1	110.6	33.62	104.4	31.54	98.30	29.50	95.20	28.49	92.10	27.49	86.00	25.52
	7	6	110.6	31.96	104.4	30.00	98.30	28.06	95.20	27.10	92.10	26.15	86.00	24.28
	9	7.9	110.6	30.30	104.4	28.44	98.30	26.61	95.20	25.71	92.10	24.82	86.00	23.06
	11	9.8	110.6	28.69	104.4	26.94	98.30	25.23	95.20	24.38	92.10	23.54	86.00	21.88
	13	11.8	110.6	27.07	104.4	25.44	98.30	23.83	95.20	23.03	92.10	22.25	86.00	20.69

10. ARUM260LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	110.6	25.59	104.4	24.06	98.30	22.55	95.20	21.81	92.10	21.07	86.00	19.61
110	-30	-30.2	45.30	25.48	45.00	25.69	44.70	25.91	44.50	26.01	44.30	26.12	44.00	26.33
	-24.8	-25	52.70	26.84	52.30	27.08	52.00	27.31	51.80	27.43	51.60	27.55	51.20	27.78
	-21.8	-22	57.30	27.63	56.90	27.88	56.50	28.13	56.30	28.25	56.10	28.38	55.80	28.62
	-19.8	-20	60.50	28.16	60.10	28.42	59.70	28.68	59.50	28.81	59.30	28.93	58.90	29.18
	-18.8	-19	62.20	28.43	61.80	28.69	61.40	28.96	61.10	29.09	60.90	29.21	60.50	29.47
	-16.7	-17	65.60	28.97	65.20	29.24	64.80	29.52	64.50	29.65	64.30	29.78	63.90	30.04
	-15	-15.9	67.70	29.28	67.20	29.57	66.80	29.84	66.60	29.98	66.30	30.11	65.90	30.38
	-13.7	-15	69.50	29.56	69.10	29.85	68.70	30.14	68.40	30.28	68.20	30.42	67.80	30.69
	-11.8	-13	73.10	30.09	72.60	30.39	72.10	30.67	71.90	30.82	71.60	30.96	71.10	31.23
	-9.8	-11	77.00	30.65	76.40	30.96	75.90	31.25	75.70	31.40	75.40	31.54	74.90	31.83
	-9.5	-10	78.80	30.92	78.30	31.23	77.80	31.53	77.50	31.68	77.30	31.82	76.70	32.11
	-8.5	-9.1	80.70	31.18	80.10	31.49	79.60	31.80	79.30	31.95	79.10	32.09	78.50	32.38
	-7	-7.6	83.80	31.62	83.30	31.94	82.70	32.25	82.40	32.40	82.10	32.55	78.80	31.34
	-5	-5.6	88.20	32.22	87.60	32.54	87.00	32.86	86.70	33.02	84.40	32.13	78.80	29.79
	-3	-3.7	92.50	32.80	91.90	33.14	90.10	32.85	87.30	31.71	84.40	30.59	78.80	28.37
	0	-0.7	99.60	33.74	95.70	32.48	90.10	30.37	87.30	29.34	84.40	28.31	78.80	26.28
	3	2.2	101.3	32.07	95.70	30.11	90.10	28.17	87.30	27.22	84.40	26.28	78.80	24.41
	5	4.1	101.3	30.51	95.70	28.66	90.10	26.83	87.30	25.93	84.40	25.04	78.80	23.27
	7	6	101.3	29.02	95.70	27.26	90.10	25.52	87.30	24.67	84.40	23.82	78.80	22.14
	9	7.9	101.3	27.52	95.70	25.86	90.10	24.23	87.30	23.42	84.40	22.62	78.80	21.04
	11	9.8	101.3	26.08	95.70	24.52	90.10	22.98	87.30	22.23	84.40	21.47	78.80	19.98
	13	11.8	101.3	24.63	95.70	23.17	90.10	21.73	87.30	21.02	84.40	20.31	78.80	18.91
	15	13.7	101.3	23.30	95.70	21.93	90.10	20.58	87.30	19.91	84.40	19.25	78.80	17.94
100	-30	-30.2	45.10	25.64	44.70	25.85	44.40	26.06	44.30	26.16	44.10	26.27	43.80	26.47
	-24.8	-25	52.40	27.05	52.00	27.28	51.70	27.51	51.50	27.63	51.30	27.74	51.00	27.97
	-21.8	-22	56.90	27.87	56.50	28.12	56.20	28.36	56.00	28.48	55.80	28.60	55.40	28.84
	-19.8	-20	60.10	28.42	59.70	28.68	59.30	28.93	59.10	29.06	58.90	29.18	58.50	29.42
	-18.8	-19	61.80	28.70	61.30	28.96	60.90	29.22	60.70	29.35	60.50	29.47	60.10	29.72
	-16.7	-17	65.20	29.27	64.70	29.54	64.30	29.81	64.10	29.94	63.80	30.07	63.40	30.32
	-15	-15.9	67.20	29.60	66.70	29.88	66.30	30.15	66.10	30.28	65.80	30.41	65.40	30.67
	-13.7	-15	69.00	29.90	68.60	30.19	68.10	30.46	67.90	30.60	67.70	30.73	67.30	31.00
	-11.8	-13	72.50	30.46	72.00	30.74	71.50	31.02	71.30	31.16	71.00	31.30	70.60	31.56
	-9.8	-11	76.30	31.05	75.80	31.35	75.30	31.63	75.00	31.77	74.80	31.91	71.70	30.68
	-9.5	-10	78.10	31.33	77.60	31.63	77.10	31.92	76.80	32.07	76.60	32.21	71.70	29.99
	-8.5	-9.1	79.90	31.61	79.40	31.91	78.90	32.21	78.60	32.35	76.80	31.61	71.70	29.33
	-7	-7.6	83.00	32.08	82.40	32.39	81.90	32.68	79.30	31.56	76.80	30.45	71.70	28.26
	-5	-5.6	87.30	32.71	86.70	33.03	81.90	31.06	79.30	30.00	76.80	28.95	71.70	26.88
	-3	-3.7	91.50	33.34	87.00	31.61	81.90	29.58	79.30	28.57	76.80	27.58	71.70	25.62
	0	-0.7	92.10	31.14	87.00	29.24	81.90	27.38	79.30	26.46	76.80	25.55	71.70	23.75
	3	2.2	92.10	28.87	87.00	27.13	81.90	25.42	79.30	24.58	76.80	23.74	71.70	22.08
	5	4.1	92.10	27.49	87.00	25.85	81.90	24.23	79.30	23.43	76.80	22.64	71.70	21.07
	7	6	92.10	26.15	87.00	24.59	81.90	23.05	79.30	22.30	76.80	21.54	71.70	20.05
	9	7.9	92.10	24.82	87.00	23.35	81.90	21.90	79.30	21.19	76.80	20.48	71.70	19.07
	11	9.8	92.10	23.54	87.00	22.16	81.90	20.79	79.30	20.12	76.80	19.45	71.70	18.13
	13	11.8	92.10	22.25	87.00	20.95	81.90	19.67	79.30	19.04	76.80	18.41	71.70	17.17
	15	13.7	92.10	21.07	87.00	19.85	81.90	18.65	79.30	18.06	76.80	17.46	71.70	16.30

10. ARUM260LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	44.80	25.83	44.50	26.04	44.10	26.25	44.00	26.35	43.80	26.45	43.50	26.65
	-24.8	-25	52.00	27.30	51.60	27.53	51.30	27.75	51.10	27.87	50.90	27.98	50.60	28.20
	-21.8	-22	56.50	28.16	56.10	28.40	55.70	28.64	55.50	28.76	55.30	28.87	55.00	29.10
	-19.8	-20	59.60	28.74	59.20	28.99	58.80	29.24	58.60	29.36	58.40	29.48	58.00	29.71
	-18.8	-19	61.20	29.03	60.80	29.29	60.40	29.54	60.20	29.66	60.00	29.78	59.60	30.02
	-16.7	-17	64.60	29.63	64.10	29.90	63.70	30.15	63.50	30.28	63.30	30.41	62.90	30.65
	-15	-15.9	66.50	29.99	66.10	30.25	65.70	30.51	65.40	30.64	65.20	30.77	64.50	30.82
	-13.7	-15	68.40	30.31	68.00	30.58	67.50	30.85	67.30	30.98	67.10	31.12	64.50	30.01
	-11.8	-13	71.70	30.89	71.30	31.17	70.80	31.44	70.60	31.57	69.10	30.96	64.50	28.75
	-9.8	-11	75.50	31.52	75.00	31.81	73.70	31.64	71.40	30.56	69.10	29.50	64.50	27.40
	-9.5	-10	77.20	31.82	76.70	32.11	73.70	30.92	71.40	29.87	69.10	28.84	64.50	26.79
	-8.5	-9.1	79.00	32.12	78.30	32.30	73.70	30.24	71.40	29.21	69.10	28.20	64.50	26.20
	-7	-7.6	82.00	32.62	78.30	31.12	73.70	29.13	71.40	28.15	69.10	27.18	64.50	25.26
	-5	-5.6	82.90	31.49	78.30	29.58	73.70	27.71	71.40	26.78	69.10	25.86	64.50	24.04
	-3	-3.7	82.90	29.98	78.30	28.18	73.70	26.40	71.40	25.52	69.10	24.65	64.50	22.92
	0	-0.7	82.90	27.75	78.30	26.09	73.70	24.46	71.40	23.66	69.10	22.86	64.50	21.28
	3	2.2	82.90	25.76	78.30	24.24	73.70	22.74	71.40	22.00	69.10	21.27	64.50	19.81
	5	4.1	82.90	24.55	78.30	23.11	73.70	21.70	71.40	20.99	69.10	20.30	64.50	18.91
	7	6	82.90	23.36	78.30	21.99	73.70	20.65	71.40	19.98	69.10	19.32	64.50	18.01
	9	7.9	82.90	22.19	78.30	20.90	73.70	19.63	71.40	19.00	69.10	18.38	64.50	17.14
	11	9.8	82.90	21.06	78.30	19.85	73.70	18.65	71.40	18.06	69.10	17.47	64.50	16.31
	13	11.8	82.90	19.93	78.30	18.79	73.70	17.66	71.40	17.11	69.10	16.56	64.50	15.46
	15	13.7	82.90	18.89	78.30	17.82	73.70	16.76	71.40	16.24	69.10	15.72	64.50	14.69
80	-30	-30.2	44.40	26.06	44.10	26.27	43.80	26.47	43.70	26.57	43.50	26.67	43.20	26.87
	-24.8	-25	51.50	27.60	51.20	27.83	50.80	28.05	50.70	28.16	50.50	28.26	50.20	28.48
	-21.8	-22	55.90	28.51	55.60	28.75	55.20	28.98	55.00	29.09	54.80	29.20	54.50	29.43
	-19.8	-20	59.00	29.13	58.60	29.37	58.20	29.61	58.00	29.73	57.80	29.84	57.30	29.97
	-18.8	-19	60.60	29.44	60.20	29.69	59.80	29.93	59.60	30.05	59.40	30.16	57.30	29.28
	-16.7	-17	63.80	30.08	63.40	30.33	63.00	30.58	62.80	30.70	61.40	30.06	57.30	27.94
	-15	-15.9	65.80	30.45	65.30	30.71	64.90	30.96	63.50	30.30	61.40	29.25	57.30	27.19
	-13.7	-15	67.60	30.80	67.20	31.07	65.50	30.53	63.50	29.49	61.40	28.46	57.30	26.43
	-11.8	-13	70.80	31.41	69.60	31.21	65.50	29.24	63.50	28.26	61.40	27.29	57.30	25.35
	-9.8	-11	73.70	31.64	69.60	29.74	65.50	27.86	63.50	26.94	61.40	26.02	57.30	24.20
	-9.5	-10	73.70	30.92	69.60	29.07	65.50	27.24	63.50	26.34	61.40	25.44	57.30	23.66
	-8.5	-9.1	73.70	30.24	69.60	28.43	65.50	26.64	63.50	25.76	61.40	24.88	57.30	23.15
	-7	-7.6	73.70	29.13	69.60	27.39	65.50	25.68	63.50	24.83	61.40	23.99	57.30	22.33
	-5	-5.6	73.70	27.71	69.60	26.06	65.50	24.44	63.50	23.64	61.40	22.85	57.30	21.27
	-3	-3.7	73.70	26.40	69.60	24.84	65.50	23.30	63.50	22.55	61.40	21.79	57.30	20.30
	0	-0.7	73.70	24.46	69.60	23.04	65.50	21.63	63.50	20.93	61.40	20.23	57.30	18.86
	3	2.2	73.70	22.74	69.60	21.43	65.50	20.13	63.50	19.49	61.40	18.85	57.30	17.59
	5	4.1	73.70	21.70	69.60	20.45	65.50	19.22	63.50	18.61	61.40	18.00	57.30	16.80
	7	6	73.70	20.65	69.60	19.47	65.50	18.30	63.50	17.72	61.40	17.15	57.30	16.01
	9	7.9	73.70	19.63	69.60	18.52	65.50	17.41	63.50	16.87	61.40	16.33	57.30	15.25
	11	9.8	73.70	18.65	69.60	17.60	65.50	16.56	63.50	16.05	61.40	15.54	57.30	14.52
	13	11.8	73.70	17.66	69.60	16.68	65.50	15.70	63.50	15.22	61.40	14.74	57.30	13.78
	15	13.7	73.70	16.76	69.60	15.83	65.50	14.92	63.50	14.46	61.40	14.01	57.30	13.11
70	-30	-30.2	44.00	26.36	43.70	26.56	43.40	26.76	43.20	26.85	43.10	26.95	42.80	27.14

10. ARUM260LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	50.90	27.98	50.60	28.20	50.30	28.42	50.10	28.52	49.90	28.62	49.60	28.83
	-21.8	-22	55.20	28.95	54.90	29.18	54.50	29.40	54.30	29.51	53.70	29.32	50.20	27.28
	-19.8	-20	58.20	29.61	57.80	29.84	57.30	29.97	55.50	28.98	53.70	28.00	50.20	26.05
	-18.8	-19	59.80	29.94	59.40	30.18	57.30	29.28	55.50	28.32	53.70	27.36	50.20	25.46
	-16.7	-17	62.90	30.62	60.90	29.80	57.30	27.94	55.50	27.02	53.70	26.11	50.20	24.30
	-15	-15.9	64.50	30.82	60.90	28.99	57.30	27.19	55.50	26.29	53.70	25.39	50.20	23.61
	-13.7	-15	64.50	30.01	60.90	28.20	57.30	26.43	55.50	25.55	53.70	24.68	50.20	22.95
	-11.8	-13	64.50	28.75	60.90	27.05	57.30	25.35	55.50	24.50	53.70	23.67	50.20	22.02
	-9.8	-11	64.50	27.40	60.90	25.79	57.30	24.20	55.50	23.41	53.70	22.63	50.20	21.08
	-9.5	-10	64.50	26.79	60.90	25.22	57.30	23.67	55.50	22.90	53.70	22.13	50.20	20.62
	-8.5	-9.1	64.50	26.20	60.90	24.67	57.30	23.15	55.50	22.40	53.70	21.66	50.20	20.19
	-7	-7.6	64.50	25.26	60.90	23.79	57.30	22.33	55.50	21.61	53.70	20.90	50.20	19.48
	-5	-5.6	64.50	24.04	60.90	22.65	57.30	21.27	55.50	20.59	53.70	19.91	50.20	18.57
	-3	-3.7	64.50	22.93	60.90	21.60	57.30	20.30	55.50	19.65	53.70	19.01	50.20	17.74
	0	-0.7	64.50	21.28	60.90	20.06	57.30	18.86	55.50	18.27	53.70	17.68	50.20	16.51
	3	2.2	64.50	19.81	60.90	18.69	57.30	17.59	55.50	17.04	53.70	16.50	50.20	15.42
	5	4.1	64.50	18.91	60.90	17.85	57.30	16.80	55.50	16.28	53.70	15.76	50.20	14.73
	7	6	64.50	18.01	60.90	17.00	57.30	16.01	55.50	15.52	53.70	15.03	50.20	14.05
	9	7.9	64.50	17.14	60.90	16.19	57.30	15.25	55.50	14.79	53.70	14.32	50.20	13.40
	11	9.8	64.50	16.31	60.90	15.41	57.30	14.52	55.50	14.08	53.70	13.65	50.20	12.78
	13	11.8	64.50	15.46	60.90	14.62	57.30	13.78	55.50	13.37	53.70	12.96	50.20	12.14
	15	13.7	64.50	14.69	60.90	13.89	57.30	13.11	55.50	12.72	53.70	12.33	50.20	11.56
60	-30	-30.2	43.40	26.75	43.10	26.94	42.80	27.13	42.70	27.22	42.60	27.31	42.30	27.49
	-24.8	-25	50.20	28.48	49.80	28.69	49.10	28.61	47.60	27.67	46.10	26.75	43.00	24.91
	-21.8	-22	54.30	29.51	52.20	28.44	49.10	26.70	47.60	25.83	46.10	24.97	43.00	23.27
	-19.8	-20	55.30	28.84	52.20	27.16	49.10	25.50	47.60	24.67	46.10	23.85	43.00	22.23
	-18.8	-19	55.30	28.18	52.20	26.54	49.10	24.92	47.60	24.11	46.10	23.31	43.00	21.73
	-16.7	-17	55.30	26.89	52.20	25.33	49.10	23.79	47.60	23.02	46.10	22.26	43.00	20.76
	-15	-15.9	55.30	26.16	52.20	24.63	49.10	23.11	47.60	22.36	46.10	21.62	43.00	20.14
	-13.7	-15	55.30	25.42	52.20	23.93	49.10	22.46	47.60	21.73	46.10	21.01	43.00	19.58
	-11.8	-13	55.30	24.39	52.20	22.96	49.10	21.55	47.60	20.85	46.10	20.16	43.00	18.79
	-9.8	-11	55.30	23.30	52.20	21.97	49.10	20.63	47.60	19.96	46.10	19.30	43.00	17.99
	-9.5	-10	55.30	22.79	52.20	21.49	49.10	20.20	47.60	19.56	46.10	18.92	43.00	17.67
	-8.5	-9.1	55.30	22.30	52.20	21.03	49.10	19.77	47.60	19.15	46.10	18.53	43.00	17.30
	-7	-7.6	55.30	21.51	52.20	20.29	49.10	19.08	47.60	18.48	46.10	17.89	43.00	16.70
	-5	-5.6	55.30	20.49	52.20	19.34	49.10	18.19	47.60	17.62	46.10	17.06	43.00	15.94
	-3	-3.7	55.30	19.56	52.20	18.46	49.10	17.38	47.60	16.84	46.10	16.30	43.00	15.24
	0	-0.7	55.30	18.19	52.20	17.18	49.10	16.18	47.60	15.68	46.10	15.19	43.00	14.21
	3	2.2	55.30	16.96	52.20	16.03	49.10	15.11	47.60	14.65	46.10	14.20	43.00	13.29
	5	4.1	55.30	16.20	52.20	15.32	49.10	14.44	47.60	14.00	46.10	13.57	43.00	12.71
	7	6	55.30	15.45	52.20	14.61	49.10	13.78	47.60	13.37	46.10	12.96	43.00	12.14
	9	7.9	55.30	14.72	52.20	13.93	49.10	13.14	47.60	12.75	46.10	12.36	43.00	11.59
	11	9.8	55.30	14.02	52.20	13.27	49.10	12.53	47.60	12.16	46.10	11.80	43.00	11.07
	13	11.8	55.30	13.31	52.20	12.61	49.10	11.91	47.60	11.56	46.10	11.22	43.00	10.53
	15	13.7	55.30	12.66	52.20	12.00	49.10	11.34	47.60	11.02	46.10	10.69	43.00	10.04
50	-30	-30.2	42.60	27.26	42.40	27.45	40.90	26.69	39.70	25.83	38.40	24.98	35.80	23.29
	-24.8	-25	46.10	26.75	43.50	25.22	40.90	23.70	39.70	22.95	38.40	22.20	35.80	20.72

10. ARUM260LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	46.10	24.97	43.50	23.55	40.90	22.14	39.70	21.44	38.40	20.75	35.80	19.37
	-19.8	-20	46.10	23.86	43.50	22.50	40.90	21.16	39.70	20.50	38.40	19.83	35.80	18.52
	-18.8	-19	46.10	23.32	43.50	21.99	40.90	20.69	39.70	20.04	38.40	19.39	35.80	18.11
	-16.7	-17	46.10	22.26	43.50	21.01	40.90	19.76	39.70	19.15	38.40	18.53	35.80	17.31
	-15	-15.9	46.10	21.62	43.50	20.38	40.90	19.17	39.70	18.56	38.40	17.96	35.80	16.77
	-13.7	-15	46.10	21.01	43.50	19.82	40.90	18.64	39.70	18.05	38.40	17.47	35.80	16.31
	-11.8	-13	46.10	20.16	43.50	19.02	40.90	17.88	39.70	17.32	38.40	16.77	35.80	15.66
	-9.8	-11	46.10	19.30	43.50	18.21	40.90	17.13	39.70	16.59	38.40	16.06	35.80	15.01
	-9.5	-10	46.10	18.92	43.50	17.87	40.90	16.83	39.70	16.32	38.40	15.80	35.80	14.78
	-8.5	-9.1	46.10	18.53	43.50	17.50	40.90	16.49	39.70	15.98	38.40	15.48	35.80	14.48
	-7	-7.6	46.10	17.89	43.50	16.90	40.90	15.92	39.70	15.44	38.40	14.96	35.80	14.00
	-5	-5.6	46.10	17.06	43.50	16.13	40.90	15.20	39.70	14.74	38.40	14.29	35.80	13.38
	-3	-3.7	46.10	16.30	43.50	15.42	40.90	14.54	39.70	14.10	38.40	13.67	35.80	12.81
	0	-0.7	46.10	15.19	43.50	14.37	40.90	13.56	39.70	13.16	38.40	12.76	35.80	11.96
	3	2.2	46.10	14.20	43.50	13.44	40.90	12.69	39.70	12.32	38.40	11.95	35.80	11.22
	5	4.1	46.10	13.57	43.50	12.85	40.90	12.14	39.70	11.79	38.40	11.44	35.80	10.74
	7	6	46.10	12.96	43.50	12.28	40.90	11.60	39.70	11.27	38.40	10.93	35.80	10.27
	9	7.9	46.10	12.36	43.50	11.72	40.90	11.08	39.70	10.77	38.40	10.45	35.80	9.82
	11	9.8	46.10	11.80	43.50	11.19	40.90	10.58	39.70	10.29	38.40	9.99	35.80	9.39
	13	11.8	46.10	11.22	43.50	10.65	40.90	10.08	39.70	9.80	38.40	9.51	35.80	8.96
	15	13.7	46.10	10.69	43.50	10.15	40.90	9.62	39.70	9.35	38.40	9.08	35.80	8.56

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

10. ARUM260LTE6

10.7.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	45.70	25.23	45.40	25.45	45.00	25.67	44.90	25.78	44.70	25.88	44.40	26.10
	-24.8	-25	53.20	26.51	52.80	26.76	52.40	27.00	52.30	27.12	52.10	27.24	51.70	27.48
	-21.8	-22	57.90	27.25	57.50	27.51	57.10	27.77	56.90	27.90	56.70	28.02	56.30	28.27
	-19.8	-20	61.20	27.74	60.80	28.01	60.30	28.28	60.10	28.41	59.90	28.54	59.50	28.80
	-18.8	-19	62.90	27.99	62.50	28.27	62.00	28.54	61.80	28.67	61.60	28.81	61.20	29.07
	-16.7	-17	66.40	28.49	66.00	28.77	65.50	29.06	65.30	29.19	65.10	29.33	64.60	29.60
	-15	-15.9	68.50	28.78	68.10	29.07	67.60	29.36	67.40	29.50	67.10	29.64	66.70	29.92
	-13.7	-15	70.40	29.03	69.90	29.33	69.50	29.62	69.20	29.77	69.00	29.91	68.60	30.20
	-11.8	-13	74.10	29.51	73.60	29.82	73.00	30.12	72.80	30.27	72.50	30.42	72.10	30.71
	-9.8	-11	78.00	30.02	77.50	30.34	77.00	30.65	76.70	30.80	76.50	30.95	75.90	31.25
	-9.5	-10	80.00	30.26	79.40	30.58	78.90	30.90	78.60	31.06	78.30	31.21	77.80	31.51
	-8.5	-9.1	81.90	30.50	81.30	30.83	80.80	31.14	80.50	31.30	80.20	31.46	79.70	31.76
	-7	-7.6	85.10	30.89	84.50	31.23	84.00	31.55	83.70	31.71	83.40	31.87	82.80	32.18
	-5	-5.6	89.60	31.43	89.00	31.77	88.40	32.10	88.10	32.27	87.80	32.43	87.20	32.75
	-3	-3.7	94.10	31.95	93.50	32.30	92.80	32.64	92.50	32.81	92.20	32.98	91.60	33.30
	0	-0.7	101.5	32.77	100.8	33.14	100.1	33.49	99.70	33.67	99.40	33.84	93.10	31.52
	3	2.2	108.9	33.58	108.2	33.96	106.5	33.89	103.1	32.71	99.80	31.53	93.10	29.22
	5	4.1	113.4	33.86	106.7	31.61	99.90	29.40	96.60	28.31	93.20	27.24	86.40	25.11
	7	6	106.8	29.38	100.0	27.32	93.20	25.29	89.80	24.29	86.40	23.30	79.50	21.34
	9	7.9	100.0	25.21	93.10	23.34	86.30	21.49	82.80	20.58	79.30	19.68	72.40	17.90
	11	9.8	92.90	21.41	86.00	19.72	79.10	18.05	75.60	17.23	72.10	16.42	65.00	14.80
	13	11.8	85.70	17.92	78.70	16.40	71.60	14.91	68.10	14.18	64.60	13.45	57.40	12.00
	15	13.7	78.10	14.82	71.10	13.48	63.90	12.16	60.40	11.50	56.80	10.85	49.50	9.55
120	-30	-30.2	45.50	25.34	45.20	25.56	44.80	25.78	44.70	25.89	44.50	25.99	44.20	26.20
	-24.8	-25	53.00	26.66	52.60	26.91	52.20	27.15	52.00	27.26	51.90	27.38	51.50	27.62
	-21.8	-22	57.60	27.42	57.20	27.68	56.80	27.94	56.60	28.06	56.40	28.19	56.00	28.43
	-19.8	-20	60.90	27.93	60.50	28.20	60.10	28.47	59.80	28.60	59.60	28.72	59.20	28.98
	-18.8	-19	62.60	28.19	62.10	28.46	61.70	28.73	61.50	28.86	61.30	28.99	60.90	29.25
	-16.7	-17	66.10	28.71	65.60	28.99	65.20	29.27	64.90	29.40	64.70	29.54	64.30	29.81
	-15	-15.9	68.20	29.01	67.70	29.30	67.20	29.58	67.00	29.72	66.80	29.86	66.30	30.13
	-13.7	-15	70.00	29.28	69.50	29.57	69.10	29.86	68.90	30.00	68.60	30.15	68.20	30.42
	-11.8	-13	73.60	29.78	73.10	30.08	72.60	30.38	72.40	30.52	72.10	30.67	71.60	30.95
	-9.8	-11	77.60	30.32	77.00	30.63	76.50	30.93	76.20	31.08	76.00	31.23	75.50	31.52
	-9.5	-10	79.50	30.57	78.90	30.88	78.40	31.19	78.10	31.34	77.80	31.49	77.30	31.79
	-8.5	-9.1	81.30	30.82	80.80	31.14	80.20	31.45	80.00	31.60	79.70	31.75	79.10	32.05
	-7	-7.6	84.50	31.23	84.00	31.56	83.40	31.88	83.10	32.03	82.80	32.19	82.30	32.49
	-5	-5.6	89.00	31.80	88.40	32.13	87.80	32.46	87.50	32.62	87.20	32.77	86.00	32.78
	-3	-3.7	93.40	32.35	92.70	32.69	92.10	33.02	91.80	33.19	91.50	33.35	86.00	31.20
	0	-0.7	100.6	33.22	99.90	33.58	98.30	33.45	95.20	32.29	92.10	31.14	86.00	28.87
	3	2.2	107.9	34.08	104.4	33.16	98.30	31.00	95.20	29.93	92.10	28.87	86.00	26.79
	5	4.1	104.6	30.95	98.40	28.92	92.20	26.93	89.10	25.95	86.00	24.98	79.80	23.06
	7	6	98.60	26.89	92.30	25.03	86.00	23.20	82.90	22.29	79.70	21.40	73.40	19.63
	9	7.9	92.30	23.11	86.00	21.42	79.60	19.75	76.40	18.93	73.20	18.11	66.80	16.50
	11	9.8	85.80	19.66	79.40	18.13	73.00	16.63	69.80	15.88	66.50	15.14	60.00	13.68
	13	11.8	79.10	16.49	72.60	15.12	66.10	13.77	62.90	13.10	59.60	12.44	53.00	11.12

10. ARUM260LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	72.10	13.68	65.60	12.46	59.00	11.26	55.70	10.66	52.40	10.07	45.70	8.89
110	-30	-30.2	45.30	25.48	45.00	25.69	44.70	25.91	44.50	26.01	44.30	26.12	44.00	26.33
	-24.8	-25	52.70	26.84	52.30	27.08	52.00	27.31	51.80	27.43	51.60	27.55	51.20	27.78
	-21.8	-22	57.30	27.63	56.90	27.88	56.50	28.13	56.30	28.25	56.10	28.38	55.80	28.62
	-19.8	-20	60.50	28.16	60.10	28.42	59.70	28.68	59.50	28.81	59.30	28.93	58.90	29.18
	-18.8	-19	62.20	28.43	61.80	28.69	61.40	28.96	61.10	29.09	60.90	29.21	60.50	29.47
	-16.7	-17	65.60	28.97	65.20	29.24	64.80	29.52	64.50	29.65	64.30	29.78	63.90	30.04
	-15	-15.9	67.70	29.28	67.20	29.57	66.80	29.84	66.60	29.98	66.30	30.11	65.90	30.38
	-13.7	-15	69.50	29.56	69.10	29.85	68.70	30.14	68.40	30.28	68.20	30.42	67.80	30.69
	-11.8	-13	73.10	30.09	72.60	30.39	72.10	30.67	71.90	30.82	71.60	30.96	71.10	31.23
	-9.8	-11	77.00	30.65	76.40	30.96	75.90	31.25	75.70	31.40	75.40	31.54	74.90	31.83
	-9.5	-10	78.80	30.92	78.30	31.23	77.80	31.53	77.50	31.68	77.30	31.82	76.70	32.11
	-8.5	-9.1	80.70	31.18	80.10	31.49	79.60	31.80	79.30	31.95	79.10	32.09	78.50	32.38
	-7	-7.6	83.80	31.62	83.30	31.94	82.70	32.25	82.40	32.40	82.10	32.55	78.80	31.34
	-5	-5.6	88.20	32.22	87.60	32.54	87.00	32.86	86.70	33.02	84.40	32.13	78.80	29.79
	-3	-3.7	92.50	32.80	91.90	33.14	90.10	32.85	87.30	31.71	84.40	30.59	78.80	28.37
	0	-0.7	99.60	33.74	95.70	32.48	90.10	30.37	87.30	29.34	84.40	28.31	78.80	26.28
	3	2.2	101.3	32.07	95.70	30.11	90.10	28.17	87.30	27.22	84.40	26.28	78.80	24.41
	5	4.1	95.90	28.11	90.20	26.30	84.60	24.53	81.70	23.65	78.90	22.78	73.10	21.05
	7	6	90.30	24.45	84.60	22.79	78.90	21.15	76.00	20.34	73.10	19.54	67.30	17.95
	9	7.9	84.60	21.05	78.80	19.54	73.00	18.05	70.10	17.31	67.10	16.57	61.30	15.12
	11	9.8	78.60	17.95	72.80	16.58	66.90	15.23	64.00	14.56	61.00	13.89	55.00	12.57
	13	11.8	72.50	15.09	66.60	13.86	60.60	12.65	57.60	12.05	54.60	11.45	48.60	10.26
	15	13.7	66.10	12.55	60.10	11.46	54.10	10.37	51.10	9.83	48.00	9.30	41.90	8.23
100	-30	-30.2	45.10	25.64	44.70	25.85	44.40	26.06	44.30	26.16	44.10	26.27	43.80	26.47
	-24.8	-25	52.40	27.05	52.00	27.28	51.70	27.51	51.50	27.63	51.30	27.74	51.00	27.97
	-21.8	-22	56.90	27.87	56.50	28.12	56.20	28.36	56.00	28.48	55.80	28.60	55.40	28.84
	-19.8	-20	60.10	28.42	59.70	28.68	59.30	28.93	59.10	29.06	58.90	29.18	58.50	29.42
	-18.8	-19	61.80	28.70	61.30	28.96	60.90	29.22	60.70	29.35	60.50	29.47	60.10	29.72
	-16.7	-17	65.20	29.27	64.70	29.54	64.30	29.81	64.10	29.94	63.80	30.07	63.40	30.32
	-15	-15.9	67.20	29.60	66.70	29.88	66.30	30.15	66.10	30.28	65.80	30.41	65.40	30.67
	-13.7	-15	69.00	29.90	68.60	30.19	68.10	30.46	67.90	30.60	67.70	30.73	67.30	31.00
	-11.8	-13	72.50	30.46	72.00	30.74	71.50	31.02	71.30	31.16	71.00	31.30	70.60	31.56
	-9.8	-11	76.30	31.05	75.80	31.35	75.30	31.63	75.00	31.77	74.80	31.91	71.70	30.68
	-9.5	-10	78.10	31.33	77.60	31.63	77.10	31.92	76.80	32.07	76.60	32.21	71.70	29.99
	-8.5	-9.1	79.90	31.61	79.40	31.91	78.90	32.21	78.60	32.35	76.80	31.61	71.70	29.33
	-7	-7.6	83.00	32.08	82.40	32.39	81.90	32.68	79.30	31.56	76.80	30.45	71.70	28.26
	-5	-5.6	87.30	32.71	86.70	33.03	81.90	31.06	79.30	30.00	76.80	28.95	71.70	26.88
	-3	-3.7	91.50	33.34	87.00	31.61	81.90	29.58	79.30	28.57	76.80	27.58	71.70	25.62
	0	-0.7	92.10	31.14	87.00	29.24	81.90	27.38	79.30	26.46	76.80	25.55	71.70	23.75
	3	2.2	92.10	28.87	87.00	27.13	81.90	25.42	79.30	24.58	76.80	23.74	71.70	22.08
	5	4.1	87.20	25.35	82.00	23.75	76.90	22.17	74.30	21.39	71.70	20.62	66.50	19.08
	7	6	82.10	22.08	76.90	20.60	71.70	19.15	69.10	18.43	66.40	17.72	61.20	16.30
	9	7.9	76.90	19.05	71.60	17.70	66.30	16.38	63.70	15.72	61.00	15.07	55.70	13.77
	11	9.8	71.50	16.28	66.20	15.06	60.80	13.86	58.10	13.26	55.40	12.66	50.00	11.48
	13	11.8	65.90	13.72	60.50	12.63	55.10	11.54	52.40	11.01	49.70	10.47	44.10	9.41
	15	13.7	60.10	11.45	54.70	10.47	49.20	9.50	46.40	9.02	43.70	8.54	38.10	7.59

10. ARUM260LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	44.80	25.83	44.50	26.04	44.10	26.25	44.00	26.35	43.80	26.45	43.50	26.65
	-24.8	-25	52.00	27.30	51.60	27.53	51.30	27.75	51.10	27.87	50.90	27.98	50.60	28.20
	-21.8	-22	56.50	28.16	56.10	28.40	55.70	28.64	55.50	28.76	55.30	28.87	55.00	29.10
	-19.8	-20	59.60	28.74	59.20	28.99	58.80	29.24	58.60	29.36	58.40	29.48	58.00	29.71
	-18.8	-19	61.20	29.03	60.80	29.29	60.40	29.54	60.20	29.66	60.00	29.78	59.60	30.02
	-16.7	-17	64.60	29.63	64.10	29.90	63.70	30.15	63.50	30.28	63.30	30.41	62.90	30.65
	-15	-15.9	66.50	29.99	66.10	30.25	65.70	30.51	65.40	30.64	65.20	30.77	64.50	30.82
	-13.7	-15	68.40	30.31	68.00	30.58	67.50	30.85	67.30	30.98	67.10	31.12	64.50	30.01
	-11.8	-13	71.70	30.89	71.30	31.17	70.80	31.44	70.60	31.57	69.10	30.96	64.50	28.75
	-9.8	-11	75.50	31.52	75.00	31.81	73.70	31.64	71.40	30.56	69.10	29.50	64.50	27.40
	-9.5	-10	77.20	31.82	76.70	32.11	73.70	30.92	71.40	29.87	69.10	28.84	64.50	26.79
	-8.5	-9.1	79.00	32.12	78.30	32.30	73.70	30.24	71.40	29.21	69.10	28.20	64.50	26.20
	-7	-7.6	82.00	32.62	78.30	31.12	73.70	29.13	71.40	28.15	69.10	27.18	64.50	25.26
	-5	-5.6	82.90	31.49	78.30	29.58	73.70	27.71	71.40	26.78	69.10	25.86	64.50	24.04
	-3	-3.7	82.90	29.98	78.30	28.18	73.70	26.40	71.40	25.52	69.10	24.65	64.50	22.92
	0	-0.7	82.90	27.75	78.30	26.09	73.70	24.46	71.40	23.66	69.10	22.86	64.50	21.28
	3	2.2	82.90	25.76	78.30	24.24	73.70	22.74	71.40	22.00	69.10	21.27	64.50	19.81
	5	4.1	78.50	22.66	73.80	21.26	69.20	19.88	66.90	19.19	64.50	18.51	59.80	17.15
	7	6	73.90	19.77	69.20	18.47	64.50	17.20	62.20	16.56	59.80	15.93	55.10	14.69
	9	7.9	69.20	17.09	64.50	15.91	59.70	14.74	57.30	14.16	54.90	13.59	50.10	12.44
	11	9.8	64.30	14.65	59.60	13.57	54.70	12.51	52.30	11.98	49.90	11.46	45.00	10.41
	13	11.8	59.30	12.38	54.50	11.42	49.60	10.46	47.10	9.98	44.70	9.51	39.70	8.57
	15	13.7	54.10	10.37	49.20	9.50	44.30	8.65	41.80	8.22	39.30	7.80	34.30	6.95
80	-30	-30.2	44.40	26.06	44.10	26.27	43.80	26.47	43.70	26.57	43.50	26.67	43.20	26.87
	-24.8	-25	51.50	27.60	51.20	27.83	50.80	28.05	50.70	28.16	50.50	28.26	50.20	28.48
	-21.8	-22	55.90	28.51	55.60	28.75	55.20	28.98	55.00	29.09	54.80	29.20	54.50	29.43
	-19.8	-20	59.00	29.13	58.60	29.37	58.20	29.61	58.00	29.73	57.80	29.84	57.30	29.97
	-18.8	-19	60.60	29.44	60.20	29.69	59.80	29.93	59.60	30.05	59.40	30.16	57.30	29.28
	-16.7	-17	63.80	30.08	63.40	30.33	63.00	30.58	62.80	30.70	61.40	30.06	57.30	27.94
	-15	-15.9	65.80	30.45	65.30	30.71	64.90	30.96	63.50	30.30	61.40	29.25	57.30	27.19
	-13.7	-15	67.60	30.80	67.20	31.07	65.50	30.53	63.50	29.49	61.40	28.46	57.30	26.43
	-11.8	-13	70.80	31.41	69.60	31.21	65.50	29.24	63.50	28.26	61.40	27.29	57.30	25.35
	-9.8	-11	73.70	31.64	69.60	29.74	65.50	27.86	63.50	26.94	61.40	26.02	57.30	24.20
	-9.5	-10	73.70	30.92	69.60	29.07	65.50	27.24	63.50	26.34	61.40	25.44	57.30	23.66
	-8.5	-9.1	73.70	30.24	69.60	28.43	65.50	26.64	63.50	25.76	61.40	24.88	57.30	23.15
	-7	-7.6	73.70	29.13	69.60	27.39	65.50	25.68	63.50	24.83	61.40	23.99	57.30	22.33
	-5	-5.6	73.70	27.71	69.60	26.06	65.50	24.44	63.50	23.64	61.40	22.85	57.30	21.27
	-3	-3.7	73.70	26.40	69.60	24.84	65.50	23.30	63.50	22.55	61.40	21.79	57.30	20.30
	0	-0.7	73.70	24.46	69.60	23.04	65.50	21.63	63.50	20.93	61.40	20.23	57.30	18.86
	3	2.2	73.70	22.74	69.60	21.43	65.50	20.13	63.50	19.49	61.40	18.85	57.30	17.59
	5	4.1	69.80	20.05	65.60	18.83	61.50	17.63	59.40	17.03	57.30	16.44	53.20	15.26
	7	6	65.70	17.52	61.50	16.40	57.40	15.29	55.30	14.74	53.20	14.19	48.90	13.10
	9	7.9	61.50	15.18	57.30	14.16	53.10	13.14	51.00	12.64	48.80	12.14	44.50	11.14
	11	9.8	57.20	13.05	52.90	12.12	48.70	11.19	46.50	10.73	44.40	10.27	40.00	9.36
	13	11.8	52.70	11.07	48.40	10.23	44.10	9.40	41.90	8.98	39.70	8.57	35.30	7.74
	15	13.7	48.10	9.31	43.70	8.55	39.30	7.81	37.10	7.43	34.90	7.06	30.40	6.32
70	-30	-30.2	44.00	26.36	43.70	26.56	43.40	26.76	43.20	26.85	43.10	26.95	42.80	27.14

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	50.90	27.98	50.60	28.20	50.30	28.42	50.10	28.52	49.90	28.62	49.60	28.83
	-21.8	-22	55.20	28.95	54.90	29.18	54.50	29.40	54.30	29.51	53.70	29.32	50.20	27.28
	-19.8	-20	58.20	29.61	57.80	29.84	57.30	29.97	55.50	28.98	53.70	28.00	50.20	26.05
	-18.8	-19	59.80	29.94	59.40	30.18	57.30	29.28	55.50	28.32	53.70	27.36	50.20	25.46
	-16.7	-17	62.90	30.62	60.90	29.80	57.30	27.94	55.50	27.02	53.70	26.11	50.20	24.30
	-15	-15.9	64.50	30.82	60.90	28.99	57.30	27.19	55.50	26.29	53.70	25.39	50.20	23.61
	-13.7	-15	64.50	30.01	60.90	28.20	57.30	26.43	55.50	25.55	53.70	24.68	50.20	22.95
	-11.8	-13	64.50	28.75	60.90	27.05	57.30	25.35	55.50	24.50	53.70	23.67	50.20	22.02
	-9.8	-11	64.50	27.40	60.90	25.79	57.30	24.20	55.50	23.41	53.70	22.63	50.20	21.08
	-9.5	-10	64.50	26.79	60.90	25.22	57.30	23.67	55.50	22.90	53.70	22.13	50.20	20.62
	-8.5	-9.1	64.50	26.20	60.90	24.67	57.30	23.15	55.50	22.40	53.70	21.66	50.20	20.19
	-7	-7.6	64.50	25.26	60.90	23.79	57.30	22.33	55.50	21.61	53.70	20.90	50.20	19.48
	-5	-5.6	64.50	24.04	60.90	22.65	57.30	21.27	55.50	20.59	53.70	19.91	50.20	18.57
	-3	-3.7	64.50	22.93	60.90	21.60	57.30	20.30	55.50	19.65	53.70	19.01	50.20	17.74
	0	-0.7	64.50	21.28	60.90	20.06	57.30	18.86	55.50	18.27	53.70	17.68	50.20	16.51
	3	2.2	64.50	19.81	60.90	18.69	57.30	17.59	55.50	17.04	53.70	16.50	50.20	15.42
	5	4.1	61.00	17.50	57.40	16.46	53.80	15.43	52.00	14.92	50.20	14.41	46.50	13.41
	7	6	57.50	15.32	53.80	14.37	50.20	13.42	48.30	12.95	46.50	12.48	42.80	11.55
	9	7.9	53.80	13.32	50.10	12.45	46.40	11.58	44.60	11.15	42.70	10.72	39.00	9.86
	11	9.8	50.00	11.49	46.30	10.69	42.60	9.90	40.70	9.50	38.80	9.11	35.00	8.33
	13	11.8	46.10	9.79	42.40	9.07	38.60	8.35	36.70	7.99	34.80	7.64	30.90	6.93
	15	13.7	42.10	8.27	38.30	7.62	34.40	6.98	32.50	6.66	30.60	6.34	26.60	5.69
60	-30	-30.2	43.40	26.75	43.10	26.94	42.80	27.13	42.70	27.22	42.60	27.31	42.30	27.49
	-24.8	-25	50.20	28.48	49.80	28.69	49.10	28.61	47.60	27.67	46.10	26.75	43.00	24.91
	-21.8	-22	54.30	29.51	52.20	28.44	49.10	26.70	47.60	25.83	46.10	24.97	43.00	23.27
	-19.8	-20	55.30	28.84	52.20	27.16	49.10	25.50	47.60	24.67	46.10	23.85	43.00	22.23
	-18.8	-19	55.30	28.18	52.20	26.54	49.10	24.92	47.60	24.11	46.10	23.31	43.00	21.73
	-16.7	-17	55.30	26.89	52.20	25.33	49.10	23.79	47.60	23.02	46.10	22.26	43.00	20.76
	-15	-15.9	55.30	26.16	52.20	24.63	49.10	23.11	47.60	22.36	46.10	21.62	43.00	20.14
	-13.7	-15	55.30	25.42	52.20	23.93	49.10	22.46	47.60	21.73	46.10	21.01	43.00	19.58
	-11.8	-13	55.30	24.39	52.20	22.96	49.10	21.55	47.60	20.85	46.10	20.16	43.00	18.79
	-9.8	-11	55.30	23.30	52.20	21.97	49.10	20.63	47.60	19.96	46.10	19.30	43.00	17.99
	-9.5	-10	55.30	22.79	52.20	21.49	49.10	20.20	47.60	19.56	46.10	18.92	43.00	17.67
	-8.5	-9.1	55.30	22.30	52.20	21.03	49.10	19.77	47.60	19.15	46.10	18.53	43.00	17.30
	-7	-7.6	55.30	21.51	52.20	20.29	49.10	19.08	47.60	18.48	46.10	17.89	43.00	16.70
	-5	-5.6	55.30	20.49	52.20	19.34	49.10	18.19	47.60	17.62	46.10	17.06	43.00	15.94
	-3	-3.7	55.30	19.56	52.20	18.46	49.10	17.38	47.60	16.84	46.10	16.30	43.00	15.24
	0	-0.7	55.30	18.19	52.20	17.18	49.10	16.18	47.60	15.68	46.10	15.19	43.00	14.21
	3	2.2	55.30	16.96	52.20	16.03	49.10	15.11	47.60	14.65	46.10	14.20	43.00	13.29
	5	4.1	52.30	15.01	49.20	14.15	46.10	13.29	44.60	12.86	43.00	12.44	39.90	11.59
	7	6	49.30	13.19	46.20	12.39	43.00	11.60	41.40	11.21	39.90	10.81	36.70	10.03
	9	7.9	46.10	11.51	43.00	10.78	39.80	10.05	38.20	9.69	36.60	9.33	33.40	8.60
	11	9.8	42.90	9.97	39.70	9.30	36.50	8.63	34.90	8.30	33.30	7.97	30.00	7.31
	13	11.8	39.50	8.53	36.30	7.93	33.10	7.32	31.40	7.02	29.80	6.72	26.50	6.12
	15	13.7	36.00	7.25	32.80	6.70	29.50	6.16	27.90	5.89	26.20	5.62	22.80	5.08
50	-30	-30.2	42.60	27.26	42.40	27.45	40.90	26.69	39.70	25.83	38.40	24.98	35.80	23.29
	-24.8	-25	46.10	26.75	43.50	25.22	40.90	23.70	39.70	22.95	38.40	22.20	35.80	20.72

10. ARUM260LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	46.10	24.97	43.50	23.55	40.90	22.14	39.70	21.44	38.40	20.75	35.80	19.37
	-19.8	-20	46.10	23.86	43.50	22.50	40.90	21.16	39.70	20.50	38.40	19.83	35.80	18.52
	-18.8	-19	46.10	23.32	43.50	21.99	40.90	20.69	39.70	20.04	38.40	19.39	35.80	18.11
	-16.7	-17	46.10	22.26	43.50	21.01	40.90	19.76	39.70	19.15	38.40	18.53	35.80	17.31
	-15	-15.9	46.10	21.62	43.50	20.38	40.90	19.17	39.70	18.56	38.40	17.96	35.80	16.77
	-13.7	-15	46.10	21.01	43.50	19.82	40.90	18.64	39.70	18.05	38.40	17.47	35.80	16.31
	-11.8	-13	46.10	20.16	43.50	19.02	40.90	17.88	39.70	17.32	38.40	16.77	35.80	15.66
	-9.8	-11	46.10	19.30	43.50	18.21	40.90	17.13	39.70	16.59	38.40	16.06	35.80	15.01
	-9.5	-10	46.10	18.92	43.50	17.87	40.90	16.83	39.70	16.32	38.40	15.80	35.80	14.78
	-8.5	-9.1	46.10	18.53	43.50	17.50	40.90	16.49	39.70	15.98	38.40	15.48	35.80	14.48
	-7	-7.6	46.10	17.89	43.50	16.90	40.90	15.92	39.70	15.44	38.40	14.96	35.80	14.00
	-5	-5.6	46.10	17.06	43.50	16.13	40.90	15.20	39.70	14.74	38.40	14.29	35.80	13.38
	-3	-3.7	46.10	16.30	43.50	15.42	40.90	14.54	39.70	14.10	38.40	13.67	35.80	12.81
	0	-0.7	46.10	15.19	43.50	14.37	40.90	13.56	39.70	13.16	38.40	12.76	35.80	11.96
	3	2.2	46.10	14.20	43.50	13.44	40.90	12.69	39.70	12.32	38.40	11.95	35.80	11.22
	5	4.1	43.60	12.60	41.00	11.90	38.40	11.20	37.10	10.86	35.80	10.51	33.20	9.82
	7	6	41.10	11.11	38.50	10.46	35.80	9.82	34.50	9.50	33.20	9.18	30.60	8.54
	9	7.9	38.40	9.74	35.80	9.14	33.20	8.55	31.80	8.26	30.50	7.96	27.80	7.37
	11	9.8	35.70	8.48	33.10	7.93	30.40	7.39	29.10	7.12	27.70	6.85	25.00	6.31
	13	11.8	32.90	7.30	30.30	6.81	27.60	6.32	26.20	6.07	24.80	5.82	22.10	5.33
	15	13.7	30.00	6.25	27.30	5.81	24.60	5.36	23.20	5.14	21.80	4.92	19.00	4.47

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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10.8 Capacity Correction Factor

10.8.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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10.8.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

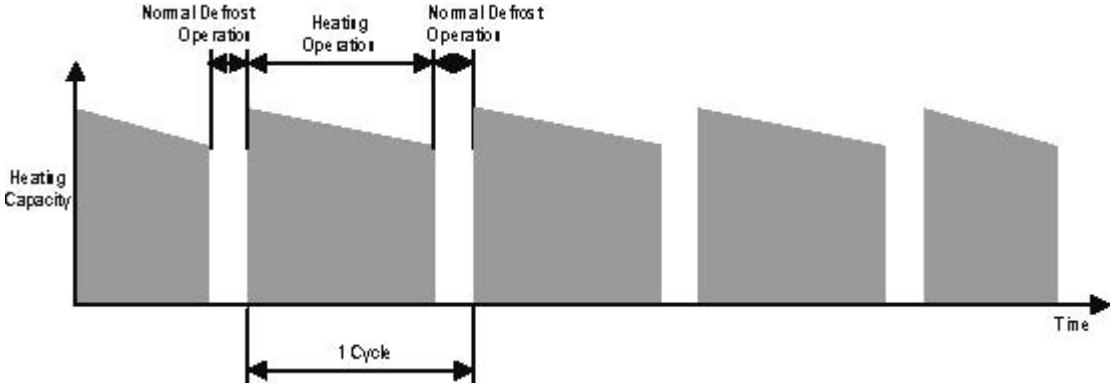
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

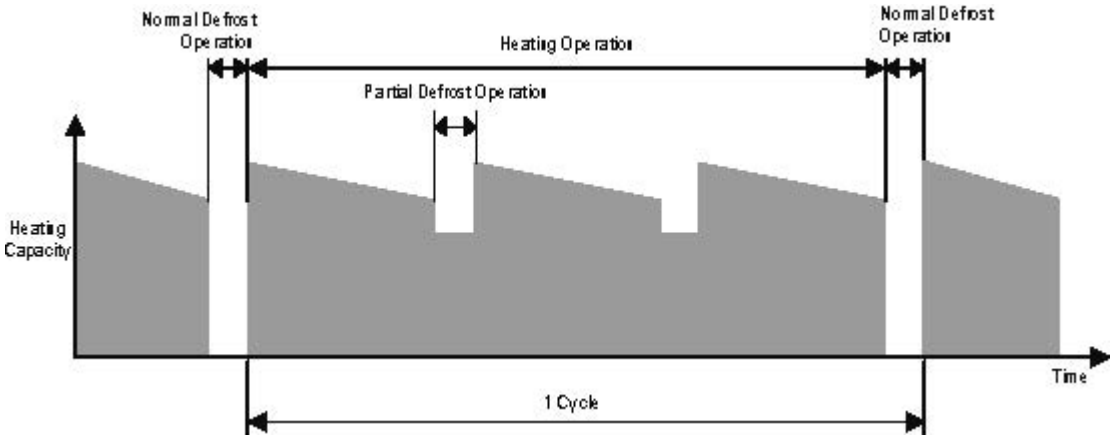
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



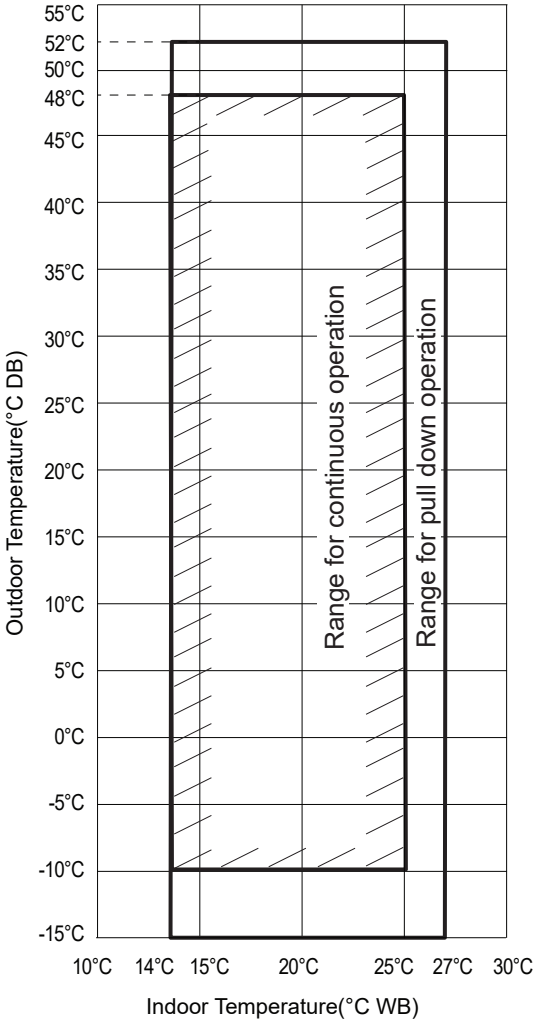
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

10.9 Operation Limits

10.9.1 Cooling

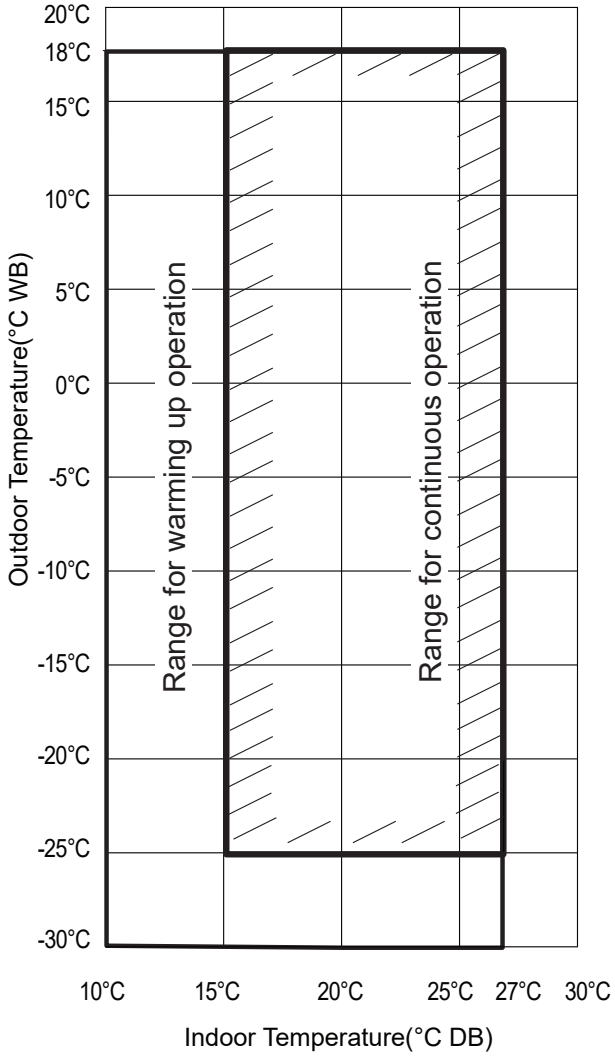


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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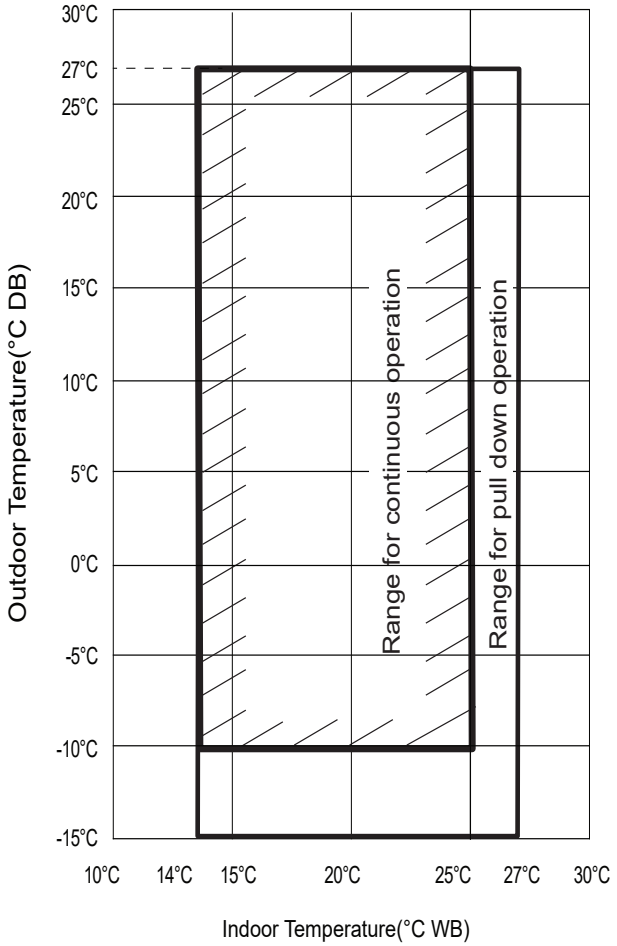
10.9.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

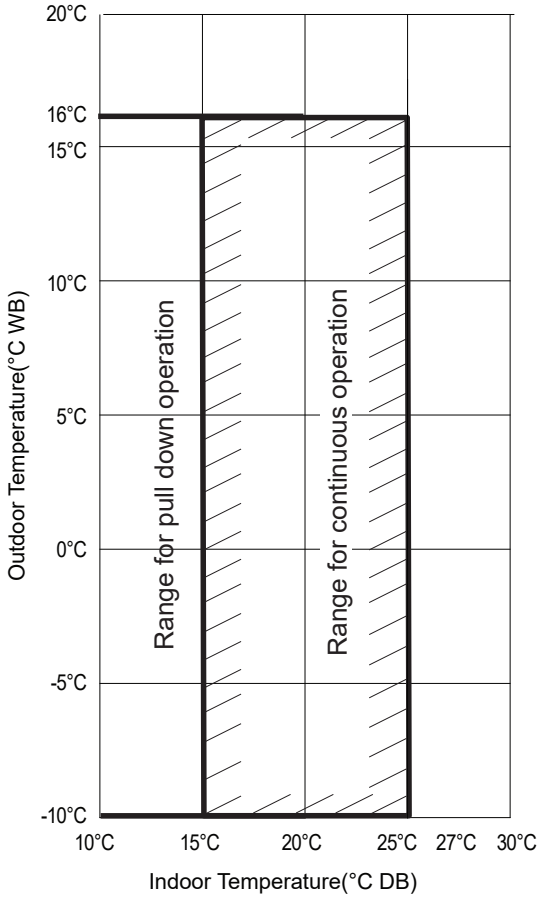
10.9.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

10.9.4 Simultaneous Operation (Heating)



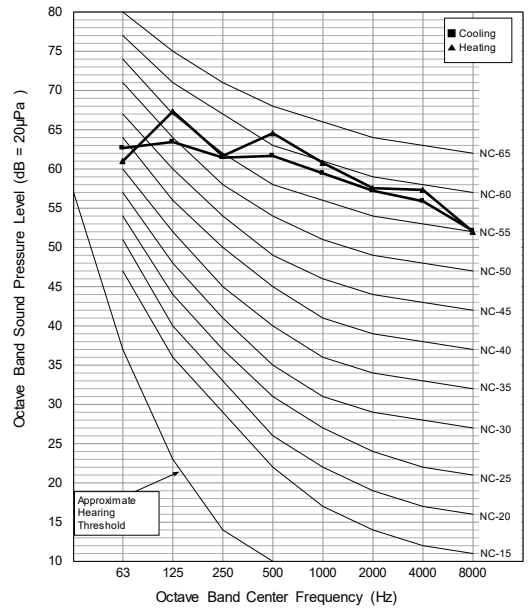
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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10.10 Sound Levels

10.10.1 Pressure



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	62.7	63.4	61.5	61.7	59.4	57.3	55.9	52.2	*65.0*
Heating [dB]	61.0	67.3	61.7	64.6	60.8	57.6	57.4	52.0	*66.5*

Night Low Noise Control				
Dip Switch	SPL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	63.0	64.0	80	80
op4~op6, op11	62.0	62.0	75	75
op7~op9, op12	59.0	59.0	65	65

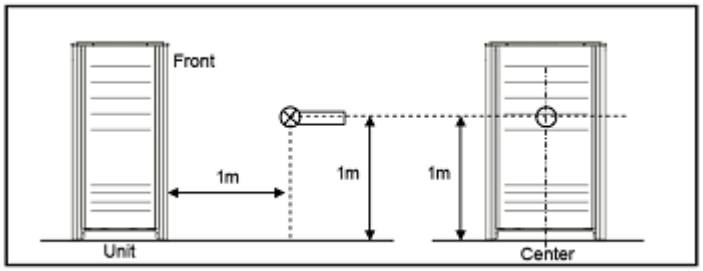
Noise Target Control		
Dip Switch	Target [dB(A)]	Capacity [%]
op1	70	100
op2	65	85
op3	60	70
op4	55	40
op5	50	30

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	65.0 / 66.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
  Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.
  And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions.(Comp Hz, Fan RPM)

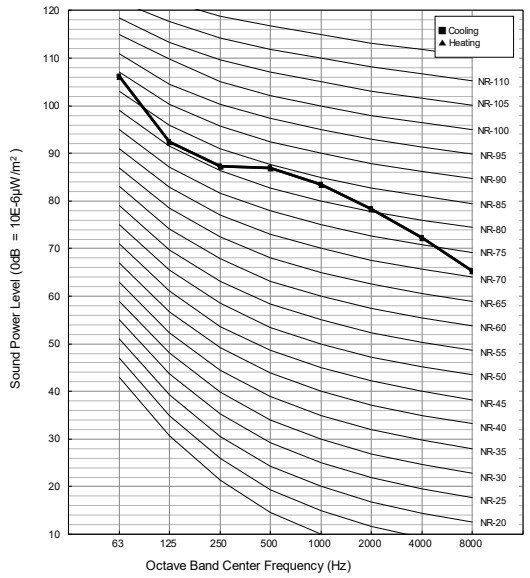
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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10.10.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	106.2	92.5	87.3	87.0	83.5	78.3	72.4	65.2	*89.0*
Heating [dB]	106.2	92.5	87.3	87.0	83.5	78.3	72.4	65.2	*89.0*

Night Low Noise Control				
Dip Switch	PWL [dB(A)]		Capacity [%]	
	Cool	Heat	Cool	Heat
op1~op3, op10	83.0	84.0	80	80
op4~op6, op11	82.0	83.0	75	75
op7~op9, op12	81.0	81.0	65	65

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	89.0 / 89.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

11. ARUM280LTE6

11.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXA
	Combination Unit (1)	-	ARUM160LTE6
	Combination Unit (2)	-	ARUM120LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	44.27 - 42.06 - 40.54
	Running Current by Voltage (Heating,Rated)	A	29.18 - 27.72 - 26.72
Cooling Capacity	Rated	kW	78.4
		Btu/h	267,500
Heating Capacity	Rated	kW	78.4
		Btu/h	267,500
	Max	kW	88.2
		Btu/h	301,000
Power Input(Cooling)	Rated	kW	27.10
Power Input(Heating)	Rated	kW	17.86
Efficiency	EER(Rated)	W/W	2.89
	COP(Rated)	W/W	4.39
	SEER	Wh/Wh	7.96
	SCOP	Wh/Wh	5.22
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (220 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (1,200 × 1)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 2
	Number of Revolution	rev./min	3,600 x 2
	Motor Output	W x No.	5,300 x 2
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	(255 x 1) + (215 x 1)
	Shipping	kg	(265 x 1) + (225 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

11. ARUM280LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	22.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	46.969
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ34.9(1-3/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58(1-1/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	62.8 / 63.8
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	86.2 / 86.8
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	52.7
	Maximum Fuse Amperes (MFA)	A	63
	Total Over Current Amperes (TOCA)	A	58.0
	Comp_Maximum Starting Current (MSC)	A	11.8
	Comp_Rated Load Amperes (Cooling)	A	39.3
	Comp_Rated Load Amperes (Heating)	A	24.2
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	45(56)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

11. ARUM280LTE6

11.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

11. ARUM280LTE6

11.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

11. ARUM280LTE6

11.4 Capacity Tables

11.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	61.20	6.83	77.30	10.09	94.60	15.18	101.9	17.62	109.7	20.69	113.9	21.86	117.2	22.83
	12	61.20	7.49	77.30	11.04	94.60	16.30	101.9	18.69	109.6	21.51	113.8	22.66	117.1	23.58
	14	61.20	8.21	77.30	12.09	94.60	17.51	101.9	19.87	109.5	22.44	113.6	23.56	116.9	24.43
	16	61.20	9.00	77.30	13.25	94.60	18.81	101.9	21.14	109.2	23.47	113.4	24.59	116.6	25.41
	18	61.20	9.87	77.30	14.50	94.60	20.21	101.9	22.52	108.9	24.65	113.1	25.71	116.0	26.26
	20	61.20	10.83	77.30	15.86	94.60	21.72	101.9	24.01	108.5	25.72	112.7	26.59	115.2	27.01
	21	61.20	11.33	77.30	16.59	94.60	22.53	101.9	24.63	108.3	26.23	112.4	27.07	114.8	27.43
	23	61.20	12.44	77.30	18.15	94.60	23.86	101.9	25.67	107.8	26.96	112.0	27.71	113.8	27.96
	25	61.20	13.63	77.30	19.58	94.60	24.85	101.9	26.58	107.3	27.73	111.0	28.41	112.6	28.64
	27	61.20	14.84	77.30	20.67	94.60	25.91	101.9	27.59	106.7	28.65	109.9	29.22	111.5	29.47
	29	61.20	15.79	77.30	21.81	94.60	27.06	101.3	28.62	106.0	29.72	108.7	30.18	110.2	30.45
	31	61.20	16.76	77.30	23.03	94.60	28.34	100.6	29.80	105.3	30.96	107.2	31.29	108.8	31.58
	33	61.20	17.82	77.30	24.34	94.60	29.74	99.90	31.15	103.9	32.19	105.8	32.54	107.4	32.85
	35	61.20	18.94	77.30	25.76	94.60	31.32	99.10	32.68	102.4	33.55	104.3	33.94	105.9	34.27
	37	61.20	20.15	77.30	27.30	94.00	32.97	97.60	34.19	98.80	34.43	99.90	34.63	100.7	34.81
	39	61.20	21.44	77.30	28.85	92.70	34.58	93.80	34.77	95.00	35.00	96.00	35.24	96.90	35.42
	41	61.20	22.84	77.30	30.55	86.80	34.48	86.80	34.48	86.70	34.48	86.70	34.46	86.70	34.46
	43	61.20	24.35	77.30	32.44	80.10	33.72	80.10	33.72	80.10	33.71	80.00	33.70	80.00	33.72
	46	61.20	26.92	70.40	32.16	70.30	32.15	70.30	32.15	70.30	32.14	70.30	32.15	70.20	32.13
	48	61.20	28.81	64.10	30.62	64.10	30.59	64.10	30.61	64.20	30.72	64.10	30.60	64.00	30.57
	50	58.30	28.80	58.20	28.79	58.20	28.75	58.10	28.74	58.20	28.78	58.20	28.78	58.10	28.73
	52	52.20	25.92	52.50	25.28	52.50	24.65	52.50	24.54	52.50	24.37	52.60	24.26	52.60	24.17
120	10	56.50	6.16	71.40	8.70	87.30	12.87	94.00	14.99	101.6	17.51	108.0	20.04	111.6	21.19
	12	56.50	6.73	71.40	9.54	87.30	13.97	94.00	16.13	101.6	18.59	108.0	20.98	111.5	22.00
	14	56.50	7.35	71.40	10.46	87.30	15.15	94.00	17.34	101.6	19.77	108.0	22.02	111.3	22.92
	16	56.50	8.04	71.40	11.48	87.30	16.43	94.00	18.63	101.6	21.05	108.0	23.15	111.1	23.97
	18	56.50	8.81	71.40	12.58	87.30	17.81	94.00	20.04	101.6	22.43	107.7	24.32	110.8	25.14
	20	56.50	9.65	71.40	13.80	87.30	19.32	94.00	21.55	101.6	23.93	107.3	25.46	110.4	26.12
	21	56.50	10.10	71.40	14.44	87.30	20.12	94.00	22.34	101.6	24.56	107.1	25.97	110.2	26.63
	23	56.50	11.08	71.40	15.83	87.30	21.69	94.00	23.71	101.6	25.61	106.6	26.72	109.7	27.31
	25	56.50	12.14	71.40	17.27	87.30	22.87	94.00	24.70	101.6	26.52	106.1	27.49	109.2	28.09
	27	56.50	13.27	71.40	18.46	87.30	23.95	94.00	25.77	101.6	27.52	105.5	28.41	108.6	29.01
	29	56.50	14.19	71.40	19.59	87.30	25.10	94.00	26.93	101.1	28.58	104.9	29.48	107.7	30.03
	31	56.50	15.08	71.40	20.79	87.30	26.34	94.00	28.19	100.4	29.77	104.2	30.71	106.3	31.13
	33	56.50	16.03	71.40	22.09	87.30	27.68	94.00	29.60	99.70	31.11	103.4	32.11	105.0	32.38
	35	56.50	17.04	71.40	23.39	87.30	29.15	94.00	31.17	98.90	32.65	101.9	33.48	103.5	33.78
	37	56.50	18.12	71.40	24.77	87.30	30.77	93.70	32.86	97.70	34.20	98.70	34.39	99.50	34.55
	39	56.50	19.27	71.40	26.27	87.30	32.60	92.80	34.57	93.80	34.79	94.90	34.98	95.70	35.16
	41	56.50	20.51	71.40	27.91	86.90	34.49	86.80	34.48	86.70	34.46	86.70	34.45	86.70	34.45
	43	56.50	21.85	71.40	29.71	80.10	33.73	80.10	33.71	80.10	33.70	80.10	33.71	80.00	33.70
	46	56.50	24.05	70.40	32.16	70.30	32.13	70.30	32.14	70.30	32.13	70.20	32.14	70.30	32.14
	48	56.50	25.71	64.10	30.62	64.10	30.62	64.10	30.62	64.10	30.60	64.10	30.58	64.10	30.59
	50	56.50	27.53	58.20	28.74	58.10	28.74	58.10	28.74	58.20	28.75	57.80	28.50	58.10	28.73
	52	52.10	26.15	52.40	25.56	52.60	24.91	52.50	24.78	52.60	24.66	52.60	24.56	52.60	24.50
110	10	51.80	5.59	65.40	7.53	80.00	10.81	86.20	12.55	93.10	14.68	99.00	16.62	103.6	18.27
	12	51.80	6.07	65.40	8.27	80.00	11.83	86.20	13.63	93.10	15.83	99.00	17.72	103.6	19.32
	14	51.80	6.60	65.40	9.07	80.00	12.93	86.20	14.80	93.10	17.06	99.00	18.92	103.6	20.47

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	51.80	7.20	65.40	9.95	80.00	14.14	86.20	16.06	93.10	18.35	99.00	20.22	103.6	21.72
	18	51.80	7.87	65.40	10.91	80.00	15.44	86.20	17.44	93.10	19.75	99.00	21.62	103.6	23.09
	20	51.80	8.60	65.40	11.97	80.00	16.83	86.20	18.93	93.10	21.26	99.00	23.13	103.6	24.52
	21	51.80	8.99	65.40	12.54	80.00	17.55	86.20	19.72	93.10	22.06	99.00	23.83	103.6	25.11
	23	51.80	9.84	65.40	13.75	80.00	19.11	86.20	21.30	93.10	23.45	99.00	25.00	103.6	26.07
	25	51.80	10.77	65.40	15.08	80.00	20.49	86.20	22.56	93.10	24.46	99.00	25.95	103.5	26.92
	27	51.80	11.81	65.40	16.29	80.00	21.59	86.20	23.63	93.10	25.53	99.00	26.98	102.9	27.83
	29	51.80	12.71	65.40	17.29	80.00	22.77	86.20	24.78	93.10	26.70	99.00	28.12	102.3	28.88
	31	51.80	13.51	65.40	18.36	80.00	24.03	86.20	26.01	93.10	27.95	98.90	29.37	101.7	30.09
	33	51.80	14.36	65.40	19.51	80.00	25.40	86.20	27.34	93.10	29.36	98.20	30.69	101.0	31.47
	35	51.80	15.26	65.40	20.74	80.00	26.79	86.20	28.80	93.10	30.90	97.40	32.19	100.2	33.03
	37	51.80	16.22	65.40	22.06	80.00	28.26	86.20	30.40	93.10	32.66	96.70	33.88	98.10	34.29
	39	51.80	17.25	65.40	23.50	80.00	29.88	86.20	32.19	92.30	34.44	93.60	34.74	94.30	34.87
	41	51.80	18.35	65.40	25.07	80.00	31.67	86.20	34.21	86.90	34.49	86.70	34.47	86.70	34.48
	43	51.80	19.53	65.40	26.70	80.00	33.66	80.10	33.73	80.10	33.71	80.00	33.71	80.10	33.73
	46	51.80	21.46	65.40	29.31	70.30	32.17	70.30	32.16	70.30	32.15	70.30	32.16	70.30	32.16
	48	51.80	22.88	64.10	30.60	64.10	30.58	64.10	30.59	64.10	30.57	64.10	30.57	64.10	30.58
	50	51.80	24.42	58.30	28.78	58.30	28.78	58.20	28.77	58.10	28.76	58.10	28.74	58.10	28.74
	52	51.80	26.13	52.40	25.91	52.50	25.23	52.60	25.14	52.60	24.99	52.60	24.83	52.60	24.70
100	10	47.10	5.10	59.50	6.57	72.80	9.00	78.40	10.37	84.70	12.13	90.00	13.69	94.30	15.05
	12	47.10	5.51	59.50	7.19	72.80	9.88	78.40	11.34	84.70	13.19	90.00	14.81	94.30	16.20
	14	47.10	5.96	59.50	7.87	72.80	10.83	78.40	12.41	84.70	14.33	90.00	16.02	94.30	17.39
	16	47.10	6.47	59.50	8.63	72.80	11.88	78.40	13.59	84.70	15.57	90.00	17.33	94.30	18.70
	18	47.10	7.03	59.50	9.46	72.80	13.01	78.40	14.86	84.70	16.92	90.00	18.76	94.30	20.10
	20	47.10	7.67	59.50	10.37	72.80	14.26	78.40	16.25	84.70	18.39	90.00	20.28	94.30	21.61
	21	47.10	8.00	59.50	10.86	72.80	14.93	78.40	16.99	84.70	19.16	90.00	21.06	94.30	22.41
	23	47.10	8.73	59.50	11.91	72.80	16.35	78.40	18.52	84.70	20.75	90.00	22.53	94.30	23.77
	25	47.10	9.55	59.50	13.06	72.80	17.82	78.40	19.94	84.70	22.04	90.00	23.62	94.30	24.75
	27	47.10	10.44	59.50	14.24	72.80	19.01	78.40	21.03	84.70	23.18	90.00	24.70	94.30	25.81
	29	47.10	11.34	59.50	15.17	72.80	20.16	78.40	22.18	84.70	24.34	90.00	25.86	94.30	26.97
	31	47.10	12.04	59.50	16.12	72.80	21.40	78.40	23.41	84.70	25.56	90.00	27.11	94.30	28.25
	33	47.10	12.80	59.50	17.13	72.80	22.62	78.40	24.74	84.70	26.87	90.00	28.48	94.30	29.65
	35	47.10	13.60	59.50	18.21	72.80	23.93	78.40	26.19	84.70	28.31	90.00	29.99	94.30	31.22
	37	47.10	14.46	59.50	19.37	72.80	25.36	78.40	27.67	84.70	29.87	90.00	31.67	93.90	32.90
	39	47.10	15.37	59.50	20.61	72.80	26.91	78.40	29.24	84.70	31.62	90.00	33.58	92.90	34.59
	41	47.10	16.34	59.50	21.94	72.80	28.59	78.40	30.98	84.70	33.58	86.80	34.46	86.80	34.47
	43	47.10	17.38	59.50	23.39	72.80	30.42	78.40	32.92	80.10	33.74	80.10	33.70	80.10	33.70
	46	47.10	19.08	59.50	25.82	70.30	32.16	70.30	32.13	70.30	32.15	70.30	32.15	70.30	32.13
	48	47.10	20.31	59.50	27.64	64.10	30.59	64.10	30.59	64.10	30.61	64.10	30.60	64.10	30.60
	50	47.10	21.65	58.30	28.81	58.20	28.79	58.20	28.79	58.20	28.76	58.20	28.75	58.20	28.74
	52	47.10	23.09	52.20	26.00	52.20	25.46	52.40	25.36	52.60	25.15	52.60	24.97	52.60	24.81
90	10	42.40	4.50	53.50	5.79	65.50	7.54	70.50	8.52	76.20	9.81	81.00	11.09	84.80	12.17
	12	42.40	5.03	53.50	6.30	65.50	8.27	70.50	9.34	76.20	10.74	81.00	12.13	84.80	13.23
	14	42.40	5.41	53.50	6.86	65.50	9.09	70.50	10.26	76.20	11.77	81.00	13.25	84.80	14.37
	16	42.40	5.83	53.50	7.50	65.50	9.97	70.50	11.26	76.20	12.89	81.00	14.47	84.80	15.62
	18	42.40	6.30	53.50	8.19	65.50	10.93	70.50	12.34	76.20	14.12	81.00	15.75	84.80	16.98
	20	42.40	6.83	53.50	8.97	65.50	12.00	70.50	13.53	76.20	15.46	81.00	17.15	84.80	18.44
	21	42.40	7.12	53.50	9.38	65.50	12.56	70.50	14.17	76.20	16.17	81.00	17.89	84.80	19.22
	23	42.40	7.74	53.50	10.27	65.50	13.78	70.50	15.53	76.20	17.69	81.00	19.47	84.80	20.80
	25	42.40	8.43	53.50	11.25	65.50	15.11	70.50	16.96	76.20	19.20	81.00	20.83	84.80	22.09
	27	42.40	9.20	53.50	12.33	65.50	16.31	70.50	18.15	76.20	20.29	81.00	21.94	84.80	23.23

11. ARUM280LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	42.40	10.02	53.50	13.24	65.50	17.32	70.50	19.25	76.20	21.42	81.00	23.12	84.80	24.38
	31	42.40	10.68	53.50	14.07	65.50	18.40	70.50	20.44	76.20	22.63	81.00	24.40	84.80	25.60
	33	42.40	11.34	53.50	14.96	65.50	19.55	70.50	21.72	76.20	23.92	81.00	25.73	84.80	26.92
	35	42.40	12.06	53.50	15.89	65.50	20.77	70.50	23.06	76.20	25.30	81.00	27.12	84.80	28.35
	37	42.40	12.81	53.50	16.90	65.50	22.11	70.50	24.43	76.20	26.83	81.00	28.61	84.80	29.92
	39	42.40	13.62	53.50	17.97	65.50	23.54	70.50	25.90	76.20	28.43	81.00	30.26	84.80	31.66
	41	42.40	14.48	53.50	19.12	65.50	25.12	70.50	27.51	76.20	30.09	81.00	32.08	84.80	33.64
	43	42.40	15.40	53.50	20.35	65.50	26.73	70.50	29.27	76.20	31.94	80.10	33.73	80.10	33.73
	46	42.40	16.89	53.50	22.38	65.50	29.36	70.30	32.12	70.40	32.16	70.30	32.15	70.30	32.16
	48	42.40	17.97	53.50	23.87	64.20	30.63	64.10	30.60	64.10	30.58	64.10	30.57	64.10	30.57
	50	42.40	19.12	53.50	25.51	58.30	28.80	58.20	28.79	58.20	28.76	58.20	28.75	58.20	28.75
	52	42.40	20.37	52.10	26.22	52.30	25.75	52.40	25.57	52.50	25.36	52.60	25.18	52.60	25.02
80	10	37.60	3.81	47.60	5.14	58.20	6.39	62.70	7.07	67.70	7.96	72.10	8.84	75.40	9.61
	12	37.60	4.63	47.60	5.56	58.20	6.99	62.70	7.74	67.70	8.73	72.10	9.70	75.40	10.54
	14	37.60	4.93	47.60	6.02	58.20	7.64	62.70	8.50	67.70	9.59	72.10	10.63	75.40	11.55
	16	37.60	5.28	47.60	6.54	58.20	8.37	62.70	9.32	67.70	10.52	72.10	11.67	75.40	12.65
	18	37.60	5.67	47.60	7.12	58.20	9.17	62.70	10.23	67.70	11.54	72.10	12.79	75.40	13.85
	20	37.60	6.10	47.60	7.76	58.20	10.06	62.70	11.22	67.70	12.66	72.10	14.02	75.40	15.17
	21	37.60	6.34	47.60	8.10	58.20	10.54	62.70	11.75	67.70	13.26	72.10	14.67	75.40	15.87
	23	37.60	6.86	47.60	8.84	58.20	11.54	62.70	12.88	67.70	14.54	72.10	16.07	75.40	17.37
	25	37.60	7.43	47.60	9.66	58.20	12.65	62.70	14.12	67.70	15.93	72.10	17.54	75.40	18.86
	27	37.60	8.08	47.60	10.57	58.20	13.82	62.70	15.35	67.70	17.11	72.10	18.72	75.40	20.02
	29	37.60	8.80	47.60	11.47	58.20	14.75	62.70	16.30	67.70	18.16	72.10	19.86	75.40	21.14
	31	37.60	9.43	47.60	12.18	58.20	15.67	62.70	17.31	67.70	19.28	72.10	21.08	75.40	22.33
	33	37.60	10.00	47.60	12.95	58.20	16.66	62.70	18.40	67.70	20.49	72.10	22.34	75.40	23.61
	35	37.60	10.62	47.60	13.77	58.20	17.71	62.70	19.55	67.70	21.79	72.10	23.65	75.40	24.98
	37	37.60	11.28	47.60	14.63	58.20	18.83	62.70	20.80	67.70	23.19	72.10	25.05	75.40	26.48
	39	37.60	11.99	47.60	15.55	58.20	20.03	62.70	22.14	67.70	24.68	72.10	26.57	75.40	28.10
	41	37.60	12.75	47.60	16.54	58.20	21.32	62.70	23.60	67.70	26.19	72.10	28.23	75.40	29.76
	43	37.60	13.54	47.60	17.59	58.20	22.72	62.70	25.18	67.70	27.84	72.10	30.07	75.40	31.57
	46	37.60	14.86	47.60	19.31	58.20	25.05	62.70	27.82	67.70	30.64	70.30	32.13	70.30	32.15
	48	37.60	15.81	47.60	20.56	58.20	26.80	62.70	29.66	64.10	30.61	64.10	30.62	64.10	30.61
	50	37.60	16.82	47.60	21.91	57.90	28.56	58.30	28.77	58.20	28.79	58.30	28.80	58.30	28.79
	52	37.60	17.89	47.60	23.37	52.10	25.98	52.20	25.78	52.40	25.60	52.40	25.40	52.50	25.26
70	10	32.90	3.13	41.60	4.40	50.90	5.49	54.80	5.95	59.30	6.54	63.00	7.12	66.00	7.63
	12	32.90	4.30	41.60	4.97	50.90	5.96	54.80	6.49	59.30	7.16	63.00	7.81	66.00	8.37
	14	32.90	4.53	41.60	5.33	50.90	6.48	54.80	7.07	59.30	7.83	63.00	8.56	66.00	9.19
	16	32.90	4.81	41.60	5.74	50.90	7.06	54.80	7.74	59.30	8.59	63.00	9.39	66.00	10.08
	18	32.90	5.12	41.60	6.19	50.90	7.70	54.80	8.47	59.30	9.41	63.00	10.30	66.00	11.07
	20	32.90	5.47	41.60	6.71	50.90	8.42	54.80	9.27	59.30	10.32	63.00	11.31	66.00	12.14
	21	32.90	5.66	41.60	6.99	50.90	8.80	54.80	9.70	59.30	10.81	63.00	11.84	66.00	12.71
	23	32.90	6.08	41.60	7.59	50.90	9.63	54.80	10.62	59.30	11.86	63.00	12.99	66.00	13.94
	25	32.90	6.55	41.60	8.26	50.90	10.54	54.80	11.64	59.30	12.99	63.00	14.24	66.00	15.27
	27	32.90	7.08	41.60	9.01	50.90	11.54	54.80	12.75	59.30	14.17	63.00	15.45	66.00	16.48
	29	32.90	7.68	41.60	9.82	50.90	12.45	54.80	13.66	59.30	15.11	63.00	16.42	66.00	17.49
	31	32.90	8.28	41.60	10.47	50.90	13.23	54.80	14.52	59.30	16.05	63.00	17.44	66.00	18.58
	33	32.90	8.77	41.60	11.12	50.90	14.06	54.80	15.42	59.30	17.06	63.00	18.53	66.00	19.74
	35	32.90	9.29	41.60	11.81	50.90	14.94	54.80	16.40	59.30	18.13	63.00	19.69	66.00	20.98
	37	32.90	9.86	41.60	12.56	50.90	15.89	54.80	17.43	59.30	19.28	63.00	20.95	66.00	22.33
	39	32.90	10.47	41.60	13.35	50.90	16.89	54.80	18.54	59.30	20.52	63.00	22.30	66.00	23.79
	41	32.90	11.12	41.60	14.19	50.90	17.97	54.80	19.73	59.30	21.84	63.00	23.78	66.00	25.38

11. ARUM280LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	32.90	11.83	41.60	15.09	50.90	19.11	54.80	21.00	59.30	23.28	63.00	25.37	66.00	26.96
	46	32.90	12.98	41.60	16.55	50.90	21.00	54.80	23.12	59.30	25.70	63.00	28.01	66.00	29.63
	48	32.90	13.81	41.60	17.61	50.90	22.39	54.80	24.67	59.30	27.51	63.00	29.85	64.10	30.62
	50	32.90	14.69	41.60	18.74	50.90	23.89	54.80	26.39	58.30	28.80	58.30	28.81	58.20	28.79
	52	32.90	15.63	41.60	19.95	50.90	25.53	52.10	26.12	52.20	25.88	52.40	25.71	52.30	25.55
60	10	28.20	2.59	35.70	3.50	43.60	4.70	47.10	5.09	50.80	5.48	54.10	5.84	56.50	6.17
	12	28.20	4.02	35.70	4.48	43.60	5.16	47.10	5.50	50.80	5.94	54.10	6.37	56.50	6.73
	14	28.20	4.20	35.70	4.76	43.60	5.55	47.10	5.95	50.80	6.46	54.10	6.95	56.50	7.35
	16	28.20	4.40	35.70	5.07	43.60	6.00	47.10	6.45	50.80	7.04	54.10	7.59	56.50	8.05
	18	28.20	4.65	35.70	5.42	43.60	6.49	47.10	7.02	50.80	7.68	54.10	8.30	56.50	8.82
	20	28.20	4.91	35.70	5.82	43.60	7.05	47.10	7.65	50.80	8.39	54.10	9.08	56.50	9.66
	21	28.20	5.07	35.70	6.04	43.60	7.35	47.10	7.99	50.80	8.77	54.10	9.50	56.50	10.10
	23	28.20	5.40	35.70	6.51	43.60	7.99	47.10	8.72	50.80	9.60	54.10	10.41	56.50	11.08
	25	28.20	5.77	35.70	7.04	43.60	8.72	47.10	9.52	50.80	10.50	54.10	11.40	56.50	12.14
	27	28.20	6.20	35.70	7.64	43.60	9.52	47.10	10.41	50.80	11.49	54.10	12.49	56.50	13.27
	29	28.20	6.68	35.70	8.30	43.60	10.37	47.10	11.32	50.80	12.41	54.10	13.40	56.50	14.20
	31	28.20	7.21	35.70	8.93	43.60	11.04	47.10	12.02	50.80	13.18	54.10	14.24	56.50	15.09
	33	28.20	7.63	35.70	9.46	43.60	11.73	47.10	12.77	50.80	14.01	54.10	15.13	56.50	16.04
	35	28.20	8.07	35.70	10.05	43.60	12.46	47.10	13.58	50.80	14.90	54.10	16.08	56.50	17.04
	37	28.20	8.56	35.70	10.66	43.60	13.24	47.10	14.43	50.80	15.83	54.10	17.09	56.50	18.13
	39	28.20	9.07	35.70	11.33	43.60	14.08	47.10	15.34	50.80	16.84	54.10	18.18	56.50	19.28
	41	28.20	9.64	35.70	12.04	43.60	14.97	47.10	16.32	50.80	17.91	54.10	19.34	56.50	20.51
	43	28.20	10.24	35.70	12.80	43.60	15.91	47.10	17.35	50.80	19.06	54.10	20.59	56.50	21.85
	46	28.20	11.23	35.70	14.04	43.60	17.46	47.10	19.04	50.80	20.93	54.10	22.64	56.50	24.07
	48	28.20	11.95	35.70	14.94	43.60	18.58	47.10	20.28	50.80	22.31	54.10	24.17	56.50	25.72
	50	28.20	12.72	35.70	15.89	43.60	19.78	47.10	21.60	50.80	23.81	54.10	25.84	56.50	27.55
	52	28.20	13.54	35.70	16.91	43.60	21.07	47.10	23.04	50.80	25.45	52.10	26.16	52.20	26.01
50	10	23.60	2.11	29.70	2.74	36.40	3.60	39.20	4.06	42.30	4.49	45.00	4.90	47.10	5.10
	12	23.60	3.12	29.70	4.10	36.40	4.53	39.20	4.76	42.30	5.02	45.00	5.28	47.10	5.51
	14	23.60	3.85	29.70	4.30	36.40	4.81	39.20	5.07	42.30	5.40	45.00	5.70	47.10	5.96
	16	23.60	4.01	29.70	4.53	36.40	5.14	39.20	5.44	42.30	5.82	45.00	6.17	47.10	6.47
	18	23.60	4.20	29.70	4.79	36.40	5.51	39.20	5.86	42.30	6.30	45.00	6.70	47.10	7.04
	20	23.60	4.40	29.70	5.08	36.40	5.91	39.20	6.33	42.30	6.82	45.00	7.28	47.10	7.67
	21	23.60	4.52	29.70	5.24	36.40	6.14	39.20	6.58	42.30	7.11	45.00	7.60	47.10	8.01
	23	23.60	4.77	29.70	5.60	36.40	6.63	39.20	7.13	42.30	7.73	45.00	8.28	47.10	8.74
	25	23.60	5.07	29.70	6.00	36.40	7.18	39.20	7.75	42.30	8.42	45.00	9.04	47.10	9.55
	27	23.60	5.40	29.70	6.46	36.40	7.80	39.20	8.42	42.30	9.18	45.00	9.87	47.10	10.44
	29	23.60	5.78	29.70	6.98	36.40	8.48	39.20	9.18	42.30	10.01	45.00	10.74	47.10	11.34
	31	23.60	6.21	29.70	7.54	36.40	9.10	39.20	9.82	42.30	10.67	45.00	11.44	47.10	12.05
	33	23.60	6.60	29.70	7.98	36.40	9.65	39.20	10.42	42.30	11.33	45.00	12.14	47.10	12.80
	35	23.60	6.96	29.70	8.44	36.40	10.24	39.20	11.07	42.30	12.04	45.00	12.90	47.10	13.61
	37	23.60	7.36	29.70	8.95	36.40	10.87	39.20	11.75	42.30	12.79	45.00	13.71	47.10	14.47
	39	23.60	7.79	29.70	9.50	36.40	11.55	39.20	12.49	42.30	13.60	45.00	14.58	47.10	15.38
	41	23.60	8.26	29.70	10.08	36.40	12.29	39.20	13.28	42.30	14.46	45.00	15.51	47.10	16.35
	43	23.60	8.77	29.70	10.73	36.40	13.06	39.20	14.13	42.30	15.38	45.00	16.49	47.10	17.40
	46	23.60	9.62	29.70	11.76	36.40	14.33	39.20	15.49	42.30	16.87	45.00	18.09	47.10	19.09
	48	23.60	10.24	29.70	12.52	36.40	15.24	39.20	16.48	42.30	17.95	45.00	19.26	47.10	20.33
	50	23.60	10.90	29.70	13.32	36.40	16.22	39.20	17.53	42.30	19.10	45.00	20.50	47.10	21.65
	52	23.60	11.61	29.70	14.17	36.40	17.25	39.20	18.66	42.30	20.33	45.00	21.85	47.10	23.10

11. ARUM280LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

11. ARUM280LTE6

11.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	16.70	1.21	26.80	1.92	37.90	2.77	40.60	3.00	43.20	3.22	46.00	3.47	49.00	3.75
	12	16.70	1.21	26.80	1.94	37.90	2.79	40.60	3.02	43.20	3.25	46.00	3.49	49.00	3.79
	14	16.70	1.21	26.80	1.94	37.90	2.82	40.60	3.05	43.20	3.28	46.00	3.54	49.00	3.86
	16	16.70	1.21	26.80	1.96	37.90	2.87	40.60	3.11	43.20	3.37	46.00	3.64	49.00	3.99
	18	16.70	1.22	26.80	2.00	37.90	2.98	40.60	3.26	43.20	3.54	46.00	3.86	49.00	4.31
	20	16.70	1.25	26.80	2.09	37.90	3.28	40.60	3.64	43.20	4.01	46.00	4.42	49.00	5.17
	21	18.90	1.53	28.90	2.57	39.90	4.38	42.50	4.79	45.20	5.24	47.80	5.57	50.60	6.04
	23	23.30	3.69	33.10	4.55	44.10	5.82	46.60	6.16	49.20	6.51	51.40	6.84	53.90	7.40
	25	27.80	4.54	37.50	5.64	48.30	7.29	50.70	7.70	53.20	8.14	55.10	8.50	57.20	9.16
	27	32.50	5.70	42.00	7.10	52.70	9.23	55.00	9.73	57.30	10.26	58.80	10.61	64.00	12.21
	29	37.30	7.29	46.50	9.03	57.20	11.49	59.30	12.02	61.60	12.60	65.30	13.63	75.60	17.27
	31	42.20	9.23	51.30	11.19	61.80	14.14	63.70	14.73	69.30	16.50	77.20	19.29	87.30	23.67
	33	47.20	11.59	56.00	13.89	66.50	17.39	73.30	19.90	81.50	23.25	89.10	26.07	99.00	29.66
	35	52.30	14.57	61.10	17.24	78.10	24.21	85.40	27.08	93.70	29.77	101.0	32.07	106.5	34.23
	37	52.30	15.51	61.10	18.34	78.10	25.66	85.40	28.60	93.70	31.47	101.0	33.97	102.5	34.83
	39	52.30	16.49	61.10	19.51	78.10	27.24	85.40	30.26	93.70	33.37	97.70	34.88	96.40	35.51
	41	52.30	17.55	61.10	20.78	78.10	28.97	85.40	32.09	90.40	34.15	90.40	34.15	89.30	34.28
	43	52.30	18.68	61.10	22.14	78.10	30.86	83.40	33.19	83.40	33.19	83.40	33.19	82.20	33.35
	46	52.30	20.52	61.10	24.40	73.10	31.25	73.10	31.24	73.10	31.25	73.10	31.23	72.10	31.54
	48	52.30	21.87	61.10	26.07	66.60	29.63	66.60	29.62	66.60	29.59	66.50	29.58	65.60	29.90
	50	52.30	23.33	60.50	27.57	60.40	27.57	60.40	27.56	60.40	27.52	60.40	27.56	59.40	27.74
	52	52.30	24.91	53.70	24.40	54.00	23.84	54.10	23.71	54.20	23.60	54.30	23.50	53.80	23.72
120	10	15.40	1.12	24.70	1.78	35.00	2.55	37.40	2.74	39.90	2.94	42.50	3.16	45.20	3.42
	12	15.40	1.12	24.70	1.78	35.00	2.55	37.40	2.75	39.90	2.96	42.50	3.19	45.20	3.45
	14	15.40	1.11	24.70	1.78	35.00	2.57	37.40	2.77	39.90	3.00	42.50	3.23	45.20	3.50
	16	15.40	1.12	24.70	1.80	35.00	2.62	37.40	2.83	39.90	3.06	42.50	3.30	45.20	3.61
	18	15.40	1.13	24.70	1.82	35.00	2.70	37.40	2.94	39.90	3.19	42.50	3.46	45.20	3.85
	20	15.40	1.15	24.70	1.90	35.00	2.94	37.40	3.23	39.90	3.55	42.50	3.90	45.20	4.52
	21	17.50	1.38	26.60	2.30	36.90	3.80	39.20	4.25	41.70	4.65	44.10	5.06	46.70	5.56
	23	21.50	3.53	30.60	4.30	40.80	5.40	43.00	5.68	45.30	5.98	47.40	6.27	49.70	6.75
	25	25.70	4.29	34.60	5.26	44.60	6.68	46.90	7.03	49.00	7.41	50.80	7.71	52.80	8.27
	27	30.00	5.34	38.70	6.55	48.70	8.37	50.80	8.80	52.90	9.26	54.30	9.57	59.00	10.95
	29	34.30	6.74	42.90	8.27	52.80	10.43	54.80	10.89	56.80	11.39	60.20	12.27	69.80	15.38
	31	38.90	8.51	47.30	10.21	57.10	12.76	58.80	13.28	64.00	14.80	71.30	17.17	80.70	21.22
	33	43.60	10.59	51.80	12.59	61.40	15.62	67.60	17.78	75.30	20.71	82.30	23.51	91.40	27.31
	35	48.30	13.23	56.30	15.54	72.10	21.68	78.90	24.52	86.50	27.42	93.30	29.63	101.5	32.63
	37	48.30	14.08	56.30	16.54	72.10	23.09	78.90	26.00	86.50	28.96	93.30	31.32	100.7	34.36
	39	48.30	14.97	56.30	17.60	72.10	24.61	78.90	27.60	86.50	30.64	93.30	33.21	96.40	35.16
	41	48.30	15.94	56.30	18.73	72.10	26.20	78.90	29.36	86.50	32.51	90.40	34.15	89.30	34.28
	43	48.30	16.95	56.30	19.93	72.10	27.85	78.90	31.21	83.30	33.17	83.30	33.17	82.20	33.35
	46	48.30	18.62	56.30	21.91	72.10	30.65	73.10	31.28	73.10	31.25	73.10	31.29	72.10	31.57
	48	48.30	19.82	56.30	23.37	66.70	29.63	66.60	29.60	66.60	29.64	66.60	29.58	65.70	29.90
	50	48.30	21.12	56.30	24.96	60.50	27.60	60.50	27.64	60.40	27.57	60.40	27.55	59.60	27.91
	52	48.30	22.51	53.60	24.66	53.90	24.06	54.00	23.95	54.00	23.83	54.10	23.74	53.70	24.03
110	10	14.20	1.02	22.60	1.63	32.00	2.31	34.30	2.49	36.60	2.67	39.00	2.86	41.50	3.09
	12	14.20	1.02	22.60	1.63	32.00	2.33	34.30	2.50	36.60	2.68	39.00	2.88	41.50	3.12
	14	14.20	1.02	22.60	1.64	32.00	2.34	34.30	2.52	36.60	2.71	39.00	2.91	41.50	3.16
	16	14.20	1.02	22.60	1.64	32.00	2.37	34.30	2.56	36.60	2.76	39.00	2.97	41.50	3.24
	18	14.20	1.02	22.60	1.66	32.00	2.44	34.30	2.65	36.60	2.86	39.00	3.09	41.50	3.42

11. ARUM280LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	14.20	1.04	22.60	1.72	32.00	2.61	34.30	2.86	36.60	3.12	39.00	3.42	41.50	3.92
	21	15.90	1.24	24.50	2.04	33.80	3.28	36.00	3.65	38.20	4.05	40.40	4.45	42.80	5.12
	23	19.70	3.38	28.00	4.06	37.30	5.01	39.40	5.24	41.60	5.50	43.50	5.75	45.50	6.14
	25	23.60	4.06	31.70	4.90	40.90	6.12	42.90	6.41	45.00	6.73	46.60	6.99	48.50	7.46
	27	27.50	4.99	35.50	6.03	44.60	7.59	46.50	7.94	48.50	8.33	49.70	8.60	54.10	9.78
	29	31.50	6.24	39.40	7.54	48.50	9.44	50.20	9.83	52.10	10.26	55.30	11.01	64.00	13.64
	31	35.70	7.82	43.40	9.29	52.30	11.48	53.90	11.91	58.60	13.21	65.30	15.22	73.90	18.62
	33	39.90	9.66	47.40	11.37	56.30	13.97	62.00	15.80	69.00	18.28	75.40	20.78	83.80	24.65
	35	44.30	11.98	51.60	13.96	66.00	19.18	72.30	21.80	79.30	24.68	85.40	27.09	93.60	30.23
	37	44.30	12.73	51.60	14.84	66.00	20.41	72.30	23.21	79.30	26.16	85.40	28.61	93.60	31.95
	39	44.30	13.55	51.60	15.79	66.00	21.73	72.30	24.75	79.30	27.78	85.40	30.27	93.60	33.90
	41	44.30	14.42	51.60	16.80	66.00	23.16	72.30	26.31	79.30	29.55	85.40	32.10	89.20	34.27
	43	44.30	15.34	51.60	17.88	66.00	24.71	72.30	27.98	79.30	31.39	83.40	33.19	82.20	33.37
	46	44.30	16.83	51.60	19.63	66.00	27.33	72.30	30.79	73.10	31.28	73.10	31.23	72.10	31.53
	48	44.30	17.91	51.60	20.92	66.00	29.26	66.60	29.63	66.60	29.62	66.60	29.62	65.60	29.89
	50	44.30	19.06	51.60	22.29	60.50	27.55	60.50	27.55	60.40	27.58	60.50	27.57	59.60	27.93
	52	44.30	20.31	51.60	23.78	53.70	24.35	53.80	24.23	53.90	24.13	53.90	23.98	53.60	24.15
100	10	12.80	0.93	20.60	1.48	29.20	2.10	31.20	2.25	33.30	2.41	35.40	2.58	37.60	2.79
	12	12.80	0.93	20.60	1.48	29.20	2.11	31.20	2.26	33.30	2.42	35.40	2.59	37.60	2.79
	14	12.80	0.93	20.60	1.48	29.20	2.12	31.20	2.28	33.30	2.43	35.40	2.62	37.60	2.83
	16	12.80	0.93	20.60	1.49	29.20	2.14	31.20	2.30	33.30	2.47	35.40	2.66	37.60	2.89
	18	12.80	0.93	20.60	1.50	29.20	2.19	31.20	2.37	33.30	2.55	35.40	2.75	37.60	3.02
	20	12.80	0.94	20.60	1.54	29.20	2.32	31.20	2.52	33.30	2.74	35.40	2.98	37.60	3.39
	21	14.50	1.11	22.20	1.80	30.80	2.83	32.70	3.12	34.80	3.43	36.80	3.78	38.90	4.47
	23	17.90	3.22	25.50	3.83	33.90	4.64	35.90	4.83	37.80	5.05	39.50	5.26	41.50	5.60
	25	21.40	3.84	28.90	4.57	37.30	5.60	39.00	5.85	40.90	6.12	42.40	6.33	44.10	6.73
	27	25.00	4.66	32.20	5.56	40.60	6.87	42.30	7.16	44.10	7.48	45.30	7.71	49.20	8.69
	29	28.70	5.76	35.80	6.86	44.10	8.49	45.70	8.83	47.40	9.20	50.20	9.84	58.20	12.05
	31	32.40	7.17	39.40	8.42	47.60	10.28	49.00	10.64	53.30	11.74	59.50	13.42	67.20	16.26
	33	36.20	8.77	43.10	10.23	51.20	12.43	56.30	13.97	62.70	16.05	68.60	18.13	76.10	21.73
	35	40.30	10.79	46.90	12.47	60.00	16.88	65.80	19.06	72.10	21.70	77.70	24.08	85.10	27.47
	37	40.30	11.47	46.90	13.27	60.00	17.96	65.80	20.28	72.10	23.10	77.70	25.52	85.10	29.00
	39	40.30	12.21	46.90	14.11	60.00	19.11	65.80	21.59	72.10	24.63	77.70	27.09	85.10	30.69
	41	40.30	12.98	46.90	15.01	60.00	20.34	65.80	23.01	72.10	26.21	77.70	28.80	85.10	32.56
	43	40.30	13.81	46.90	15.98	60.00	21.66	65.80	24.54	72.10	27.86	77.70	30.69	82.30	33.38
	46	40.30	15.15	46.90	17.53	60.00	23.86	65.80	27.13	72.10	30.65	73.10	31.27	72.10	31.55
	48	40.30	16.12	46.90	18.66	60.00	25.49	65.80	29.07	66.60	29.63	66.60	29.60	65.60	29.89
	50	40.30	17.17	46.90	19.87	60.00	27.27	60.50	27.56	60.50	27.59	60.50	27.58	59.60	27.88
	52	40.30	18.27	46.90	21.16	53.50	24.65	53.60	24.47	53.80	24.27	53.90	24.13	53.50	24.27
90	10	11.60	0.84	18.50	1.33	26.20	1.89	28.00	2.02	29.90	2.16	31.90	2.31	33.90	2.48
	12	11.60	0.84	18.50	1.33	26.20	1.89	28.00	2.03	29.90	2.17	31.90	2.31	33.90	2.50
	14	11.60	0.84	18.50	1.34	26.20	1.90	28.00	2.04	29.90	2.18	31.90	2.33	33.90	2.52
	16	11.60	0.84	18.50	1.34	26.20	1.92	28.00	2.06	29.90	2.21	31.90	2.35	33.90	2.56
	18	11.60	0.84	18.50	1.34	26.20	1.95	28.00	2.10	29.90	2.26	31.90	2.42	33.90	2.65
	20	11.60	0.85	18.50	1.38	26.20	2.04	28.00	2.22	29.90	2.40	31.90	2.59	33.90	2.91
	21	13.10	0.99	20.00	1.58	27.70	2.42	29.40	2.65	31.30	2.90	33.10	3.17	35.00	3.78
	23	16.10	3.08	22.90	3.60	30.60	4.30	32.20	4.46	34.00	4.64	35.50	4.81	37.30	5.10
	25	19.30	3.61	25.90	4.25	33.50	5.12	35.20	5.33	36.80	5.55	38.10	5.72	39.60	6.05
	27	22.50	4.34	29.00	5.11	36.60	6.19	38.10	6.44	39.70	6.71	40.80	6.89	44.30	7.70
	29	25.80	5.31	32.20	6.23	39.60	7.60	41.10	7.88	42.60	8.20	45.20	8.74	52.40	10.60
	31	29.20	6.56	35.50	7.61	42.80	9.16	44.10	9.48	48.00	10.38	53.50	11.78	60.50	14.12

11. ARUM280LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	32.70	7.95	38.80	9.17	46.00	11.00	50.70	12.29	56.50	14.01	61.80	15.71	68.60	18.65
	35	36.20	9.68	42.20	11.09	54.10	14.76	59.20	16.55	64.90	18.71	70.00	20.78	76.60	24.24
	37	36.20	10.29	42.20	11.79	54.10	15.69	59.20	17.61	64.90	19.91	70.00	22.12	76.60	25.69
	39	36.20	10.94	42.20	12.55	54.10	16.70	59.20	18.74	64.90	21.19	70.00	23.57	76.60	27.27
	41	36.20	11.64	42.20	13.34	54.10	17.77	59.20	19.95	64.90	22.58	70.00	25.15	76.60	29.00
	43	36.20	12.38	42.20	14.19	54.10	18.92	59.20	21.24	64.90	24.08	70.00	26.85	76.60	30.86
	46	36.20	13.59	42.20	15.58	54.10	20.78	59.20	23.39	64.90	26.61	70.00	29.49	72.10	31.56
	48	36.20	14.46	42.20	16.57	54.10	22.15	59.20	24.97	64.90	28.51	66.60	29.64	65.80	29.92
	50	36.20	15.38	42.20	17.64	54.10	23.63	59.20	26.71	60.50	27.59	60.50	27.58	59.60	27.90
	52	36.20	16.37	42.20	18.77	53.40	24.79	53.50	24.64	53.70	24.44	53.80	24.28	53.40	24.45
80	10	10.30	0.75	16.50	1.18	23.30	1.67	25.00	1.80	26.60	1.92	28.30	2.04	30.10	2.19
	12	10.30	0.75	16.50	1.18	23.30	1.68	25.00	1.80	26.60	1.92	28.30	2.05	30.10	2.20
	14	10.30	0.74	16.50	1.18	23.30	1.69	25.00	1.80	26.60	1.93	28.30	2.06	30.10	2.22
	16	10.30	0.74	16.50	1.18	23.30	1.69	25.00	1.82	26.60	1.94	28.30	2.08	30.10	2.24
	18	10.30	0.74	16.50	1.20	23.30	1.72	25.00	1.85	26.60	1.98	28.30	2.12	30.10	2.30
	20	10.30	0.74	16.50	1.22	23.30	1.79	25.00	1.93	26.60	2.08	28.30	2.24	30.10	2.49
	21	11.60	0.87	17.70	1.37	24.50	2.06	26.20	2.24	27.80	2.44	29.40	2.65	31.10	3.09
	23	14.30	2.76	20.30	3.38	27.10	3.97	28.70	4.12	30.30	4.26	31.70	4.40	33.10	4.64
	25	17.10	3.40	23.10	3.95	29.80	4.67	31.20	4.85	32.70	5.03	33.90	5.17	35.20	5.44
	27	20.00	4.03	25.90	4.68	32.50	5.58	33.80	5.78	35.30	6.00	36.20	6.15	39.40	6.80
	29	22.90	4.86	28.70	5.64	35.20	6.76	36.50	6.99	37.80	7.25	40.20	7.71	46.60	9.25
	31	25.90	5.95	31.50	6.86	38.00	8.14	39.20	8.39	42.70	9.13	47.60	10.27	53.70	12.16
	33	29.00	7.17	34.50	8.18	41.00	9.69	45.10	10.74	50.20	12.13	54.80	13.52	60.90	15.89
	35	32.20	8.64	37.60	9.81	48.00	12.81	52.50	14.27	57.60	16.01	62.10	17.66	68.10	20.61
	37	32.20	9.18	37.60	10.42	48.00	13.62	52.50	15.18	57.60	17.04	62.10	18.79	68.10	21.95
	39	32.20	9.75	37.60	11.08	48.00	14.50	52.50	16.15	57.60	18.13	62.10	20.01	68.10	23.38
	41	32.20	10.37	37.60	11.79	48.00	15.42	52.50	17.19	57.60	19.29	62.10	21.31	68.10	24.94
	43	32.20	11.03	37.60	12.54	48.00	16.41	52.50	18.28	57.60	20.54	62.10	22.71	68.10	26.64
	46	32.20	12.10	37.60	13.77	48.00	18.01	52.50	20.09	57.60	22.60	62.10	25.03	68.10	29.26
	48	32.20	12.88	37.60	14.64	48.00	19.17	52.50	21.40	57.60	24.11	62.10	26.77	65.80	29.93
	50	32.20	13.72	37.60	15.58	48.00	20.41	52.50	22.82	57.60	25.77	60.50	27.57	59.70	27.94
	52	32.20	14.60	37.60	16.58	48.00	21.75	52.50	24.33	53.60	24.69	53.60	24.48	53.30	24.66
70	10	9.00	0.64	14.40	1.03	20.40	1.46	21.90	1.57	23.30	1.67	24.80	1.78	26.40	1.92
	12	9.00	0.64	14.40	1.03	20.40	1.46	21.90	1.57	23.30	1.67	24.80	1.79	26.40	1.92
	14	9.00	0.65	14.40	1.03	20.40	1.48	21.90	1.57	23.30	1.68	24.80	1.80	26.40	1.93
	16	9.00	0.65	14.40	1.04	20.40	1.48	21.90	1.59	23.30	1.69	24.80	1.80	26.40	1.94
	18	9.00	0.65	14.40	1.04	20.40	1.50	21.90	1.61	23.30	1.71	24.80	1.84	26.40	1.99
	20	9.00	0.65	14.40	1.06	20.40	1.54	21.90	1.65	23.30	1.77	24.80	1.91	26.40	2.11
	21	10.20	0.74	15.60	1.17	21.50	1.73	22.90	1.88	24.30	2.03	25.70	2.19	27.30	2.51
	23	12.60	2.18	17.80	3.04	23.80	3.67	25.10	3.79	26.40	3.92	27.70	4.03	29.00	4.22
	25	15.00	3.20	20.10	3.65	26.10	4.26	27.30	4.40	28.70	4.55	29.60	4.66	30.80	4.89
	27	17.50	3.73	22.60	4.27	28.40	5.02	29.60	5.19	30.80	5.35	31.70	5.47	34.50	6.00
	29	20.10	4.43	25.00	5.09	30.80	6.00	32.00	6.19	33.10	6.39	35.20	6.74	40.80	7.99
	31	22.70	5.36	27.60	6.13	33.30	7.19	34.30	7.39	37.30	7.98	41.60	8.89	47.10	10.40
	33	25.40	6.44	30.10	7.26	35.90	8.48	39.40	9.32	43.90	10.44	48.00	11.53	53.30	13.40
	35	28.20	7.69	32.90	8.61	42.00	11.03	46.00	12.19	50.40	13.57	54.40	14.88	59.60	17.19
	37	28.20	8.14	32.90	9.14	42.00	11.73	46.00	12.97	50.40	14.44	54.40	15.83	59.60	18.29
	39	28.20	8.64	32.90	9.72	42.00	12.48	46.00	13.79	50.40	15.36	54.40	16.84	59.60	19.46
	41	28.20	9.18	32.90	10.33	42.00	13.27	46.00	14.67	50.40	16.34	54.40	17.92	59.60	20.72
	43	28.20	9.76	32.90	10.99	42.00	14.12	46.00	15.61	50.40	17.39	54.40	19.08	59.60	22.08
	46	28.20	10.72	32.90	12.07	42.00	15.49	46.00	17.14	50.40	19.10	54.40	20.96	59.60	24.33

11. ARUM280LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	28.20	11.41	32.90	12.85	42.00	16.48	46.00	18.23	50.40	20.33	54.40	22.33	59.60	26.01
	50	28.20	12.15	32.90	13.67	42.00	17.54	46.00	19.42	50.40	21.66	54.40	23.82	59.30	27.71
	52	28.20	12.94	32.90	14.56	42.00	18.67	46.00	20.67	50.40	23.10	53.60	24.82	53.10	24.98
60	10	7.70	0.55	12.40	0.89	17.50	1.26	18.70	1.35	20.00	1.44	21.20	1.53	22.60	1.64
	12	7.70	0.55	12.40	0.89	17.50	1.26	18.70	1.35	20.00	1.44	21.20	1.53	22.60	1.64
	14	7.70	0.55	12.40	0.89	17.50	1.26	18.70	1.35	20.00	1.44	21.20	1.53	22.60	1.64
	16	7.70	0.56	12.40	0.89	17.50	1.27	18.70	1.35	20.00	1.44	21.20	1.54	22.60	1.66
	18	7.70	0.56	12.40	0.89	17.50	1.27	18.70	1.36	20.00	1.46	21.20	1.56	22.60	1.68
	20	7.70	0.56	12.40	0.90	17.50	1.29	18.70	1.40	20.00	1.50	21.20	1.61	22.60	1.75
	21	8.70	0.63	13.30	0.99	18.40	1.44	19.60	1.55	20.80	1.67	22.10	1.79	23.30	2.01
	23	10.70	1.54	15.30	2.32	20.30	3.38	21.50	3.47	22.70	3.58	23.80	3.67	24.90	3.83
	25	12.80	2.99	17.30	3.37	22.40	3.87	23.40	3.98	24.50	4.10	25.40	4.19	26.40	4.38
	27	15.00	3.44	19.40	3.89	24.30	4.50	25.40	4.63	26.40	4.76	27.10	4.86	29.60	5.28
	29	17.20	4.03	21.50	4.56	26.40	5.29	27.30	5.45	28.40	5.60	30.10	5.89	35.00	6.85
	31	19.40	4.80	23.60	5.43	28.50	6.31	29.40	6.47	32.00	6.94	35.70	7.64	40.30	8.82
	33	21.70	5.72	25.90	6.40	30.80	7.37	33.80	8.02	37.60	8.88	41.10	9.73	45.70	11.18
	35	24.20	6.78	28.20	7.52	36.00	9.40	39.40	10.30	43.20	11.38	46.60	12.38	51.10	14.15
	37	24.20	7.17	28.20	7.96	36.00	9.99	39.40	10.96	43.20	12.10	46.60	13.16	51.10	15.05
	39	24.20	7.60	28.20	8.45	36.00	10.62	39.40	11.65	43.20	12.87	46.60	14.00	51.10	16.02
	41	24.20	8.07	28.20	8.99	36.00	11.30	39.40	12.40	43.20	13.69	46.60	14.90	51.10	17.04
	43	24.20	8.58	28.20	9.55	36.00	12.03	39.40	13.20	43.20	14.56	46.60	15.85	51.10	18.13
	46	24.20	9.41	28.20	10.49	36.00	13.20	39.40	14.48	43.20	15.98	46.60	17.40	51.10	19.91
	48	24.20	10.03	28.20	11.17	36.00	14.04	39.40	15.40	43.20	17.01	46.60	18.52	51.10	21.21
	50	24.20	10.68	28.20	11.90	36.00	14.94	39.40	16.39	43.20	18.09	46.60	19.72	51.10	22.62
	52	24.20	11.38	28.20	12.67	36.00	15.90	39.40	17.44	43.20	19.26	46.60	20.99	51.10	24.14
50	10	6.50	0.46	10.30	0.73	14.50	1.05	15.60	1.12	16.60	1.19	17.70	1.27	18.90	1.37
	12	6.50	0.46	10.30	0.73	14.50	1.05	15.60	1.12	16.60	1.19	17.70	1.27	18.90	1.37
	14	6.50	0.46	10.30	0.73	14.50	1.05	15.60	1.12	16.60	1.20	17.70	1.27	18.90	1.37
	16	6.50	0.46	10.30	0.74	14.50	1.05	15.60	1.12	16.60	1.20	17.70	1.28	18.90	1.37
	18	6.50	0.47	10.30	0.74	14.50	1.05	15.60	1.13	16.60	1.20	17.70	1.29	18.90	1.39
	20	6.50	0.47	10.30	0.74	14.50	1.06	15.60	1.15	16.60	1.22	17.70	1.31	18.90	1.43
	21	7.20	0.53	11.10	0.81	15.40	1.15	16.40	1.24	17.30	1.33	18.40	1.43	19.40	1.58
	23	8.90	1.07	12.80	1.58	17.00	2.81	17.90	3.06	18.90	3.26	19.80	3.33	20.70	3.47
	25	10.90	2.82	14.40	3.11	18.60	3.50	19.60	3.59	20.50	3.68	21.20	3.75	22.00	3.90
	27	12.50	3.16	16.10	3.52	20.30	4.00	21.20	4.11	22.00	4.21	22.60	4.29	24.60	4.61
	29	14.30	3.64	17.90	4.06	22.00	4.64	22.80	4.75	23.60	4.88	25.20	5.10	29.10	5.83
	31	16.20	4.26	19.70	4.75	23.80	5.45	24.50	5.58	26.60	5.96	29.70	6.52	33.60	7.41
	33	18.20	5.02	21.50	5.58	25.60	6.35	28.20	6.85	31.30	7.50	34.30	8.13	38.10	9.20
	35	20.10	5.89	23.50	6.49	30.10	7.94	32.90	8.61	36.00	9.40	38.90	10.16	42.50	11.46
	37	20.10	6.21	23.50	6.87	30.10	8.42	32.90	9.15	36.00	9.99	38.90	10.79	42.50	12.20
	39	20.10	6.57	23.50	7.28	30.10	8.94	32.90	9.72	36.00	10.62	38.90	11.47	42.50	12.97
	41	20.10	6.96	23.50	7.72	30.10	9.50	32.90	10.33	36.00	11.31	38.90	12.21	42.50	13.80
	43	20.10	7.40	23.50	8.21	30.10	10.11	32.90	11.00	36.00	12.03	38.90	12.99	42.50	14.68
	46	20.10	8.14	23.50	9.03	30.10	11.10	32.90	12.07	36.00	13.20	38.90	14.25	42.50	16.10
	48	20.10	8.67	23.50	9.62	30.10	11.82	32.90	12.85	36.00	14.05	38.90	15.17	42.50	17.13
	50	20.10	9.24	23.50	10.25	30.10	12.59	32.90	13.68	36.00	14.95	38.90	16.13	42.50	18.24
	52	20.10	9.88	23.50	10.92	30.10	13.40	32.90	14.56	36.00	15.91	38.90	17.18	42.50	19.42

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

11. ARUM280LTE6

11.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	52.40	25.50	52.10	25.72	51.60	25.93	51.40	26.04	51.20	26.14	50.90	26.36
	-24.8	-25	61.10	26.81	60.60	27.05	60.20	27.29	60.00	27.41	59.80	27.53	59.30	27.76
	-21.8	-22	66.50	27.56	66.00	27.82	65.50	28.07	65.30	28.20	65.00	28.32	64.60	28.56
	-19.8	-20	70.40	28.07	69.80	28.33	69.30	28.60	69.00	28.73	68.80	28.86	68.30	29.11
	-18.8	-19	72.30	28.33	71.80	28.59	71.30	28.86	71.00	28.99	70.70	29.12	70.20	29.38
	-16.7	-17	76.30	28.84	75.80	29.12	75.30	29.39	75.00	29.53	74.70	29.66	74.20	29.93
	-15	-15.9	78.80	29.14	78.20	29.42	77.70	29.70	77.40	29.84	77.10	29.98	76.50	30.24
	-13.7	-15	81.10	29.41	80.50	29.71	79.90	30.00	79.70	30.15	79.40	30.28	78.90	30.56
	-11.8	-13	85.20	29.90	84.50	30.19	84.00	30.49	83.60	30.64	83.30	30.77	82.80	31.05
	-9.8	-11	89.70	30.42	89.00	30.72	88.40	31.03	88.20	31.18	87.80	31.33	87.20	31.61
	-9.5	-10	92.00	30.67	91.30	30.98	90.60	31.28	90.30	31.44	90.00	31.59	89.30	31.88
	-8.5	-9.1	94.10	30.91	93.40	31.23	92.70	31.54	92.40	31.69	92.10	31.84	91.50	32.14
	-7	-7.6	97.80	31.32	97.10	31.64	96.40	31.96	96.10	32.12	95.70	32.27	95.00	32.57
	-5	-5.6	103.0	31.87	102.2	32.21	101.5	32.52	101.1	32.69	100.8	32.85	100.1	33.15
	-3	-3.7	108.1	32.41	107.3	32.75	106.5	33.08	106.2	33.25	105.7	33.41	100.3	31.34
	0	-0.7	116.5	33.27	115.6	33.62	114.6	33.91	111.1	32.53	107.5	31.17	100.3	28.53
	3	2.2	124.9	34.10	121.8	33.47	114.6	30.93	111.1	29.69	107.5	28.46	100.3	26.09
	5	4.1	129.0	33.98	121.8	31.52	114.6	29.16	111.1	27.99	107.5	26.85	100.3	24.62
	7	6	129.0	31.96	121.8	29.67	114.6	27.45	111.1	26.36	107.5	25.28	100.3	23.20
	9	7.9	129.0	29.99	121.8	27.86	114.6	25.78	111.1	24.77	107.5	23.77	100.3	21.83
	11	9.8	129.0	28.12	121.8	26.13	114.6	24.21	111.1	23.26	107.5	22.34	100.3	20.53
	13	11.8	129.0	26.26	121.8	24.43	114.6	22.65	111.1	21.78	107.5	20.92	100.3	19.24
	15	13.7	129.0	24.59	121.8	22.90	114.6	21.24	111.1	20.43	107.5	19.64	100.3	18.09
120	-30	-30.2	52.20	25.62	51.80	25.83	51.40	26.05	51.20	26.16	51.00	26.26	50.70	26.47
	-24.8	-25	60.80	26.97	60.30	27.21	59.90	27.44	59.70	27.56	59.50	27.67	59.10	27.90
	-21.8	-22	66.20	27.75	65.70	28.00	65.20	28.25	65.00	28.37	64.80	28.50	64.30	28.73
	-19.8	-20	69.90	28.27	69.40	28.53	69.00	28.79	68.70	28.92	68.50	29.04	68.00	29.29
	-18.8	-19	71.90	28.53	71.40	28.81	70.90	29.06	70.60	29.19	70.40	29.32	69.90	29.57
	-16.7	-17	75.90	29.07	75.30	29.35	74.80	29.62	74.60	29.75	74.30	29.88	73.80	30.14
	-15	-15.9	78.20	29.38	77.70	29.66	77.20	29.93	76.90	30.08	76.70	30.21	76.10	30.47
	-13.7	-15	80.60	29.67	80.00	29.97	79.50	30.25	79.20	30.39	79.00	30.53	78.40	30.80
	-11.8	-13	84.50	30.18	84.00	30.47	83.30	30.75	83.10	30.90	82.80	31.03	82.20	31.31
	-9.8	-11	89.10	30.72	88.40	31.03	87.80	31.33	87.50	31.47	87.20	31.61	86.60	31.89
	-9.5	-10	91.30	30.99	90.60	31.30	89.90	31.59	89.60	31.74	89.30	31.89	88.70	32.17
	-8.5	-9.1	93.40	31.25	92.70	31.55	92.10	31.86	91.70	32.01	91.40	32.15	90.80	32.44
	-7	-7.6	97.10	31.68	96.40	31.99	95.70	32.30	95.40	32.45	95.00	32.60	92.60	31.94
	-5	-5.6	102.1	32.26	101.3	32.58	100.6	32.90	100.3	33.05	99.20	32.82	92.60	30.03
	-3	-3.7	107.1	32.82	106.4	33.15	105.5	33.48	102.5	32.24	99.20	30.90	92.60	28.29
	0	-0.7	115.3	33.73	112.5	33.05	105.9	30.55	102.5	29.34	99.20	28.13	92.60	25.79
	3	2.2	119.0	32.49	112.5	30.17	105.9	27.91	102.5	26.81	99.20	25.72	92.60	23.61
	5	4.1	119.0	30.60	112.5	28.44	105.9	26.34	102.5	25.31	99.20	24.29	92.60	22.31
	7	6	119.0	28.81	112.5	26.77	105.9	24.80	102.5	23.83	99.20	22.88	92.60	21.02
	9	7.9	119.0	27.04	112.5	25.16	105.9	23.32	102.5	22.42	99.20	21.54	92.60	19.80
	11	9.8	119.0	25.39	112.5	23.63	105.9	21.92	102.5	21.08	99.20	20.26	92.60	18.64
	13	11.8	119.0	23.73	112.5	22.11	105.9	20.53	102.5	19.75	99.20	18.98	92.60	17.50

11. ARUM280LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	119.0	22.25	112.5	20.74	105.9	19.28	102.5	18.56	99.20	17.84	92.60	16.45
110	-30	-30.2	51.90	25.76	51.60	25.98	51.20	26.18	51.00	26.29	50.80	26.39	50.50	26.59
	-24.8	-25	60.50	27.15	60.00	27.39	59.60	27.62	59.40	27.74	59.10	27.84	58.70	28.07
	-21.8	-22	65.70	27.97	65.30	28.21	64.80	28.45	64.60	28.58	64.30	28.69	64.00	28.93
	-19.8	-20	69.50	28.51	69.00	28.76	68.50	29.02	68.30	29.14	68.00	29.27	67.50	29.50
	-18.8	-19	71.40	28.78	70.90	29.04	70.40	29.30	70.10	29.42	69.90	29.55	69.40	29.80
	-16.7	-17	75.30	29.34	74.80	29.61	74.30	29.88	74.10	30.01	73.80	30.13	73.20	30.39
	-15	-15.9	77.70	29.67	77.20	29.94	76.70	30.21	76.40	30.34	76.00	30.47	75.50	30.73
	-13.7	-15	80.00	29.98	79.50	30.26	78.90	30.54	78.70	30.68	78.40	30.81	77.90	31.07
	-11.8	-13	83.90	30.50	83.30	30.79	82.80	31.07	82.40	31.20	82.10	31.34	81.60	31.61
	-9.8	-11	88.30	31.08	87.70	31.38	87.10	31.66	86.80	31.81	86.50	31.94	84.90	31.64
	-9.5	-10	90.50	31.36	89.80	31.66	89.20	31.94	88.90	32.09	88.60	32.23	84.90	30.75
	-8.5	-9.1	92.60	31.63	91.90	31.93	91.30	32.22	91.00	32.37	90.70	32.52	84.90	29.92
	-7	-7.6	96.20	32.08	95.50	32.39	94.80	32.69	94.00	32.55	91.00	31.22	84.90	28.58
	-5	-5.6	101.1	32.70	100.4	33.01	97.00	31.88	94.00	30.60	91.00	29.34	84.90	26.89
	-3	-3.7	106.0	33.30	103.1	32.47	97.00	30.02	94.00	28.83	91.00	27.65	84.90	25.36
	0	-0.7	109.2	31.80	103.1	29.53	97.00	27.34	94.00	26.27	91.00	25.21	84.90	23.15
	3	2.2	109.2	29.03	103.1	26.99	97.00	25.01	94.00	24.05	91.00	23.09	84.90	21.22
	5	4.1	109.2	27.38	103.1	25.47	97.00	23.62	94.00	22.72	91.00	21.83	84.90	20.07
	7	6	109.2	25.78	103.1	23.99	97.00	22.26	94.00	21.41	91.00	20.57	84.90	18.94
	9	7.9	109.2	24.24	103.1	22.57	97.00	20.95	94.00	20.16	91.00	19.38	84.90	17.85
	11	9.8	109.2	22.77	103.1	21.22	97.00	19.71	94.00	18.98	91.00	18.25	84.90	16.83
	13	11.8	109.2	21.31	103.1	19.88	97.00	18.48	94.00	17.80	91.00	17.12	84.90	15.80
	15	13.7	109.2	20.01	103.1	18.68	97.00	17.38	94.00	16.75	91.00	16.11	84.90	14.89
100	-30	-30.2	51.60	25.93	51.20	26.14	50.90	26.34	50.70	26.44	50.50	26.55	50.20	26.75
	-24.8	-25	60.10	27.37	59.60	27.60	59.20	27.83	58.90	27.94	58.80	28.05	58.40	28.27
	-21.8	-22	65.30	28.22	64.80	28.46	64.30	28.70	64.10	28.81	64.00	28.93	63.50	29.16
	-19.8	-20	69.00	28.78	68.50	29.04	68.00	29.29	67.80	29.40	67.50	29.52	67.10	29.76
	-18.8	-19	70.80	29.07	70.40	29.32	69.90	29.58	69.60	29.70	69.40	29.83	68.90	30.06
	-16.7	-17	74.70	29.66	74.20	29.92	73.70	30.18	73.40	30.31	73.20	30.43	72.70	30.67
	-15	-15.9	77.00	30.00	76.50	30.27	76.00	30.53	75.70	30.66	75.50	30.79	75.00	31.03
	-13.7	-15	79.40	30.33	78.80	30.61	78.30	30.89	78.00	31.02	77.80	31.15	77.20	31.34
	-11.8	-13	83.10	30.88	82.50	31.16	82.00	31.43	81.70	31.56	81.40	31.69	77.20	29.72
	-9.8	-11	87.50	31.49	86.80	31.78	86.30	32.06	85.40	31.90	82.60	30.59	77.20	28.03
	-9.5	-10	89.60	31.79	88.90	32.07	88.20	32.30	85.40	31.00	82.60	29.74	77.20	27.26
	-8.5	-9.1	91.60	32.07	91.00	32.37	88.20	31.41	85.40	30.17	82.60	28.93	77.20	26.54
	-7	-7.6	95.10	32.55	93.70	32.44	88.20	30.01	85.40	28.82	82.60	27.65	77.20	25.37
	-5	-5.6	99.20	32.82	93.70	30.48	88.20	28.22	85.40	27.11	82.60	26.02	77.20	23.89
	-3	-3.7	99.20	30.91	93.70	28.72	88.20	26.60	85.40	25.57	82.60	24.55	77.20	22.55
	0	-0.7	99.20	28.13	93.70	26.17	88.20	24.26	85.40	23.33	82.60	22.41	77.20	20.61
	3	2.2	99.20	25.73	93.70	23.96	88.20	22.24	85.40	21.40	82.60	20.56	77.20	18.94
	5	4.1	99.20	24.29	93.70	22.64	88.20	21.02	85.40	20.23	82.60	19.45	77.20	17.92
	7	6	99.20	22.88	93.70	21.33	88.20	19.82	85.40	19.08	82.60	18.35	77.20	16.92
	9	7.9	99.20	21.54	93.70	20.08	88.20	18.68	85.40	17.98	82.60	17.30	77.20	15.97
	11	9.8	99.20	20.26	93.70	18.91	88.20	17.60	85.40	16.96	82.60	16.32	77.20	15.07
	13	11.8	99.20	18.98	93.70	17.74	88.20	16.52	85.40	15.93	82.60	15.34	77.20	14.17
	15	13.7	99.20	17.84	93.70	16.68	88.20	15.55	85.40	15.00	82.60	14.45	77.20	13.38

11. ARUM280LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	51.20	26.13	50.90	26.34	50.50	26.54	50.40	26.64	50.20	26.74	49.80	26.94
	-24.8	-25	59.60	27.63	59.10	27.86	58.70	28.07	58.60	28.19	58.40	28.30	57.90	28.51
	-21.8	-22	64.70	28.52	64.30	28.75	63.80	28.99	63.60	29.11	63.40	29.21	63.00	29.44
	-19.8	-20	68.30	29.12	67.80	29.36	67.30	29.60	67.10	29.72	66.90	29.83	66.40	30.06
	-18.8	-19	70.20	29.42	69.70	29.67	69.20	29.91	68.90	30.03	68.70	30.15	68.20	30.38
	-16.7	-17	73.90	30.04	73.40	30.29	72.90	30.54	72.70	30.67	72.50	30.79	69.50	29.40
	-15	-15.9	76.20	30.40	75.70	30.66	75.20	30.92	75.00	31.04	74.40	30.98	69.50	28.38
	-13.7	-15	78.50	30.76	78.00	31.02	77.50	31.29	76.90	31.20	74.40	29.90	69.50	27.39
	-11.8	-13	82.10	31.33	81.60	31.60	79.40	30.82	76.90	29.59	74.40	28.37	69.50	26.01
	-9.8	-11	86.40	31.99	84.30	31.37	79.40	29.05	76.90	27.91	74.40	26.79	69.50	24.60
	-9.5	-10	88.40	32.30	84.30	30.50	79.40	28.25	76.90	27.15	74.40	26.06	69.50	23.94
	-8.5	-9.1	89.30	31.92	84.30	29.68	79.40	27.49	76.90	26.41	74.40	25.36	69.50	23.30
	-7	-7.6	89.30	30.49	84.30	28.35	79.40	26.28	76.90	25.26	74.40	24.26	69.50	22.29
	-5	-5.6	89.30	28.66	84.30	26.68	79.40	24.73	76.90	23.78	74.40	22.85	69.50	21.01
	-3	-3.7	89.30	27.03	84.30	25.16	79.40	23.34	76.90	22.45	74.40	21.57	69.50	19.86
	0	-0.7	89.30	24.64	84.30	22.97	79.40	21.33	76.90	20.53	74.40	19.74	69.50	18.18
	3	2.2	89.30	22.58	84.30	21.06	79.40	19.59	76.90	18.86	74.40	18.14	69.50	16.74
	5	4.1	89.30	21.34	84.30	19.92	79.40	18.53	76.90	17.84	74.40	17.17	69.50	15.85
	7	6	89.30	20.12	84.30	18.79	79.40	17.49	76.90	16.85	74.40	16.22	69.50	14.99
	9	7.9	89.30	18.96	84.30	17.71	79.40	16.50	76.90	15.91	74.40	15.32	69.50	14.17
	11	9.8	89.30	17.86	84.30	16.70	79.40	15.57	76.90	15.01	74.40	14.46	69.50	13.38
	13	11.8	89.30	16.76	84.30	15.68	79.40	14.63	76.90	14.12	74.40	13.61	69.50	12.61
	15	13.7	89.30	15.78	84.30	14.78	79.40	13.80	76.90	13.32	74.40	12.85	69.50	11.91
80	-30	-30.2	50.90	26.38	50.50	26.58	50.20	26.77	50.00	26.87	49.80	26.97	49.50	27.16
	-24.8	-25	58.90	27.95	58.60	28.17	58.20	28.39	57.90	28.49	57.70	28.60	57.40	28.80
	-21.8	-22	64.00	28.88	63.60	29.11	63.10	29.34	62.90	29.45	62.80	29.56	61.80	29.39
	-19.8	-20	67.50	29.52	67.10	29.75	66.60	29.98	66.40	30.10	66.00	30.17	61.80	27.72
	-18.8	-19	69.40	29.84	68.90	30.08	68.40	30.31	68.20	30.43	66.10	29.34	61.80	26.94
	-16.7	-17	73.10	30.49	72.50	30.74	70.50	29.99	68.40	28.82	66.10	27.66	61.80	25.42
	-15	-15.9	75.30	30.88	74.80	31.13	70.50	28.95	68.40	27.82	66.10	26.70	61.80	24.50
	-13.7	-15	77.50	31.27	74.90	30.19	70.50	27.95	68.40	26.85	66.10	25.76	61.80	23.65
	-11.8	-13	79.40	30.82	74.90	28.64	70.50	26.53	68.40	25.49	66.10	24.47	61.80	22.47
	-9.8	-11	79.40	29.05	74.90	27.03	70.50	25.08	68.40	24.11	66.10	23.15	61.80	21.29
	-9.5	-10	79.40	28.25	74.90	26.30	70.50	24.40	68.40	23.47	66.10	22.54	61.80	20.75
	-8.5	-9.1	79.40	27.49	74.90	25.59	70.50	23.75	68.40	22.85	66.10	21.96	61.80	20.21
	-7	-7.6	79.40	26.28	74.90	24.47	70.50	22.72	68.40	21.87	66.10	21.01	61.80	19.35
	-5	-5.6	79.40	24.73	74.90	23.05	70.50	21.41	68.40	20.61	66.10	19.82	61.80	18.27
	-3	-3.7	79.40	23.34	74.90	21.76	70.50	20.23	68.40	19.48	66.10	18.74	61.80	17.29
	0	-0.7	79.40	21.33	74.90	19.92	70.50	18.52	68.40	17.85	66.10	17.18	61.80	15.87
	3	2.2	79.40	19.59	74.90	18.30	70.50	17.05	68.40	16.43	66.10	15.83	61.80	14.63
	5	4.1	79.40	18.53	74.90	17.32	70.50	16.14	68.40	15.56	66.10	14.99	61.80	13.87
	7	6	79.40	17.49	74.90	16.36	70.50	15.25	68.40	14.71	66.10	14.18	61.80	13.13
	9	7.9	79.40	16.50	74.90	15.45	70.50	14.42	68.40	13.91	66.10	13.41	61.80	12.43
	11	9.8	79.40	15.57	74.90	14.58	70.50	13.62	68.40	13.15	66.10	12.68	61.80	11.77
	13	11.8	79.40	14.63	74.90	13.72	70.50	12.83	68.40	12.39	66.10	11.96	61.80	11.11
	15	13.7	79.40	13.80	74.90	12.95	70.50	12.12	68.40	11.71	66.10	11.31	61.80	10.51
70	-30	-30.2	50.30	26.69	50.00	26.89	49.60	27.07	49.50	27.17	49.30	27.27	49.00	27.45

11. ARUM280LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	58.20	28.35	57.90	28.57	57.40	28.77	57.20	28.87	57.00	28.97	54.00	27.20
	-21.8	-22	63.10	29.34	62.70	29.56	61.80	29.39	59.80	28.25	57.90	27.14	54.00	24.95
	-19.8	-20	66.60	30.02	65.60	29.89	61.80	27.72	59.80	26.66	57.90	25.61	54.00	23.56
	-18.8	-19	68.30	30.36	65.60	29.03	61.80	26.94	59.80	25.91	57.90	24.89	54.00	22.90
	-16.7	-17	69.50	29.41	65.60	27.38	61.80	25.42	59.80	24.45	57.90	23.49	54.00	21.62
	-15	-15.9	69.50	28.38	65.60	26.43	61.80	24.50	59.80	23.57	57.90	22.64	54.00	20.83
	-13.7	-15	69.50	27.40	65.60	25.50	61.80	23.65	59.80	22.75	57.90	21.85	54.00	20.11
	-11.8	-13	69.50	26.01	65.60	24.21	61.80	22.47	59.80	21.61	57.90	20.76	54.00	19.11
	-9.8	-11	69.50	24.60	65.60	22.92	61.80	21.29	59.80	20.48	57.90	19.68	54.00	18.12
	-9.5	-10	69.50	23.94	65.60	22.32	61.80	20.75	59.80	19.98	57.90	19.22	54.00	17.73
	-8.5	-9.1	69.50	23.30	65.60	21.74	61.80	20.21	59.80	19.47	57.90	18.73	54.00	17.28
	-7	-7.6	69.50	22.29	65.60	20.81	61.80	19.35	59.80	18.65	57.90	17.94	54.00	16.56
	-5	-5.6	69.50	21.01	65.60	19.62	61.80	18.27	59.80	17.61	57.90	16.94	54.00	15.66
	-3	-3.7	69.50	19.86	65.60	18.56	61.80	17.29	59.80	16.66	57.90	16.05	54.00	14.84
	0	-0.7	69.50	18.18	65.60	17.01	61.80	15.87	59.80	15.30	57.90	14.74	54.00	13.65
	3	2.2	69.50	16.74	65.60	15.68	61.80	14.63	59.80	14.12	57.90	13.61	54.00	12.62
	5	4.1	69.50	15.85	65.60	14.85	61.80	13.87	59.80	13.39	57.90	12.91	54.00	11.98
	7	6	69.50	14.99	65.60	14.05	61.80	13.13	59.80	12.68	57.90	12.23	54.00	11.36
	9	7.9	69.50	14.17	65.60	13.29	61.80	12.43	59.80	12.01	57.90	11.59	54.00	10.77
	11	9.8	69.50	13.39	65.60	12.57	61.80	11.77	59.80	11.37	57.90	10.99	54.00	10.22
	13	11.8	69.50	12.62	65.60	11.85	61.80	11.11	59.80	10.74	57.90	10.38	54.00	9.67
	15	13.7	69.50	11.91	65.60	11.21	61.80	10.51	59.80	10.17	57.90	9.83	54.00	9.17
60	-30	-30.2	49.50	27.09	49.30	27.27	48.90	27.46	48.80	27.55	48.60	27.64	46.30	26.21
	-24.8	-25	57.20	28.86	56.20	28.56	52.90	26.52	51.30	25.52	49.60	24.53	46.30	22.59
	-21.8	-22	59.50	28.09	56.20	26.19	52.90	24.33	51.30	23.42	49.60	22.52	46.30	20.75
	-19.8	-20	59.50	26.51	56.20	24.73	52.90	22.98	51.30	22.13	49.60	21.28	46.30	19.62
	-18.8	-19	59.50	25.76	56.20	24.03	52.90	22.34	51.30	21.51	49.60	20.69	46.30	19.08
	-16.7	-17	59.50	24.31	56.20	22.69	52.90	21.10	51.30	20.32	49.60	19.56	46.30	18.04
	-15	-15.9	59.50	23.43	56.20	21.86	52.90	20.31	51.30	19.56	49.60	18.81	46.30	17.35
	-13.7	-15	59.50	22.62	56.20	21.10	52.90	19.62	51.30	18.89	49.60	18.18	46.30	16.77
	-11.8	-13	59.50	21.49	56.20	20.05	52.90	18.65	51.30	17.96	49.60	17.28	46.30	15.95
	-9.8	-11	59.50	20.36	56.20	19.01	52.90	17.69	51.30	17.04	49.60	16.40	46.30	15.14
	-9.5	-10	59.50	19.87	56.20	18.58	52.90	17.31	51.30	16.69	49.60	16.08	46.30	14.87
	-8.5	-9.1	59.50	19.36	56.20	18.11	52.90	16.88	51.30	16.27	49.60	15.67	46.30	14.50
	-7	-7.6	59.50	18.54	56.20	17.35	52.90	16.18	51.30	15.60	49.60	15.04	46.30	13.92
	-5	-5.6	59.50	17.51	56.20	16.39	52.90	15.30	51.30	14.76	49.60	14.23	46.30	13.18
	-3	-3.7	59.50	16.58	56.20	15.53	52.90	14.50	51.30	13.99	49.60	13.50	46.30	12.51
	0	-0.7	59.50	15.23	56.20	14.28	52.90	13.34	51.30	12.88	49.60	12.43	46.30	11.54
	3	2.2	59.50	14.05	56.20	13.18	52.90	12.34	51.30	11.93	49.60	11.51	46.30	10.71
	5	4.1	59.50	13.32	56.20	12.51	52.90	11.72	51.30	11.32	49.60	10.94	46.30	10.18
	7	6	59.50	12.62	56.20	11.85	52.90	11.12	51.30	10.75	49.60	10.39	46.30	9.67
	9	7.9	59.50	11.95	56.20	11.24	52.90	10.54	51.30	10.21	49.60	9.87	46.30	9.20
	11	9.8	59.50	11.32	56.20	10.66	52.90	10.01	51.30	9.69	49.60	9.37	46.30	8.75
	13	11.8	59.50	10.69	56.20	10.07	52.90	9.47	51.30	9.17	49.60	8.87	46.30	8.29
	15	13.7	59.50	10.12	56.20	9.54	52.90	8.98	51.30	8.70	49.60	8.43	46.30	7.89
50	-30	-30.2	48.60	27.63	46.90	26.59	44.10	24.72	42.70	23.80	41.30	22.89	38.50	21.11
	-24.8	-25	49.60	24.53	46.90	22.91	44.10	21.32	42.70	20.55	41.30	19.77	38.50	18.26

11. ARUM280LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	49.60	22.52	46.90	21.04	44.10	19.60	42.70	18.89	41.30	18.19	38.50	16.81
	-19.8	-20	49.60	21.28	46.90	19.89	44.10	18.54	42.70	17.88	41.30	17.21	38.50	15.92
	-18.8	-19	49.60	20.69	46.90	19.35	44.10	18.03	42.70	17.39	41.30	16.74	38.50	15.49
	-16.7	-17	49.60	19.56	46.90	18.29	44.10	17.06	42.70	16.45	41.30	15.86	38.50	14.67
	-15	-15.9	49.60	18.81	46.90	17.60	44.10	16.40	42.70	15.81	41.30	15.23	38.50	14.10
	-13.7	-15	49.60	18.18	46.90	16.99	44.10	15.85	42.70	15.28	41.30	14.73	38.50	13.63
	-11.8	-13	49.60	17.28	46.90	16.17	44.10	15.08	42.70	14.55	41.30	14.02	38.50	12.99
	-9.8	-11	49.60	16.40	46.90	15.34	44.10	14.33	42.70	13.82	41.30	13.32	38.50	12.35
	-9.5	-10	49.60	16.08	46.90	15.07	44.10	14.08	42.70	13.59	41.30	13.12	38.50	12.17
	-8.5	-9.1	49.60	15.67	46.90	14.69	44.10	13.74	42.70	13.27	41.30	12.80	38.50	11.88
	-7	-7.6	49.60	15.04	46.90	14.11	44.10	13.19	42.70	12.74	41.30	12.30	38.50	11.43
	-5	-5.6	49.60	14.23	46.90	13.35	44.10	12.50	42.70	12.08	41.30	11.66	38.50	10.84
	-3	-3.7	49.60	13.50	46.90	12.68	44.10	11.87	42.70	11.47	41.30	11.09	38.50	10.32
	0	-0.7	49.60	12.44	46.90	11.69	44.10	10.96	42.70	10.61	41.30	10.26	38.50	9.56
	3	2.2	49.60	11.51	46.90	10.85	44.10	10.18	42.70	9.85	41.30	9.53	38.50	8.89
	5	4.1	49.60	10.94	46.90	10.30	44.10	9.68	42.70	9.38	41.30	9.07	38.50	8.48
	7	6	49.60	10.39	46.90	9.79	44.10	9.21	42.70	8.92	41.30	8.64	38.50	8.08
	9	7.9	49.60	9.87	46.90	9.31	44.10	8.76	42.70	8.49	41.30	8.23	38.50	7.70
	11	9.8	49.60	9.37	46.90	8.85	44.10	8.34	42.70	8.09	41.30	7.84	38.50	7.35
	13	11.8	49.60	8.87	46.90	8.39	44.10	7.91	42.70	7.67	41.30	7.45	38.50	6.99
	15	13.7	49.60	8.43	46.90	7.97	44.10	7.53	42.70	7.31	41.30	7.09	38.50	6.66

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

11. ARUM280LTE6

11.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	52.40	25.50	52.10	25.72	51.60	25.93	51.40	26.04	51.20	26.14	50.90	26.36
	-24.8	-25	61.10	26.81	60.60	27.05	60.20	27.29	60.00	27.41	59.80	27.53	59.30	27.76
	-21.8	-22	66.50	27.56	66.00	27.82	65.50	28.07	65.30	28.20	65.00	28.32	64.60	28.56
	-19.8	-20	70.40	28.07	69.80	28.33	69.30	28.60	69.00	28.73	68.80	28.86	68.30	29.11
	-18.8	-19	72.30	28.33	71.80	28.59	71.30	28.86	71.00	28.99	70.70	29.12	70.20	29.38
	-16.7	-17	76.30	28.84	75.80	29.12	75.30	29.39	75.00	29.53	74.70	29.66	74.20	29.93
	-15	-15.9	78.80	29.14	78.20	29.42	77.70	29.70	77.40	29.84	77.10	29.98	76.50	30.24
	-13.7	-15	81.10	29.41	80.50	29.71	79.90	30.00	79.70	30.15	79.40	30.28	78.90	30.56
	-11.8	-13	85.20	29.90	84.50	30.19	84.00	30.49	83.60	30.64	83.30	30.77	82.80	31.05
	-9.8	-11	89.70	30.42	89.00	30.72	88.40	31.03	88.20	31.18	87.80	31.33	87.20	31.61
	-9.5	-10	92.00	30.67	91.30	30.98	90.60	31.28	90.30	31.44	90.00	31.59	89.30	31.88
	-8.5	-9.1	94.10	30.91	93.40	31.23	92.70	31.54	92.40	31.69	92.10	31.84	91.50	32.14
	-7	-7.6	97.80	31.32	97.10	31.64	96.40	31.96	96.10	32.12	95.70	32.27	95.00	32.57
	-5	-5.6	103.0	31.87	102.2	32.21	101.5	32.52	101.1	32.69	100.8	32.85	100.1	33.15
	-3	-3.7	108.1	32.41	107.3	32.75	106.5	33.08	106.2	33.25	105.7	33.41	100.3	31.34
	0	-0.7	116.5	33.27	115.6	33.62	114.6	33.91	111.1	32.53	107.5	31.17	100.3	28.53
	3	2.2	124.9	34.10	121.8	33.47	114.6	30.93	111.1	29.69	107.5	28.46	100.3	26.09
	5	4.1	122.1	30.88	114.8	28.53	107.6	26.27	104.0	25.16	100.3	24.06	93.10	21.93
	7	6	115.0	26.22	107.7	24.11	100.4	22.09	96.70	21.09	93.10	20.11	85.60	18.21
	9	7.9	107.6	22.01	100.3	20.16	92.90	18.37	89.20	17.49	85.40	16.63	77.90	14.94
	11	9.8	100.1	18.32	92.60	16.69	85.20	15.12	81.40	14.35	77.70	13.59	70.00	12.12
	13	11.8	92.20	15.02	84.70	13.61	77.20	12.25	73.30	11.58	69.50	10.93	61.80	9.65
	15	13.7	84.10	12.20	76.50	10.99	68.80	9.82	65.00	9.25	61.10	8.69	53.20	7.59
120	-30	-30.2	52.20	25.62	51.80	25.83	51.40	26.05	51.20	26.16	51.00	26.26	50.70	26.47
	-24.8	-25	60.80	26.97	60.30	27.21	59.90	27.44	59.70	27.56	59.50	27.67	59.10	27.90
	-21.8	-22	66.20	27.75	65.70	28.00	65.20	28.25	65.00	28.37	64.80	28.50	64.30	28.73
	-19.8	-20	69.90	28.27	69.40	28.53	69.00	28.79	68.70	28.92	68.50	29.04	68.00	29.29
	-18.8	-19	71.90	28.53	71.40	28.81	70.90	29.06	70.60	29.19	70.40	29.32	69.90	29.57
	-16.7	-17	75.90	29.07	75.30	29.35	74.80	29.62	74.60	29.75	74.30	29.88	73.80	30.14
	-15	-15.9	78.20	29.38	77.70	29.66	77.20	29.93	76.90	30.08	76.70	30.21	76.10	30.47
	-13.7	-15	80.60	29.67	80.00	29.97	79.50	30.25	79.20	30.39	79.00	30.53	78.40	30.80
	-11.8	-13	84.50	30.18	84.00	30.47	83.30	30.75	83.10	30.90	82.80	31.03	82.20	31.31
	-9.8	-11	89.10	30.72	88.40	31.03	87.80	31.33	87.50	31.47	87.20	31.61	86.60	31.89
	-9.5	-10	91.30	30.99	90.60	31.30	89.90	31.59	89.60	31.74	89.30	31.89	88.70	32.17
	-8.5	-9.1	93.40	31.25	92.70	31.55	92.10	31.86	91.70	32.01	91.40	32.15	90.80	32.44
	-7	-7.6	97.10	31.68	96.40	31.99	95.70	32.30	95.40	32.45	95.00	32.60	92.60	31.94
	-5	-5.6	102.1	32.26	101.3	32.58	100.6	32.90	100.3	33.05	99.20	32.82	92.60	30.03
	-3	-3.7	107.1	32.82	106.4	33.15	105.5	33.48	102.5	32.24	99.20	30.90	92.60	28.29
	0	-0.7	115.3	33.73	112.5	33.05	105.9	30.55	102.5	29.34	99.20	28.13	92.60	25.79
	3	2.2	119.0	32.49	112.5	30.17	105.9	27.91	102.5	26.81	99.20	25.72	92.60	23.61
	5	4.1	112.7	27.86	106.0	25.77	99.40	23.76	96.00	22.77	92.60	21.79	85.90	19.90
	7	6	106.2	23.68	99.40	21.82	92.60	20.02	89.30	19.13	85.90	18.26	79.10	16.56
	9	7.9	99.40	19.94	92.60	18.29	85.70	16.70	82.30	15.91	78.90	15.14	71.90	13.64
	11	9.8	92.40	16.64	85.50	15.20	78.60	13.79	75.10	13.11	71.60	12.43	64.60	11.10
	13	11.8	85.20	13.69	78.20	12.44	71.20	11.22	67.70	10.62	64.20	10.03	57.00	8.89

11. ARUM280LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	77.70	11.17	70.70	10.09	63.50	9.04	60.00	8.53	56.40	8.03	49.20	7.03
110	-30	-30.2	51.90	25.76	51.60	25.98	51.20	26.18	51.00	26.29	50.80	26.39	50.50	26.59
	-24.8	-25	60.50	27.15	60.00	27.39	59.60	27.62	59.40	27.74	59.10	27.84	58.70	28.07
	-21.8	-22	65.70	27.97	65.30	28.21	64.80	28.45	64.60	28.58	64.30	28.69	64.00	28.93
	-19.8	-20	69.50	28.51	69.00	28.76	68.50	29.02	68.30	29.14	68.00	29.27	67.50	29.50
	-18.8	-19	71.40	28.78	70.90	29.04	70.40	29.30	70.10	29.42	69.90	29.55	69.40	29.80
	-16.7	-17	75.30	29.34	74.80	29.61	74.30	29.88	74.10	30.01	73.80	30.13	73.20	30.39
	-15	-15.9	77.70	29.67	77.20	29.94	76.70	30.21	76.40	30.34	76.00	30.47	75.50	30.73
	-13.7	-15	80.00	29.98	79.50	30.26	78.90	30.54	78.70	30.68	78.40	30.81	77.90	31.07
	-11.8	-13	83.90	30.50	83.30	30.79	82.80	31.07	82.40	31.20	82.10	31.34	81.60	31.61
	-9.8	-11	88.30	31.08	87.70	31.38	87.10	31.66	86.80	31.81	86.50	31.94	84.90	31.64
	-9.5	-10	90.50	31.36	89.80	31.66	89.20	31.94	88.90	32.09	88.60	32.23	84.90	30.75
	-8.5	-9.1	92.60	31.63	91.90	31.93	91.30	32.22	91.00	32.37	90.70	32.52	84.90	29.92
	-7	-7.6	96.20	32.08	95.50	32.39	94.80	32.69	94.00	32.55	91.00	31.22	84.90	28.58
	-5	-5.6	101.1	32.70	100.4	33.01	97.00	31.88	94.00	30.60	91.00	29.34	84.90	26.89
	-3	-3.7	106.0	33.30	103.1	32.47	97.00	30.02	94.00	28.83	91.00	27.65	84.90	25.36
	0	-0.7	109.2	31.80	103.1	29.53	97.00	27.34	94.00	26.27	91.00	25.21	84.90	23.15
	3	2.2	109.2	29.03	103.1	26.99	97.00	25.01	94.00	24.05	91.00	23.09	84.90	21.22
	5	4.1	103.3	24.95	97.20	23.12	91.00	21.34	88.00	20.47	84.90	19.61	78.80	17.93
	7	6	97.30	21.25	91.20	19.61	84.90	18.02	81.90	17.25	78.70	16.48	72.50	14.98
	9	7.9	91.10	17.95	84.90	16.50	78.60	15.09	75.40	14.40	72.30	13.71	66.00	12.38
	11	9.8	84.70	15.02	78.40	13.75	72.10	12.50	68.90	11.90	65.60	11.30	59.30	10.12
	13	11.8	78.00	12.41	71.70	11.30	65.30	10.22	62.10	9.70	58.80	9.18	52.30	8.15
	15	13.7	71.20	10.17	64.70	9.21	58.30	8.28	55.00	7.83	51.80	7.37	45.10	6.50
100	-30	-30.2	51.60	25.93	51.20	26.14	50.90	26.34	50.70	26.44	50.50	26.55	50.20	26.75
	-24.8	-25	60.10	27.37	59.60	27.60	59.20	27.83	58.90	27.94	58.80	28.05	58.40	28.27
	-21.8	-22	65.30	28.22	64.80	28.46	64.30	28.70	64.10	28.81	64.00	28.93	63.50	29.16
	-19.8	-20	69.00	28.78	68.50	29.04	68.00	29.29	67.80	29.40	67.50	29.52	67.10	29.76
	-18.8	-19	70.80	29.07	70.40	29.32	69.90	29.58	69.60	29.70	69.40	29.83	68.90	30.06
	-16.7	-17	74.70	29.66	74.20	29.92	73.70	30.18	73.40	30.31	73.20	30.43	72.70	30.67
	-15	-15.9	77.00	30.00	76.50	30.27	76.00	30.53	75.70	30.66	75.50	30.79	75.00	31.03
	-13.7	-15	79.40	30.33	78.80	30.61	78.30	30.89	78.00	31.02	77.80	31.15	77.20	31.34
	-11.8	-13	83.10	30.88	82.50	31.16	82.00	31.43	81.70	31.56	81.40	31.69	77.20	29.72
	-9.8	-11	87.50	31.49	86.80	31.78	86.30	32.06	85.40	31.90	82.60	30.59	77.20	28.03
	-9.5	-10	89.60	31.79	88.90	32.07	88.20	32.30	85.40	31.00	82.60	29.74	77.20	27.26
	-8.5	-9.1	91.60	32.07	91.00	32.37	88.20	31.41	85.40	30.17	82.60	28.93	77.20	26.54
	-7	-7.6	95.10	32.55	93.70	32.44	88.20	30.01	85.40	28.82	82.60	27.65	77.20	25.37
	-5	-5.6	99.20	32.82	93.70	30.48	88.20	28.22	85.40	27.11	82.60	26.02	77.20	23.89
	-3	-3.7	99.20	30.91	93.70	28.72	88.20	26.60	85.40	25.57	82.60	24.55	77.20	22.55
	0	-0.7	99.20	28.13	93.70	26.17	88.20	24.26	85.40	23.33	82.60	22.41	77.20	20.61
	3	2.2	99.20	25.73	93.70	23.96	88.20	22.24	85.40	21.40	82.60	20.56	77.20	18.94
	5	4.1	93.90	22.16	88.40	20.58	82.80	19.02	80.00	18.26	77.20	17.51	71.60	16.04
	7	6	88.40	18.93	82.80	17.50	77.20	16.11	74.40	15.43	71.60	14.76	65.80	13.45
	9	7.9	82.80	16.03	77.20	14.76	71.40	13.53	68.60	12.93	65.80	12.33	60.00	11.16
	11	9.8	77.00	13.47	71.20	12.35	65.50	11.27	62.60	10.74	59.70	10.21	53.90	9.17
	13	11.8	70.90	11.17	65.10	10.20	59.30	9.26	56.40	8.79	53.50	8.34	47.60	7.44
	15	13.7	64.70	9.21	58.80	8.37	53.00	7.55	50.00	7.15	47.00	6.76	41.00	5.98

11. ARUM280LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	51.20	26.13	50.90	26.34	50.50	26.54	50.40	26.64	50.20	26.74	49.80	26.94
	-24.8	-25	59.60	27.63	59.10	27.86	58.70	28.07	58.60	28.19	58.40	28.30	57.90	28.51
	-21.8	-22	64.70	28.52	64.30	28.75	63.80	28.99	63.60	29.11	63.40	29.21	63.00	29.44
	-19.8	-20	68.30	29.12	67.80	29.36	67.30	29.60	67.10	29.72	66.90	29.83	66.40	30.06
	-18.8	-19	70.20	29.42	69.70	29.67	69.20	29.91	68.90	30.03	68.70	30.15	68.20	30.38
	-16.7	-17	73.90	30.04	73.40	30.29	72.90	30.54	72.70	30.67	72.50	30.79	69.50	29.40
	-15	-15.9	76.20	30.40	75.70	30.66	75.20	30.92	75.00	31.04	74.40	30.98	69.50	28.38
	-13.7	-15	78.50	30.76	78.00	31.02	77.50	31.29	76.90	31.20	74.40	29.90	69.50	27.39
	-11.8	-13	82.10	31.33	81.60	31.60	79.40	30.82	76.90	29.59	74.40	28.37	69.50	26.01
	-9.8	-11	86.40	31.99	84.30	31.37	79.40	29.05	76.90	27.91	74.40	26.79	69.50	24.60
	-9.5	-10	88.40	32.30	84.30	30.50	79.40	28.25	76.90	27.15	74.40	26.06	69.50	23.94
	-8.5	-9.1	89.30	31.92	84.30	29.68	79.40	27.49	76.90	26.41	74.40	25.36	69.50	23.30
	-7	-7.6	89.30	30.49	84.30	28.35	79.40	26.28	76.90	25.26	74.40	24.26	69.50	22.29
	-5	-5.6	89.30	28.66	84.30	26.68	79.40	24.73	76.90	23.78	74.40	22.85	69.50	21.01
	-3	-3.7	89.30	27.03	84.30	25.16	79.40	23.34	76.90	22.45	74.40	21.57	69.50	19.86
	0	-0.7	89.30	24.64	84.30	22.97	79.40	21.33	76.90	20.53	74.40	19.74	69.50	18.18
	3	2.2	89.30	22.58	84.30	21.06	79.40	19.59	76.90	18.86	74.40	18.14	69.50	16.74
	5	4.1	84.50	19.50	79.50	18.13	74.50	16.79	72.00	16.14	69.50	15.49	64.40	14.22
	7	6	79.60	16.70	74.60	15.47	69.50	14.27	67.00	13.68	64.40	13.10	59.30	11.97
	9	7.9	74.50	14.20	69.50	13.10	64.30	12.04	61.80	11.52	59.20	11.00	53.90	9.99
	11	9.8	69.30	11.97	64.10	11.01	59.00	10.07	56.30	9.61	53.70	9.15	48.50	8.26
	13	11.8	63.90	9.98	58.60	9.15	53.40	8.32	50.80	7.92	48.10	7.53	42.70	6.75
	15	13.7	58.30	8.28	53.00	7.55	47.60	6.84	45.00	6.49	42.30	6.15	36.90	5.48
80	-30	-30.2	50.90	26.38	50.50	26.58	50.20	26.77	50.00	26.87	49.80	26.97	49.50	27.16
	-24.8	-25	58.90	27.95	58.60	28.17	58.20	28.39	57.90	28.49	57.70	28.60	57.40	28.80
	-21.8	-22	64.00	28.88	63.60	29.11	63.10	29.34	62.90	29.45	62.80	29.56	61.80	29.39
	-19.8	-20	67.50	29.52	67.10	29.75	66.60	29.98	66.40	30.10	66.00	30.17	61.80	27.72
	-18.8	-19	69.40	29.84	68.90	30.08	68.40	30.31	68.20	30.43	66.10	29.34	61.80	26.94
	-16.7	-17	73.10	30.49	72.50	30.74	70.50	29.99	68.40	28.82	66.10	27.66	61.80	25.42
	-15	-15.9	75.30	30.88	74.80	31.13	70.50	28.95	68.40	27.82	66.10	26.70	61.80	24.50
	-13.7	-15	77.50	31.27	74.90	30.19	70.50	27.95	68.40	26.85	66.10	25.76	61.80	23.65
	-11.8	-13	79.40	30.82	74.90	28.64	70.50	26.53	68.40	25.49	66.10	24.47	61.80	22.47
	-9.8	-11	79.40	29.05	74.90	27.03	70.50	25.08	68.40	24.11	66.10	23.15	61.80	21.29
	-9.5	-10	79.40	28.25	74.90	26.30	70.50	24.40	68.40	23.47	66.10	22.54	61.80	20.75
	-8.5	-9.1	79.40	27.49	74.90	25.59	70.50	23.75	68.40	22.85	66.10	21.96	61.80	20.21
	-7	-7.6	79.40	26.28	74.90	24.47	70.50	22.72	68.40	21.87	66.10	21.01	61.80	19.35
	-5	-5.6	79.40	24.73	74.90	23.05	70.50	21.41	68.40	20.61	66.10	19.82	61.80	18.27
	-3	-3.7	79.40	23.34	74.90	21.76	70.50	20.23	68.40	19.48	66.10	18.74	61.80	17.29
	0	-0.7	79.40	21.33	74.90	19.92	70.50	18.52	68.40	17.85	66.10	17.18	61.80	15.87
	3	2.2	79.40	19.59	74.90	18.30	70.50	17.05	68.40	16.43	66.10	15.83	61.80	14.63
	5	4.1	75.10	16.96	70.70	15.80	66.20	14.67	64.00	14.11	61.80	13.56	57.30	12.48
	7	6	70.70	14.57	66.30	13.53	61.80	12.52	59.50	12.01	57.20	11.53	52.70	10.55
	9	7.9	66.30	12.44	61.70	11.51	57.20	10.61	54.90	10.16	52.50	9.73	48.00	8.86
	11	9.8	61.60	10.54	57.00	9.72	52.40	8.92	50.10	8.53	47.80	8.14	43.10	7.38
	13	11.8	56.70	8.85	52.10	8.13	47.40	7.43	45.10	7.09	42.70	6.75	38.00	6.08
	15	13.7	51.80	7.39	47.10	6.76	42.40	6.16	40.00	5.86	37.60	5.56	32.80	4.99
70	-30	-30.2	50.30	26.69	50.00	26.89	49.60	27.07	49.50	27.17	49.30	27.27	49.00	27.45

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	58.20	28.35	57.90	28.57	57.40	28.77	57.20	28.87	57.00	28.97	54.00	27.20
	-21.8	-22	63.10	29.34	62.70	29.56	61.80	29.39	59.80	28.25	57.90	27.14	54.00	24.95
	-19.8	-20	66.60	30.02	65.60	29.89	61.80	27.72	59.80	26.66	57.90	25.61	54.00	23.56
	-18.8	-19	68.30	30.36	65.60	29.03	61.80	26.94	59.80	25.91	57.90	24.89	54.00	22.90
	-16.7	-17	69.50	29.41	65.60	27.38	61.80	25.42	59.80	24.45	57.90	23.49	54.00	21.62
	-15	-15.9	69.50	28.38	65.60	26.43	61.80	24.50	59.80	23.57	57.90	22.64	54.00	20.83
	-13.7	-15	69.50	27.40	65.60	25.50	61.80	23.65	59.80	22.75	57.90	21.85	54.00	20.11
	-11.8	-13	69.50	26.01	65.60	24.21	61.80	22.47	59.80	21.61	57.90	20.76	54.00	19.11
	-9.8	-11	69.50	24.60	65.60	22.92	61.80	21.29	59.80	20.48	57.90	19.68	54.00	18.12
	-9.5	-10	69.50	23.94	65.60	22.32	61.80	20.75	59.80	19.98	57.90	19.22	54.00	17.73
	-8.5	-9.1	69.50	23.30	65.60	21.74	61.80	20.21	59.80	19.47	57.90	18.73	54.00	17.28
	-7	-7.6	69.50	22.29	65.60	20.81	61.80	19.35	59.80	18.65	57.90	17.94	54.00	16.56
	-5	-5.6	69.50	21.01	65.60	19.62	61.80	18.27	59.80	17.61	57.90	16.94	54.00	15.66
	-3	-3.7	69.50	19.86	65.60	18.56	61.80	17.29	59.80	16.66	57.90	16.05	54.00	14.84
	0	-0.7	69.50	18.18	65.60	17.01	61.80	15.87	59.80	15.30	57.90	14.74	54.00	13.65
	3	2.2	69.50	16.74	65.60	15.68	61.80	14.63	59.80	14.12	57.90	13.61	54.00	12.62
	5	4.1	65.80	14.54	61.80	13.58	57.90	12.64	56.00	12.17	54.10	11.71	50.10	10.81
	7	6	61.90	12.55	58.00	11.68	54.10	10.83	52.10	10.42	50.10	10.01	46.20	9.20
	9	7.9	57.90	10.76	54.00	9.99	50.00	9.24	48.00	8.87	46.00	8.50	42.00	7.78
	11	9.8	53.90	9.18	49.90	8.50	45.90	7.82	43.80	7.50	41.80	7.18	37.70	6.53
	13	11.8	49.70	7.75	45.70	7.16	41.50	6.58	39.50	6.29	37.40	6.00	33.30	5.43
	15	13.7	45.30	6.52	41.20	6.01	37.10	5.50	35.00	5.25	32.90	5.00	28.70	4.52
60	-30	-30.2	49.50	27.09	49.30	27.27	48.90	27.46	48.80	27.55	48.60	27.64	46.30	26.21
	-24.8	-25	57.20	28.86	56.20	28.56	52.90	26.52	51.30	25.52	49.60	24.53	46.30	22.59
	-21.8	-22	59.50	28.09	56.20	26.19	52.90	24.33	51.30	23.42	49.60	22.52	46.30	20.75
	-19.8	-20	59.50	26.51	56.20	24.73	52.90	22.98	51.30	22.13	49.60	21.28	46.30	19.62
	-18.8	-19	59.50	25.76	56.20	24.03	52.90	22.34	51.30	21.51	49.60	20.69	46.30	19.08
	-16.7	-17	59.50	24.31	56.20	22.69	52.90	21.10	51.30	20.32	49.60	19.56	46.30	18.04
	-15	-15.9	59.50	23.43	56.20	21.86	52.90	20.31	51.30	19.56	49.60	18.81	46.30	17.35
	-13.7	-15	59.50	22.62	56.20	21.10	52.90	19.62	51.30	18.89	49.60	18.18	46.30	16.77
	-11.8	-13	59.50	21.49	56.20	20.05	52.90	18.65	51.30	17.96	49.60	17.28	46.30	15.95
	-9.8	-11	59.50	20.36	56.20	19.01	52.90	17.69	51.30	17.04	49.60	16.40	46.30	15.14
	-9.5	-10	59.50	19.87	56.20	18.58	52.90	17.31	51.30	16.69	49.60	16.08	46.30	14.87
	-8.5	-9.1	59.50	19.36	56.20	18.11	52.90	16.88	51.30	16.27	49.60	15.67	46.30	14.50
	-7	-7.6	59.50	18.54	56.20	17.35	52.90	16.18	51.30	15.60	49.60	15.04	46.30	13.92
	-5	-5.6	59.50	17.51	56.20	16.39	52.90	15.30	51.30	14.76	49.60	14.23	46.30	13.18
	-3	-3.7	59.50	16.58	56.20	15.53	52.90	14.50	51.30	13.99	49.60	13.50	46.30	12.51
	0	-0.7	59.50	15.23	56.20	14.28	52.90	13.34	51.30	12.88	49.60	12.43	46.30	11.54
	3	2.2	59.50	14.05	56.20	13.18	52.90	12.34	51.30	11.93	49.60	11.51	46.30	10.71
	5	4.1	56.30	12.26	53.00	11.48	49.70	10.70	48.00	10.33	46.40	9.96	43.00	9.23
	7	6	53.00	10.63	49.70	9.93	46.40	9.24	44.60	8.91	42.90	8.57	39.50	7.91
	9	7.9	49.70	9.18	46.20	8.55	42.90	7.93	41.10	7.64	39.40	7.33	36.00	6.74
	11	9.8	46.20	7.89	42.70	7.33	39.30	6.78	37.60	6.51	35.90	6.24	32.40	5.72
	13	11.8	42.50	6.72	39.10	6.23	35.60	5.75	33.80	5.51	32.10	5.28	28.50	4.82
	15	13.7	38.80	5.71	35.30	5.29	31.80	4.87	30.00	4.66	28.20	4.46	24.60	4.06
50	-30	-30.2	48.60	27.63	46.90	26.59	44.10	24.72	42.70	23.80	41.30	22.89	38.50	21.11
	-24.8	-25	49.60	24.53	46.90	22.91	44.10	21.32	42.70	20.55	41.30	19.77	38.50	18.26

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	49.60	22.52	46.90	21.04	44.10	19.60	42.70	18.89	41.30	18.19	38.50	16.81
	-19.8	-20	49.60	21.28	46.90	19.89	44.10	18.54	42.70	17.88	41.30	17.21	38.50	15.92
	-18.8	-19	49.60	20.69	46.90	19.35	44.10	18.03	42.70	17.39	41.30	16.74	38.50	15.49
	-16.7	-17	49.60	19.56	46.90	18.29	44.10	17.06	42.70	16.45	41.30	15.86	38.50	14.67
	-15	-15.9	49.60	18.81	46.90	17.60	44.10	16.40	42.70	15.81	41.30	15.23	38.50	14.10
	-13.7	-15	49.60	18.18	46.90	16.99	44.10	15.85	42.70	15.28	41.30	14.73	38.50	13.63
	-11.8	-13	49.60	17.28	46.90	16.17	44.10	15.08	42.70	14.55	41.30	14.02	38.50	12.99
	-9.8	-11	49.60	16.40	46.90	15.34	44.10	14.33	42.70	13.82	41.30	13.32	38.50	12.35
	-9.5	-10	49.60	16.08	46.90	15.07	44.10	14.08	42.70	13.59	41.30	13.12	38.50	12.17
	-8.5	-9.1	49.60	15.67	46.90	14.69	44.10	13.74	42.70	13.27	41.30	12.80	38.50	11.88
	-7	-7.6	49.60	15.04	46.90	14.11	44.10	13.19	42.70	12.74	41.30	12.30	38.50	11.43
	-5	-5.6	49.60	14.23	46.90	13.35	44.10	12.50	42.70	12.08	41.30	11.66	38.50	10.84
	-3	-3.7	49.60	13.50	46.90	12.68	44.10	11.87	42.70	11.47	41.30	11.09	38.50	10.32
	0	-0.7	49.60	12.44	46.90	11.69	44.10	10.96	42.70	10.61	41.30	10.26	38.50	9.56
	3	2.2	49.60	11.51	46.90	10.85	44.10	10.18	42.70	9.85	41.30	9.53	38.50	8.89
	5	4.1	46.90	10.10	44.10	9.48	41.40	8.89	40.00	8.59	38.60	8.30	35.80	7.73
	7	6	44.30	8.82	41.50	8.27	38.60	7.73	37.20	7.46	35.70	7.20	32.90	6.68
	9	7.9	41.40	7.68	38.50	7.18	35.70	6.70	34.30	6.46	32.90	6.23	30.00	5.76
	11	9.8	38.50	6.65	35.70	6.21	32.70	5.78	31.30	5.57	29.90	5.36	26.90	4.95
	13	11.8	35.50	5.74	32.60	5.34	29.70	4.96	28.20	4.78	26.80	4.60	23.80	4.23
	15	13.7	32.40	4.94	29.40	4.59	26.50	4.26	25.00	4.10	23.50	3.94	20.50	3.61

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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11.5 Capacity Correction Factor

11.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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11.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

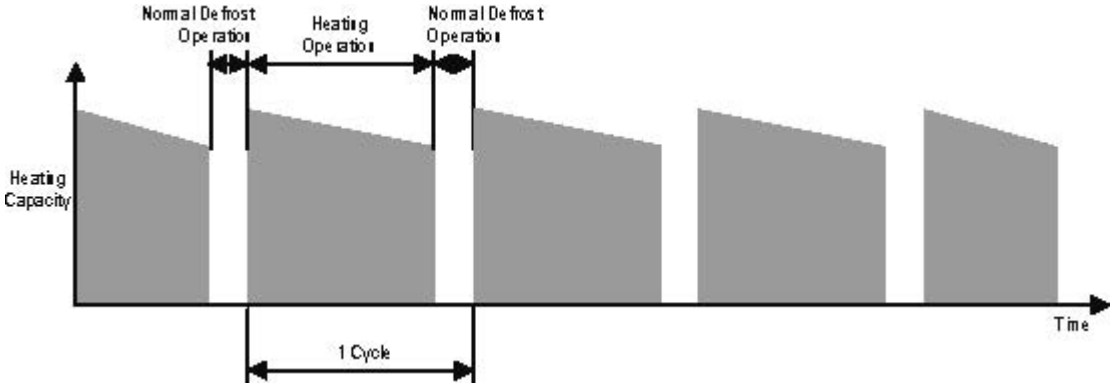
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

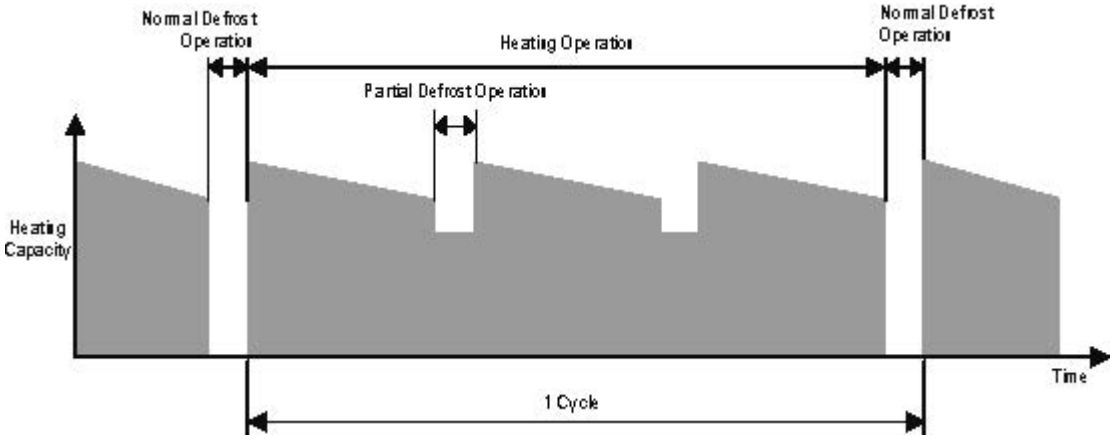
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

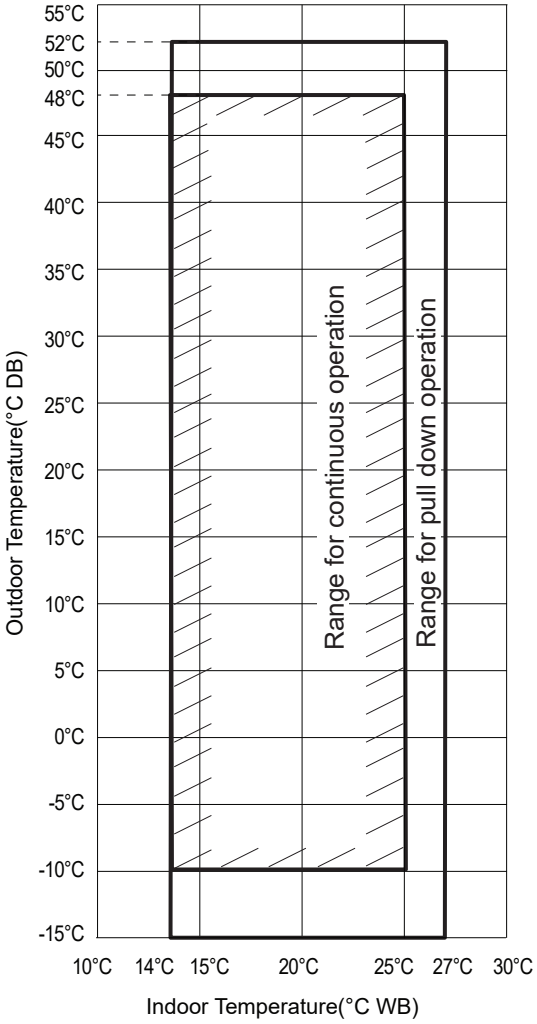


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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11.6 Operation Limits

11.6.1 Cooling

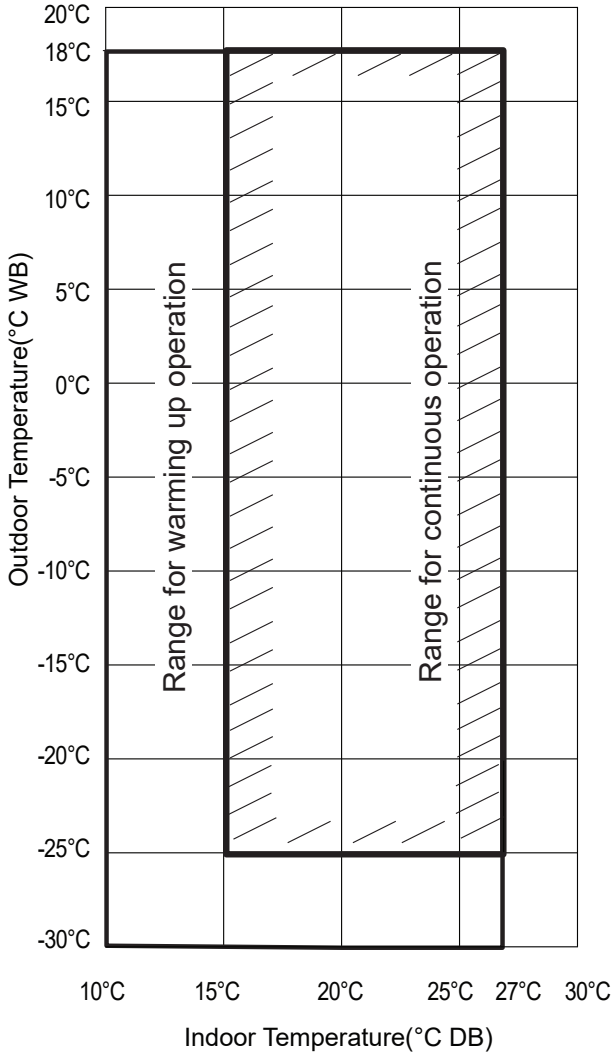


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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11.6.2 Heating

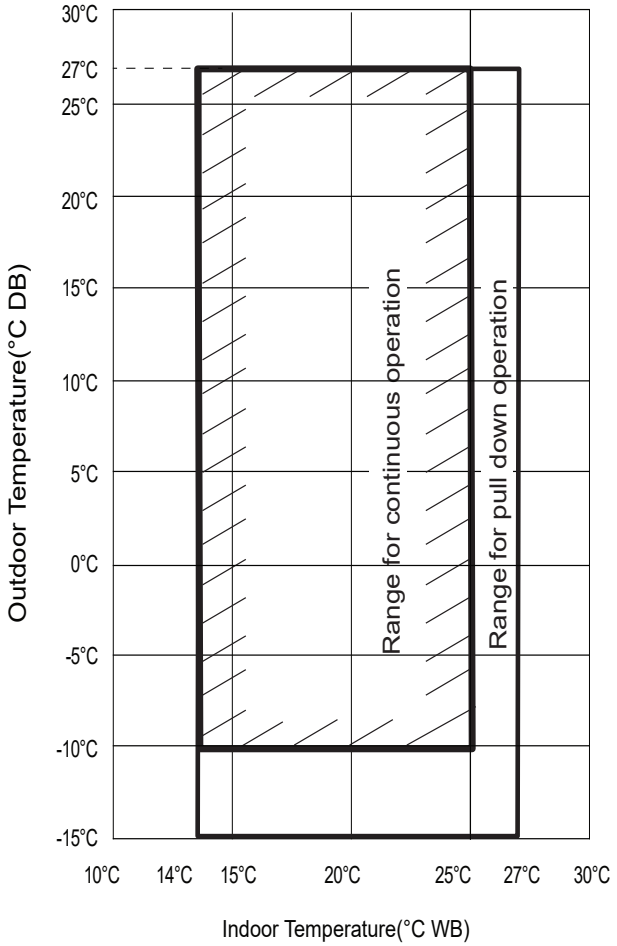


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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11.6.3 Simultaneous Operation (Cooling)

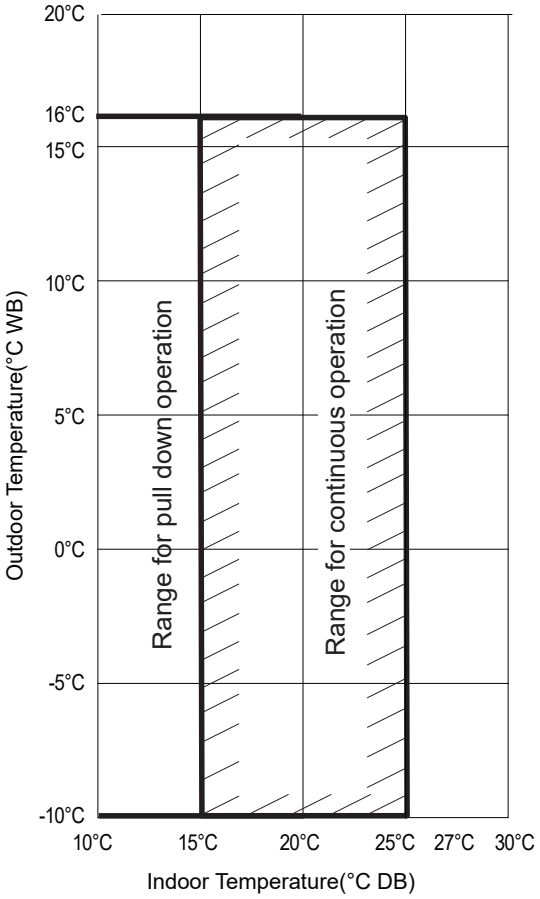


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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11.6.4 Simultaneous Operation (Heating)



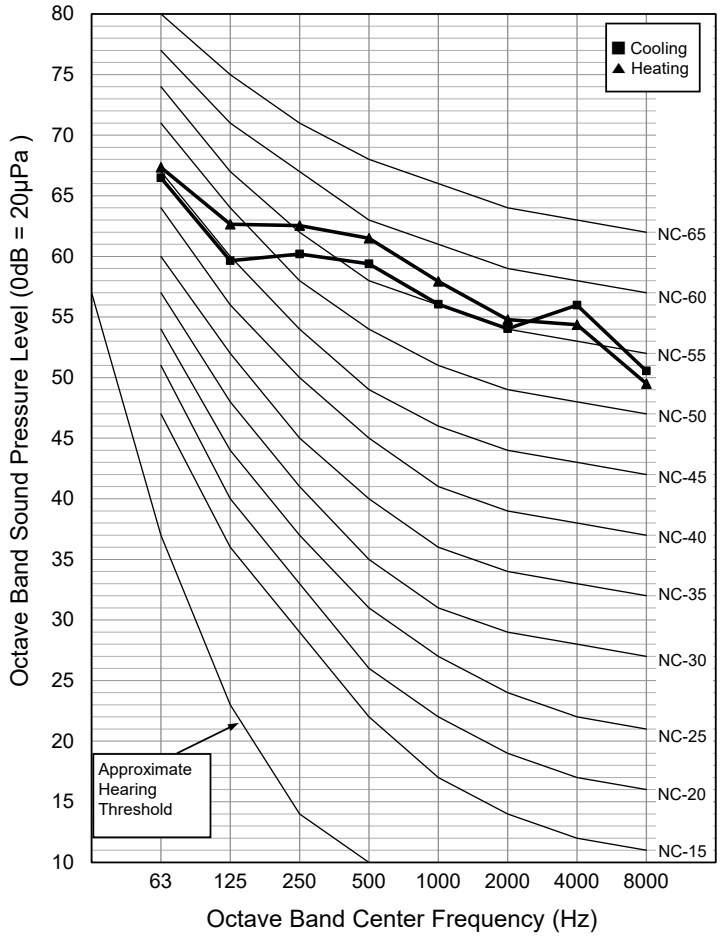
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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11.7 Sound Levels

11.7.1 Pressure

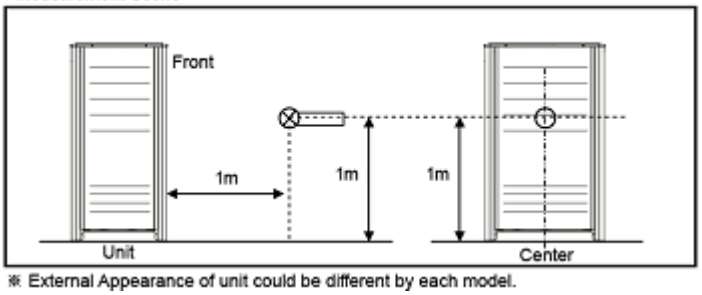


Sound level [dB(A), @ Standard condition]	
Cooling / Heating	62.8 / 63.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

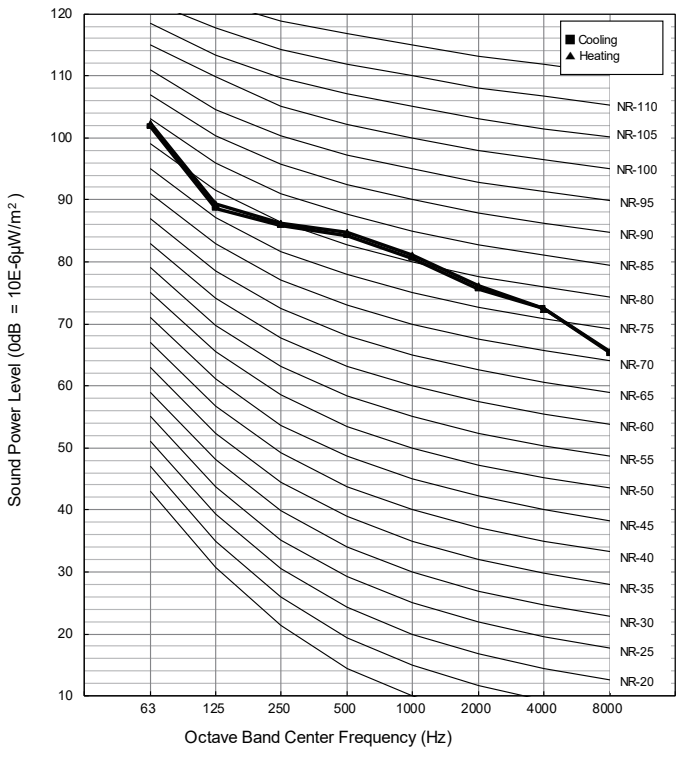
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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11.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	101.8	88.6	85.8	84.2	80.5	75.6	72.5	65.4	86.2
Heating [dB]	102.4	89.3	85.8	84.2	80.5	75.6	72.5	65.4	86.8

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	86.2 / 86.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

12. ARUM300LTE6

12.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXA
	Combination Unit (1)	-	ARUM180LTE6
	Combination Unit (2)	-	ARUM120LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	42.54 - 40.41 - 38.95
	Running Current by Voltage (Heating,Rated)	A	29.99 - 28.5 - 27.47
Cooling Capacity	Rated	kW	84.0
		Btu/h	286,600
Heating Capacity	Rated	kW	84.0
		Btu/h	286,600
	Max	kW	94.5
		Btu/h	322,400
Power Input(Cooling)	Rated	kW	26.04
Power Input(Heating)	Rated	kW	18.36
Efficiency	EER(Rated)	W/W	3.23
	COP(Rated)	W/W	4.58
	SEER	Wh/Wh	8.30
	SCOP	Wh/Wh	4.90
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	(320 × 1) + (220 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (1,200 × 1)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 x 3
	Number of Revolution	rev./min	3,600 x 3
	Motor Output	W x No.	5,300 x 3
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	(300 x 1) + (215 x 1)
	Shipping	kg	(310 x 1) + (225 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	25.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	53.231
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ34.9(1-3/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58(1-1/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	63.1 / 64.1
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	86.2 / 87.5
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	70.9
	Maximum Fuse Amperes (MFA)	A	80
	Total Over Current Amperes (TOCA)	A	78.0
	Comp_Maximum Starting Current (MSC)	A	17.7
	Comp_Rated Load Amperes (Cooling)	A	37.5
	Comp_Rated Load Amperes (Heating)	A	25.0
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	49(60)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

12. ARUM300LTE6

12.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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12.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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12.4 Capacity Tables

12.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	65.60	6.66	82.80	9.22	101.3	13.42	109.2	15.45	118.0	18.03	125.4	20.48	131.3	22.57
	12	65.60	7.27	82.80	10.15	101.3	14.71	109.2	16.88	118.0	19.58	125.4	22.10	131.3	24.17
	14	65.60	7.95	82.80	11.17	101.3	16.12	109.2	18.43	118.0	21.26	125.4	23.88	131.3	25.88
	16	65.60	8.70	82.80	12.31	101.3	17.66	109.2	20.11	118.0	23.10	125.4	25.82	131.3	27.75
	18	65.60	9.53	82.80	13.56	101.3	19.33	109.2	21.94	118.0	25.11	125.4	27.90	131.0	29.48
	20	65.60	10.46	82.80	14.92	101.3	21.14	109.2	23.93	118.0	26.96	125.4	29.27	130.6	30.55
	21	65.60	10.95	82.80	15.65	101.3	22.11	109.2	24.77	118.0	27.65	125.4	29.90	130.4	31.13
	23	65.60	12.03	82.80	17.22	101.3	23.57	109.2	26.13	118.0	29.10	125.4	31.23	129.9	32.40
	25	65.60	13.21	82.80	18.61	101.3	24.93	109.2	27.60	118.0	30.68	125.0	32.63	129.3	33.80
	27	65.60	14.34	82.80	19.81	101.3	26.39	109.2	29.18	118.0	32.30	124.5	34.13	128.8	35.36
	29	65.60	15.28	82.80	21.09	101.3	27.95	109.2	30.90	118.0	33.99	123.9	35.79	128.1	37.09
	31	65.60	16.27	82.80	22.47	101.3	29.64	109.2	32.77	118.0	35.87	123.2	37.62	127.5	39.00
	33	65.60	17.34	82.80	23.94	101.3	31.47	109.2	34.85	117.3	37.75	122.5	39.63	124.4	40.21
	35	65.60	18.48	82.80	25.54	101.3	33.50	109.2	37.05	116.6	39.81	117.7	40.14	118.3	40.27
	37	65.60	19.70	82.80	27.27	101.3	35.73	108.6	39.15	109.0	39.34	109.0	39.32	108.9	39.33
	39	65.60	21.00	82.80	29.00	100.9	38.05	101.0	38.08	101.0	38.13	101.0	38.11	101.0	38.10
	41	65.60	22.39	82.80	30.87	93.20	36.32	93.30	36.37	93.30	36.35	93.20	36.29	93.30	36.34
	43	65.60	23.88	82.80	32.93	85.80	34.58	85.80	34.57	85.80	34.57	85.80	34.52	85.70	34.55
	46	65.60	26.36	75.20	31.99	75.20	32.01	75.10	31.98	75.20	32.00	75.10	31.98	75.00	31.96
	48	65.60	28.19	68.50	30.03	68.50	30.03	68.50	30.05	68.60	30.16	68.40	30.01	68.50	30.04
	50	62.30	28.17	62.10	28.16	62.10	28.13	62.10	28.13	62.00	28.12	62.10	28.13	62.10	28.14
	52	55.70	25.64	56.00	24.99	56.00	24.37	56.10	24.27	56.00	24.10	56.10	24.00	56.20	23.92
120	10	60.50	6.11	76.50	8.14	93.50	11.43	100.8	13.25	108.8	15.37	115.8	17.36	121.2	19.06
	12	60.50	6.64	76.50	8.94	93.50	12.60	100.8	14.56	108.8	16.79	115.8	18.89	121.2	20.64
	14	60.50	7.22	76.50	9.84	93.50	13.87	100.8	15.96	108.8	18.34	115.8	20.54	121.2	22.37
	16	60.50	7.87	76.50	10.82	93.50	15.26	100.8	17.48	108.8	20.01	115.8	22.34	121.2	24.26
	18	60.50	8.60	76.50	11.90	93.50	16.78	100.8	19.14	108.8	21.84	115.8	24.30	121.2	26.32
	20	60.50	9.40	76.50	13.10	93.50	18.46	100.8	20.94	108.8	23.82	115.8	26.25	121.2	28.02
	21	60.50	9.84	76.50	13.74	93.50	19.34	100.8	21.89	108.8	24.68	115.8	26.93	121.2	28.72
	23	60.50	10.79	76.50	15.12	93.50	21.09	100.8	23.37	108.8	26.03	115.8	28.36	121.2	30.15
	25	60.50	11.83	76.50	16.57	93.50	22.35	100.8	24.73	108.8	27.50	115.8	29.91	121.2	31.61
	27	60.50	12.95	76.50	17.64	93.50	23.70	100.8	26.18	108.8	29.07	115.8	31.60	121.2	33.19
	29	60.50	13.80	76.50	18.80	93.50	25.12	100.8	27.73	108.8	30.78	115.8	33.36	120.9	34.86
	31	60.50	14.69	76.50	20.02	93.50	26.65	100.8	29.41	108.8	32.66	115.8	35.19	120.2	36.62
	33	60.50	15.65	76.50	21.33	93.50	28.28	100.8	31.23	108.8	34.72	115.7	37.21	119.6	38.56
	35	60.50	16.68	76.50	22.75	93.50	30.06	100.8	33.22	108.8	36.94	115.0	39.23	117.3	40.06
	37	60.50	17.78	76.50	24.26	93.50	31.98	100.8	35.43	108.4	39.07	109.0	39.34	109.0	39.31
	39	60.50	18.96	76.50	25.89	93.50	34.10	100.7	37.83	101.1	38.14	101.0	38.11	101.0	38.13
	41	60.50	20.20	76.50	27.66	93.40	36.35	93.30	36.34	93.20	36.31	93.30	36.33	93.30	36.33
	43	60.50	21.55	76.50	29.60	85.90	34.61	85.90	34.59	85.80	34.56	85.80	34.53	85.80	34.58
	46	60.50	23.74	75.20	32.01	75.20	32.00	75.20	32.00	75.10	31.97	75.00	31.96	75.10	31.96
	48	60.50	25.36	68.50	30.04	68.50	30.04	68.50	30.06	68.40	30.02	68.40	30.00	68.40	30.01
	50	60.50	27.10	62.20	28.16	62.10	28.13	62.10	28.13	62.10	28.14	61.90	28.02	62.10	28.12
	52	55.60	25.84	55.90	25.27	56.10	24.64	56.00	24.51	56.20	24.39	56.20	24.30	56.10	24.22
110	10	55.50	5.65	70.10	7.23	85.80	9.77	92.30	11.16	99.80	12.99	106.1	14.63	111.0	15.98
	12	55.50	6.08	70.10	7.91	85.80	10.77	92.30	12.29	99.80	14.28	106.1	16.00	111.0	17.44
	14	55.50	6.57	70.10	8.67	85.80	11.85	92.30	13.54	99.80	15.69	106.1	17.50	111.0	19.02

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	55.50	7.13	70.10	9.52	85.80	13.06	92.30	14.90	99.80	17.19	106.1	19.13	111.0	20.73
	18	55.50	7.76	70.10	10.45	85.80	14.38	92.30	16.39	99.80	18.83	106.1	20.90	111.0	22.61
	20	55.50	8.46	70.10	11.48	85.80	15.82	92.30	18.03	99.80	20.60	106.1	22.82	111.0	24.61
	21	55.50	8.83	70.10	12.03	85.80	16.59	92.30	18.90	99.80	21.56	106.1	23.75	111.0	25.38
	23	55.50	9.65	70.10	13.23	85.80	18.25	92.30	20.67	99.80	23.06	106.1	25.12	111.0	26.77
	25	55.50	10.56	70.10	14.55	85.80	19.60	92.30	21.98	99.80	24.41	106.1	26.55	111.0	28.26
	27	55.50	11.58	70.10	15.65	85.80	20.86	92.30	23.29	99.80	25.84	106.1	28.08	111.0	29.88
	29	55.50	12.42	70.10	16.67	85.80	22.22	92.30	24.70	99.80	27.38	106.1	29.74	111.0	31.63
	31	55.50	13.22	70.10	17.76	85.80	23.67	92.30	26.19	99.80	29.02	106.1	31.54	111.0	33.56
	33	55.50	14.08	70.10	18.92	85.80	25.23	92.30	27.81	99.80	30.83	106.1	33.51	111.0	35.63
	35	55.50	15.00	70.10	20.17	85.80	26.83	92.30	29.55	99.80	32.78	106.1	35.71	111.0	37.77
	37	55.50	15.98	70.10	21.50	85.80	28.51	92.30	31.44	99.80	34.95	106.1	38.12	109.1	39.35
	39	55.50	17.04	70.10	22.92	85.80	30.33	92.30	33.50	99.80	37.36	101.1	38.13	101.0	38.07
	41	55.50	18.16	70.10	24.46	85.80	32.33	92.30	35.79	93.40	36.34	93.20	36.31	93.20	36.32
	43	55.50	19.37	70.10	26.13	85.80	34.52	85.90	34.61	85.90	34.58	85.70	34.54	85.80	34.55
	46	55.50	21.33	70.10	28.88	75.20	32.02	75.20	32.01	75.10	31.98	75.10	31.98	75.10	31.99
	48	55.50	22.75	68.60	30.08	68.50	30.06	68.40	30.01	68.50	30.03	68.50	30.03	68.50	30.03
	50	55.50	24.28	62.30	28.17	62.20	28.18	62.10	28.14	62.10	28.15	62.00	28.12	62.10	28.14
	52	55.50	25.94	55.80	25.55	56.10	24.96	56.10	24.83	56.20	24.73	56.20	24.57	56.10	24.40
100	10	50.50	5.24	63.70	6.45	78.00	8.38	84.00	9.43	90.70	10.80	96.50	12.14	101.0	13.31
	12	50.50	5.61	63.70	7.02	78.00	9.22	84.00	10.38	90.70	11.90	96.50	13.36	101.0	14.62
	14	50.50	6.02	63.70	7.66	78.00	10.14	84.00	11.43	90.70	13.10	96.50	14.70	101.0	16.01
	16	50.50	6.49	63.70	8.38	78.00	11.16	84.00	12.60	90.70	14.42	96.50	16.16	101.0	17.54
	18	50.50	7.01	63.70	9.17	78.00	12.27	84.00	13.87	90.70	15.87	96.50	17.77	101.0	19.21
	20	50.50	7.61	63.70	10.05	78.00	13.51	84.00	15.27	90.70	17.46	96.50	19.50	101.0	21.01
	21	50.50	7.93	63.70	10.52	78.00	14.18	84.00	16.01	90.70	18.31	96.50	20.40	101.0	21.97
	23	50.50	8.63	63.70	11.55	78.00	15.59	84.00	17.61	90.70	20.05	96.50	22.01	101.0	23.45
	25	50.50	9.42	63.70	12.68	78.00	17.04	84.00	18.99	90.70	21.37	96.50	23.30	101.0	24.80
	27	50.50	10.30	63.70	13.81	78.00	18.15	84.00	20.22	90.70	22.73	96.50	24.68	101.0	26.25
	29	50.50	11.14	63.70	14.70	78.00	19.32	84.00	21.52	90.70	24.12	96.50	26.16	101.0	27.80
	31	50.50	11.85	63.70	15.66	78.00	20.59	84.00	22.93	90.70	25.58	96.50	27.74	101.0	29.49
	33	50.50	12.61	63.70	16.69	78.00	21.93	84.00	24.43	90.70	27.15	96.50	29.45	101.0	31.32
	35	50.50	13.43	63.70	17.79	78.00	23.38	84.00	26.07	90.70	28.86	96.50	31.31	101.0	33.32
	37	50.50	14.31	63.70	18.96	78.00	24.94	84.00	27.74	90.70	30.69	96.50	33.34	101.0	35.53
	39	50.50	15.25	63.70	20.22	78.00	26.64	84.00	29.51	90.70	32.69	96.50	35.59	100.8	37.90
	41	50.50	16.26	63.70	21.55	78.00	28.47	84.00	31.43	90.70	34.90	93.30	36.33	93.30	36.35
	43	50.50	17.33	63.70	23.00	78.00	30.43	84.00	33.54	85.80	34.57	85.90	34.57	85.90	34.57
	46	50.50	19.09	63.70	25.36	75.20	32.04	75.20	32.01	75.20	31.99	75.20	31.99	75.20	32.01
	48	50.50	20.35	63.70	27.09	68.50	30.03	68.50	30.03	68.50	30.04	68.50	30.04	68.50	30.04
	50	50.50	21.72	62.30	28.18	62.10	28.16	62.10	28.16	62.10	28.13	62.10	28.13	62.10	28.12
	52	50.50	23.17	55.70	25.73	55.90	25.27	56.00	25.07	56.20	24.91	56.20	24.73	56.20	24.57
90	10	45.50	4.90	57.30	5.81	70.20	7.23	75.50	8.01	81.70	9.01	86.80	9.98	90.80	10.83
	12	45.50	5.19	57.30	6.28	70.20	7.92	75.50	8.79	81.70	9.91	86.80	11.00	90.80	11.94
	14	45.50	5.54	57.30	6.80	70.20	8.69	75.50	9.67	81.70	10.91	86.80	12.11	90.80	13.14
	16	45.50	5.93	57.30	7.39	70.20	9.53	75.50	10.63	81.70	12.02	86.80	13.34	90.80	14.47
	18	45.50	6.36	57.30	8.05	70.20	10.46	75.50	11.69	81.70	13.23	86.80	14.68	90.80	15.92
	20	45.50	6.86	57.30	8.79	70.20	11.50	75.50	12.87	81.70	14.57	86.80	16.16	90.80	17.51
	21	45.50	7.13	57.30	9.19	70.20	12.06	75.50	13.49	81.70	15.28	86.80	16.95	90.80	18.36
	23	45.50	7.72	57.30	10.05	70.20	13.25	75.50	14.85	81.70	16.80	86.80	18.64	90.80	20.12
	25	45.50	8.39	57.30	11.01	70.20	14.57	75.50	16.28	81.70	18.22	86.80	19.97	90.80	21.42
	27	45.50	9.14	57.30	12.07	70.20	15.67	75.50	17.36	81.70	19.39	86.80	21.26	90.80	22.79

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	45.50	9.95	57.30	12.91	70.20	16.70	75.50	18.48	81.70	20.65	86.80	22.63	90.80	24.17
	31	45.50	10.57	57.30	13.75	70.20	17.79	75.50	19.69	81.70	22.00	86.80	24.11	90.80	25.64
	33	45.50	11.24	57.30	14.64	70.20	18.96	75.50	20.99	81.70	23.45	86.80	25.65	90.80	27.22
	35	45.50	11.96	57.30	15.60	70.20	20.20	75.50	22.37	81.70	25.00	86.80	27.25	90.80	28.92
	37	45.50	12.74	57.30	16.63	70.20	21.53	75.50	23.85	81.70	26.69	86.80	28.97	90.80	30.75
	39	45.50	13.58	57.30	17.72	70.20	22.96	75.50	25.46	81.70	28.47	86.80	30.83	90.80	32.76
	41	45.50	14.47	57.30	18.89	70.20	24.50	75.50	27.19	81.70	30.30	86.80	32.86	90.80	34.98
	43	45.50	15.44	57.30	20.14	70.20	26.17	75.50	29.08	81.70	32.31	85.90	34.56	85.80	34.57
	46	45.50	17.00	57.30	22.19	70.20	28.94	75.10	31.97	75.20	32.00	75.20	32.00	75.20	32.01
	48	45.50	18.13	57.30	23.68	68.60	30.08	68.50	30.05	68.50	30.03	68.50	30.02	68.50	30.02
	50	45.50	19.34	57.30	25.28	62.30	28.18	62.20	28.17	62.10	28.14	62.10	28.13	62.10	28.14
	52	45.50	20.63	55.70	25.94	55.80	25.47	55.90	25.29	56.10	25.08	56.20	24.90	56.20	24.75
80	10	40.30	4.25	51.00	5.28	62.30	6.31	67.20	6.86	72.50	7.56	77.20	8.26	80.80	8.86
	12	40.30	4.84	51.00	5.65	62.30	6.86	67.20	7.48	72.50	8.29	77.20	9.08	80.80	9.75
	14	40.30	5.11	51.00	6.08	62.30	7.47	67.20	8.19	72.50	9.11	77.20	9.98	80.80	10.73
	16	40.30	5.43	51.00	6.55	62.30	8.15	67.20	8.97	72.50	10.01	77.20	10.98	80.80	11.81
	18	40.30	5.79	51.00	7.09	62.30	8.92	67.20	9.84	72.50	11.00	77.20	12.08	80.80	13.00
	20	40.30	6.19	51.00	7.70	62.30	9.77	67.20	10.81	72.50	12.10	77.20	13.30	80.80	14.31
	21	40.30	6.42	51.00	8.02	62.30	10.23	67.20	11.32	72.50	12.68	77.20	13.95	80.80	15.01
	23	40.30	6.91	51.00	8.73	62.30	11.21	67.20	12.43	72.50	13.95	77.20	15.34	80.80	16.51
	25	40.30	7.46	51.00	9.53	62.30	12.31	67.20	13.66	72.50	15.33	77.20	16.80	80.80	17.93
	27	40.30	8.09	51.00	10.42	62.30	13.44	67.20	14.79	72.50	16.41	77.20	17.88	80.80	19.09
	29	40.30	8.80	51.00	11.27	62.30	14.31	67.20	15.75	72.50	17.48	77.20	19.04	80.80	20.33
	31	40.30	9.39	51.00	11.98	62.30	15.25	67.20	16.78	72.50	18.62	77.20	20.29	80.80	21.66
	33	40.30	9.97	51.00	12.75	62.30	16.25	67.20	17.88	72.50	19.84	77.20	21.61	80.80	23.08
	35	40.30	10.60	51.00	13.58	62.30	17.31	67.20	19.05	72.50	21.14	77.20	23.05	80.80	24.61
	37	40.30	11.28	51.00	14.47	62.30	18.46	67.20	20.31	72.50	22.55	77.20	24.58	80.80	26.27
	39	40.30	12.02	51.00	15.42	62.30	19.67	67.20	21.65	72.50	24.05	77.20	26.24	80.80	28.06
	41	40.30	12.81	51.00	16.45	62.30	20.97	67.20	23.10	72.50	25.67	77.20	28.04	80.80	29.88
	43	40.30	13.65	51.00	17.53	62.30	22.37	67.20	24.65	72.50	27.43	77.20	30.01	80.80	31.85
	46	40.30	15.05	51.00	19.30	62.30	24.66	67.20	27.22	72.50	30.38	75.20	31.98	75.20	32.00
	48	40.30	16.06	51.00	20.59	62.30	26.34	67.20	29.13	68.50	30.03	68.50	30.08	68.50	30.04
	50	40.30	17.14	51.00	21.96	61.90	27.95	62.30	28.16	62.10	28.14	62.20	28.16	62.20	28.15
	52	40.30	18.28	51.00	23.44	55.70	25.70	55.80	25.51	55.90	25.32	56.00	25.13	56.10	24.99
70	10	35.30	3.45	44.60	4.85	54.50	5.57	58.80	5.95	63.50	6.43	67.50	6.90	70.70	7.30
	12	35.30	4.48	44.60	5.14	54.50	5.99	58.80	6.44	63.50	7.00	67.50	7.54	70.70	8.00
	14	35.30	4.70	44.60	5.46	54.50	6.47	58.80	6.98	63.50	7.63	67.50	8.25	70.70	8.77
	16	35.30	4.96	44.60	5.84	54.50	7.01	58.80	7.60	63.50	8.34	67.50	9.03	70.70	9.62
	18	35.30	5.25	44.60	6.26	54.50	7.61	58.80	8.29	63.50	9.13	67.50	9.91	70.70	10.58
	20	35.30	5.58	44.60	6.75	54.50	8.29	58.80	9.06	63.50	10.00	67.50	10.89	70.70	11.62
	21	35.30	5.76	44.60	7.01	54.50	8.66	58.80	9.48	63.50	10.48	67.50	11.41	70.70	12.19
	23	35.30	6.16	44.60	7.59	54.50	9.46	58.80	10.37	63.50	11.50	67.50	12.53	70.70	13.40
	25	35.30	6.63	44.60	8.23	54.50	10.34	58.80	11.37	63.50	12.62	67.50	13.77	70.70	14.72
	27	35.30	7.15	44.60	8.96	54.50	11.33	58.80	12.47	63.50	13.75	67.50	14.89	70.70	15.83
	29	35.30	7.74	44.60	9.76	54.50	12.18	58.80	13.30	63.50	14.65	67.50	15.86	70.70	16.85
	31	35.30	8.32	44.60	10.37	54.50	12.96	58.80	14.16	63.50	15.60	67.50	16.89	70.70	17.96
	33	35.30	8.81	44.60	11.03	54.50	13.80	58.80	15.08	63.50	16.62	67.50	18.01	70.70	19.14
	35	35.30	9.34	44.60	11.73	54.50	14.70	58.80	16.07	63.50	17.71	67.50	19.18	70.70	20.39
	37	35.30	9.93	44.60	12.50	54.50	15.67	58.80	17.13	63.50	18.88	67.50	20.45	70.70	21.75
	39	35.30	10.56	44.60	13.32	54.50	16.70	58.80	18.26	63.50	20.13	67.50	21.80	70.70	23.19
	41	35.30	11.25	44.60	14.19	54.50	17.80	58.80	19.47	63.50	21.46	67.50	23.27	70.70	24.74

12. ARUM300LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	35.30	12.01	44.60	15.13	54.50	18.98	58.80	20.76	63.50	22.89	67.50	24.82	70.70	26.43
	46	35.30	13.23	44.60	16.67	54.50	20.90	58.80	22.88	63.50	25.25	67.50	27.42	70.70	29.23
	48	35.30	14.12	44.60	17.78	54.50	22.30	58.80	24.41	63.50	26.98	67.50	29.34	68.50	30.06
	50	35.30	15.09	44.60	18.97	54.50	23.79	58.80	26.07	62.30	28.16	62.30	28.17	62.10	28.16
	52	35.30	16.10	44.60	20.24	54.50	25.40	55.70	25.85	55.80	25.62	55.90	25.42	55.90	25.29
60	10	30.30	2.77	38.20	3.91	46.80	4.99	50.40	5.24	54.50	5.55	57.90	5.86	60.50	6.13
	12	30.30	4.12	38.20	4.70	46.80	5.31	50.40	5.60	54.50	5.98	57.90	6.34	60.50	6.64
	14	30.30	4.29	38.20	4.96	46.80	5.66	50.40	6.02	54.50	6.45	57.90	6.87	60.50	7.22
	16	30.30	4.49	38.20	5.24	46.80	6.07	50.40	6.47	54.50	6.99	57.90	7.47	60.50	7.87
	18	30.30	4.73	38.20	5.56	46.80	6.53	50.40	7.01	54.50	7.59	57.90	8.14	60.50	8.60
	20	30.30	4.99	38.20	5.93	46.80	7.05	50.40	7.60	54.50	8.27	57.90	8.89	60.50	9.41
	21	30.30	5.14	38.20	6.14	46.80	7.34	50.40	7.92	54.50	8.64	57.90	9.29	60.50	9.84
	23	30.30	5.46	38.20	6.59	46.80	7.96	50.40	8.62	54.50	9.43	57.90	10.17	60.50	10.79
	25	30.30	5.83	38.20	7.10	46.80	8.66	50.40	9.40	54.50	10.31	57.90	11.15	60.50	11.83
	27	30.30	6.26	38.20	7.68	46.80	9.44	50.40	10.28	54.50	11.29	57.90	12.22	60.50	12.95
	29	30.30	6.74	38.20	8.33	46.80	10.27	50.40	11.12	54.50	12.14	57.90	13.06	60.50	13.80
	31	30.30	7.27	38.20	8.93	46.80	10.91	50.40	11.82	54.50	12.91	57.90	13.90	60.50	14.70
	33	30.30	7.68	38.20	9.46	46.80	11.60	50.40	12.58	54.50	13.76	57.90	14.80	60.50	15.67
	35	30.30	8.13	38.20	10.06	46.80	12.34	50.40	13.41	54.50	14.66	57.90	15.77	60.50	16.69
	37	30.30	8.64	38.20	10.69	46.80	13.15	50.40	14.28	54.50	15.61	57.90	16.81	60.50	17.79
	39	30.30	9.18	38.20	11.39	46.80	14.02	50.40	15.22	54.50	16.65	57.90	17.92	60.50	18.96
	41	30.30	9.78	38.20	12.13	46.80	14.94	50.40	16.23	54.50	17.74	57.90	19.10	60.50	20.21
	43	30.30	10.44	38.20	12.94	46.80	15.93	50.40	17.30	54.50	18.92	57.90	20.37	60.50	21.56
	46	30.30	11.54	38.20	14.26	46.80	17.55	50.40	19.05	54.50	20.83	57.90	22.44	60.50	23.76
	48	30.30	12.32	38.20	15.22	46.80	18.71	50.40	20.32	54.50	22.23	57.90	23.95	60.50	25.36
	50	30.30	13.17	38.20	16.25	46.80	19.96	50.40	21.67	54.50	23.72	57.90	25.58	60.50	27.11
	52	30.30	14.07	38.20	17.34	46.80	21.29	50.40	23.13	54.50	25.33	55.60	25.87	55.70	25.70
50	10	25.20	2.15	31.80	2.97	39.00	4.02	42.00	4.51	45.30	4.89	48.20	5.08	50.50	5.24
	12	25.20	3.34	31.80	4.23	39.00	4.76	42.00	4.96	45.30	5.19	48.20	5.41	50.50	5.61
	14	25.20	3.85	31.80	4.42	39.00	5.01	42.00	5.24	45.30	5.53	48.20	5.80	50.50	6.02
	16	25.20	4.01	31.80	4.64	39.00	5.30	42.00	5.58	45.30	5.91	48.20	6.22	50.50	6.49
	18	25.20	4.21	31.80	4.89	39.00	5.64	42.00	5.96	45.30	6.36	48.20	6.72	50.50	7.02
	20	25.20	4.42	31.80	5.17	39.00	6.02	42.00	6.40	45.30	6.84	48.20	7.26	50.50	7.62
	21	25.20	4.53	31.80	5.32	39.00	6.23	42.00	6.64	45.30	7.12	48.20	7.57	50.50	7.94
	23	25.20	4.79	31.80	5.68	39.00	6.70	42.00	7.16	45.30	7.71	48.20	8.22	50.50	8.65
	25	25.20	5.09	31.80	6.07	39.00	7.23	42.00	7.75	45.30	8.38	48.20	8.96	50.50	9.43
	27	25.20	5.43	31.80	6.53	39.00	7.83	42.00	8.41	45.30	9.12	48.20	9.77	50.50	10.30
	29	25.20	5.81	31.80	7.05	39.00	8.50	42.00	9.16	45.30	9.94	48.20	10.60	50.50	11.14
	31	25.20	6.25	31.80	7.59	39.00	9.09	42.00	9.76	45.30	10.56	48.20	11.28	50.50	11.85
	33	25.20	6.62	31.80	8.03	39.00	9.64	42.00	10.36	45.30	11.23	48.20	11.99	50.50	12.61
	35	25.20	6.99	31.80	8.50	39.00	10.24	42.00	11.03	45.30	11.95	48.20	12.76	50.50	13.43
	37	25.20	7.40	31.80	9.04	39.00	10.89	42.00	11.73	45.30	12.72	48.20	13.60	50.50	14.31
	39	25.20	7.84	31.80	9.62	39.00	11.60	42.00	12.50	45.30	13.56	48.20	14.50	50.50	15.25
	41	25.20	8.33	31.80	10.25	39.00	12.37	42.00	13.33	45.30	14.45	48.20	15.46	50.50	16.26
	43	25.20	8.87	31.80	10.94	39.00	13.19	42.00	14.22	45.30	15.41	48.20	16.48	50.50	17.35
	46	25.20	9.78	31.80	12.05	39.00	14.54	42.00	15.66	45.30	16.98	48.20	18.14	50.50	19.09
	48	25.20	10.46	31.80	12.87	39.00	15.51	42.00	16.70	45.30	18.11	48.20	19.36	50.50	20.37
	50	25.20	11.20	31.80	13.75	39.00	16.56	42.00	17.82	45.30	19.32	48.20	20.64	50.50	21.72
	52	25.20	12.00	31.80	14.68	39.00	17.67	42.00	19.01	45.30	20.60	48.20	22.03	50.50	23.18

12. ARUM300LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

12. ARUM300LTE6

12.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	17.90	1.20	28.70	1.92	40.60	2.74	43.50	2.96	46.30	3.16	49.30	3.39	52.50	3.66
	12	17.90	1.20	28.70	1.93	40.60	2.76	43.50	2.98	46.30	3.20	49.30	3.42	52.50	3.71
	14	17.90	1.20	28.70	1.94	40.60	2.79	43.50	3.02	46.30	3.24	49.30	3.48	52.50	3.79
	16	17.90	1.21	28.70	1.96	40.60	2.86	43.50	3.09	46.30	3.34	49.30	3.60	52.50	3.95
	18	17.90	1.22	28.70	2.01	40.60	3.00	43.50	3.27	46.30	3.54	49.30	3.85	52.50	4.32
	20	17.90	1.25	28.70	2.12	40.60	3.35	43.50	3.71	46.30	4.10	49.30	4.52	52.50	5.33
	21	20.20	1.56	30.90	2.66	42.80	4.59	45.60	4.99	48.50	5.26	51.20	5.54	54.20	6.00
	23	25.00	3.70	35.50	4.57	47.30	5.81	50.00	6.12	52.70	6.47	55.00	6.78	57.70	7.33
	25	29.80	4.55	40.20	5.65	51.80	7.24	54.30	7.64	57.00	8.05	59.00	8.40	61.30	9.03
	27	34.80	5.72	45.00	7.09	56.50	9.13	58.90	9.61	61.40	10.12	63.00	10.45	68.50	11.89
	29	39.90	7.31	49.80	8.96	61.30	11.27	63.50	11.77	66.00	12.31	70.00	13.28	81.00	16.65
	31	45.20	9.18	54.90	11.03	66.30	13.82	68.30	14.38	74.30	16.04	82.80	18.64	93.60	23.04
	33	50.50	11.47	60.00	13.65	71.30	16.95	78.50	19.31	87.30	22.54	95.50	25.83	106.1	30.63
	35	56.00	14.35	65.40	16.89	83.70	23.62	91.50	27.03	100.4	30.59	108.2	34.00	118.5	39.29
	37	56.00	15.31	65.40	18.00	83.70	25.21	91.50	28.75	100.4	32.58	108.2	36.30	111.7	38.97
	39	56.00	16.32	65.40	19.20	83.70	26.93	91.50	30.60	100.4	34.76	104.6	36.94	103.4	37.30
	41	56.00	17.41	65.40	20.49	83.70	28.80	91.50	32.63	96.60	35.16	96.50	35.16	95.60	35.57
	43	56.00	18.58	65.40	21.86	83.70	30.83	88.90	33.45	88.90	33.44	88.90	33.43	87.80	33.81
	46	56.00	20.46	65.40	24.11	77.90	30.78	77.90	30.76	77.80	30.76	77.90	30.77	76.90	31.16
	48	56.00	21.84	65.40	25.73	71.00	28.85	71.00	28.83	70.90	28.79	70.90	28.82	70.00	29.17
	50	56.00	23.30	64.50	27.06	64.40	27.06	64.30	27.06	64.30	27.03	64.30	27.05	63.30	27.22
	52	56.00	24.88	57.30	24.23	57.60	23.68	57.70	23.56	57.80	23.42	57.90	23.33	57.40	23.51
120	10	16.50	1.11	26.50	1.77	37.50	2.53	40.10	2.71	42.80	2.90	45.50	3.11	48.50	3.35
	12	16.50	1.11	26.50	1.78	37.50	2.54	40.10	2.72	42.80	2.92	45.50	3.14	48.50	3.39
	14	16.50	1.11	26.50	1.78	37.50	2.56	40.10	2.75	42.80	2.97	45.50	3.18	48.50	3.46
	16	16.50	1.11	26.50	1.80	37.50	2.61	40.10	2.82	42.80	3.04	45.50	3.27	48.50	3.58
	18	16.50	1.13	26.50	1.83	37.50	2.72	40.10	2.95	42.80	3.20	45.50	3.47	48.50	3.86
	20	16.50	1.15	26.50	1.93	37.50	2.99	40.10	3.30	42.80	3.62	45.50	3.98	48.50	4.65
	21	18.70	1.40	28.50	2.37	39.50	3.98	42.10	4.45	44.70	4.90	47.30	5.15	50.00	5.54
	23	23.00	3.54	32.80	4.32	43.70	5.39	46.10	5.67	48.60	5.96	50.80	6.23	53.30	6.70
	25	27.50	4.31	37.00	5.27	47.80	6.66	50.20	6.99	52.60	7.36	54.50	7.64	56.60	8.19
	27	32.20	5.37	41.50	6.56	52.20	8.31	54.40	8.72	56.70	9.16	58.20	9.46	63.30	10.77
	29	36.80	6.77	46.00	8.25	56.60	10.27	58.70	10.70	60.80	11.18	64.50	12.00	74.80	14.90
	31	41.70	8.50	50.70	10.11	61.20	12.52	63.10	13.01	68.50	14.44	76.40	16.67	86.40	20.42
	33	46.70	10.52	55.50	12.41	65.80	15.28	72.50	17.32	80.70	20.06	88.20	22.85	98.00	27.43
	35	51.80	13.08	60.30	15.28	77.20	21.07	84.50	23.99	92.70	27.46	99.90	30.39	109.5	35.44
	37	51.80	13.96	60.30	16.30	77.20	22.48	84.50	25.61	92.70	29.22	99.90	32.36	109.5	37.88
	39	51.80	14.88	60.30	17.39	77.20	23.99	84.50	27.35	92.70	31.10	99.90	34.53	103.5	37.36
	41	51.80	15.88	60.30	18.55	77.20	25.61	84.50	29.26	92.70	33.16	96.60	35.18	95.50	35.54
	43	51.80	16.93	60.30	19.78	77.20	27.37	84.50	31.25	88.90	33.42	88.90	33.43	87.70	33.77
	46	51.80	18.66	60.30	21.79	77.20	30.31	77.90	30.80	77.90	30.77	77.80	30.77	76.90	31.20
	48	51.80	19.91	60.30	23.26	71.10	28.87	71.00	28.84	70.90	28.84	70.90	28.78	70.00	29.19
	50	51.80	21.24	60.30	24.83	64.50	27.10	64.40	27.11	64.70	27.21	64.40	27.06	63.50	27.36
	52	51.80	22.67	57.20	24.49	57.50	23.90	57.60	23.80	57.60	23.65	57.70	23.58	57.30	23.83
110	10	15.20	1.02	24.30	1.62	34.30	2.31	36.80	2.47	39.20	2.65	41.70	2.83	44.40	3.05
	12	15.20	1.02	24.30	1.62	34.30	2.32	36.80	2.49	39.20	2.66	41.70	2.85	44.40	3.08
	14	15.20	1.02	24.30	1.63	34.30	2.34	36.80	2.51	39.20	2.70	41.70	2.88	44.40	3.13
	16	15.20	1.02	24.30	1.64	34.30	2.38	36.80	2.56	39.20	2.75	41.70	2.95	44.40	3.23
	18	15.20	1.02	24.30	1.67	34.30	2.46	36.80	2.66	39.20	2.87	41.70	3.10	44.40	3.44

12. ARUM300LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	15.20	1.04	24.30	1.74	34.30	2.66	36.80	2.92	39.20	3.19	41.70	3.49	44.40	4.03
	21	17.10	1.26	26.20	2.09	36.20	3.42	38.50	3.81	41.00	4.24	43.30	4.68	45.80	5.12
	23	21.10	3.38	30.00	4.07	40.00	5.01	42.20	5.24	44.50	5.50	46.60	5.73	48.80	6.12
	25	25.20	4.07	34.00	4.92	43.80	6.12	46.00	6.40	48.20	6.70	50.00	6.95	51.90	7.41
	27	29.50	5.01	38.00	6.05	47.80	7.56	49.80	7.90	52.00	8.27	53.30	8.53	58.00	9.66
	29	33.80	6.27	42.20	7.55	51.90	9.34	53.80	9.70	55.80	10.11	59.20	10.81	68.60	13.28
	31	38.20	7.83	46.50	9.24	56.00	11.31	57.80	11.71	62.80	12.94	70.00	14.83	79.20	18.01
	33	42.80	9.63	50.80	11.26	60.30	13.72	66.40	15.46	73.90	17.79	80.80	20.13	89.80	24.18
	35	47.50	11.89	55.30	13.77	70.80	18.72	77.50	21.18	85.00	24.17	91.50	27.04	100.3	31.35
	37	47.50	12.67	55.30	14.69	70.80	19.97	77.50	22.59	85.00	25.80	91.50	28.77	100.3	33.40
	39	47.50	13.51	55.30	15.66	70.80	21.30	77.50	24.11	85.00	27.56	91.50	30.62	100.3	35.66
	41	47.50	14.42	55.30	16.71	70.80	22.73	77.50	25.74	85.00	29.49	91.50	32.64	95.50	35.56
	43	47.50	15.39	55.30	17.83	70.80	24.25	77.50	27.52	85.00	31.46	89.00	33.47	87.80	33.81
	46	47.50	16.95	55.30	19.64	70.80	26.78	77.50	30.47	77.80	30.77	77.90	30.77	76.90	31.17
	48	47.50	18.09	55.30	20.96	70.60	28.55	70.90	28.84	71.00	28.85	71.00	28.83	70.00	29.19
	50	47.50	19.30	55.30	22.36	64.50	27.07	64.50	27.07	64.30	27.04	64.50	27.09	63.60	27.40
	52	47.50	20.60	55.30	23.86	57.40	24.20	57.40	24.09	57.50	23.96	57.50	23.80	57.10	23.95
100	10	13.80	0.93	22.00	1.47	31.20	2.10	33.50	2.24	35.70	2.40	38.00	2.56	40.30	2.76
	12	13.80	0.93	22.00	1.48	31.20	2.10	33.50	2.26	35.70	2.42	38.00	2.58	40.30	2.77
	14	13.80	0.93	22.00	1.48	31.20	2.12	33.50	2.28	35.70	2.43	38.00	2.60	40.30	2.81
	16	13.80	0.93	22.00	1.48	31.20	2.15	33.50	2.31	35.70	2.47	38.00	2.65	40.30	2.89
	18	13.80	0.93	22.00	1.50	31.20	2.20	33.50	2.38	35.70	2.57	38.00	2.76	40.30	3.04
	20	13.80	0.94	22.00	1.55	31.20	2.36	33.50	2.57	35.70	2.80	38.00	3.04	40.30	3.47
	21	15.50	1.12	23.80	1.84	33.00	2.94	35.00	3.25	37.20	3.59	39.40	3.96	41.70	4.72
	23	19.20	3.23	27.30	3.84	36.30	4.65	38.40	4.85	40.50	5.06	42.30	5.26	44.40	5.59
	25	23.00	3.84	30.90	4.59	39.90	5.61	41.80	5.85	43.80	6.11	45.40	6.31	47.20	6.71
	27	26.80	4.67	34.50	5.58	43.50	6.86	45.30	7.15	47.20	7.46	48.50	7.67	52.70	8.62
	29	30.70	5.78	38.30	6.88	47.20	8.46	48.90	8.77	50.70	9.11	53.80	9.71	62.30	11.79
	31	34.70	7.20	42.20	8.41	51.00	10.17	52.50	10.51	57.10	11.55	63.70	13.15	72.00	15.81
	33	38.80	8.79	46.20	10.18	54.80	12.26	60.30	13.72	67.20	15.69	73.50	17.65	81.60	21.00
	35	43.20	10.76	50.30	12.36	64.30	16.54	70.50	18.60	77.20	21.08	83.30	23.47	91.20	27.58
	37	43.20	11.46	50.30	13.19	64.30	17.65	70.50	19.84	77.20	22.49	83.30	25.05	91.20	29.33
	39	43.20	12.23	50.30	14.06	64.30	18.82	70.50	21.17	77.20	24.00	83.30	26.76	91.20	31.24
	41	43.20	13.04	50.30	15.00	64.30	20.07	70.50	22.58	77.20	25.63	83.30	28.61	91.20	33.31
	43	43.20	13.91	50.30	16.01	64.30	21.41	70.50	24.10	77.20	27.38	83.30	30.63	87.80	33.79
	46	43.20	15.34	50.30	17.64	64.30	23.60	70.50	26.60	77.20	30.32	77.90	30.79	76.90	31.17
	48	43.20	16.37	50.30	18.82	64.30	25.20	70.50	28.44	71.00	28.86	71.00	28.83	70.00	29.20
	50	43.20	17.49	50.30	20.07	64.00	26.80	64.50	27.09	64.50	27.07	64.40	27.08	63.60	27.36
	52	43.20	18.66	50.30	21.42	57.10	24.48	57.20	24.30	57.40	24.10	57.50	23.96	57.00	24.06
90	10	12.40	0.83	19.80	1.32	28.10	1.89	30.10	2.01	32.00	2.15	34.20	2.30	36.30	2.47
	12	12.40	0.83	19.80	1.32	28.10	1.89	30.10	2.03	32.00	2.16	34.20	2.31	36.30	2.49
	14	12.40	0.83	19.80	1.33	28.10	1.89	30.10	2.03	32.00	2.17	34.20	2.33	36.30	2.51
	16	12.40	0.83	19.80	1.34	28.10	1.92	30.10	2.06	32.00	2.21	34.20	2.36	36.30	2.56
	18	12.40	0.83	19.80	1.34	28.10	1.96	30.10	2.11	32.00	2.27	34.20	2.44	36.30	2.67
	20	12.40	0.85	19.80	1.38	28.10	2.07	30.10	2.25	32.00	2.44	34.20	2.64	36.30	2.98
	21	14.00	0.99	21.40	1.61	29.70	2.50	31.50	2.75	33.50	3.02	35.50	3.30	37.50	3.98
	23	17.30	3.08	24.50	3.61	32.70	4.31	34.50	4.48	36.50	4.66	38.10	4.82	40.00	5.11
	25	20.70	3.62	27.80	4.26	35.90	5.14	37.70	5.34	39.50	5.56	40.80	5.73	42.50	6.06
	27	24.10	4.35	31.10	5.12	39.20	6.21	40.80	6.45	42.50	6.71	43.70	6.89	47.50	7.67
	29	27.70	5.32	34.50	6.26	42.50	7.60	44.00	7.88	45.70	8.18	48.50	8.69	56.20	10.43
	31	31.30	6.59	38.00	7.63	45.80	9.11	47.30	9.41	51.40	10.27	57.30	11.59	64.80	13.79

12. ARUM300LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	35.00	7.98	41.50	9.17	49.30	10.91	54.30	12.13	60.50	13.76	66.20	15.37	73.50	18.13
	35	38.80	9.70	45.30	11.04	57.90	14.54	63.40	16.24	69.50	18.28	75.00	20.23	82.10	23.68
	37	38.80	10.33	45.30	11.77	57.90	15.50	63.40	17.32	69.50	19.49	75.00	21.57	82.10	25.27
	39	38.80	11.01	45.30	12.56	57.90	16.53	63.40	18.47	69.50	20.79	75.00	23.02	82.10	26.99
	41	38.80	11.75	45.30	13.39	57.90	17.63	63.40	19.70	69.50	22.18	75.00	24.57	82.10	28.87
	43	38.80	12.53	45.30	14.29	57.90	18.82	63.40	21.02	69.50	23.67	75.00	26.24	82.10	30.87
	46	38.80	13.83	45.30	15.76	57.90	20.73	63.40	23.17	69.50	26.13	75.00	29.02	76.90	31.16
	48	38.80	14.77	45.30	16.82	57.90	22.11	63.40	24.73	69.50	27.93	71.00	28.85	70.20	29.21
	50	38.80	15.76	45.30	17.95	57.90	23.60	63.40	26.42	64.50	27.09	64.50	27.09	63.60	27.39
	52	38.80	16.83	45.30	19.15	57.10	24.67	57.20	24.49	57.30	24.29	57.40	24.09	57.00	24.25
80	10	11.00	0.74	17.70	1.18	25.00	1.67	26.70	1.79	28.50	1.91	30.30	2.03	32.30	2.19
	12	11.00	0.74	17.70	1.18	25.00	1.68	26.70	1.80	28.50	1.91	30.30	2.05	32.30	2.19
	14	11.00	0.74	17.70	1.18	25.00	1.68	26.70	1.80	28.50	1.93	30.30	2.05	32.30	2.21
	16	11.00	0.74	17.70	1.18	25.00	1.69	26.70	1.82	28.50	1.94	30.30	2.08	32.30	2.25
	18	11.00	0.74	17.70	1.19	25.00	1.73	26.70	1.85	28.50	1.99	30.30	2.13	32.30	2.32
	20	11.00	0.74	17.70	1.22	25.00	1.80	26.70	1.95	28.50	2.11	30.30	2.28	32.30	2.54
	21	12.50	0.87	19.00	1.39	26.30	2.11	28.00	2.30	29.80	2.52	31.50	2.75	33.30	3.23
	23	16.00	2.99	21.80	3.39	29.10	3.98	30.70	4.13	32.40	4.28	33.90	4.41	35.50	4.66
	25	18.30	3.41	24.70	3.96	31.90	4.69	33.50	4.86	35.00	5.05	36.30	5.18	37.70	5.46
	27	21.50	4.03	27.70	4.69	34.80	5.60	36.30	5.80	37.80	6.02	38.80	6.16	42.20	6.81
	29	24.50	4.87	30.70	5.67	37.70	6.78	39.10	7.01	40.50	7.27	43.00	7.71	49.90	9.17
	31	27.80	5.97	33.80	6.88	40.80	8.14	42.00	8.38	45.70	9.08	51.00	10.16	57.60	11.95
	33	31.10	7.20	37.00	8.21	43.90	9.66	48.30	10.66	53.80	11.98	58.80	13.30	65.30	15.53
	35	34.50	8.70	40.20	9.82	51.50	12.68	56.30	14.08	61.80	15.72	66.60	17.29	73.00	20.06
	37	34.50	9.26	40.20	10.46	51.50	13.52	56.30	15.01	61.80	16.77	66.60	18.44	73.00	21.40
	39	34.50	9.87	40.20	11.15	51.50	14.43	56.30	16.01	61.80	17.89	66.60	19.67	73.00	22.83
	41	34.50	10.53	40.20	11.90	51.50	15.39	56.30	17.08	61.80	19.08	66.60	20.98	73.00	24.36
	43	34.50	11.23	40.20	12.69	51.50	16.42	56.30	18.21	61.80	20.35	66.60	22.39	73.00	26.03
	46	34.50	12.39	40.20	14.01	51.50	18.10	56.30	20.07	61.80	22.43	66.60	24.69	73.00	28.78
	48	34.50	13.23	40.20	14.95	51.50	19.30	56.30	21.41	61.80	23.94	66.60	26.37	70.10	29.20
	50	34.50	14.15	40.20	15.96	51.50	20.59	56.30	22.85	61.80	25.57	64.50	27.10	63.60	27.41
	52	34.50	15.11	40.20	17.05	51.50	21.97	56.30	24.37	57.10	24.51	57.30	24.34	56.90	24.48
70	10	9.70	0.64	15.50	1.03	21.80	1.46	23.40	1.57	25.00	1.67	26.50	1.78	28.30	1.91
	12	9.70	0.64	15.50	1.02	21.80	1.46	23.40	1.57	25.00	1.67	26.50	1.78	28.30	1.91
	14	9.70	0.65	15.50	1.02	21.80	1.47	23.40	1.57	25.00	1.68	26.50	1.79	28.30	1.93
	16	9.70	0.65	15.50	1.04	21.80	1.47	23.40	1.59	25.00	1.69	26.50	1.80	28.30	1.94
	18	9.70	0.65	15.50	1.04	21.80	1.50	23.40	1.61	25.00	1.72	26.50	1.84	28.30	2.00
	20	9.70	0.65	15.50	1.06	21.80	1.55	23.40	1.67	25.00	1.79	26.50	1.93	28.30	2.14
	21	10.90	0.75	16.70	1.18	23.00	1.77	24.50	1.92	26.00	2.08	27.60	2.25	29.20	2.61
	23	13.50	2.40	19.10	3.18	25.50	3.68	26.90	3.80	28.30	3.93	29.70	4.04	31.00	4.23
	25	16.00	3.20	21.60	3.66	27.90	4.27	29.30	4.41	30.70	4.57	31.80	4.68	33.00	4.91
	27	18.70	3.73	24.20	4.28	30.50	5.04	31.70	5.21	33.00	5.37	34.00	5.49	36.90	6.02
	29	21.50	4.44	26.80	5.10	33.00	6.03	34.20	6.21	35.50	6.42	37.70	6.77	43.70	7.99
	31	24.30	5.38	29.50	6.16	35.70	7.21	36.80	7.40	40.00	7.99	44.50	8.85	50.40	10.29
	33	27.20	6.46	32.30	7.29	38.40	8.51	42.30	9.31	47.00	10.37	51.50	11.41	57.10	13.18
	35	30.20	7.74	35.20	8.67	45.00	10.99	49.30	12.09	54.00	13.41	58.30	14.65	63.80	16.83
	37	30.20	8.21	35.20	9.22	45.00	11.71	49.30	12.90	54.00	14.30	58.30	15.62	63.80	17.95
	39	30.20	8.73	35.20	9.84	45.00	12.49	49.30	13.75	54.00	15.25	58.30	16.67	63.80	19.15
	41	30.20	9.30	35.20	10.49	45.00	13.32	49.30	14.67	54.00	16.27	58.30	17.78	63.80	20.42
	43	30.20	9.93	35.20	11.20	45.00	14.22	49.30	15.66	54.00	17.36	58.30	18.97	63.80	21.79
	46	30.20	10.98	35.20	12.36	45.00	15.68	49.30	17.26	54.00	19.13	58.30	20.90	63.80	24.02

12. ARUM300LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	30.20	11.76	35.20	13.21	45.00	16.73	49.30	18.41	54.00	20.40	58.30	22.29	63.80	25.66
	50	30.20	12.60	35.20	14.11	45.00	17.85	49.30	19.65	54.00	21.77	58.30	23.78	63.30	27.19
	52	30.20	13.49	35.20	15.08	45.00	19.06	49.30	20.96	54.00	23.23	57.20	24.66	56.70	24.77
60	10	8.30	0.56	13.20	0.88	18.70	1.25	20.00	1.34	21.40	1.43	22.80	1.52	24.20	1.63
	12	8.30	0.56	13.20	0.88	18.70	1.25	20.00	1.34	21.40	1.43	22.80	1.52	24.20	1.64
	14	8.30	0.56	13.20	0.88	18.70	1.25	20.00	1.34	21.40	1.43	22.80	1.53	24.20	1.64
	16	8.30	0.57	13.20	0.88	18.70	1.26	20.00	1.34	21.40	1.44	22.80	1.54	24.20	1.66
	18	8.30	0.57	13.20	0.88	18.70	1.27	20.00	1.36	21.40	1.46	22.80	1.56	24.20	1.69
	20	8.30	0.57	13.20	0.90	18.70	1.30	20.00	1.40	21.40	1.50	22.80	1.62	24.20	1.77
	21	9.30	0.63	14.30	0.99	19.80	1.46	21.00	1.58	22.30	1.70	23.70	1.82	25.00	2.07
	23	11.50	1.68	16.40	2.53	21.80	3.38	23.00	3.48	24.30	3.59	25.40	3.68	26.70	3.84
	25	14.80	3.11	18.50	3.37	24.00	3.87	25.10	3.99	26.30	4.11	27.20	4.21	28.30	4.39
	27	16.00	3.44	20.70	3.89	26.10	4.51	27.20	4.64	28.30	4.78	29.10	4.87	31.70	5.30
	29	18.50	4.03	23.00	4.57	28.30	5.31	29.30	5.47	30.50	5.63	32.30	5.92	37.50	6.88
	31	20.80	4.80	25.30	5.44	30.50	6.34	31.50	6.50	34.30	6.96	38.20	7.65	43.20	8.79
	33	23.30	5.73	27.70	6.42	32.90	7.41	36.20	8.06	40.30	8.89	44.10	9.70	49.00	11.08
	35	25.90	6.80	30.20	7.57	38.60	9.44	42.30	10.30	46.30	11.32	50.00	12.27	54.70	13.95
	37	25.90	7.20	30.20	8.02	38.60	10.05	42.30	10.97	46.30	12.07	50.00	13.08	54.70	14.88
	39	25.90	7.65	30.20	8.54	38.60	10.71	42.30	11.70	46.30	12.87	50.00	13.95	54.70	15.87
	41	25.90	8.14	30.20	9.10	38.60	11.42	42.30	12.48	46.30	13.72	50.00	14.89	54.70	16.93
	43	25.90	8.67	30.20	9.71	38.60	12.20	42.30	13.33	46.30	14.65	50.00	15.88	54.70	18.05
	46	25.90	9.56	30.20	10.73	38.60	13.45	42.30	14.70	46.30	16.14	50.00	17.51	54.70	19.89
	48	25.90	10.22	30.20	11.50	38.60	14.37	42.30	15.69	46.30	17.23	50.00	18.68	54.70	21.22
	50	25.90	10.94	30.20	12.33	38.60	15.34	42.30	16.74	46.30	18.39	50.00	19.93	54.70	22.65
	52	25.90	11.73	30.20	13.22	38.60	16.39	42.30	17.87	46.30	19.62	50.00	21.26	54.70	24.17
50	10	6.90	0.52	11.00	0.73	15.60	1.04	16.70	1.11	17.80	1.19	19.00	1.27	20.20	1.36
	12	6.90	0.52	11.00	0.73	15.60	1.04	16.70	1.11	17.80	1.18	19.00	1.27	20.20	1.36
	14	6.90	0.52	11.00	0.73	15.60	1.04	16.70	1.11	17.80	1.20	19.00	1.27	20.20	1.36
	16	6.90	0.52	11.00	0.74	15.60	1.04	16.70	1.11	17.80	1.20	19.00	1.27	20.20	1.37
	18	6.90	0.53	11.00	0.74	15.60	1.04	16.70	1.13	17.80	1.20	19.00	1.29	20.20	1.39
	20	6.90	0.53	11.00	0.74	15.60	1.06	16.70	1.15	17.80	1.23	19.00	1.32	20.20	1.43
	21	7.80	0.56	11.90	0.81	16.50	1.16	17.50	1.26	18.60	1.35	19.70	1.45	20.80	1.61
	23	9.60	1.15	13.70	1.70	18.20	3.11	19.20	3.18	20.20	3.27	21.20	3.34	22.20	3.47
	25	13.80	3.07	15.90	3.15	20.00	3.50	20.90	3.59	21.90	3.68	22.70	3.76	23.50	3.91
	27	14.30	3.28	17.30	3.52	21.70	4.01	22.70	4.11	23.60	4.21	24.20	4.30	26.30	4.62
	29	15.30	3.64	19.20	4.07	23.60	4.65	24.50	4.76	25.30	4.89	26.90	5.12	31.20	5.86
	31	17.30	4.26	21.10	4.76	25.50	5.47	26.30	5.60	28.50	5.99	31.80	6.55	36.00	7.42
	33	19.50	5.03	23.10	5.58	27.50	6.37	30.20	6.88	33.60	7.53	36.70	8.16	40.80	9.20
	35	21.50	5.89	25.20	6.51	32.20	8.00	35.20	8.67	38.60	9.44	41.70	10.15	45.60	11.40
	37	21.50	6.22	25.20	6.89	32.20	8.49	35.20	9.23	38.60	10.05	41.70	10.81	45.60	12.15
	39	21.50	6.58	25.20	7.31	32.20	9.04	35.20	9.84	38.60	10.71	41.70	11.53	45.60	12.96
	41	21.50	6.97	25.20	7.77	32.20	9.64	35.20	10.49	38.60	11.43	41.70	12.30	45.60	13.82
	43	21.50	7.41	25.20	8.27	32.20	10.30	35.20	11.20	38.60	12.20	41.70	13.13	45.60	14.75
	46	21.50	8.15	25.20	9.14	32.20	11.40	35.20	12.36	38.60	13.46	41.70	14.48	45.60	16.25
	48	21.50	8.71	25.20	9.76	32.20	12.20	35.20	13.21	38.60	14.37	41.70	15.46	45.60	17.35
	50	21.50	9.31	25.20	10.45	32.20	13.05	35.20	14.11	38.60	15.36	41.70	16.50	45.60	18.51
	52	21.50	9.99	25.20	11.20	32.20	13.94	35.20	15.08	38.60	16.40	41.70	17.62	45.60	19.76

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

12. ARUM300LTE6

12.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	56.30	25.09	55.90	25.30	55.50	25.51	55.20	25.61	55.00	25.72	54.70	25.93
	-24.8	-25	65.50	26.37	65.00	26.61	64.70	26.84	64.40	26.96	64.20	27.08	63.70	27.31
	-21.8	-22	71.30	27.11	70.80	27.36	70.30	27.61	70.00	27.74	69.80	27.86	69.30	28.09
	-19.8	-20	75.40	27.61	74.80	27.87	74.30	28.13	74.00	28.26	73.80	28.38	73.30	28.63
	-18.8	-19	77.50	27.86	77.00	28.12	76.40	28.39	76.20	28.51	75.80	28.64	75.30	28.89
	-16.7	-17	81.80	28.36	81.30	28.64	80.70	28.91	80.40	29.04	80.10	29.17	79.50	29.44
	-15	-15.9	84.50	28.66	83.80	28.94	83.20	29.21	83.00	29.34	82.70	29.48	82.10	29.74
	-13.7	-15	86.80	28.92	86.10	29.21	85.60	29.49	85.30	29.63	85.00	29.77	84.50	30.04
	-11.8	-13	91.20	29.41	90.50	29.69	90.00	29.99	89.60	30.13	89.30	30.27	88.70	30.54
	-9.8	-11	96.10	29.92	95.40	30.22	94.80	30.52	94.50	30.66	94.10	30.81	93.50	31.09
	-9.5	-10	98.50	30.16	97.80	30.47	97.10	30.77	96.80	30.92	96.50	31.07	95.80	31.36
	-8.5	-9.1	100.8	30.41	100.1	30.71	99.30	31.02	99.00	31.17	98.70	31.32	98.00	31.61
	-7	-7.6	104.8	30.81	104.0	31.12	103.3	31.44	103.0	31.59	102.6	31.74	101.8	32.04
	-5	-5.6	110.3	31.36	109.5	31.68	108.7	31.99	108.3	32.16	108.0	32.31	107.2	32.61
	-3	-3.7	115.8	31.88	115.0	32.21	114.1	32.54	113.8	32.71	113.3	32.86	107.5	30.84
	0	-0.7	124.8	32.73	123.8	33.08	122.8	33.36	119.0	32.02	115.2	30.69	107.5	28.11
	3	2.2	133.7	33.56	130.5	32.95	122.8	30.47	119.0	29.25	115.2	28.06	107.5	25.73
	5	4.1	138.2	33.45	130.5	31.05	122.8	28.74	119.0	27.60	115.2	26.48	107.5	24.31
	7	6	138.2	31.50	130.5	29.26	122.8	27.09	119.0	26.02	115.2	24.97	107.5	22.93
	9	7.9	138.2	29.58	130.5	27.49	122.8	25.46	119.0	24.47	115.2	23.49	107.5	21.59
	11	9.8	138.2	27.75	130.5	25.81	122.8	23.92	119.0	23.00	115.2	22.09	107.5	20.32
	13	11.8	138.2	25.93	130.5	24.14	122.8	22.40	119.0	21.55	115.2	20.70	107.5	19.05
	15	13.7	138.2	24.31	130.5	22.65	122.8	21.02	119.0	20.23	115.2	19.45	107.5	17.92
120	-30	-30.2	56.00	25.21	55.70	25.41	55.20	25.63	55.00	25.73	54.80	25.83	54.50	26.03
	-24.8	-25	65.20	26.53	64.80	26.76	64.30	26.99	64.00	27.11	63.90	27.22	63.40	27.44
	-21.8	-22	71.00	27.29	70.50	27.54	70.00	27.79	69.70	27.91	69.50	28.03	69.00	28.26
	-19.8	-20	75.00	27.81	74.50	28.06	74.00	28.32	73.70	28.44	73.50	28.56	73.00	28.81
	-18.8	-19	77.00	28.06	76.50	28.33	76.00	28.59	75.70	28.71	75.50	28.84	75.00	29.09
	-16.7	-17	81.30	28.59	80.80	28.86	80.20	29.13	80.00	29.26	79.70	29.39	79.20	29.64
	-15	-15.9	83.80	28.89	83.30	29.17	82.70	29.44	82.50	29.58	82.20	29.71	81.60	29.97
	-13.7	-15	86.30	29.17	85.60	29.46	85.10	29.74	84.80	29.87	84.50	30.01	84.00	30.27
	-11.8	-13	90.60	29.68	90.00	29.96	89.30	30.24	89.00	30.39	88.80	30.52	88.20	30.79
	-9.8	-11	95.50	30.22	94.80	30.51	94.10	30.81	93.80	30.96	93.50	31.09	92.80	31.37
	-9.5	-10	97.80	30.48	97.10	30.78	96.30	31.07	96.00	31.22	95.80	31.36	95.10	31.64
	-8.5	-9.1	100.0	30.73	99.30	31.04	98.70	31.33	98.30	31.48	98.00	31.62	97.30	31.91
	-7	-7.6	104.0	31.16	103.3	31.46	102.5	31.77	102.2	31.92	101.8	32.06	99.20	31.41
	-5	-5.6	109.3	31.73	108.6	32.04	107.8	32.36	107.5	32.51	106.3	32.27	99.20	29.55
	-3	-3.7	114.8	32.29	114.0	32.61	113.1	32.94	109.8	31.72	106.3	30.42	99.20	27.86
	0	-0.7	123.5	33.19	120.5	32.53	113.4	30.09	109.8	28.90	106.3	27.72	99.20	25.43
	3	2.2	127.5	31.99	120.5	29.72	113.4	27.51	109.8	26.44	106.3	25.38	99.20	23.31
	5	4.1	127.5	30.15	120.5	28.04	113.4	25.98	109.8	24.97	106.3	23.97	99.20	22.04
	7	6	127.5	28.42	120.5	26.42	113.4	24.50	109.8	23.55	106.3	22.62	99.20	20.80
	9	7.9	127.5	26.70	120.5	24.85	113.4	23.05	109.8	22.17	106.3	21.30	99.20	19.60
	11	9.8	127.5	25.08	120.5	23.35	113.4	21.68	109.8	20.86	106.3	20.05	99.20	18.47
	13	11.8	127.5	23.46	120.5	21.86	113.4	20.32	109.8	19.56	106.3	18.80	99.20	17.34

12. ARUM300LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	127.5	22.01	120.5	20.53	113.4	19.09	109.8	18.39	106.3	17.68	99.20	16.32
110	-30	-30.2	55.80	25.34	55.40	25.56	55.00	25.76	54.80	25.86	54.50	25.96	54.20	26.16
	-24.8	-25	64.90	26.71	64.40	26.94	64.00	27.16	63.70	27.28	63.50	27.39	63.00	27.61
	-21.8	-22	70.50	27.51	70.00	27.74	69.50	27.99	69.30	28.11	69.00	28.22	68.70	28.46
	-19.8	-20	74.50	28.04	74.00	28.29	73.50	28.54	73.20	28.66	73.00	28.78	72.50	29.02
	-18.8	-19	76.50	28.31	76.00	28.56	75.50	28.82	75.20	28.94	75.00	29.06	74.50	29.31
	-16.7	-17	80.80	28.86	80.20	29.12	79.70	29.38	79.40	29.51	79.20	29.64	78.60	29.89
	-15	-15.9	83.30	29.18	82.70	29.44	82.20	29.71	81.90	29.84	81.60	29.97	81.00	30.22
	-13.7	-15	85.60	29.47	85.10	29.75	84.50	30.02	84.30	30.16	84.00	30.29	83.50	30.55
	-11.8	-13	90.00	29.99	89.30	30.28	88.70	30.56	88.30	30.69	88.10	30.82	87.50	31.09
	-9.8	-11	94.60	30.57	94.00	30.86	93.30	31.14	93.00	31.28	92.70	31.42	91.00	31.08
	-9.5	-10	97.00	30.84	96.30	31.13	95.60	31.42	95.30	31.56	95.00	31.69	91.00	30.23
	-8.5	-9.1	99.20	31.11	98.50	31.41	97.80	31.69	97.50	31.84	97.20	31.98	91.00	29.42
	-7	-7.6	103.0	31.56	102.3	31.86	101.6	32.16	100.7	32.00	97.50	30.69	91.00	28.13
	-5	-5.6	108.3	32.16	107.6	32.47	104.0	31.36	100.7	30.10	97.50	28.88	91.00	26.49
	-3	-3.7	113.6	32.76	110.5	31.94	104.0	29.56	100.7	28.39	97.50	27.24	91.00	25.00
	0	-0.7	117.0	31.31	110.5	29.09	104.0	26.95	100.7	25.90	97.50	24.87	91.00	22.85
	3	2.2	117.0	28.61	110.5	26.62	104.0	24.68	100.7	23.74	97.50	22.80	91.00	20.97
	5	4.1	117.0	27.00	110.5	25.13	104.0	23.32	100.7	22.44	97.50	21.57	91.00	19.86
	7	6	117.0	25.45	110.5	23.70	104.0	22.00	100.7	21.17	97.50	20.35	91.00	18.75
	9	7.9	117.0	23.95	110.5	22.31	104.0	20.72	100.7	19.95	97.50	19.18	91.00	17.68
	11	9.8	117.0	22.51	110.5	20.99	104.0	19.51	100.7	18.79	97.50	18.08	91.00	16.69
	13	11.8	117.0	21.09	110.5	19.68	104.0	18.31	100.7	17.65	97.50	16.98	91.00	15.68
	15	13.7	117.0	19.81	110.5	18.51	104.0	17.23	100.7	16.61	97.50	15.99	91.00	14.78
100	-30	-30.2	55.50	25.51	55.00	25.71	54.70	25.91	54.50	26.01	54.30	26.11	53.90	26.31
	-24.8	-25	64.50	26.93	64.00	27.15	63.50	27.38	63.30	27.48	63.20	27.59	62.70	27.81
	-21.8	-22	70.00	27.76	69.50	27.99	69.00	28.23	68.80	28.34	68.70	28.46	68.20	28.68
	-19.8	-20	74.00	28.31	73.50	28.56	73.00	28.81	72.70	28.92	72.50	29.04	72.00	29.27
	-18.8	-19	76.00	28.59	75.50	28.84	75.00	29.09	74.70	29.21	74.50	29.33	74.00	29.57
	-16.7	-17	80.10	29.17	79.50	29.43	79.00	29.68	78.80	29.81	78.50	29.93	78.00	30.17
	-15	-15.9	82.60	29.51	82.00	29.77	81.50	30.03	81.20	30.16	81.00	30.28	80.40	30.52
	-13.7	-15	85.00	29.82	84.30	30.09	83.80	30.36	83.60	30.49	83.30	30.62	82.70	30.80
	-11.8	-13	89.10	30.37	88.50	30.64	87.90	30.91	87.60	31.04	87.30	31.17	82.70	29.23
	-9.8	-11	93.70	30.97	93.10	31.26	92.50	31.53	91.50	31.34	88.50	30.06	82.70	27.57
	-9.5	-10	96.00	31.26	95.30	31.54	94.50	31.73	91.50	30.47	88.50	29.24	82.70	26.83
	-8.5	-9.1	98.20	31.54	97.50	31.84	94.50	30.88	91.50	29.66	88.50	28.46	82.70	26.13
	-7	-7.6	102.0	32.02	100.4	31.88	94.50	29.52	91.50	28.36	88.50	27.22	82.70	25.00
	-5	-5.6	106.3	32.27	100.4	30.00	94.50	27.79	91.50	26.70	88.50	25.64	82.70	23.56
	-3	-3.7	106.3	30.42	100.4	28.28	94.50	26.22	91.50	25.20	88.50	24.21	82.70	22.26
	0	-0.7	106.3	27.73	100.4	25.81	94.50	23.94	91.50	23.03	88.50	22.13	82.70	20.37
	3	2.2	106.3	25.38	100.4	23.65	94.50	21.97	91.50	21.14	88.50	20.33	82.70	18.74
	5	4.1	106.3	23.97	100.4	22.36	94.50	20.78	91.50	20.01	88.50	19.25	82.70	17.75
	7	6	106.3	22.62	100.4	21.10	94.50	19.62	91.50	18.89	88.50	18.17	82.70	16.77
	9	7.9	106.3	21.30	100.4	19.88	94.50	18.50	91.50	17.82	88.50	17.15	82.70	15.84
	11	9.8	106.3	20.05	100.4	18.73	94.50	17.44	91.50	16.81	88.50	16.19	82.70	14.96
	13	11.8	106.3	18.80	100.4	17.58	94.50	16.39	91.50	15.80	88.50	15.22	82.70	14.08
	15	13.7	106.3	17.68	100.4	16.55	94.50	15.43	91.50	14.90	88.50	14.35	82.70	13.30

12. ARUM300LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	55.00	25.71	54.70	25.91	54.30	26.11	54.20	26.21	53.90	26.31	53.50	26.50
	-24.8	-25	64.00	27.18	63.50	27.41	63.00	27.62	62.90	27.73	62.70	27.83	62.20	28.04
	-21.8	-22	69.50	28.05	69.00	28.28	68.50	28.51	68.30	28.63	68.00	28.74	67.70	28.96
	-19.8	-20	73.30	28.64	72.80	28.88	72.30	29.11	72.00	29.23	71.80	29.34	71.30	29.57
	-18.8	-19	75.30	28.94	74.70	29.18	74.20	29.42	74.00	29.54	73.70	29.66	73.30	29.88
	-16.7	-17	79.30	29.54	78.80	29.79	78.30	30.04	78.00	30.16	77.70	30.28	74.40	28.85
	-15	-15.9	81.80	29.89	81.20	30.16	80.70	30.41	80.40	30.53	79.70	30.41	74.40	27.91
	-13.7	-15	84.10	30.24	83.50	30.50	83.00	30.76	82.40	30.67	79.70	29.41	74.40	26.96
	-11.8	-13	88.10	30.81	87.50	31.08	85.00	30.28	82.40	29.10	79.70	27.93	74.40	25.63
	-9.8	-11	92.60	31.46	90.30	30.82	85.00	28.56	82.40	27.45	79.70	26.36	74.40	24.22
	-9.5	-10	94.80	31.76	90.30	29.98	85.00	27.79	82.40	26.71	79.70	25.65	74.40	23.59
	-8.5	-9.1	95.70	31.37	90.30	29.18	85.00	27.05	82.40	26.01	79.70	24.98	74.40	22.97
	-7	-7.6	95.70	29.99	90.30	27.90	85.00	25.88	82.40	24.89	79.70	23.91	74.40	21.99
	-5	-5.6	95.70	28.22	90.30	26.28	85.00	24.38	82.40	23.45	79.70	22.54	74.40	20.75
	-3	-3.7	95.70	26.63	90.30	24.81	85.00	23.03	82.40	22.16	79.70	21.30	74.40	19.63
	0	-0.7	95.70	24.31	90.30	22.67	85.00	21.07	82.40	20.29	79.70	19.51	74.40	17.99
	3	2.2	95.70	22.30	90.30	20.81	85.00	19.37	82.40	18.66	79.70	17.95	74.40	16.58
	5	4.1	95.70	21.09	90.30	19.70	85.00	18.35	82.40	17.67	79.70	17.01	74.40	15.72
	7	6	95.70	19.91	90.30	18.60	85.00	17.33	82.40	16.70	79.70	16.09	74.40	14.88
	9	7.9	95.70	18.77	90.30	17.55	85.00	16.36	82.40	15.78	79.70	15.20	74.40	14.07
	11	9.8	95.70	17.70	90.30	16.56	85.00	15.45	82.40	14.90	79.70	14.36	74.40	13.30
	13	11.8	95.70	16.62	90.30	15.56	85.00	14.53	82.40	14.03	79.70	13.53	74.40	12.55
	15	13.7	95.70	15.66	90.30	14.68	85.00	13.72	82.40	13.25	79.70	12.78	74.40	11.86
80	-30	-30.2	54.70	25.95	54.20	26.15	53.90	26.34	53.70	26.44	53.50	26.53	53.20	26.72
	-24.8	-25	63.30	27.49	62.90	27.71	62.50	27.93	62.20	28.03	62.00	28.13	61.70	28.33
	-21.8	-22	68.70	28.41	68.20	28.64	67.80	28.86	67.50	28.96	67.40	29.08	66.20	28.80
	-19.8	-20	72.50	29.03	72.00	29.26	71.50	29.49	71.30	29.61	70.80	29.61	66.20	27.20
	-18.8	-19	74.40	29.35	73.90	29.59	73.40	29.81	73.20	29.93	70.80	28.78	66.20	26.45
	-16.7	-17	78.40	29.99	77.80	30.24	75.60	29.42	73.20	28.29	70.80	27.17	66.20	24.98
	-15	-15.9	80.70	30.37	80.20	30.62	75.60	28.46	73.20	27.36	70.80	26.27	66.20	24.13
	-13.7	-15	83.00	30.74	80.30	29.69	75.60	27.51	73.20	26.44	70.80	25.37	66.20	23.31
	-11.8	-13	85.00	30.29	80.30	28.19	75.60	26.14	73.20	25.12	70.80	24.13	66.20	22.18
	-9.8	-11	85.00	28.56	80.30	26.60	75.60	24.69	73.20	23.76	70.80	22.83	66.20	21.03
	-9.5	-10	85.00	27.79	80.30	25.88	75.60	24.03	73.20	23.13	70.80	22.23	66.20	20.48
	-8.5	-9.1	85.00	27.05	80.30	25.20	75.60	23.41	73.20	22.53	70.80	21.67	66.20	19.95
	-7	-7.6	85.00	25.88	80.30	24.12	75.60	22.41	73.20	21.58	70.80	20.74	66.20	19.12
	-5	-5.6	85.00	24.38	80.30	22.74	75.60	21.14	73.20	20.36	70.80	19.59	66.20	18.06
	-3	-3.7	85.00	23.03	80.30	21.49	75.60	19.99	73.20	19.26	70.80	18.53	66.20	17.11
	0	-0.7	85.00	21.07	80.30	19.69	75.60	18.33	73.20	17.66	70.80	17.02	66.20	15.73
	3	2.2	85.00	19.37	80.30	18.11	75.60	16.89	73.20	16.28	70.80	15.69	66.20	14.52
	5	4.1	85.00	18.35	80.30	17.16	75.60	16.00	73.20	15.44	70.80	14.88	66.20	13.78
	7	6	85.00	17.33	80.30	16.22	75.60	15.14	73.20	14.61	70.80	14.08	66.20	13.05
	9	7.9	85.00	16.36	80.30	15.33	75.60	14.32	73.20	13.82	70.80	13.33	66.20	12.36
	11	9.8	85.00	15.45	80.30	14.48	75.60	13.53	73.20	13.08	70.80	12.61	66.20	11.71
	13	11.8	85.00	14.53	80.30	13.63	75.60	12.76	73.20	12.33	70.80	11.90	66.20	11.07
	15	13.7	85.00	13.72	80.30	12.88	75.60	12.06	73.20	11.66	70.80	11.26	66.20	10.48
70	-30	-30.2	54.00	26.26	53.70	26.45	53.30	26.64	53.20	26.73	53.00	26.83	52.60	27.00

12. ARUM300LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	62.50	27.89	62.20	28.10	61.70	28.30	61.50	28.40	61.30	28.50	57.80	26.66
	-21.8	-22	67.80	28.86	67.30	29.08	66.20	28.80	64.00	27.70	62.00	26.62	57.80	24.50
	-19.8	-20	71.50	29.53	70.30	29.31	66.20	27.20	64.00	26.18	62.00	25.16	57.80	23.17
	-18.8	-19	73.30	29.86	70.30	28.48	66.20	26.45	64.00	25.45	62.00	24.46	57.80	22.53
	-16.7	-17	74.40	28.86	70.30	26.90	66.20	24.98	64.00	24.05	62.00	23.12	57.80	21.30
	-15	-15.9	74.40	27.91	70.30	26.01	66.20	24.13	64.00	23.22	62.00	22.32	57.80	20.55
	-13.7	-15	74.40	26.97	70.30	25.11	66.20	23.32	64.00	22.43	62.00	21.56	57.80	19.85
	-11.8	-13	74.40	25.63	70.30	23.87	66.20	22.18	64.00	21.33	62.00	20.51	57.80	18.89
	-9.8	-11	74.40	24.23	70.30	22.61	66.20	21.03	64.00	20.24	62.00	19.46	57.80	17.93
	-9.5	-10	74.40	23.59	70.30	22.01	66.20	20.48	64.00	19.73	62.00	18.98	57.80	17.53
	-8.5	-9.1	74.40	22.97	70.30	21.44	66.20	19.95	64.00	19.23	62.00	18.51	57.80	17.09
	-7	-7.6	74.40	21.99	70.30	20.55	66.20	19.12	64.00	18.43	62.00	17.74	57.80	16.39
	-5	-5.6	74.40	20.75	70.30	19.39	66.20	18.06	64.00	17.42	62.00	16.77	57.80	15.52
	-3	-3.7	74.40	19.63	70.30	18.36	66.20	17.11	64.00	16.50	62.00	15.90	57.80	14.71
	0	-0.7	74.40	17.99	70.30	16.85	66.20	15.73	64.00	15.17	62.00	14.62	57.80	13.55
	3	2.2	74.40	16.58	70.30	15.54	66.20	14.52	64.00	14.02	62.00	13.52	57.80	12.54
	5	4.1	74.40	15.72	70.30	14.74	66.20	13.78	64.00	13.30	62.00	12.84	57.80	11.92
	7	6	74.40	14.88	70.30	13.95	66.20	13.05	64.00	12.61	62.00	12.17	57.80	11.31
	9	7.9	74.40	14.07	70.30	13.21	66.20	12.36	64.00	11.96	62.00	11.54	57.80	10.73
	11	9.8	74.40	13.30	70.30	12.50	66.20	11.71	64.00	11.32	62.00	10.94	57.80	10.19
	13	11.8	74.40	12.55	70.30	11.79	66.20	11.07	64.00	10.70	62.00	10.35	57.80	9.64
	15	13.7	74.40	11.86	70.30	11.16	66.20	10.48	64.00	10.14	62.00	9.81	57.80	9.15
60	-30	-30.2	53.20	26.65	52.90	26.84	52.50	27.01	52.40	27.11	52.20	27.20	49.60	25.66
	-24.8	-25	61.50	28.39	60.20	27.98	56.70	26.00	55.00	25.03	53.20	24.07	49.60	22.19
	-21.8	-22	63.80	27.54	60.20	25.70	56.70	23.90	55.00	23.01	53.20	22.15	49.60	20.42
	-19.8	-20	63.80	26.03	60.20	24.29	56.70	22.60	55.00	21.77	53.20	20.95	49.60	19.34
	-18.8	-19	63.80	25.30	60.20	23.63	56.70	21.99	55.00	21.18	53.20	20.38	49.60	18.81
	-16.7	-17	63.80	23.91	60.20	22.33	56.70	20.79	55.00	20.03	53.20	19.28	49.60	17.81
	-15	-15.9	63.80	23.09	60.20	21.56	56.70	20.05	55.00	19.32	53.20	18.58	49.60	17.15
	-13.7	-15	63.80	22.31	60.20	20.83	56.70	19.38	55.00	18.67	53.20	17.97	49.60	16.60
	-11.8	-13	63.80	21.22	60.20	19.81	56.70	18.45	55.00	17.77	53.20	17.10	49.60	15.80
	-9.8	-11	63.80	20.13	60.20	18.80	56.70	17.51	55.00	16.88	53.20	16.25	49.60	15.01
	-9.5	-10	63.80	19.62	60.20	18.36	56.70	17.12	55.00	16.51	53.20	15.92	49.60	14.73
	-8.5	-9.1	63.80	19.13	60.20	17.90	56.70	16.70	55.00	16.10	53.20	15.52	49.60	14.38
	-7	-7.6	63.80	18.33	60.20	17.16	56.70	16.02	55.00	15.46	53.20	14.90	49.60	13.81
	-5	-5.6	63.80	17.32	60.20	16.23	56.70	15.16	55.00	14.63	53.20	14.11	49.60	13.08
	-3	-3.7	63.80	16.42	60.20	15.39	56.70	14.38	55.00	13.88	53.20	13.40	49.60	12.43
	0	-0.7	63.80	15.10	60.20	14.17	56.70	13.25	55.00	12.80	53.20	12.35	49.60	11.48
	3	2.2	63.80	13.94	60.20	13.10	56.70	12.27	55.00	11.87	53.20	11.45	49.60	10.66
	5	4.1	63.80	13.24	60.20	12.44	56.70	11.66	55.00	11.27	53.20	10.90	49.60	10.14
	7	6	63.80	12.55	60.20	11.80	56.70	11.07	55.00	10.71	53.20	10.35	49.60	9.65
	9	7.9	63.80	11.89	60.20	11.19	56.70	10.51	55.00	10.18	53.20	9.84	49.60	9.18
	11	9.8	63.80	11.27	60.20	10.62	56.70	9.98	55.00	9.66	53.20	9.35	49.60	8.74
	13	11.8	63.80	10.65	60.20	10.04	56.70	9.45	55.00	9.15	53.20	8.86	49.60	8.28
	15	13.7	63.80	10.09	60.20	9.52	56.70	8.96	55.00	8.69	53.20	8.42	49.60	7.89
50	-30	-30.2	52.20	27.18	50.20	26.03	47.20	24.23	45.80	23.34	44.30	22.45	41.30	20.73
	-24.8	-25	53.20	24.07	50.20	22.50	47.20	20.96	45.80	20.21	44.30	19.46	41.30	17.99

12. ARUM300LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	53.20	22.15	50.20	20.71	47.20	19.31	45.80	18.61	44.30	17.94	41.30	16.59
	-19.8	-20	53.20	20.95	50.20	19.60	47.20	18.28	45.80	17.64	44.30	16.99	41.30	15.73
	-18.8	-19	53.20	20.38	50.20	19.07	47.20	17.79	45.80	17.17	44.30	16.54	41.30	15.31
	-16.7	-17	53.20	19.28	50.20	18.05	47.20	16.85	45.80	16.26	44.30	15.68	41.30	14.52
	-15	-15.9	53.20	18.58	50.20	17.40	47.20	16.23	45.80	15.65	44.30	15.09	41.30	13.98
	-13.7	-15	53.20	17.97	50.20	16.81	47.20	15.69	45.80	15.14	44.30	14.60	41.30	13.52
	-11.8	-13	53.20	17.10	50.20	16.01	47.20	14.95	45.80	14.43	44.30	13.91	41.30	12.90
	-9.8	-11	53.20	16.25	50.20	15.22	47.20	14.22	45.80	13.72	44.30	13.23	41.30	12.27
	-9.5	-10	53.20	15.92	50.20	14.93	47.20	13.96	45.80	13.48	44.30	13.02	41.30	12.09
	-8.5	-9.1	53.20	15.52	50.20	14.56	47.20	13.62	45.80	13.17	44.30	12.70	41.30	11.80
	-7	-7.6	53.20	14.90	50.20	13.99	47.20	13.09	45.80	12.65	44.30	12.22	41.30	11.36
	-5	-5.6	53.20	14.11	50.20	13.26	47.20	12.41	45.80	12.01	44.30	11.59	41.30	10.79
	-3	-3.7	53.20	13.40	50.20	12.60	47.20	11.81	45.80	11.41	44.30	11.03	41.30	10.27
	0	-0.7	53.20	12.36	50.20	11.63	47.20	10.91	45.80	10.56	44.30	10.22	41.30	9.53
	3	2.2	53.20	11.46	50.20	10.80	47.20	10.14	45.80	9.82	44.30	9.50	41.30	8.87
	5	4.1	53.20	10.90	50.20	10.27	47.20	9.65	45.80	9.35	44.30	9.06	41.30	8.47
	7	6	53.20	10.35	50.20	9.77	47.20	9.19	45.80	8.91	44.30	8.63	41.30	8.08
	9	7.9	53.20	9.84	50.20	9.29	47.20	8.75	45.80	8.48	44.30	8.23	41.30	7.70
	11	9.8	53.20	9.35	50.20	8.84	47.20	8.33	45.80	8.08	44.30	7.84	41.30	7.36
	13	11.8	53.20	8.86	50.20	8.38	47.20	7.91	45.80	7.68	44.30	7.45	41.30	7.00
	15	13.7	53.20	8.42	50.20	7.97	47.20	7.53	45.80	7.32	44.30	7.10	41.30	6.67

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

12. ARUM300LTE6

12.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	56.30	25.09	55.90	25.30	55.50	25.51	55.20	25.61	55.00	25.72	54.70	25.93
	-24.8	-25	65.50	26.37	65.00	26.61	64.70	26.84	64.40	26.96	64.20	27.08	63.70	27.31
	-21.8	-22	71.30	27.11	70.80	27.36	70.30	27.61	70.00	27.74	69.80	27.86	69.30	28.09
	-19.8	-20	75.40	27.61	74.80	27.87	74.30	28.13	74.00	28.26	73.80	28.38	73.30	28.63
	-18.8	-19	77.50	27.86	77.00	28.12	76.40	28.39	76.20	28.51	75.80	28.64	75.30	28.89
	-16.7	-17	81.80	28.36	81.30	28.64	80.70	28.91	80.40	29.04	80.10	29.17	79.50	29.44
	-15	-15.9	84.50	28.66	83.80	28.94	83.20	29.21	83.00	29.34	82.70	29.48	82.10	29.74
	-13.7	-15	86.80	28.92	86.10	29.21	85.60	29.49	85.30	29.63	85.00	29.77	84.50	30.04
	-11.8	-13	91.20	29.41	90.50	29.69	90.00	29.99	89.60	30.13	89.30	30.27	88.70	30.54
	-9.8	-11	96.10	29.92	95.40	30.22	94.80	30.52	94.50	30.66	94.10	30.81	93.50	31.09
	-9.5	-10	98.50	30.16	97.80	30.47	97.10	30.77	96.80	30.92	96.50	31.07	95.80	31.36
	-8.5	-9.1	100.8	30.41	100.1	30.71	99.30	31.02	99.00	31.17	98.70	31.32	98.00	31.61
	-7	-7.6	104.8	30.81	104.0	31.12	103.3	31.44	103.0	31.59	102.6	31.74	101.8	32.04
	-5	-5.6	110.3	31.36	109.5	31.68	108.7	31.99	108.3	32.16	108.0	32.31	107.2	32.61
	-3	-3.7	115.8	31.88	115.0	32.21	114.1	32.54	113.8	32.71	113.3	32.86	107.5	30.84
	0	-0.7	124.8	32.73	123.8	33.08	122.8	33.36	119.0	32.02	115.2	30.69	107.5	28.11
	3	2.2	133.7	33.56	130.5	32.95	122.8	30.47	119.0	29.25	115.2	28.06	107.5	25.73
	5	4.1	130.8	30.44	123.0	28.14	115.3	25.92	111.5	24.83	107.5	23.76	99.70	21.67
	7	6	123.2	25.90	115.4	23.83	107.5	21.84	103.6	20.87	99.70	19.91	91.80	18.04
	9	7.9	115.3	21.78	107.5	19.97	99.50	18.20	95.50	17.34	91.50	16.50	83.50	14.84
	11	9.8	107.2	18.16	99.30	16.56	91.20	15.02	87.20	14.26	83.20	13.51	75.00	12.06
	13	11.8	98.80	14.93	90.80	13.53	82.70	12.20	78.50	11.54	74.50	10.89	66.20	9.63
	15	13.7	90.10	12.15	82.00	10.96	73.80	9.80	69.70	9.23	65.50	8.68	57.10	7.59
120	-30	-30.2	56.00	25.21	55.70	25.41	55.20	25.63	55.00	25.73	54.80	25.83	54.50	26.03
	-24.8	-25	65.20	26.53	64.80	26.76	64.30	26.99	64.00	27.11	63.90	27.22	63.40	27.44
	-21.8	-22	71.00	27.29	70.50	27.54	70.00	27.79	69.70	27.91	69.50	28.03	69.00	28.26
	-19.8	-20	75.00	27.81	74.50	28.06	74.00	28.32	73.70	28.44	73.50	28.56	73.00	28.81
	-18.8	-19	77.00	28.06	76.50	28.33	76.00	28.59	75.70	28.71	75.50	28.84	75.00	29.09
	-16.7	-17	81.30	28.59	80.80	28.86	80.20	29.13	80.00	29.26	79.70	29.39	79.20	29.64
	-15	-15.9	83.80	28.89	83.30	29.17	82.70	29.44	82.50	29.58	82.20	29.71	81.60	29.97
	-13.7	-15	86.30	29.17	85.60	29.46	85.10	29.74	84.80	29.87	84.50	30.01	84.00	30.27
	-11.8	-13	90.60	29.68	90.00	29.96	89.30	30.24	89.00	30.39	88.80	30.52	88.20	30.79
	-9.8	-11	95.50	30.22	94.80	30.51	94.10	30.81	93.80	30.96	93.50	31.09	92.80	31.37
	-9.5	-10	97.80	30.48	97.10	30.78	96.30	31.07	96.00	31.22	95.80	31.36	95.10	31.64
	-8.5	-9.1	100.0	30.73	99.30	31.04	98.70	31.33	98.30	31.48	98.00	31.62	97.30	31.91
	-7	-7.6	104.0	31.16	103.3	31.46	102.5	31.77	102.2	31.92	101.8	32.06	99.20	31.41
	-5	-5.6	109.3	31.73	108.6	32.04	107.8	32.36	107.5	32.51	106.3	32.27	99.20	29.55
	-3	-3.7	114.8	32.29	114.0	32.61	113.1	32.94	109.8	31.72	106.3	30.42	99.20	27.86
	0	-0.7	123.5	33.19	120.5	32.53	113.4	30.09	109.8	28.90	106.3	27.72	99.20	25.43
	3	2.2	127.5	31.99	120.5	29.72	113.4	27.51	109.8	26.44	106.3	25.38	99.20	23.31
	5	4.1	120.7	27.48	113.6	25.43	106.5	23.46	102.8	22.49	99.30	21.54	92.00	19.69
	7	6	113.7	23.41	106.5	21.59	99.30	19.82	95.70	18.95	92.00	18.09	84.70	16.42
	9	7.9	106.5	19.75	99.20	18.13	91.80	16.57	88.20	15.79	84.50	15.04	77.10	13.56
	11	9.8	99.00	16.51	91.60	15.09	84.20	13.71	80.50	13.03	76.80	12.36	69.30	11.06
	13	11.8	91.20	13.61	83.80	12.38	76.30	11.18	72.50	10.59	68.80	10.01	61.10	8.88

12. ARUM300LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	83.20	11.13	75.70	10.06	68.10	9.03	64.30	8.52	60.50	8.02	52.70	7.04
110	-30	-30.2	55.80	25.34	55.40	25.56	55.00	25.76	54.80	25.86	54.50	25.96	54.20	26.16
	-24.8	-25	64.90	26.71	64.40	26.94	64.00	27.16	63.70	27.28	63.50	27.39	63.00	27.61
	-21.8	-22	70.50	27.51	70.00	27.74	69.50	27.99	69.30	28.11	69.00	28.22	68.70	28.46
	-19.8	-20	74.50	28.04	74.00	28.29	73.50	28.54	73.20	28.66	73.00	28.78	72.50	29.02
	-18.8	-19	76.50	28.31	76.00	28.56	75.50	28.82	75.20	28.94	75.00	29.06	74.50	29.31
	-16.7	-17	80.80	28.86	80.20	29.12	79.70	29.38	79.40	29.51	79.20	29.64	78.60	29.89
	-15	-15.9	83.30	29.18	82.70	29.44	82.20	29.71	81.90	29.84	81.60	29.97	81.00	30.22
	-13.7	-15	85.60	29.47	85.10	29.75	84.50	30.02	84.30	30.16	84.00	30.29	83.50	30.55
	-11.8	-13	90.00	29.99	89.30	30.28	88.70	30.56	88.30	30.69	88.10	30.82	87.50	31.09
	-9.8	-11	94.60	30.57	94.00	30.86	93.30	31.14	93.00	31.28	92.70	31.42	91.00	31.08
	-9.5	-10	97.00	30.84	96.30	31.13	95.60	31.42	95.30	31.56	95.00	31.69	91.00	30.23
	-8.5	-9.1	99.20	31.11	98.50	31.41	97.80	31.69	97.50	31.84	97.20	31.98	91.00	29.42
	-7	-7.6	103.0	31.56	102.3	31.86	101.6	32.16	100.7	32.00	97.50	30.69	91.00	28.13
	-5	-5.6	108.3	32.16	107.6	32.47	104.0	31.36	100.7	30.10	97.50	28.88	91.00	26.49
	-3	-3.7	113.6	32.76	110.5	31.94	104.0	29.56	100.7	28.39	97.50	27.24	91.00	25.00
	0	-0.7	117.0	31.31	110.5	29.09	104.0	26.95	100.7	25.90	97.50	24.87	91.00	22.85
	3	2.2	117.0	28.61	110.5	26.62	104.0	24.68	100.7	23.74	97.50	22.80	91.00	20.97
	5	4.1	110.7	24.63	104.2	22.84	97.50	21.10	94.30	20.25	91.00	19.41	84.40	17.76
	7	6	104.2	21.03	97.70	19.42	91.00	17.86	87.70	17.10	84.30	16.34	77.70	14.87
	9	7.9	97.60	17.79	91.00	16.37	84.20	14.98	80.80	14.30	77.50	13.63	70.70	12.31
	11	9.8	90.70	14.92	84.00	13.66	77.20	12.44	73.80	11.84	70.30	11.25	63.50	10.09
	13	11.8	83.60	12.35	76.80	11.26	70.00	10.19	66.50	9.67	63.00	9.16	56.00	8.15
	15	13.7	76.30	10.14	69.30	9.20	62.50	8.28	59.00	7.83	55.40	7.38	48.30	6.51
100	-30	-30.2	55.50	25.51	55.00	25.71	54.70	25.91	54.50	26.01	54.30	26.11	53.90	26.31
	-24.8	-25	64.50	26.93	64.00	27.15	63.50	27.38	63.30	27.48	63.20	27.59	62.70	27.81
	-21.8	-22	70.00	27.76	69.50	27.99	69.00	28.23	68.80	28.34	68.70	28.46	68.20	28.68
	-19.8	-20	74.00	28.31	73.50	28.56	73.00	28.81	72.70	28.92	72.50	29.04	72.00	29.27
	-18.8	-19	76.00	28.59	75.50	28.84	75.00	29.09	74.70	29.21	74.50	29.33	74.00	29.57
	-16.7	-17	80.10	29.17	79.50	29.43	79.00	29.68	78.80	29.81	78.50	29.93	78.00	30.17
	-15	-15.9	82.60	29.51	82.00	29.77	81.50	30.03	81.20	30.16	81.00	30.28	80.40	30.52
	-13.7	-15	85.00	29.82	84.30	30.09	83.80	30.36	83.60	30.49	83.30	30.62	82.70	30.80
	-11.8	-13	89.10	30.37	88.50	30.64	87.90	30.91	87.60	31.04	87.30	31.17	82.70	29.23
	-9.8	-11	93.70	30.97	93.10	31.26	92.50	31.53	91.50	31.34	88.50	30.06	82.70	27.57
	-9.5	-10	96.00	31.26	95.30	31.54	94.50	31.73	91.50	30.47	88.50	29.24	82.70	26.83
	-8.5	-9.1	98.20	31.54	97.50	31.84	94.50	30.88	91.50	29.66	88.50	28.46	82.70	26.13
	-7	-7.6	102.0	32.02	100.4	31.88	94.50	29.52	91.50	28.36	88.50	27.22	82.70	25.00
	-5	-5.6	106.3	32.27	100.4	30.00	94.50	27.79	91.50	26.70	88.50	25.64	82.70	23.56
	-3	-3.7	106.3	30.42	100.4	28.28	94.50	26.22	91.50	25.20	88.50	24.21	82.70	22.26
	0	-0.7	106.3	27.73	100.4	25.81	94.50	23.94	91.50	23.03	88.50	22.13	82.70	20.37
	3	2.2	106.3	25.38	100.4	23.65	94.50	21.97	91.50	21.14	88.50	20.33	82.70	18.74
	5	4.1	100.6	21.90	94.70	20.35	88.70	18.83	85.70	18.08	82.70	17.35	76.70	15.90
	7	6	94.80	18.75	88.80	17.35	82.70	15.98	79.70	15.31	76.70	14.65	70.60	13.36
	9	7.9	88.70	15.91	82.70	14.66	76.50	13.45	73.50	12.86	70.50	12.26	64.30	11.12
	11	9.8	82.50	13.39	76.30	12.29	70.20	11.22	67.00	10.70	64.00	10.18	57.70	9.16
	13	11.8	76.00	11.13	69.80	10.17	63.60	9.24	60.50	8.78	57.30	8.33	51.00	7.44
	15	13.7	69.30	9.20	63.00	8.36	56.80	7.55	53.50	7.16	50.30	6.77	43.90	6.00

12. ARUM300LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	55.00	25.71	54.70	25.91	54.30	26.11	54.20	26.21	53.90	26.31	53.50	26.50
	-24.8	-25	64.00	27.18	63.50	27.41	63.00	27.62	62.90	27.73	62.70	27.83	62.20	28.04
	-21.8	-22	69.50	28.05	69.00	28.28	68.50	28.51	68.30	28.63	68.00	28.74	67.70	28.96
	-19.8	-20	73.30	28.64	72.80	28.88	72.30	29.11	72.00	29.23	71.80	29.34	71.30	29.57
	-18.8	-19	75.30	28.94	74.70	29.18	74.20	29.42	74.00	29.54	73.70	29.66	73.30	29.88
	-16.7	-17	79.30	29.54	78.80	29.79	78.30	30.04	78.00	30.16	77.70	30.28	74.40	28.85
	-15	-15.9	81.80	29.89	81.20	30.16	80.70	30.41	80.40	30.53	79.70	30.41	74.40	27.91
	-13.7	-15	84.10	30.24	83.50	30.50	83.00	30.76	82.40	30.67	79.70	29.41	74.40	26.96
	-11.8	-13	88.10	30.81	87.50	31.08	85.00	30.28	82.40	29.10	79.70	27.93	74.40	25.63
	-9.8	-11	92.60	31.46	90.30	30.82	85.00	28.56	82.40	27.45	79.70	26.36	74.40	24.22
	-9.5	-10	94.80	31.76	90.30	29.98	85.00	27.79	82.40	26.71	79.70	25.65	74.40	23.59
	-8.5	-9.1	95.70	31.37	90.30	29.18	85.00	27.05	82.40	26.01	79.70	24.98	74.40	22.97
	-7	-7.6	95.70	29.99	90.30	27.90	85.00	25.88	82.40	24.89	79.70	23.91	74.40	21.99
	-5	-5.6	95.70	28.22	90.30	26.28	85.00	24.38	82.40	23.45	79.70	22.54	74.40	20.75
	-3	-3.7	95.70	26.63	90.30	24.81	85.00	23.03	82.40	22.16	79.70	21.30	74.40	19.63
	0	-0.7	95.70	24.31	90.30	22.67	85.00	21.07	82.40	20.29	79.70	19.51	74.40	17.99
	3	2.2	95.70	22.30	90.30	20.81	85.00	19.37	82.40	18.66	79.70	17.95	74.40	16.58
	5	4.1	90.50	19.30	85.20	17.96	79.80	16.64	77.20	16.00	74.50	15.37	69.00	14.12
	7	6	85.30	16.56	79.90	15.35	74.50	14.17	71.70	13.60	69.00	13.03	63.50	11.91
	9	7.9	79.80	14.10	74.40	13.03	68.90	11.98	66.20	11.47	63.40	10.96	57.80	9.96
	11	9.8	74.20	11.92	68.70	10.97	63.20	10.04	60.30	9.59	57.50	9.14	52.00	8.25
	13	11.8	68.50	9.96	62.80	9.13	57.20	8.32	54.40	7.92	51.50	7.53	45.80	6.76
	15	13.7	62.40	8.27	56.80	7.55	51.00	6.85	48.20	6.50	45.30	6.17	39.50	5.50
80	-30	-30.2	54.70	25.95	54.20	26.15	53.90	26.34	53.70	26.44	53.50	26.53	53.20	26.72
	-24.8	-25	63.30	27.49	62.90	27.71	62.50	27.93	62.20	28.03	62.00	28.13	61.70	28.33
	-21.8	-22	68.70	28.41	68.20	28.64	67.80	28.86	67.50	28.96	67.40	29.08	66.20	28.80
	-19.8	-20	72.50	29.03	72.00	29.26	71.50	29.49	71.30	29.61	70.80	29.61	66.20	27.20
	-18.8	-19	74.40	29.35	73.90	29.59	73.40	29.81	73.20	29.93	70.80	28.78	66.20	26.45
	-16.7	-17	78.40	29.99	77.80	30.24	75.60	29.42	73.20	28.29	70.80	27.17	66.20	24.98
	-15	-15.9	80.70	30.37	80.20	30.62	75.60	28.46	73.20	27.36	70.80	26.27	66.20	24.13
	-13.7	-15	83.00	30.74	80.30	29.69	75.60	27.51	73.20	26.44	70.80	25.37	66.20	23.31
	-11.8	-13	85.00	30.29	80.30	28.19	75.60	26.14	73.20	25.12	70.80	24.13	66.20	22.18
	-9.8	-11	85.00	28.56	80.30	26.60	75.60	24.69	73.20	23.76	70.80	22.83	66.20	21.03
	-9.5	-10	85.00	27.79	80.30	25.88	75.60	24.03	73.20	23.13	70.80	22.23	66.20	20.48
	-8.5	-9.1	85.00	27.05	80.30	25.20	75.60	23.41	73.20	22.53	70.80	21.67	66.20	19.95
	-7	-7.6	85.00	25.88	80.30	24.12	75.60	22.41	73.20	21.58	70.80	20.74	66.20	19.12
	-5	-5.6	85.00	24.38	80.30	22.74	75.60	21.14	73.20	20.36	70.80	19.59	66.20	18.06
	-3	-3.7	85.00	23.03	80.30	21.49	75.60	19.99	73.20	19.26	70.80	18.53	66.20	17.11
	0	-0.7	85.00	21.07	80.30	19.69	75.60	18.33	73.20	17.66	70.80	17.02	66.20	15.73
	3	2.2	85.00	19.37	80.30	18.11	75.60	16.89	73.20	16.28	70.80	15.69	66.20	14.52
	5	4.1	80.50	16.81	75.70	15.67	71.00	14.56	68.50	14.01	66.20	13.47	61.40	12.41
	7	6	75.80	14.47	71.00	13.45	66.20	12.45	63.80	11.95	61.30	11.47	56.50	10.52
	9	7.9	71.00	12.38	66.10	11.46	61.20	10.57	58.80	10.13	56.30	9.70	51.40	8.85
	11	9.8	66.00	10.51	61.00	9.70	56.20	8.91	53.70	8.52	51.20	8.14	46.20	7.38
	13	11.8	60.80	8.84	55.80	8.12	50.80	7.44	48.30	7.10	45.80	6.76	40.70	6.09
	15	13.7	55.50	7.39	50.50	6.77	45.40	6.17	42.80	5.88	40.30	5.58	35.20	5.01
70	-30	-30.2	54.00	26.26	53.70	26.45	53.30	26.64	53.20	26.73	53.00	26.83	52.60	27.00

12. ARUM300LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	62.50	27.89	62.20	28.10	61.70	28.30	61.50	28.40	61.30	28.50	57.80	26.66
	-21.8	-22	67.80	28.86	67.30	29.08	66.20	28.80	64.00	27.70	62.00	26.62	57.80	24.50
	-19.8	-20	71.50	29.53	70.30	29.31	66.20	27.20	64.00	26.18	62.00	25.16	57.80	23.17
	-18.8	-19	73.30	29.86	70.30	28.48	66.20	26.45	64.00	25.45	62.00	24.46	57.80	22.53
	-16.7	-17	74.40	28.86	70.30	26.90	66.20	24.98	64.00	24.05	62.00	23.12	57.80	21.30
	-15	-15.9	74.40	27.91	70.30	26.01	66.20	24.13	64.00	23.22	62.00	22.32	57.80	20.55
	-13.7	-15	74.40	26.97	70.30	25.11	66.20	23.32	64.00	22.43	62.00	21.56	57.80	19.85
	-11.8	-13	74.40	25.63	70.30	23.87	66.20	22.18	64.00	21.33	62.00	20.51	57.80	18.89
	-9.8	-11	74.40	24.23	70.30	22.61	66.20	21.03	64.00	20.24	62.00	19.46	57.80	17.93
	-9.5	-10	74.40	23.59	70.30	22.01	66.20	20.48	64.00	19.73	62.00	18.98	57.80	17.53
	-8.5	-9.1	74.40	22.97	70.30	21.44	66.20	19.95	64.00	19.23	62.00	18.51	57.80	17.09
	-7	-7.6	74.40	21.99	70.30	20.55	66.20	19.12	64.00	18.43	62.00	17.74	57.80	16.39
	-5	-5.6	74.40	20.75	70.30	19.39	66.20	18.06	64.00	17.42	62.00	16.77	57.80	15.52
	-3	-3.7	74.40	19.63	70.30	18.36	66.20	17.11	64.00	16.50	62.00	15.90	57.80	14.71
	0	-0.7	74.40	17.99	70.30	16.85	66.20	15.73	64.00	15.17	62.00	14.62	57.80	13.55
	3	2.2	74.40	16.58	70.30	15.54	66.20	14.52	64.00	14.02	62.00	13.52	57.80	12.54
	5	4.1	70.50	14.44	66.30	13.49	62.10	12.56	60.00	12.10	57.90	11.65	53.70	10.77
	7	6	66.30	12.48	62.20	11.63	57.90	10.79	55.80	10.39	53.70	9.98	49.40	9.19
	9	7.9	62.10	10.73	57.80	9.96	53.60	9.22	51.50	8.86	49.30	8.49	45.00	7.78
	11	9.8	57.70	9.16	53.50	8.49	49.20	7.82	47.00	7.50	44.80	7.18	40.40	6.54
	13	11.8	53.20	7.75	48.90	7.17	44.50	6.59	42.30	6.30	40.10	6.02	35.70	5.45
	15	13.7	48.50	6.54	44.20	6.03	39.70	5.52	37.50	5.27	35.30	5.03	30.70	4.54
60	-30	-30.2	53.20	26.65	52.90	26.84	52.50	27.01	52.40	27.11	52.20	27.20	49.60	25.66
	-24.8	-25	61.50	28.39	60.20	27.98	56.70	26.00	55.00	25.03	53.20	24.07	49.60	22.19
	-21.8	-22	63.80	27.54	60.20	25.70	56.70	23.90	55.00	23.01	53.20	22.15	49.60	20.42
	-19.8	-20	63.80	26.03	60.20	24.29	56.70	22.60	55.00	21.77	53.20	20.95	49.60	19.34
	-18.8	-19	63.80	25.30	60.20	23.63	56.70	21.99	55.00	21.18	53.20	20.38	49.60	18.81
	-16.7	-17	63.80	23.91	60.20	22.33	56.70	20.79	55.00	20.03	53.20	19.28	49.60	17.81
	-15	-15.9	63.80	23.09	60.20	21.56	56.70	20.05	55.00	19.32	53.20	18.58	49.60	17.15
	-13.7	-15	63.80	22.31	60.20	20.83	56.70	19.38	55.00	18.67	53.20	17.97	49.60	16.60
	-11.8	-13	63.80	21.22	60.20	19.81	56.70	18.45	55.00	17.77	53.20	17.10	49.60	15.80
	-9.8	-11	63.80	20.13	60.20	18.80	56.70	17.51	55.00	16.88	53.20	16.25	49.60	15.01
	-9.5	-10	63.80	19.62	60.20	18.36	56.70	17.12	55.00	16.51	53.20	15.92	49.60	14.73
	-8.5	-9.1	63.80	19.13	60.20	17.90	56.70	16.70	55.00	16.10	53.20	15.52	49.60	14.38
	-7	-7.6	63.80	18.33	60.20	17.16	56.70	16.02	55.00	15.46	53.20	14.90	49.60	13.81
	-5	-5.6	63.80	17.32	60.20	16.23	56.70	15.16	55.00	14.63	53.20	14.11	49.60	13.08
	-3	-3.7	63.80	16.42	60.20	15.39	56.70	14.38	55.00	13.88	53.20	13.40	49.60	12.43
	0	-0.7	63.80	15.10	60.20	14.17	56.70	13.25	55.00	12.80	53.20	12.35	49.60	11.48
	3	2.2	63.80	13.94	60.20	13.10	56.70	12.27	55.00	11.87	53.20	11.45	49.60	10.66
	5	4.1	60.30	12.19	56.80	11.42	53.20	10.66	51.50	10.29	49.70	9.93	46.00	9.21
	7	6	56.80	10.59	53.30	9.90	49.70	9.22	47.80	8.89	46.00	8.56	42.30	7.90
	9	7.9	53.20	9.17	49.60	8.54	46.00	7.93	44.10	7.64	42.30	7.33	38.50	6.75
	11	9.8	49.50	7.89	45.80	7.33	42.10	6.79	40.20	6.52	38.40	6.26	34.70	5.74
	13	11.8	45.60	6.73	41.90	6.24	38.20	5.76	36.30	5.53	34.40	5.30	30.50	4.84
	15	13.7	41.60	5.72	37.80	5.31	34.00	4.89	32.20	4.68	30.20	4.49	26.30	4.08
50	-30	-30.2	52.20	27.18	50.20	26.03	47.20	24.23	45.80	23.34	44.30	22.45	41.30	20.73
	-24.8	-25	53.20	24.07	50.20	22.50	47.20	20.96	45.80	20.21	44.30	19.46	41.30	17.99

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	53.20	22.15	50.20	20.71	47.20	19.31	45.80	18.61	44.30	17.94	41.30	16.59
	-19.8	-20	53.20	20.95	50.20	19.60	47.20	18.28	45.80	17.64	44.30	16.99	41.30	15.73
	-18.8	-19	53.20	20.38	50.20	19.07	47.20	17.79	45.80	17.17	44.30	16.54	41.30	15.31
	-16.7	-17	53.20	19.28	50.20	18.05	47.20	16.85	45.80	16.26	44.30	15.68	41.30	14.52
	-15	-15.9	53.20	18.58	50.20	17.40	47.20	16.23	45.80	15.65	44.30	15.09	41.30	13.98
	-13.7	-15	53.20	17.97	50.20	16.81	47.20	15.69	45.80	15.14	44.30	14.60	41.30	13.52
	-11.8	-13	53.20	17.10	50.20	16.01	47.20	14.95	45.80	14.43	44.30	13.91	41.30	12.90
	-9.8	-11	53.20	16.25	50.20	15.22	47.20	14.22	45.80	13.72	44.30	13.23	41.30	12.27
	-9.5	-10	53.20	15.92	50.20	14.93	47.20	13.96	45.80	13.48	44.30	13.02	41.30	12.09
	-8.5	-9.1	53.20	15.52	50.20	14.56	47.20	13.62	45.80	13.17	44.30	12.70	41.30	11.80
	-7	-7.6	53.20	14.90	50.20	13.99	47.20	13.09	45.80	12.65	44.30	12.22	41.30	11.36
	-5	-5.6	53.20	14.11	50.20	13.26	47.20	12.41	45.80	12.01	44.30	11.59	41.30	10.79
	-3	-3.7	53.20	13.40	50.20	12.60	47.20	11.81	45.80	11.41	44.30	11.03	41.30	10.27
	0	-0.7	53.20	12.36	50.20	11.63	47.20	10.91	45.80	10.56	44.30	10.22	41.30	9.53
	3	2.2	53.20	11.46	50.20	10.80	47.20	10.14	45.80	9.82	44.30	9.50	41.30	8.87
	5	4.1	50.30	10.07	47.30	9.46	44.30	8.87	42.80	8.58	41.30	8.29	38.30	7.73
	7	6	47.40	8.81	44.40	8.27	41.30	7.73	39.80	7.47	38.30	7.20	35.30	6.69
	9	7.9	44.30	7.68	41.30	7.19	38.30	6.71	36.70	6.47	35.20	6.24	32.20	5.77
	11	9.8	41.20	6.66	38.20	6.23	35.10	5.80	33.50	5.59	32.00	5.38	28.80	4.97
	13	11.8	38.00	5.75	34.90	5.36	31.80	4.99	30.20	4.80	28.70	4.62	25.50	4.26
	15	13.7	34.70	4.96	31.50	4.62	28.40	4.29	26.80	4.13	25.20	3.96	22.00	3.64

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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12.5 Capacity Correction Factor

12.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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12.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

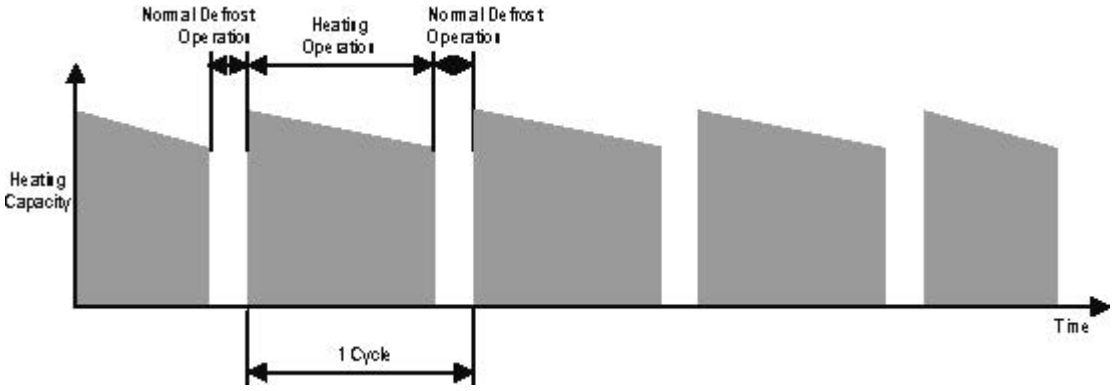
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

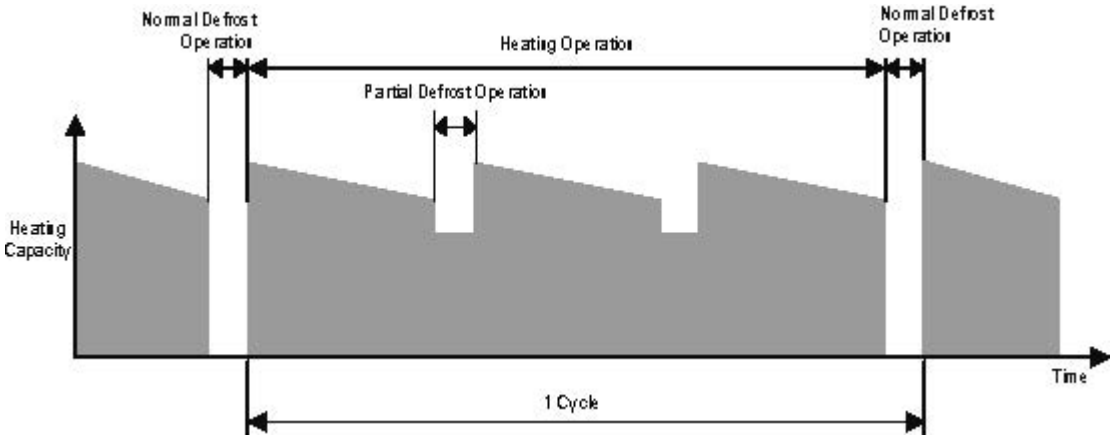
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

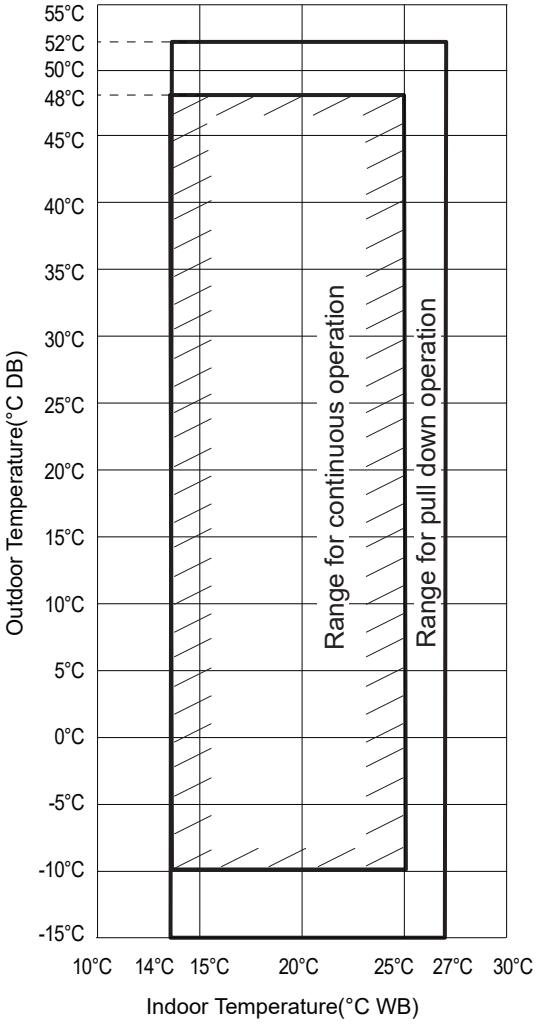


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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12.6 Operation Limits

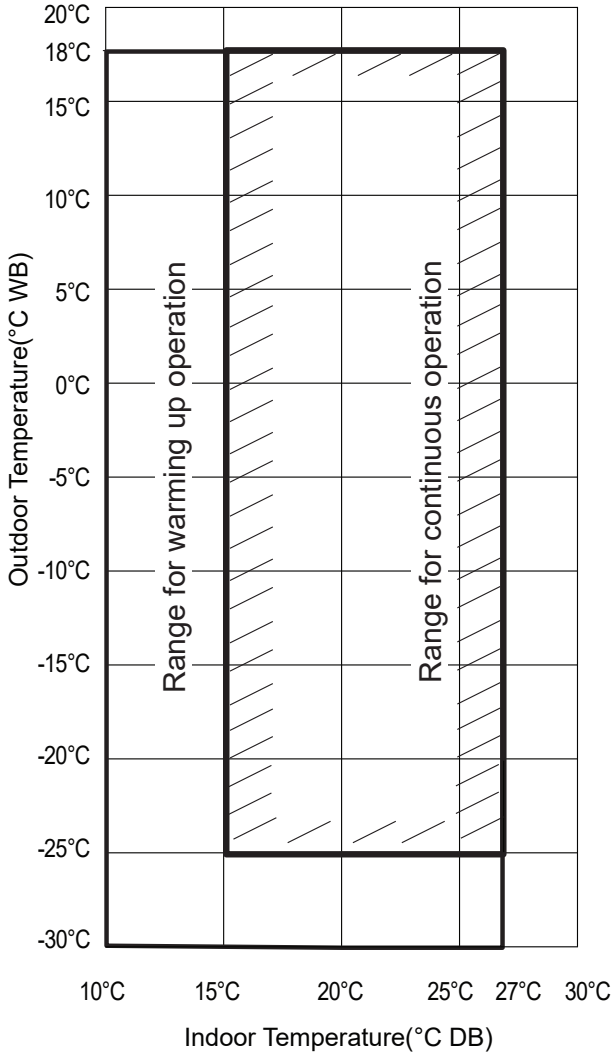
12.6.1 Cooling



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

12.6.2 Heating

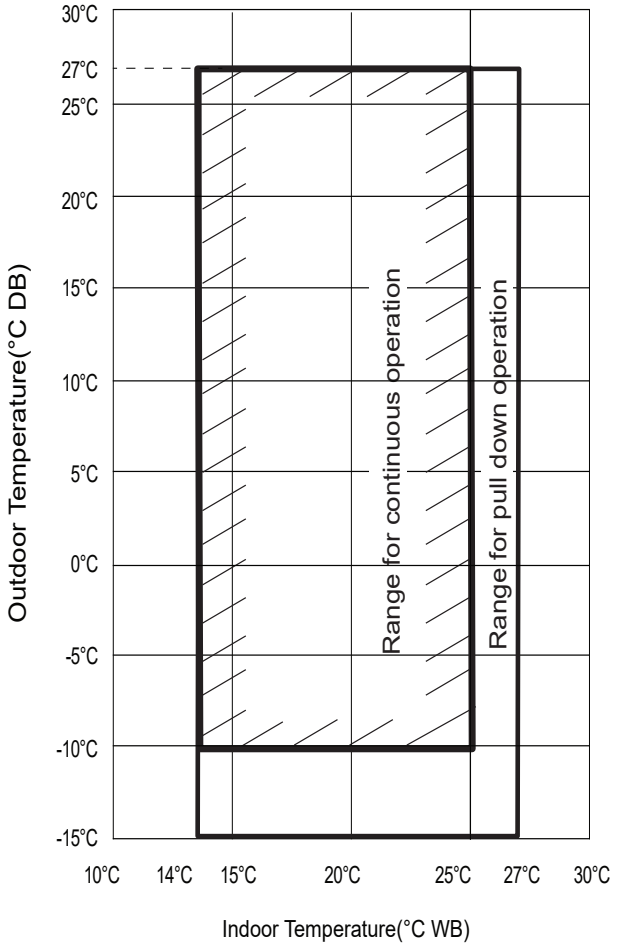


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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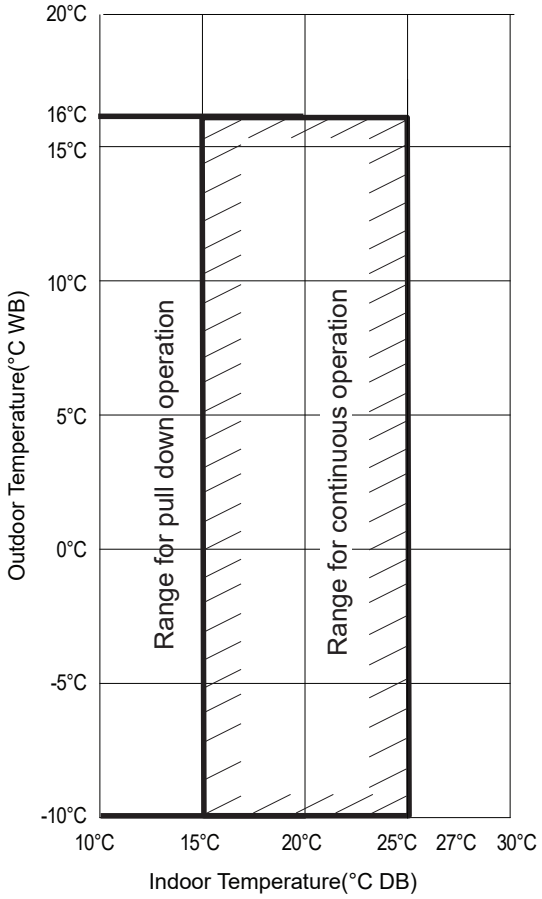
12.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

12.6.4 Simultaneous Operation (Heating)



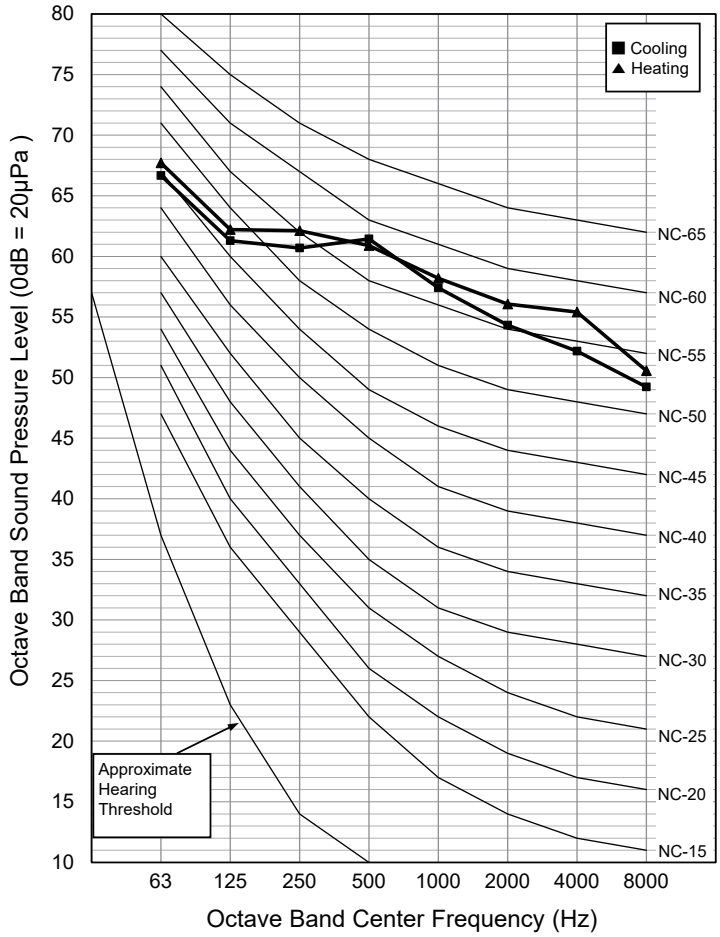
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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12.7 Sound Levels

12.7.1 Pressure Levels



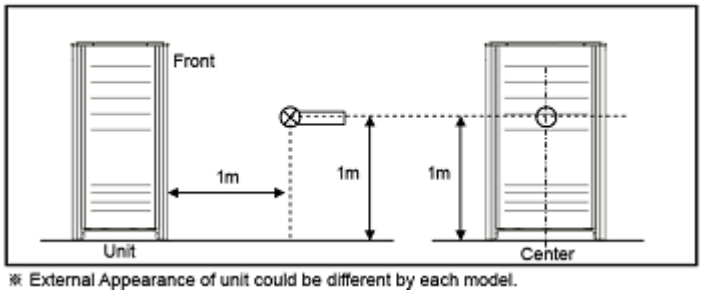
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	66.7	61.3	60.7	61.4	57.4	54.3	52.2	49.2
Heating[dB]	67.7	62.2	62.1	60.9	58.2	56.1	55.4	50.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	63.1 / 64.1

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

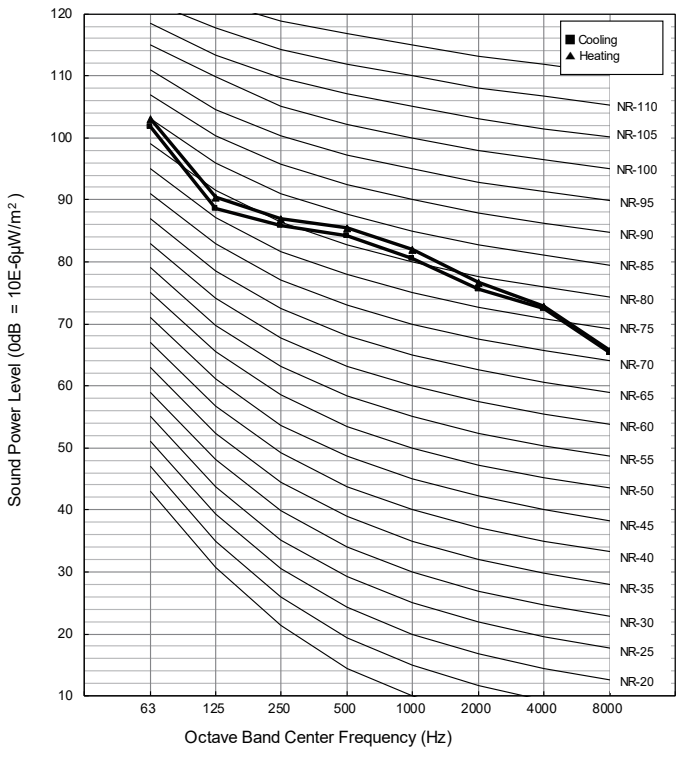
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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12.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	101.8	88.6	85.8	84.2	80.5	75.6	72.5	65.4	86.2
Heating [dB]	103.0	90.5	85.8	84.2	80.5	75.6	72.5	65.4	87.5

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	86.2 / 87.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

13. ARUM320LTE6

13.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXA
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM120LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	47.69 - 45.3 - 43.67
	Running Current by Voltage (Heating,Rated)	A	33.34 - 31.68 - 30.53
Cooling Capacity	Rated	kW	89.6
		Btu/h	305,700
Heating Capacity	Rated	kW	89.6
		Btu/h	305,700
	Max	kW	100.8
		Btu/h	343,900
Power Input(Cooling)	Rated	kW	29.19
Power Input(Heating)	Rated	kW	20.41
Efficiency	EER(Rated)	W/W	3.07
	COP(Rated)	W/W	4.39
	SEER	Wh/Wh	8.18
	SCOP	Wh/Wh	5.06
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (220 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (1,200 × 1)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 3
	Number of Revolution	rev./min	3,600 x 3
	Motor Output	W x No.	5,300 x 3
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	(300 x 1) + (215 x 1)
	Shipping	kg	(310 x 1) + (225 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	25.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	53.231
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ34.9(1-3/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58(1-1/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	63.8 / 65.1
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	87.0 / 89.8
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	72.7
	Maximum Fuse Amperes (MFA)	A	80
	Total Over Current Amperes (TOCA)	A	80.0
	Comp_Maximum Starting Current (MSC)	A	17.7
	Comp_Rated Load Amperes (Cooling)	A	42.7
	Comp_Rated Load Amperes (Heating)	A	28.3
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	52(64)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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13.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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13.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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13.4 Capacity Tables

13.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	69.90	7.26	88.30	10.29	108.1	15.26	116.5	17.72	125.8	20.86	133.8	23.55	140.0	25.67
	12	69.90	7.96	88.30	11.35	108.1	16.74	116.5	19.35	125.8	22.64	133.8	25.29	140.0	27.39
	14	69.90	8.73	88.30	12.52	108.1	18.35	116.5	21.13	125.8	24.55	133.8	27.19	140.0	29.26
	16	69.90	9.59	88.30	13.82	108.1	20.11	116.5	23.06	125.8	26.56	133.8	29.24	140.0	31.30
	18	69.90	10.54	88.30	15.24	108.1	22.02	116.5	25.17	125.8	28.73	133.8	31.26	139.7	32.79
	20	69.90	11.59	88.30	16.78	108.1	24.10	116.5	27.40	125.8	30.37	133.8	32.53	139.3	33.92
	21	69.90	12.15	88.30	17.62	108.1	25.17	116.5	28.14	125.8	31.06	133.8	33.20	139.1	34.53
	23	69.90	13.38	88.30	19.39	108.1	26.64	116.5	29.70	125.8	32.51	133.8	34.63	138.6	35.90
	25	69.90	14.71	88.30	20.82	108.1	28.19	116.5	31.31	125.8	34.08	133.4	36.16	138.0	37.43
	27	69.90	15.90	88.30	22.17	108.1	29.86	116.5	32.95	125.8	35.80	132.9	37.82	137.5	39.16
	29	69.90	16.95	88.30	23.61	108.1	31.65	116.5	34.72	125.8	37.67	132.3	39.67	136.8	41.10
	31	69.90	18.06	88.30	25.16	108.1	33.62	116.5	36.64	125.8	39.76	131.6	41.76	136.2	43.32
	33	69.90	19.26	88.30	26.82	108.1	35.68	116.5	38.75	125.1	41.91	130.0	43.73	130.7	43.89
	35	69.90	20.53	88.30	28.62	108.1	37.79	116.5	41.10	123.1	43.73	123.9	43.93	124.6	44.09
	37	69.90	21.89	88.30	30.57	108.1	40.11	115.1	43.18	115.2	43.21	115.1	43.19	115.0	43.18
	39	69.90	23.34	88.30	32.55	107.0	42.19	106.9	42.16	106.9	42.14	106.9	42.17	106.9	42.17
	41	69.90	24.89	88.30	34.71	99.10	40.98	99.00	40.96	99.00	40.95	98.90	40.90	99.00	40.95
	43	69.90	26.57	88.30	37.10	91.40	38.95	91.30	38.95	91.30	38.91	91.30	38.93	91.10	38.88
	46	69.90	29.34	80.40	35.95	80.30	35.93	80.30	35.94	80.30	35.92	80.20	35.89	80.20	35.92
	48	69.90	31.41	73.40	33.70	73.30	33.66	73.30	33.68	73.50	33.84	73.30	33.69	73.30	33.68
	50	67.00	31.62	66.80	31.58	66.70	31.52	66.70	31.56	66.70	31.54	66.60	31.52	66.60	31.50
	52	59.20	27.52	60.10	26.07	60.40	24.62	60.40	24.31	60.40	23.98	60.50	23.70	60.50	23.50
120	10	64.60	6.61	81.60	9.01	99.80	12.91	107.5	15.06	116.1	17.62	123.5	20.04	129.3	22.07
	12	64.60	7.21	81.60	9.93	99.80	14.24	107.5	16.56	116.1	19.25	123.5	21.80	129.3	23.80
	14	64.60	7.88	81.60	10.95	99.80	15.69	107.5	18.16	116.1	21.02	123.5	23.70	129.3	25.68
	16	64.60	8.62	81.60	12.07	99.80	17.27	107.5	19.89	116.1	22.94	123.5	25.77	129.3	27.72
	18	64.60	9.46	81.60	13.31	99.80	19.01	107.5	21.79	116.1	25.05	123.5	27.93	129.3	29.92
	20	64.60	10.37	81.60	14.67	99.80	20.91	107.5	23.86	116.1	27.28	123.5	29.71	129.3	31.32
	21	64.60	10.86	81.60	15.40	99.80	21.92	107.5	24.93	116.1	28.03	123.5	30.40	129.3	32.01
	23	64.60	11.94	81.60	16.96	99.80	23.71	107.5	26.41	116.1	29.59	123.5	31.86	129.3	33.46
	25	64.60	13.12	81.60	18.48	99.80	25.14	107.5	27.96	116.1	31.22	123.5	33.42	129.3	35.04
	27	64.60	14.32	81.60	19.69	99.80	26.66	107.5	29.61	116.1	32.85	123.5	35.11	129.3	36.77
	29	64.60	15.26	81.60	20.98	99.80	28.28	107.5	31.39	116.1	34.61	123.5	36.97	129.0	38.63
	31	64.60	16.26	81.60	22.35	99.80	30.03	107.5	33.33	116.1	36.53	123.5	39.01	128.3	40.62
	33	64.60	17.33	81.60	23.82	99.80	31.91	107.5	35.44	116.1	38.63	123.4	41.28	127.7	42.86
	35	64.60	18.48	81.60	25.41	99.80	33.96	107.5	37.53	116.1	40.98	122.7	43.62	123.6	43.87
	37	64.60	19.71	81.60	27.11	99.80	36.20	107.5	39.83	115.2	43.20	115.2	43.20	115.1	43.18
	39	64.60	21.01	81.60	28.94	99.80	38.70	107.1	42.20	107.0	42.18	106.9	42.17	106.9	42.16
	41	64.60	22.40	81.60	30.94	99.20	40.99	99.00	40.96	99.00	40.93	98.90	40.90	98.90	40.90
	43	64.60	23.90	81.60	33.14	91.40	38.97	91.40	38.94	91.30	38.90	91.30	38.91	91.30	38.94
	46	64.60	26.35	80.40	35.99	80.30	35.91	80.30	35.91	80.30	35.92	80.20	35.90	80.30	35.90
	48	64.60	28.15	73.40	33.70	73.40	33.71	73.40	33.74	73.30	33.69	73.30	33.66	73.30	33.66
	50	64.60	30.10	66.80	31.55	66.70	31.56	66.70	31.55	66.70	31.55	66.70	31.56	66.70	31.50
	52	59.00	28.06	59.70	26.66	60.50	25.22	60.40	24.93	60.50	24.61	60.50	24.36	60.50	24.23
110	10	59.20	6.07	74.70	7.93	91.50	10.94	98.50	12.59	106.4	14.75	113.1	16.72	118.4	18.36
	12	59.20	6.56	74.70	8.71	91.50	12.08	98.50	13.88	106.4	16.23	113.1	18.30	118.4	20.04
	14	59.20	7.13	74.70	9.58	91.50	13.32	98.50	15.30	106.4	17.83	113.1	20.01	118.4	21.85

13. ARUM320LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	59.20	7.76	74.70	10.55	91.50	14.70	98.50	16.85	106.4	19.55	113.1	21.88	118.4	23.82
	18	59.20	8.48	74.70	11.61	91.50	16.20	98.50	18.55	106.4	21.42	113.1	23.91	118.4	25.98
	20	59.20	9.27	74.70	12.78	91.50	17.84	98.50	20.41	106.4	23.45	113.1	26.12	118.4	28.14
	21	59.20	9.70	74.70	13.41	91.50	18.71	98.50	21.41	106.4	24.54	113.1	26.97	118.4	28.89
	23	59.20	10.63	74.70	14.77	91.50	20.60	98.50	23.22	106.4	26.04	113.1	28.49	118.4	30.39
	25	59.20	11.66	74.70	16.26	91.50	21.96	98.50	24.70	106.4	27.57	113.1	30.13	118.4	31.93
	27	59.20	12.80	74.70	17.40	91.50	23.38	98.50	26.18	106.4	29.20	113.1	31.89	118.4	33.59
	29	59.20	13.69	74.70	18.55	91.50	24.90	98.50	27.78	106.4	30.97	113.1	33.65	118.4	35.37
	31	59.20	14.58	74.70	19.76	91.50	26.53	98.50	29.49	106.4	32.87	113.1	35.52	118.4	37.34
	33	59.20	15.55	74.70	21.06	91.50	28.29	98.50	31.34	106.4	34.97	113.1	37.56	118.4	39.50
	35	59.20	16.57	74.70	22.46	91.50	30.11	98.50	33.35	106.4	37.12	113.1	39.81	118.4	41.91
	37	59.20	17.66	74.70	23.94	91.50	32.04	98.50	35.54	106.4	39.38	113.1	42.32	115.1	43.17
	39	59.20	18.84	74.70	25.54	91.50	34.14	98.50	37.97	106.4	41.89	107.0	42.17	107.0	42.17
	41	59.20	20.08	74.70	27.27	91.50	36.46	98.50	40.67	99.20	40.98	99.00	40.96	99.00	40.97
	43	59.20	21.42	74.70	29.14	91.30	38.87	91.40	38.98	91.40	38.95	91.20	38.90	91.30	38.92
	46	59.20	23.60	74.70	32.25	80.30	35.96	80.30	35.94	80.30	35.95	80.30	35.95	80.20	35.89
	48	59.20	25.18	73.40	33.73	73.40	33.72	73.40	33.72	73.40	33.68	73.30	33.68	73.30	33.68
	50	59.20	26.88	66.90	31.60	66.80	31.57	66.70	31.57	66.70	31.55	66.70	31.53	66.70	31.53
	52	58.70	28.36	59.30	27.35	60.20	25.94	60.40	25.67	60.50	25.37	60.30	25.08	60.50	24.72
100	10	53.80	5.58	68.00	7.01	83.20	9.29	89.60	10.54	96.80	12.15	102.9	13.74	107.7	15.13
	12	53.80	6.01	68.00	7.67	83.20	10.25	89.60	11.62	96.80	13.41	102.9	15.14	107.7	16.63
	14	53.80	6.48	68.00	8.40	83.20	11.30	89.60	12.83	96.80	14.78	102.9	16.66	107.7	18.22
	16	53.80	7.02	68.00	9.21	83.20	12.47	89.60	14.15	96.80	16.29	102.9	18.33	107.7	19.97
	18	53.80	7.61	68.00	10.11	83.20	13.74	89.60	15.60	96.80	17.94	102.9	20.16	107.7	21.88
	20	53.80	8.30	68.00	11.12	83.20	15.15	89.60	17.19	96.80	19.74	102.9	22.13	107.7	23.94
	21	53.80	8.65	68.00	11.66	83.20	15.90	89.60	18.03	96.80	20.71	102.9	23.16	107.7	25.02
	23	53.80	9.45	68.00	12.82	83.20	17.51	89.60	19.86	96.80	22.56	102.9	24.80	107.7	26.49
	25	53.80	10.35	68.00	14.10	83.20	19.02	89.60	21.26	96.80	23.99	102.9	26.26	107.7	28.03
	27	53.80	11.33	68.00	15.30	83.20	20.26	89.60	22.64	96.80	25.52	102.9	27.83	107.7	29.69
	29	53.80	12.23	68.00	16.30	83.20	21.58	89.60	24.10	96.80	27.10	102.9	29.52	107.7	31.48
	31	53.80	13.02	68.00	17.37	83.20	23.00	89.60	25.68	96.80	28.77	102.9	31.34	107.7	33.43
	33	53.80	13.87	68.00	18.52	83.20	24.51	89.60	27.38	96.80	30.56	102.9	33.31	107.7	35.53
	35	53.80	14.79	68.00	19.75	83.20	26.13	89.60	29.23	96.80	32.52	102.9	35.47	107.7	37.62
	37	53.80	15.76	68.00	21.05	83.20	27.89	89.60	31.13	96.80	34.64	102.9	37.86	107.7	39.92
	39	53.80	16.80	68.00	22.45	83.20	29.80	89.60	33.16	96.80	36.98	102.9	40.23	107.1	42.20
	41	53.80	17.92	68.00	23.94	83.20	31.87	89.60	35.38	96.80	39.58	99.00	40.94	99.10	40.97
	43	53.80	19.11	68.00	25.55	83.20	34.11	89.60	37.84	91.30	38.93	91.40	38.96	91.40	38.96
	46	53.80	21.05	68.00	28.20	80.30	35.94	80.40	35.94	80.40	35.94	80.40	35.95	80.30	35.91
	48	53.80	22.45	68.00	30.14	73.50	33.73	73.40	33.72	73.40	33.73	73.40	33.72	73.40	33.73
	50	53.80	23.96	66.90	31.58	66.80	31.56	66.80	31.56	66.70	31.53	66.70	31.52	66.70	31.51
	52	53.80	25.57	59.10	27.74	59.60	26.71	59.90	26.28	60.30	25.83	60.50	25.40	60.50	25.05
90	10	48.50	5.18	61.10	6.26	74.90	7.93	80.60	8.85	87.10	10.04	92.60	11.18	96.90	12.20
	12	48.50	5.52	61.10	6.79	74.90	8.72	80.60	9.75	87.10	11.07	92.60	12.35	96.90	13.46
	14	48.50	5.92	61.10	7.39	74.90	9.60	80.60	10.75	87.10	12.22	92.60	13.62	96.90	14.83
	16	48.50	6.36	61.10	8.07	74.90	10.57	80.60	11.85	87.10	13.47	92.60	15.03	96.90	16.35
	18	48.50	6.86	61.10	8.82	74.90	11.63	80.60	13.06	87.10	14.86	92.60	16.55	96.90	18.00
	20	48.50	7.42	61.10	9.66	74.90	12.81	80.60	14.39	87.10	16.37	92.60	18.23	96.90	19.81
	21	48.50	7.73	61.10	10.11	74.90	13.44	80.60	15.11	87.10	17.18	92.60	19.13	96.90	20.78
	23	48.50	8.40	61.10	11.09	74.90	14.80	80.60	16.64	87.10	18.92	92.60	21.03	96.90	22.62
	25	48.50	9.15	61.10	12.17	74.90	16.29	80.60	18.17	87.10	20.37	92.60	22.39	96.90	24.05
	27	48.50	10.00	61.10	13.37	74.90	17.43	80.60	19.36	87.10	21.69	92.60	23.83	96.90	25.59

13. ARUM320LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	48.50	10.88	61.10	14.25	74.90	18.58	80.60	20.62	87.10	23.10	92.60	25.37	96.90	27.16
	31	48.50	11.57	61.10	15.19	74.90	19.80	80.60	21.98	87.10	24.62	92.60	27.04	96.90	28.84
	33	48.50	12.31	61.10	16.19	74.90	21.10	80.60	23.43	87.10	26.25	92.60	28.78	96.90	30.65
	35	48.50	13.12	61.10	17.25	74.90	22.49	80.60	24.98	87.10	27.99	92.60	30.61	96.90	32.59
	37	48.50	13.98	61.10	18.39	74.90	23.99	80.60	26.64	87.10	29.90	92.60	32.58	96.90	34.72
	39	48.50	14.91	61.10	19.61	74.90	25.59	80.60	28.45	87.10	31.92	92.60	34.74	96.90	37.07
	41	48.50	15.90	61.10	20.91	74.90	27.32	80.60	30.41	87.10	34.03	92.60	37.10	96.90	39.69
	43	48.50	16.96	61.10	22.30	74.90	29.19	80.60	32.54	87.10	36.35	91.40	38.95	91.40	38.95
	46	48.50	18.68	61.10	24.57	74.90	32.31	80.30	35.92	80.40	35.95	80.30	35.94	80.40	35.96
	48	48.50	19.93	61.10	26.23	73.50	33.76	73.40	33.72	73.40	33.70	73.40	33.68	73.40	33.69
	50	48.50	21.26	61.10	28.02	66.90	31.61	66.80	31.60	66.80	31.57	66.80	31.56	66.80	31.55
	52	48.50	22.69	58.80	28.23	59.40	27.14	59.70	26.71	60.10	26.24	60.30	25.81	60.50	25.47
80	10	43.00	4.69	54.40	5.63	66.50	6.84	71.70	7.49	77.40	8.32	82.30	9.14	86.20	9.85
	12	43.00	5.12	54.40	6.06	66.50	7.47	71.70	8.21	77.40	9.16	82.30	10.08	86.20	10.87
	14	43.00	5.43	54.40	6.54	66.50	8.17	71.70	9.02	77.40	10.09	82.30	11.11	86.20	12.00
	16	43.00	5.79	54.40	7.09	66.50	8.96	71.70	9.91	77.40	11.12	82.30	12.26	86.20	13.23
	18	43.00	6.20	54.40	7.70	66.50	9.83	71.70	10.90	77.40	12.25	82.30	13.52	86.20	14.59
	20	43.00	6.65	54.40	8.39	66.50	10.79	71.70	12.00	77.40	13.50	82.30	14.90	86.20	16.08
	21	43.00	6.91	54.40	8.76	66.50	11.32	71.70	12.58	77.40	14.16	82.30	15.63	86.20	16.87
	23	43.00	7.47	54.40	9.57	66.50	12.43	71.70	13.85	77.40	15.60	82.30	17.21	86.20	18.57
	25	43.00	8.09	54.40	10.47	66.50	13.67	71.70	15.24	77.40	17.14	82.30	18.74	86.20	20.04
	27	43.00	8.80	54.40	11.47	66.50	14.88	71.70	16.42	77.40	18.27	82.30	19.96	86.20	21.35
	29	43.00	9.60	54.40	12.37	66.50	15.85	71.70	17.50	77.40	19.47	82.30	21.26	86.20	22.74
	31	43.00	10.23	54.40	13.17	66.50	16.90	71.70	18.65	77.40	20.75	82.30	22.66	86.20	24.23
	33	43.00	10.87	54.40	14.04	66.50	18.02	71.70	19.88	77.40	22.12	82.30	24.15	86.20	25.83
	35	43.00	11.58	54.40	14.96	66.50	19.20	71.70	21.18	77.40	23.58	82.30	25.75	86.20	27.55
	37	43.00	12.33	54.40	15.94	66.50	20.48	71.70	22.59	77.40	25.14	82.30	27.47	86.20	29.42
	39	43.00	13.14	54.40	17.00	66.50	21.83	71.70	24.09	77.40	26.83	82.30	29.35	86.20	31.45
	41	43.00	14.02	54.40	18.13	66.50	23.28	71.70	25.71	77.40	28.66	82.30	31.38	86.20	33.53
	43	43.00	14.95	54.40	19.33	66.50	24.84	71.70	27.44	77.40	30.64	82.30	33.61	86.20	35.80
	46	43.00	16.48	54.40	21.30	66.50	27.40	71.70	30.33	77.40	33.98	80.30	35.91	80.30	35.93
	48	43.00	17.59	54.40	22.72	66.50	29.28	71.70	32.48	73.40	33.72	73.40	33.72	73.40	33.71
	50	43.00	18.77	54.40	24.24	66.50	31.34	66.90	31.60	66.80	31.58	66.90	31.58	66.80	31.57
	52	43.00	20.03	54.40	25.87	59.10	27.72	59.40	27.27	59.70	26.78	59.90	26.33	60.20	26.00
70	10	37.70	3.87	47.50	5.13	58.20	5.97	62.70	6.42	67.70	6.98	72.00	7.54	75.40	8.02
	12	37.70	4.77	47.50	5.46	58.20	6.46	62.70	6.98	67.70	7.64	72.00	8.27	75.40	8.81
	14	37.70	5.01	47.50	5.83	58.20	7.00	62.70	7.60	67.70	8.36	72.00	9.08	75.40	9.70
	16	37.70	5.30	47.50	6.26	58.20	7.62	62.70	8.31	67.70	9.17	72.00	9.98	75.40	10.67
	18	37.70	5.62	47.50	6.74	58.20	8.31	62.70	9.10	67.70	10.07	72.00	10.98	75.40	11.76
	20	37.70	5.99	47.50	7.30	58.20	9.08	62.70	9.97	67.70	11.06	72.00	12.09	75.40	12.95
	21	37.70	6.19	47.50	7.60	58.20	9.50	62.70	10.44	67.70	11.61	72.00	12.68	75.40	13.59
	23	37.70	6.64	47.50	8.25	58.20	10.40	62.70	11.46	67.70	12.76	72.00	13.96	75.40	14.96
	25	37.70	7.15	47.50	8.98	58.20	11.41	62.70	12.58	67.70	14.03	72.00	15.36	75.40	16.46
	27	37.70	7.73	47.50	9.80	58.20	12.51	62.70	13.79	67.70	15.23	72.00	16.53	75.40	17.60
	29	37.70	8.39	47.50	10.68	58.20	13.41	62.70	14.69	67.70	16.23	72.00	17.62	75.40	18.76
	31	37.70	9.01	47.50	11.34	58.20	14.28	62.70	15.66	67.70	17.30	72.00	18.78	75.40	20.00
	33	37.70	9.55	47.50	12.08	58.20	15.22	62.70	16.69	67.70	18.44	72.00	20.02	75.40	21.31
	35	37.70	10.15	47.50	12.86	58.20	16.23	62.70	17.79	67.70	19.65	72.00	21.33	75.40	22.72
	37	37.70	10.80	47.50	13.70	58.20	17.30	62.70	18.97	67.70	20.96	72.00	22.75	75.40	24.23
	39	37.70	11.50	47.50	14.61	58.20	18.45	62.70	20.23	67.70	22.35	72.00	24.26	75.40	25.85
	41	37.70	12.26	47.50	15.58	58.20	19.67	62.70	21.57	67.70	23.84	72.00	25.90	75.40	27.59

13. ARUM320LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	37.70	13.09	47.50	16.62	58.20	20.97	62.70	23.00	67.70	25.43	72.00	27.64	75.40	29.48
	46	37.70	14.43	47.50	18.31	58.20	23.11	62.70	25.36	67.70	28.07	72.00	30.56	75.40	32.65
	48	37.70	15.41	47.50	19.54	58.20	24.66	62.70	27.07	67.70	30.01	72.00	32.73	73.50	33.75
	50	37.70	16.46	47.50	20.84	58.20	26.32	62.70	28.92	66.90	31.60	66.90	31.56	66.80	31.58
	52	37.70	17.57	47.50	22.24	58.20	28.11	58.90	28.01	59.30	27.50	59.60	27.05	59.70	26.70
60	10	32.30	3.10	40.80	4.32	49.90	5.29	53.80	5.58	58.10	5.95	61.80	6.31	64.60	6.63
	12	32.30	4.36	40.80	4.97	49.90	5.65	53.80	5.99	58.10	6.44	61.80	6.86	64.60	7.22
	14	32.30	4.56	40.80	5.25	49.90	6.06	53.80	6.47	58.10	6.98	61.80	7.47	64.60	7.88
	16	32.30	4.78	40.80	5.57	49.90	6.53	53.80	7.00	58.10	7.59	61.80	8.16	64.60	8.62
	18	32.30	5.05	40.80	5.94	49.90	7.05	53.80	7.60	58.10	8.28	61.80	8.93	64.60	9.46
	20	32.30	5.34	40.80	6.36	49.90	7.65	53.80	8.28	58.10	9.05	61.80	9.77	64.60	10.38
	21	32.30	5.51	40.80	6.60	49.90	7.97	53.80	8.64	58.10	9.47	61.80	10.23	64.60	10.87
	23	32.30	5.87	40.80	7.10	49.90	8.67	53.80	9.44	58.10	10.37	61.80	11.23	64.60	11.94
	25	32.30	6.28	40.80	7.68	49.90	9.47	53.80	10.32	58.10	11.36	61.80	12.33	64.60	13.12
	27	32.30	6.76	40.80	8.33	49.90	10.35	53.80	11.31	58.10	12.47	61.80	13.53	64.60	14.32
	29	32.30	7.30	40.80	9.06	49.90	11.24	53.80	12.21	58.10	13.37	61.80	14.42	64.60	15.26
	31	32.30	7.87	40.80	9.70	49.90	11.95	53.80	13.00	58.10	14.24	61.80	15.36	64.60	16.27
	33	32.30	8.33	40.80	10.30	49.90	12.72	53.80	13.84	58.10	15.18	61.80	16.37	64.60	17.35
	35	32.30	8.83	40.80	10.96	49.90	13.55	53.80	14.76	58.10	16.18	61.80	17.45	64.60	18.49
	37	32.30	9.39	40.80	11.66	49.90	14.45	53.80	15.72	58.10	17.24	61.80	18.60	64.60	19.71
	39	32.30	9.99	40.80	12.44	49.90	15.41	53.80	16.77	58.10	18.39	61.80	19.84	64.60	21.02
	41	32.30	10.65	40.80	13.25	49.90	16.43	53.80	17.89	58.10	19.61	61.80	21.15	64.60	22.41
	43	32.30	11.36	40.80	14.14	49.90	17.52	53.80	19.08	58.10	20.91	61.80	22.56	64.60	23.91
	46	32.30	12.53	40.80	15.59	49.90	19.31	53.80	21.00	58.10	23.03	61.80	24.86	64.60	26.37
	48	32.30	13.38	40.80	16.64	49.90	20.59	53.80	22.41	58.10	24.58	61.80	26.54	64.60	28.16
	50	32.30	14.30	40.80	17.77	49.90	21.96	53.80	23.91	58.10	26.24	61.80	28.36	64.60	30.12
	52	32.30	15.29	40.80	18.96	49.90	23.43	53.80	25.52	58.10	28.03	58.90	28.06	59.10	27.70
50	10	26.90	2.41	33.90	3.32	41.60	4.44	44.80	4.94	48.30	5.18	51.50	5.40	53.90	5.58
	12	26.90	3.76	33.90	4.49	41.60	5.02	44.80	5.25	48.30	5.52	51.50	5.78	53.90	6.01
	14	26.90	4.07	33.90	4.70	41.60	5.31	44.80	5.57	48.30	5.91	51.50	6.22	53.90	6.48
	16	26.90	4.25	33.90	4.95	41.60	5.64	44.80	5.96	48.30	6.35	51.50	6.71	53.90	7.02
	18	26.90	4.46	33.90	5.22	41.60	6.03	44.80	6.40	48.30	6.85	51.50	7.27	53.90	7.62
	20	26.90	4.69	33.90	5.54	41.60	6.46	44.80	6.89	48.30	7.41	51.50	7.89	53.90	8.30
	21	26.90	4.82	33.90	5.71	41.60	6.70	44.80	7.16	48.30	7.72	51.50	8.23	53.90	8.67
	23	26.90	5.11	33.90	6.11	41.60	7.23	44.80	7.76	48.30	8.39	51.50	8.98	53.90	9.47
	25	26.90	5.44	33.90	6.55	41.60	7.82	44.80	8.43	48.30	9.15	51.50	9.81	53.90	10.35
	27	26.90	5.82	33.90	7.06	41.60	8.50	44.80	9.17	48.30	9.98	51.50	10.72	53.90	11.33
	29	26.90	6.25	33.90	7.64	41.60	9.25	44.80	10.00	48.30	10.87	51.50	11.62	53.90	12.23
	31	26.90	6.73	33.90	8.23	41.60	9.88	44.80	10.65	48.30	11.56	51.50	12.37	53.90	13.02
	33	26.90	7.14	33.90	8.71	41.60	10.50	44.80	11.32	48.30	12.30	51.50	13.17	53.90	13.87
	35	26.90	7.55	33.90	9.23	41.60	11.17	44.80	12.06	48.30	13.10	51.50	14.03	53.90	14.79
	37	26.90	8.00	33.90	9.82	41.60	11.89	44.80	12.84	48.30	13.96	51.50	14.95	53.90	15.77
	39	26.90	8.50	33.90	10.45	41.60	12.67	44.80	13.69	48.30	14.89	51.50	15.95	53.90	16.81
	41	26.90	9.05	33.90	11.13	41.60	13.52	44.80	14.60	48.30	15.87	51.50	17.01	53.90	17.92
	43	26.90	9.65	33.90	11.88	41.60	14.42	44.80	15.58	48.30	16.94	51.50	18.14	53.90	19.12
	46	26.90	10.66	33.90	13.11	41.60	15.91	44.80	17.17	48.30	18.66	51.50	19.98	53.90	21.05
	48	26.90	11.42	33.90	14.00	41.60	16.97	44.80	18.32	48.30	19.90	51.50	21.32	53.90	22.46
	50	26.90	12.25	33.90	14.96	41.60	18.12	44.80	19.54	48.30	21.23	51.50	22.73	53.90	23.96
	52	26.90	13.15	33.90	15.98	41.60	19.33	44.80	20.85	48.30	22.65	51.50	24.26	53.90	25.58

13. ARUM320LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

13. ARUM320LTE6

13.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	19.10	1.33	30.60	2.12	43.30	3.03	46.40	3.27	49.40	3.50	52.60	3.76	56.00	4.07
	12	19.10	1.33	30.60	2.13	43.30	3.06	46.40	3.30	49.40	3.54	52.60	3.79	56.00	4.13
	14	19.10	1.33	30.60	2.14	43.30	3.10	46.40	3.34	49.40	3.59	52.60	3.86	56.00	4.22
	16	19.10	1.33	30.60	2.17	43.30	3.18	46.40	3.43	49.40	3.70	52.60	4.00	56.00	4.41
	18	19.10	1.35	30.60	2.23	43.30	3.33	46.40	3.63	49.40	3.94	52.60	4.30	56.00	4.83
	20	19.10	1.39	30.60	2.36	43.30	3.74	46.40	4.14	49.40	4.57	52.60	5.05	56.00	5.90
	21	21.60	1.74	33.00	2.98	45.60	5.07	48.60	5.36	51.70	5.67	54.70	6.00	57.80	6.52
	23	26.60	3.90	37.90	4.88	50.40	6.28	53.30	6.65	56.20	7.05	58.70	7.41	61.60	8.02
	25	31.80	4.85	42.90	6.09	55.30	7.91	57.90	8.36	60.80	8.84	62.90	9.24	65.40	9.95
	27	37.10	6.16	48.00	7.71	60.30	10.05	62.90	10.60	65.50	11.15	67.20	11.51	73.10	13.15
	29	42.60	7.94	53.10	9.78	65.40	12.42	67.80	12.99	70.40	13.61	74.60	14.71	86.40	18.58
	31	48.20	10.01	58.60	12.13	70.70	15.30	72.90	15.94	79.20	17.84	88.30	20.82	99.80	25.86
	33	53.90	12.59	64.00	15.07	76.00	18.85	83.70	21.54	93.10	25.24	101.9	29.03	113.1	34.75
	35	59.80	15.84	69.80	18.73	89.30	26.43	97.60	30.37	107.1	34.61	115.5	38.49	126.5	43.70
	37	59.80	16.91	69.80	19.98	89.30	28.22	97.60	32.33	107.1	36.94	115.5	40.89	118.0	42.80
	39	59.80	18.03	69.80	21.31	89.30	30.16	97.60	34.47	107.1	39.51	110.8	41.35	109.5	41.63
	41	59.80	19.24	69.80	22.74	89.30	32.28	97.60	36.83	102.5	39.57	102.5	39.58	101.3	40.00
	43	59.80	20.53	69.80	24.27	89.30	34.59	94.60	37.55	94.50	37.54	94.50	37.54	93.40	37.99
	46	59.80	22.62	69.80	26.77	83.20	34.49	83.20	34.48	83.10	34.46	83.20	34.48	82.10	34.92
	48	59.80	24.15	69.80	28.60	76.00	32.30	76.10	32.35	76.00	32.28	75.90	32.26	75.00	32.70
	50	59.80	25.77	69.30	30.29	69.10	30.27	69.10	30.31	69.10	30.27	69.00	30.26	68.00	30.50
	52	59.20	27.11	60.10	25.37	61.00	24.03	61.20	23.77	61.50	23.47	61.70	23.22	61.80	23.37
120	10	17.60	1.23	28.20	1.96	40.00	2.80	42.70	3.00	45.60	3.21	48.60	3.44	51.70	3.71
	12	17.60	1.23	28.20	1.96	40.00	2.81	42.70	3.02	45.60	3.23	48.60	3.47	51.70	3.75
	14	17.60	1.23	28.20	1.97	40.00	2.84	42.70	3.05	45.60	3.29	48.60	3.53	51.70	3.83
	16	17.60	1.23	28.20	1.99	40.00	2.90	42.70	3.13	45.60	3.37	48.60	3.63	51.70	3.98
	18	17.60	1.25	28.20	2.03	40.00	3.02	42.70	3.28	45.60	3.56	48.60	3.86	51.70	4.31
	20	17.60	1.28	28.20	2.14	40.00	3.34	42.70	3.68	45.60	4.04	48.60	4.45	51.70	5.20
	21	19.90	1.56	30.40	2.65	42.10	4.45	44.90	4.97	47.70	5.27	50.40	5.54	53.40	5.99
	23	24.60	3.72	34.90	4.59	46.60	5.81	49.10	6.12	51.80	6.46	54.20	6.78	56.80	7.30
	25	29.40	4.58	39.50	5.67	51.00	7.24	53.60	7.62	56.10	8.04	58.10	8.37	60.30	8.99
	27	34.30	5.76	44.30	7.11	55.70	9.11	58.10	9.58	60.50	10.08	62.10	10.43	67.50	11.87
	29	39.30	7.34	49.10	8.99	60.30	11.28	62.60	11.77	64.90	12.31	68.90	13.26	79.80	16.57
	31	44.50	9.24	54.10	11.08	65.30	13.81	67.30	14.37	73.10	16.00	81.50	18.55	92.20	22.85
	33	49.80	11.51	59.20	13.67	70.20	16.94	77.30	19.26	86.10	22.40	94.10	25.60	104.5	30.92
	35	55.20	14.40	64.30	16.90	82.40	23.51	90.10	26.85	98.90	30.87	106.6	34.38	116.8	39.75
	37	55.20	15.37	64.30	18.03	82.40	25.09	90.10	28.68	98.90	32.89	106.6	36.67	116.8	42.27
	39	55.20	16.39	64.30	19.24	82.40	26.78	90.10	30.65	98.90	35.07	106.6	39.23	109.5	41.64
	41	55.20	17.49	64.30	20.53	82.40	28.61	90.10	32.81	98.90	37.47	102.5	39.56	101.3	39.99
	43	55.20	18.66	64.30	21.90	82.40	30.59	90.10	35.09	94.60	37.54	94.60	37.54	93.40	37.95
	46	55.20	20.58	64.30	24.13	82.40	33.92	83.20	34.50	83.10	34.47	83.10	34.49	82.10	34.96
	48	55.20	21.95	64.30	25.76	76.10	32.35	76.00	32.32	76.00	32.31	75.90	32.24	75.00	32.71
	50	55.20	23.42	64.30	27.51	69.20	30.30	69.20	30.34	69.20	30.32	69.10	30.26	68.30	30.64
	52	55.20	25.00	59.70	25.94	60.70	24.58	60.90	24.31	61.00	24.03	61.20	23.83	61.30	24.03
110	10	16.20	1.12	25.90	1.79	36.60	2.55	39.20	2.73	41.80	2.93	44.50	3.13	47.40	3.37
	12	16.20	1.12	25.90	1.79	36.60	2.57	39.20	2.76	41.80	2.94	44.50	3.15	47.40	3.41
	14	16.20	1.12	25.90	1.81	36.60	2.59	39.20	2.78	41.80	2.99	44.50	3.19	47.40	3.46
	16	16.20	1.13	25.90	1.82	36.60	2.64	39.20	2.84	41.80	3.05	44.50	3.28	47.40	3.58
	18	16.20	1.13	25.90	1.85	36.60	2.73	39.20	2.96	41.80	3.20	44.50	3.45	47.40	3.83

13. ARUM320LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	16.20	1.15	25.90	1.93	36.60	2.97	39.20	3.26	41.80	3.56	44.50	3.90	47.40	4.50
	21	18.20	1.40	27.90	2.34	38.60	3.83	41.10	4.27	43.70	4.75	46.20	5.12	48.90	5.50
	23	22.50	3.55	32.00	4.32	42.70	5.38	45.10	5.64	47.50	5.93	49.70	6.19	52.10	6.64
	25	26.90	4.32	36.30	5.27	46.70	6.62	49.10	6.94	51.40	7.29	53.30	7.57	55.40	8.10
	27	31.40	5.36	40.60	6.54	51.00	8.25	53.10	8.64	55.40	9.06	56.90	9.36	61.90	10.65
	29	36.00	6.77	45.00	8.21	55.40	10.22	57.40	10.64	59.50	11.10	63.20	11.90	73.10	14.72
	31	40.80	8.50	49.60	10.08	59.80	12.44	61.70	12.90	67.00	14.30	74.70	16.46	84.50	20.08
	33	45.60	10.51	54.20	12.35	64.30	15.16	70.90	17.13	78.90	19.80	86.20	22.48	95.70	27.12
	35	50.60	13.05	59.00	15.19	75.50	20.82	82.60	23.63	90.60	27.06	97.70	30.37	107.0	35.53
	37	50.60	13.91	59.00	16.20	75.50	22.22	82.60	25.21	90.60	28.90	97.70	32.35	107.0	37.94
	39	50.60	14.84	59.00	17.29	75.50	23.70	82.60	26.92	90.60	30.89	97.70	34.49	107.0	40.46
	41	50.60	15.85	59.00	18.45	75.50	25.30	82.60	28.75	90.60	33.07	97.70	36.84	101.3	39.99
	43	50.60	16.91	59.00	19.69	75.50	27.00	82.60	30.76	90.60	35.34	94.60	37.55	93.40	37.95
	46	50.60	18.64	59.00	21.69	75.50	29.84	82.60	34.11	83.20	34.52	83.20	34.47	82.10	34.93
	48	50.60	19.89	59.00	23.15	75.50	31.94	76.00	32.29	76.00	32.31	76.00	32.28	75.00	32.69
	50	50.60	21.22	59.00	24.69	69.30	30.31	69.30	30.31	69.10	30.28	69.20	30.28	68.30	30.66
	52	50.60	22.65	59.00	26.34	60.20	25.24	60.40	24.99	60.60	24.70	60.40	24.41	61.00	24.42
100	10	14.70	1.02	23.50	1.63	33.30	2.32	35.70	2.48	38.10	2.65	40.50	2.83	43.00	3.05
	12	14.70	1.02	23.50	1.63	33.30	2.32	35.70	2.50	38.10	2.67	40.50	2.85	43.00	3.07
	14	14.70	1.02	23.50	1.63	33.30	2.35	35.70	2.52	38.10	2.69	40.50	2.88	43.00	3.11
	16	14.70	1.02	23.50	1.64	33.30	2.38	35.70	2.56	38.10	2.74	40.50	2.94	43.00	3.20
	18	14.70	1.03	23.50	1.67	33.30	2.44	35.70	2.65	38.10	2.85	40.50	3.07	43.00	3.38
	20	14.70	1.05	23.50	1.73	33.30	2.63	35.70	2.87	38.10	3.12	40.50	3.40	43.00	3.88
	21	16.60	1.25	25.40	2.06	35.20	3.29	37.40	3.64	39.70	4.02	42.10	4.43	44.50	5.06
	23	20.50	3.37	29.10	4.05	38.70	4.97	41.00	5.19	43.20	5.43	45.10	5.66	47.40	6.03
	25	24.50	4.06	33.00	4.90	42.60	6.04	44.60	6.32	46.70	6.61	48.50	6.84	50.30	7.29
	27	28.50	4.98	36.90	6.00	46.40	7.45	48.30	7.78	50.40	8.14	51.70	8.38	56.20	9.45
	29	32.80	6.23	40.90	7.46	50.30	9.22	52.20	9.57	54.10	9.97	57.40	10.64	66.50	13.01
	31	37.10	7.79	45.10	9.14	54.40	11.15	56.00	11.53	60.90	12.72	67.90	14.53	76.80	17.57
	33	41.40	9.55	49.30	11.13	58.50	13.50	64.30	15.16	71.70	17.40	78.40	19.64	87.00	23.48
	35	46.10	11.76	53.60	13.58	68.60	18.34	75.10	20.69	82.40	23.52	88.80	26.26	97.30	31.01
	37	46.10	12.54	53.60	14.50	68.60	19.57	75.10	22.07	82.40	25.10	88.80	28.04	97.30	33.03
	39	46.10	13.39	53.60	15.46	68.60	20.88	75.10	23.55	82.40	26.79	88.80	29.96	97.30	35.23
	41	46.10	14.28	53.60	16.50	68.60	22.27	75.10	25.13	82.40	28.62	88.80	32.06	97.30	37.65
	43	46.10	15.25	53.60	17.62	68.60	23.76	75.10	26.83	82.40	30.60	88.80	34.35	93.50	38.01
	46	46.10	16.82	53.60	19.42	68.60	26.20	75.10	29.63	82.40	33.93	83.20	34.53	82.10	34.91
	48	46.10	17.95	53.60	20.72	68.60	27.99	75.10	31.71	76.00	32.31	75.90	32.26	75.00	32.69
	50	46.10	19.17	53.60	22.10	68.60	29.91	69.30	30.31	69.20	30.29	69.30	30.34	68.20	30.61
	52	46.10	20.46	53.60	23.58	59.60	25.99	60.00	25.57	60.30	25.13	60.60	24.73	60.70	24.73
90	10	13.30	0.92	21.10	1.46	29.90	2.08	32.10	2.23	34.20	2.38	36.50	2.54	38.70	2.73
	12	13.30	0.92	21.10	1.46	29.90	2.09	32.10	2.24	34.20	2.39	36.50	2.55	38.70	2.75
	14	13.30	0.92	21.10	1.47	29.90	2.10	32.10	2.25	34.20	2.41	36.50	2.58	38.70	2.78
	16	13.30	0.92	21.10	1.48	29.90	2.12	32.10	2.28	34.20	2.45	36.50	2.62	38.70	2.84
	18	13.30	0.92	21.10	1.49	29.90	2.18	32.10	2.34	34.20	2.52	36.50	2.71	38.70	2.97
	20	13.30	0.94	21.10	1.54	29.90	2.30	32.10	2.51	34.20	2.72	36.50	2.95	38.70	3.33
	21	14.90	1.10	22.90	1.79	31.70	2.79	33.60	3.08	35.70	3.38	37.80	3.70	40.00	4.46
	23	18.40	3.21	26.20	3.80	34.90	4.59	36.80	4.78	38.90	4.98	40.60	5.16	42.60	5.49
	25	22.10	3.81	29.60	4.53	38.30	5.51	40.20	5.74	42.10	5.99	43.50	6.18	45.30	6.55
	27	25.70	4.62	33.10	5.49	41.80	6.71	43.50	6.99	45.30	7.28	46.60	7.48	50.60	8.37
	29	29.50	5.71	36.80	6.76	45.30	8.28	46.90	8.59	48.70	8.92	51.70	9.49	59.90	11.45
	31	33.30	7.11	40.50	8.27	48.90	9.94	50.40	10.28	54.90	11.25	61.10	12.76	69.10	15.27

13. ARUM320LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	37.30	8.67	44.30	9.98	52.60	11.96	57.90	13.35	64.50	15.20	70.60	17.04	78.40	20.18
	35	41.40	10.57	48.30	12.09	61.80	16.05	67.70	17.99	74.10	20.32	80.00	22.54	87.50	26.50
	37	41.40	11.26	48.30	12.89	61.80	17.12	67.70	19.20	74.10	21.67	80.00	24.05	87.50	28.29
	39	41.40	12.01	48.30	13.76	61.80	18.27	67.70	20.48	74.10	23.12	80.00	25.67	87.50	30.23
	41	41.40	12.82	48.30	14.68	61.80	19.49	67.70	21.85	74.10	24.67	80.00	27.41	87.50	32.35
	43	41.40	13.69	48.30	15.68	61.80	20.80	67.70	23.31	74.10	26.34	80.00	29.29	87.50	34.63
	46	41.40	15.11	48.30	17.29	61.80	22.92	67.70	25.70	74.10	29.09	80.00	32.42	82.20	34.95
	48	41.40	16.14	48.30	18.45	61.80	24.46	67.70	27.45	74.10	31.12	76.00	32.32	75.20	32.74
	50	41.40	17.23	48.30	19.70	61.80	26.11	67.70	29.33	69.20	30.29	69.20	30.32	68.30	30.67
	52	41.40	18.39	48.30	21.02	59.40	26.41	59.70	25.98	60.10	25.53	60.30	25.11	60.50	25.13
80	10	11.70	0.82	18.90	1.30	26.70	1.84	28.50	1.98	30.40	2.11	32.30	2.25	34.40	2.42
	12	11.70	0.82	18.90	1.30	26.70	1.85	28.50	1.99	30.40	2.12	32.30	2.26	34.40	2.43
	14	11.70	0.82	18.90	1.30	26.70	1.86	28.50	1.99	30.40	2.14	32.30	2.27	34.40	2.45
	16	11.70	0.82	18.90	1.30	26.70	1.87	28.50	2.02	30.40	2.15	32.30	2.30	34.40	2.49
	18	11.70	0.82	18.90	1.32	26.70	1.91	28.50	2.05	30.40	2.21	32.30	2.37	34.40	2.58
	20	11.70	0.82	18.90	1.35	26.70	2.00	28.50	2.17	30.40	2.35	32.30	2.54	34.40	2.84
	21	13.30	0.97	20.30	1.55	28.10	2.36	29.90	2.58	31.80	2.82	33.60	3.07	35.50	3.63
	23	16.30	3.04	23.30	3.55	31.00	4.22	32.80	4.39	34.60	4.55	36.20	4.70	37.90	4.98
	25	19.50	3.57	26.40	4.19	34.10	5.01	35.70	5.21	37.40	5.41	38.70	5.57	40.30	5.87
	27	22.90	4.27	29.50	5.01	37.10	6.03	38.70	6.26	40.30	6.50	41.40	6.66	45.00	7.39
	29	26.20	5.21	32.80	6.10	40.30	7.35	41.70	7.61	43.30	7.90	45.90	8.40	53.30	10.02
	31	29.60	6.43	36.00	7.43	43.50	8.84	44.80	9.11	48.80	9.91	54.40	11.13	61.40	13.17
	33	33.10	7.80	39.40	8.91	46.90	10.54	51.50	11.68	57.30	13.18	62.70	14.68	69.60	17.21
	35	36.80	9.45	42.90	10.71	54.90	13.95	60.10	15.53	65.90	17.40	71.00	19.19	77.80	22.35
	37	36.80	10.06	42.90	11.41	54.90	14.88	60.10	16.57	65.90	18.57	71.00	20.47	77.80	23.84
	39	36.80	10.72	42.90	12.17	54.90	15.88	60.10	17.68	65.90	19.81	71.00	21.85	77.80	25.45
	41	36.80	11.45	42.90	13.00	54.90	16.95	60.10	18.86	65.90	21.13	71.00	23.31	77.80	27.17
	43	36.80	12.22	42.90	13.87	54.90	18.09	60.10	20.12	65.90	22.55	71.00	24.88	77.80	29.03
	46	36.80	13.49	42.90	15.31	54.90	19.94	60.10	22.17	65.90	24.86	71.00	27.44	77.80	32.15
	48	36.80	14.41	42.90	16.35	54.90	21.27	60.10	23.66	65.90	26.54	71.00	29.33	75.20	32.74
	50	36.80	15.41	42.90	17.46	54.90	22.69	60.10	25.25	65.90	28.35	69.20	30.30	68.30	30.66
	52	36.80	16.46	42.90	18.64	54.90	24.21	59.40	26.52	59.70	26.05	59.90	25.62	60.20	25.64
70	10	10.30	0.71	16.50	1.13	23.30	1.61	25.00	1.73	26.60	1.84	28.30	1.96	30.10	2.11
	12	10.30	0.71	16.50	1.13	23.30	1.61	25.00	1.73	26.60	1.84	28.30	1.97	30.10	2.12
	14	10.30	0.72	16.50	1.13	23.30	1.63	25.00	1.74	26.60	1.86	28.30	1.98	30.10	2.14
	16	10.30	0.72	16.50	1.14	23.30	1.63	25.00	1.75	26.60	1.87	28.30	2.00	30.10	2.15
	18	10.30	0.72	16.50	1.15	23.30	1.66	25.00	1.78	26.60	1.90	28.30	2.04	30.10	2.22
	20	10.30	0.72	16.50	1.17	23.30	1.72	25.00	1.85	26.60	1.99	28.30	2.15	30.10	2.38
	21	11.70	0.83	17.80	1.32	24.60	1.97	26.20	2.14	27.80	2.33	29.40	2.52	31.20	2.92
	23	14.40	2.71	20.30	3.32	27.20	3.88	28.70	4.01	30.20	4.16	31.70	4.28	33.10	4.50
	25	17.10	3.34	23.00	3.85	29.80	4.54	31.20	4.70	32.80	4.87	33.90	5.00	35.20	5.26
	27	20.00	3.93	25.80	4.55	32.50	5.39	33.80	5.59	35.20	5.78	36.20	5.90	39.40	6.50
	29	22.90	4.72	28.60	5.46	35.20	6.50	36.50	6.71	37.90	6.94	40.20	7.33	46.60	8.71
	31	25.90	5.77	31.50	6.64	38.10	7.81	39.20	8.03	42.70	8.67	47.50	9.65	53.80	11.28
	33	29.00	6.96	34.50	7.90	41.00	9.24	45.10	10.14	50.20	11.35	54.90	12.52	60.90	14.54
	35	32.20	8.39	37.60	9.42	48.00	12.03	52.60	13.28	57.60	14.77	62.20	16.18	68.10	18.66
	37	32.20	8.92	37.60	10.02	48.00	12.83	52.60	14.17	57.60	15.77	62.20	17.26	68.10	19.91
	39	32.20	9.50	37.60	10.69	48.00	13.69	52.60	15.12	57.60	16.81	62.20	18.42	68.10	21.24
	41	32.20	10.14	37.60	11.41	48.00	14.61	52.60	16.13	57.60	17.95	62.20	19.66	68.10	22.66
	43	32.20	10.84	37.60	12.19	48.00	15.59	52.60	17.22	57.60	19.15	62.20	20.97	68.10	24.19
	46	32.20	11.97	37.60	13.46	48.00	17.20	52.60	18.99	57.60	21.10	62.20	23.11	68.10	26.68

13. ARUM320LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	32.20	12.80	37.60	14.38	48.00	18.35	52.60	20.25	57.60	22.51	62.20	24.66	68.10	28.51
	50	32.20	13.68	37.60	15.37	48.00	19.59	52.60	21.62	57.60	24.02	62.20	26.32	68.00	30.45
	52	32.20	14.64	37.60	16.42	48.00	20.91	52.60	23.06	57.60	25.64	59.60	26.32	59.70	26.32
60	10	8.80	0.61	14.10	0.97	20.00	1.38	21.40	1.48	22.90	1.58	24.30	1.68	25.80	1.81
	12	8.80	0.61	14.10	0.97	20.00	1.38	21.40	1.48	22.90	1.58	24.30	1.68	25.80	1.81
	14	8.80	0.60	14.10	0.97	20.00	1.38	21.40	1.48	22.90	1.58	24.30	1.69	25.80	1.81
	16	8.80	0.61	14.10	0.97	20.00	1.40	21.40	1.49	22.90	1.59	24.30	1.70	25.80	1.83
	18	8.80	0.61	14.10	0.98	20.00	1.40	21.40	1.51	22.90	1.61	24.30	1.73	25.80	1.87
	20	8.80	0.61	14.10	0.99	20.00	1.44	21.40	1.56	22.90	1.67	24.30	1.80	25.80	1.97
	21	9.90	0.70	15.20	1.10	21.10	1.62	22.40	1.76	23.80	1.90	25.30	2.04	26.70	2.31
	23	12.30	1.91	17.50	2.86	23.20	3.55	24.60	3.66	25.90	3.77	27.10	3.88	28.50	4.06
	25	15.10	3.16	19.80	3.53	25.60	4.09	26.70	4.22	28.00	4.36	29.10	4.47	30.20	4.67
	27	17.10	3.61	22.10	4.11	27.80	4.80	29.00	4.95	30.20	5.11	31.00	5.21	33.80	5.69
	29	19.70	4.27	24.50	4.87	30.20	5.70	31.30	5.87	32.50	6.05	34.40	6.38	39.90	7.46
	31	22.20	5.13	27.00	5.84	32.60	6.83	33.60	7.01	36.50	7.53	40.80	8.30	46.10	9.57
	33	24.80	6.15	29.60	6.92	35.10	8.02	38.60	8.75	43.00	9.67	47.00	10.59	52.20	12.15
	35	27.70	7.34	32.20	8.20	41.10	10.27	45.10	11.24	49.40	12.40	53.30	13.48	58.40	15.39
	37	27.70	7.79	32.20	8.71	41.10	10.94	45.10	11.99	49.40	13.23	53.30	14.38	58.40	16.42
	39	27.70	8.29	32.20	9.28	41.10	11.67	45.10	12.79	49.40	14.11	53.30	15.34	58.40	17.52
	41	27.70	8.83	32.20	9.91	41.10	12.46	45.10	13.66	49.40	15.06	53.30	16.38	58.40	18.69
	43	27.70	9.42	32.20	10.59	41.10	13.31	45.10	14.59	49.40	16.08	53.30	17.48	58.40	19.94
	46	27.70	10.41	32.20	11.72	41.10	14.69	45.10	16.09	49.40	17.73	53.30	19.27	58.40	21.97
	48	27.70	11.16	32.20	12.54	41.10	15.69	45.10	17.18	49.40	18.92	53.30	20.56	58.40	23.44
	50	27.70	11.96	32.20	13.42	41.10	16.76	45.10	18.34	49.40	20.19	53.30	21.94	58.40	25.03
	52	27.70	12.85	32.20	14.34	41.10	17.90	45.10	19.57	49.40	21.54	53.30	23.40	58.40	26.72
50	10	7.40	0.55	11.80	0.81	16.60	1.15	17.80	1.23	19.00	1.31	20.30	1.40	21.60	1.50
	12	7.40	0.55	11.80	0.81	16.60	1.15	17.80	1.23	19.00	1.31	20.30	1.40	21.60	1.50
	14	7.40	0.55	11.80	0.81	16.60	1.15	17.80	1.23	19.00	1.32	20.30	1.40	21.60	1.51
	16	7.40	0.55	11.80	0.81	16.60	1.15	17.80	1.23	19.00	1.32	20.30	1.41	21.60	1.51
	18	7.40	0.56	11.80	0.82	16.60	1.16	17.80	1.25	19.00	1.33	20.30	1.43	21.60	1.54
	20	7.40	0.56	11.80	0.82	16.60	1.18	17.80	1.27	19.00	1.36	20.30	1.46	21.60	1.59
	21	8.30	0.58	12.70	0.90	17.60	1.30	18.70	1.40	19.80	1.50	21.00	1.61	22.20	1.80
	23	10.20	1.30	14.60	1.93	19.40	3.24	20.50	3.32	21.60	3.42	22.60	3.50	23.70	3.64
	25	14.00	3.12	16.50	3.24	21.30	3.68	22.30	3.78	23.40	3.88	24.20	3.96	25.10	4.13
	27	14.50	3.33	18.40	3.70	23.20	4.24	24.20	4.36	25.10	4.47	25.90	4.56	28.10	4.93
	29	16.30	3.83	20.50	4.31	25.10	4.95	26.10	5.09	27.00	5.23	28.70	5.48	33.30	6.31
	31	18.50	4.52	22.50	5.08	27.20	5.87	28.00	6.02	30.40	6.45	33.90	7.07	38.40	8.05
	33	20.80	5.37	24.60	5.99	29.30	6.86	32.20	7.43	35.80	8.16	39.20	8.86	43.50	10.02
	35	23.00	6.33	26.90	7.02	34.30	8.68	37.60	9.42	41.10	10.27	44.50	11.08	48.60	12.48
	37	23.00	6.69	26.90	7.44	34.30	9.24	37.60	10.03	41.10	10.95	44.50	11.81	48.60	13.32
	39	23.00	7.09	26.90	7.90	34.30	9.85	37.60	10.69	41.10	11.68	44.50	12.60	48.60	14.21
	41	23.00	7.53	26.90	8.42	34.30	10.50	37.60	11.41	41.10	12.47	44.50	13.45	48.60	15.17
	43	23.00	8.01	26.90	8.98	34.30	11.22	37.60	12.19	41.10	13.31	44.50	14.36	48.60	16.19
	46	23.00	8.84	26.90	9.94	34.30	12.40	37.60	13.46	41.10	14.69	44.50	15.84	48.60	17.85
	48	23.00	9.46	26.90	10.64	34.30	13.25	37.60	14.38	41.10	15.70	44.50	16.92	48.60	19.05
	50	23.00	10.13	26.90	11.41	34.30	14.18	37.60	15.37	41.10	16.77	44.50	18.06	48.60	20.33
	52	23.00	10.88	26.90	12.24	34.30	15.15	37.60	16.43	41.10	17.91	44.50	19.29	48.60	21.70

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

13. ARUM320LTE6

13.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	60.10	27.49	59.70	27.73	59.20	27.96	59.00	28.07	58.80	28.19	58.40	28.42
	-24.8	-25	69.90	28.90	69.40	29.17	69.00	29.42	68.70	29.55	68.50	29.69	68.00	29.94
	-21.8	-22	76.00	29.72	75.50	30.00	75.00	30.27	74.70	30.41	74.50	30.54	73.90	30.80
	-19.8	-20	80.40	30.27	79.80	30.55	79.20	30.84	78.90	30.98	78.70	31.12	78.20	31.40
	-18.8	-19	82.60	30.54	82.00	30.83	81.50	31.13	81.20	31.27	80.80	31.41	80.30	31.68
	-16.7	-17	87.10	31.10	86.60	31.40	86.00	31.70	85.70	31.85	85.40	31.99	84.80	32.28
	-15	-15.9	90.00	31.42	89.30	31.73	88.70	32.04	88.40	32.18	88.10	32.34	87.50	32.62
	-13.7	-15	92.30	31.70	91.60	32.02	91.10	32.33	90.80	32.49	90.50	32.64	90.00	32.94
	-11.8	-13	97.10	32.25	96.40	32.57	95.80	32.89	95.40	33.05	95.10	33.20	94.50	33.51
	-9.8	-11	102.3	32.82	101.5	33.15	100.9	33.48	100.6	33.64	100.2	33.80	99.60	34.11
	-9.5	-10	104.8	33.09	104.1	33.42	103.4	33.76	103.1	33.92	102.7	34.09	102.0	34.41
	-8.5	-9.1	107.3	33.36	106.5	33.70	105.8	34.03	105.5	34.20	105.2	34.36	104.4	34.69
	-7	-7.6	111.5	33.80	110.8	34.15	110.0	34.50	109.7	34.66	109.2	34.83	108.5	35.16
	-5	-5.6	117.4	34.41	116.6	34.77	115.8	35.11	115.4	35.29	115.0	35.46	114.2	35.80
	-3	-3.7	123.2	34.99	122.4	35.36	121.5	35.72	121.1	35.90	120.7	36.08	114.7	34.06
	0	-0.7	132.8	35.94	131.8	36.32	130.9	36.68	126.9	35.33	122.9	33.95	114.7	31.25
	3	2.2	142.4	36.86	139.2	36.34	131.0	33.75	126.9	32.48	122.9	31.22	114.7	28.77
	5	4.1	147.4	36.88	139.2	34.38	131.0	31.95	126.9	30.76	122.9	29.58	114.7	27.27
	7	6	147.4	34.87	139.2	32.52	131.0	30.24	126.9	29.12	122.9	28.00	114.7	25.83
	9	7.9	147.4	32.89	139.2	30.69	131.0	28.53	126.9	27.48	122.9	26.44	114.7	24.40
	11	9.8	147.4	30.98	139.2	28.92	131.0	26.91	126.9	25.92	122.9	24.96	114.7	23.05
	13	11.8	147.4	29.06	139.2	27.15	131.0	25.29	126.9	24.37	122.9	23.47	114.7	21.69
	15	13.7	147.4	27.33	139.2	25.56	131.0	23.81	126.9	22.96	122.9	22.12	114.7	20.47
120	-30	-30.2	59.80	27.62	59.40	27.85	59.00	28.09	58.80	28.20	58.50	28.31	58.20	28.54
	-24.8	-25	69.60	29.08	69.10	29.33	68.60	29.59	68.30	29.72	68.20	29.84	67.70	30.09
	-21.8	-22	75.70	29.92	75.20	30.19	74.60	30.46	74.40	30.60	74.10	30.73	73.60	30.99
	-19.8	-20	79.90	30.49	79.40	30.77	78.90	31.05	78.60	31.19	78.30	31.32	77.80	31.60
	-18.8	-19	82.10	30.77	81.60	31.06	81.00	31.35	80.70	31.49	80.50	31.62	79.90	31.90
	-16.7	-17	86.60	31.35	86.10	31.65	85.50	31.95	85.20	32.09	85.00	32.23	84.40	32.51
	-15	-15.9	89.30	31.68	88.80	31.99	88.20	32.29	87.90	32.44	87.60	32.59	87.00	32.87
	-13.7	-15	91.80	31.98	91.10	32.30	90.60	32.60	90.30	32.75	90.00	32.90	89.50	33.19
	-11.8	-13	96.50	32.55	95.90	32.87	95.20	33.18	94.90	33.33	94.60	33.48	94.00	33.78
	-9.8	-11	101.7	33.15	100.9	33.48	100.2	33.80	99.90	33.96	99.60	34.11	98.90	34.42
	-9.5	-10	104.1	33.44	103.4	33.77	102.6	34.09	102.3	34.25	102.0	34.41	101.3	34.72
	-8.5	-9.1	106.5	33.72	105.8	34.05	105.1	34.38	104.7	34.54	104.4	34.70	103.7	35.02
	-7	-7.6	110.7	34.19	110.0	34.52	109.2	34.86	108.9	35.02	108.5	35.19	105.8	34.58
	-5	-5.6	116.4	34.82	115.6	35.17	114.8	35.52	114.5	35.68	113.4	35.52	105.8	32.68
	-3	-3.7	122.2	35.44	121.4	35.80	120.5	36.15	117.1	34.97	113.4	33.62	105.8	30.95
	0	-0.7	131.5	36.44	128.5	35.86	121.0	33.32	117.1	32.07	113.4	30.84	105.8	28.43
	3	2.2	136.0	35.34	128.5	32.97	121.0	30.65	117.1	29.52	113.4	28.40	105.8	26.20
	5	4.1	136.0	33.44	128.5	31.22	121.0	29.05	117.1	27.98	113.4	26.92	105.8	24.86
	7	6	136.0	31.64	128.5	29.54	121.0	27.50	117.1	26.49	113.4	25.50	105.8	23.55
	9	7.9	136.0	29.85	128.5	27.89	121.0	25.97	117.1	25.03	113.4	24.10	105.8	22.26
	11	9.8	136.0	28.14	128.5	26.30	121.0	24.51	117.1	23.63	113.4	22.76	105.8	21.05
	13	11.8	136.0	26.43	128.5	24.72	121.0	23.06	117.1	22.23	113.4	21.42	105.8	19.83

13. ARUM320LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	136.0	24.88	128.5	23.29	121.0	21.74	117.1	20.97	113.4	20.21	105.8	18.72
110	-30	-30.2	59.50	27.77	59.20	28.01	58.70	28.23	58.50	28.35	58.30	28.46	57.90	28.68
	-24.8	-25	69.30	29.28	68.80	29.53	68.30	29.78	68.00	29.91	67.80	30.03	67.30	30.27
	-21.8	-22	75.20	30.16	74.70	30.42	74.20	30.69	73.90	30.82	73.70	30.94	73.30	31.21
	-19.8	-20	79.40	30.74	78.90	31.02	78.40	31.29	78.10	31.43	77.90	31.57	77.30	31.82
	-18.8	-19	81.60	31.04	81.00	31.32	80.50	31.60	80.20	31.74	80.00	31.87	79.50	32.15
	-16.7	-17	86.10	31.65	85.50	31.93	85.00	32.23	84.70	32.37	84.40	32.51	83.80	32.78
	-15	-15.9	88.70	32.00	88.20	32.29	87.60	32.59	87.30	32.73	87.00	32.87	86.40	33.15
	-13.7	-15	91.10	32.30	90.50	32.61	90.00	32.91	89.70	33.07	89.40	33.21	88.90	33.49
	-11.8	-13	95.80	32.90	95.10	33.22	94.50	33.52	94.10	33.67	93.90	33.81	93.30	34.11
	-9.8	-11	100.8	33.53	100.1	33.86	99.40	34.17	99.10	34.32	98.80	34.47	97.00	34.17
	-9.5	-10	103.3	33.83	102.6	34.16	101.8	34.47	101.5	34.63	101.2	34.78	97.00	33.31
	-8.5	-9.1	105.7	34.13	104.9	34.46	104.2	34.77	103.9	34.94	103.6	35.09	97.00	32.49
	-7	-7.6	109.7	34.63	109.0	34.96	108.2	35.29	107.4	35.19	104.0	33.84	97.00	31.17
	-5	-5.6	115.3	35.30	114.6	35.64	110.9	34.56	107.4	33.26	104.0	31.98	97.00	29.48
	-3	-3.7	121.0	35.96	117.8	35.21	110.9	32.72	107.4	31.50	104.0	30.29	97.00	27.94
	0	-0.7	124.8	34.59	117.8	32.28	110.9	30.03	107.4	28.93	104.0	27.83	97.00	25.69
	3	2.2	124.8	31.80	117.8	29.71	110.9	27.66	107.4	26.66	104.0	25.66	97.00	23.71
	5	4.1	124.8	30.12	117.8	28.15	110.9	26.23	107.4	25.29	104.0	24.35	97.00	22.52
	7	6	124.8	28.52	117.8	26.66	110.9	24.84	107.4	23.95	104.0	23.07	97.00	21.34
	9	7.9	124.8	26.93	117.8	25.18	110.9	23.48	107.4	22.64	104.0	21.82	97.00	20.19
	11	9.8	124.8	25.40	117.8	23.78	110.9	22.18	107.4	21.40	104.0	20.63	97.00	19.11
	13	11.8	124.8	23.88	117.8	22.37	110.9	20.89	107.4	20.16	104.0	19.43	97.00	18.02
	15	13.7	124.8	22.51	117.8	21.10	110.9	19.71	107.4	19.03	104.0	18.35	97.00	17.03
100	-30	-30.2	59.20	27.96	58.80	28.18	58.40	28.41	58.20	28.52	58.00	28.63	57.60	28.85
	-24.8	-25	68.80	29.52	68.30	29.77	67.80	30.02	67.60	30.13	67.40	30.25	67.00	30.49
	-21.8	-22	74.70	30.43	74.20	30.69	73.70	30.95	73.40	31.08	73.30	31.21	72.80	31.46
	-19.8	-20	78.90	31.04	78.30	31.32	77.80	31.59	77.60	31.71	77.30	31.85	76.80	32.10
	-18.8	-19	81.00	31.35	80.50	31.63	79.90	31.90	79.70	32.04	79.40	32.17	78.90	32.43
	-16.7	-17	85.40	31.99	84.80	32.28	84.30	32.56	84.00	32.70	83.70	32.83	83.20	33.09
	-15	-15.9	88.00	32.36	87.40	32.65	86.90	32.94	86.60	33.08	86.30	33.22	85.80	33.48
	-13.7	-15	90.40	32.69	89.80	32.99	89.30	33.29	89.00	33.43	88.70	33.57	88.20	33.83
	-11.8	-13	94.90	33.31	94.30	33.61	93.70	33.91	93.30	34.06	93.10	34.20	88.20	32.22
	-9.8	-11	99.90	33.98	99.20	34.30	98.60	34.60	97.60	34.44	94.50	33.12	88.20	30.53
	-9.5	-10	102.3	34.30	101.5	34.61	100.8	34.87	97.60	33.56	94.50	32.28	88.20	29.77
	-8.5	-9.1	104.6	34.61	103.9	34.93	100.8	34.00	97.60	32.74	94.50	31.49	88.20	29.05
	-7	-7.6	108.6	35.14	107.1	35.07	100.8	32.62	97.60	31.41	94.50	30.22	88.20	27.88
	-5	-5.6	113.4	35.52	107.1	33.15	100.8	30.84	97.60	29.71	94.50	28.58	88.20	26.39
	-3	-3.7	113.4	33.62	107.1	31.39	100.8	29.22	97.60	28.15	94.50	27.10	88.20	25.03
	0	-0.7	113.4	30.84	107.1	28.82	100.8	26.85	97.60	25.88	94.50	24.93	88.20	23.04
	3	2.2	113.4	28.40	107.1	26.56	100.8	24.77	97.60	23.89	94.50	23.01	88.20	21.30
	5	4.1	113.4	26.92	107.1	25.20	100.8	23.51	97.60	22.68	94.50	21.86	88.20	20.24
	7	6	113.4	25.50	107.1	23.87	100.8	22.28	97.60	21.49	94.50	20.72	88.20	19.19
	9	7.9	113.4	24.10	107.1	22.57	100.8	21.08	97.60	20.34	94.50	19.61	88.20	18.18
	11	9.8	113.4	22.76	107.1	21.33	100.8	19.94	97.60	19.25	94.50	18.57	88.20	17.22
	13	11.8	113.4	21.42	107.1	20.09	100.8	18.79	97.60	18.15	94.50	17.51	88.20	16.26
	15	13.7	113.4	20.21	107.1	18.96	100.8	17.75	97.60	17.15	94.50	16.55	88.20	15.39

13. ARUM320LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	58.80	28.18	58.40	28.40	58.00	28.62	57.90	28.73	57.60	28.84	57.20	29.05
	-24.8	-25	68.30	29.80	67.80	30.05	67.30	30.28	67.20	30.41	66.90	30.52	66.40	30.75
	-21.8	-22	74.10	30.76	73.60	31.01	73.10	31.27	72.80	31.40	72.60	31.51	72.20	31.76
	-19.8	-20	78.10	31.40	77.60	31.67	77.10	31.93	76.90	32.06	76.60	32.18	76.10	32.43
	-18.8	-19	80.30	31.73	79.70	32.01	79.20	32.26	78.90	32.40	78.70	32.53	78.20	32.78
	-16.7	-17	84.60	32.40	84.00	32.68	83.50	32.95	83.20	33.09	82.90	33.22	79.40	31.74
	-15	-15.9	87.20	32.79	86.60	33.08	86.10	33.36	85.80	33.49	85.00	33.38	79.40	30.79
	-13.7	-15	89.50	33.15	89.00	33.44	88.40	33.73	87.90	33.71	85.00	32.41	79.40	29.87
	-11.8	-13	93.90	33.80	93.30	34.10	90.70	33.31	87.90	32.09	85.00	30.87	79.40	28.49
	-9.8	-11	98.70	34.52	96.30	33.91	90.70	31.56	87.90	30.41	85.00	29.26	79.40	27.02
	-9.5	-10	101.0	34.85	96.30	33.06	90.70	30.77	87.90	29.65	85.00	28.53	79.40	26.36
	-8.5	-9.1	102.1	34.51	96.30	32.24	90.70	30.02	87.90	28.92	85.00	27.85	79.40	25.72
	-7	-7.6	102.1	33.11	96.30	30.93	90.70	28.81	87.90	27.77	85.00	26.74	79.40	24.71
	-5	-5.6	102.1	31.29	96.30	29.26	90.70	27.26	87.90	26.28	85.00	25.32	79.40	23.40
	-3	-3.7	102.1	29.65	96.30	27.74	90.70	25.85	87.90	24.92	85.00	24.01	79.40	22.22
	0	-0.7	102.1	27.24	96.30	25.50	90.70	23.80	87.90	22.95	85.00	22.12	79.40	20.48
	3	2.2	102.1	25.13	96.30	23.54	90.70	21.99	87.90	21.22	85.00	20.46	79.40	18.97
	5	4.1	102.1	23.84	96.30	22.35	90.70	20.89	87.90	20.16	85.00	19.45	79.40	18.04
	7	6	102.1	22.59	96.30	21.18	90.70	19.80	87.90	19.12	85.00	18.45	79.40	17.12
	9	7.9	102.1	21.37	96.30	20.05	90.70	18.76	87.90	18.12	85.00	17.48	79.40	16.24
	11	9.8	102.1	20.22	96.30	18.98	90.70	17.76	87.90	17.16	85.00	16.56	79.40	15.39
	13	11.8	102.1	19.04	96.30	17.89	90.70	16.75	87.90	16.20	85.00	15.64	79.40	14.56
	15	13.7	102.1	17.99	96.30	16.91	90.70	15.85	87.90	15.33	85.00	14.81	79.40	13.79
80	-30	-30.2	58.40	28.45	57.90	28.67	57.60	28.88	57.40	28.98	57.20	29.09	56.80	29.29
	-24.8	-25	67.60	30.14	67.20	30.39	66.70	30.63	66.50	30.74	66.20	30.85	65.90	31.08
	-21.8	-22	73.30	31.16	72.80	31.41	72.30	31.65	72.10	31.77	71.90	31.90	70.60	31.58
	-19.8	-20	77.30	31.84	76.80	32.10	76.30	32.35	76.00	32.48	75.50	32.46	70.60	29.97
	-18.8	-19	79.40	32.20	78.90	32.45	78.40	32.71	78.10	32.84	75.50	31.63	70.60	29.21
	-16.7	-17	83.60	32.90	83.00	33.17	80.60	32.33	78.10	31.16	75.50	30.00	70.60	27.72
	-15	-15.9	86.10	33.32	85.60	33.59	80.60	31.36	78.10	30.22	75.50	29.10	70.60	26.88
	-13.7	-15	88.40	33.71	85.60	32.70	80.60	30.43	78.10	29.31	75.50	28.20	70.60	26.04
	-11.8	-13	90.70	33.31	85.60	31.14	80.60	29.01	78.10	27.96	75.50	26.93	70.60	24.87
	-9.8	-11	90.70	31.56	85.60	29.51	80.60	27.52	78.10	26.53	75.50	25.55	70.60	23.65
	-9.5	-10	90.70	30.77	85.60	28.78	80.60	26.84	78.10	25.88	75.50	24.93	70.60	23.07
	-8.5	-9.1	90.70	30.02	85.60	28.08	80.60	26.19	78.10	25.26	75.50	24.34	70.60	22.52
	-7	-7.6	90.70	28.81	85.60	26.96	80.60	25.15	78.10	24.27	75.50	23.38	70.60	21.64
	-5	-5.6	90.70	27.26	85.60	25.52	80.60	23.82	78.10	22.99	75.50	22.16	70.60	20.52
	-3	-3.7	90.70	25.85	85.60	24.21	80.60	22.61	78.10	21.82	75.50	21.05	70.60	19.51
	0	-0.7	90.70	23.80	85.60	22.31	80.60	20.84	78.10	20.13	75.50	19.42	70.60	18.02
	3	2.2	90.70	21.99	85.60	20.62	80.60	19.30	78.10	18.64	75.50	17.99	70.60	16.71
	5	4.1	90.70	20.89	85.60	19.61	80.60	18.35	78.10	17.73	75.50	17.12	70.60	15.91
	7	6	90.70	19.80	85.60	18.59	80.60	17.41	78.10	16.83	75.50	16.25	70.60	15.11
	9	7.9	90.70	18.76	85.60	17.62	80.60	16.52	78.10	15.97	75.50	15.42	70.60	14.35
	11	9.8	90.70	17.76	85.60	16.69	80.60	15.65	78.10	15.14	75.50	14.62	70.60	13.62
	13	11.8	90.70	16.75	85.60	15.76	80.60	14.79	78.10	14.31	75.50	13.84	70.60	12.90
	15	13.7	90.70	15.85	85.60	14.92	80.60	14.01	78.10	13.56	75.50	13.12	70.60	12.23
70	-30	-30.2	57.70	28.79	57.40	29.00	56.90	29.20	56.80	29.31	56.60	29.42	56.30	29.61

13. ARUM320LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	66.70	30.58	66.40	30.82	65.90	31.04	65.70	31.15	65.50	31.26	61.70	29.30
	-21.8	-22	72.30	31.66	71.80	31.90	70.60	31.58	68.30	30.44	66.10	29.32	61.70	27.12
	-19.8	-20	76.30	32.39	75.00	32.15	70.60	29.97	68.30	28.90	66.10	27.84	61.70	25.76
	-18.8	-19	78.20	32.76	75.00	31.31	70.60	29.21	68.30	28.17	66.10	27.14	61.70	25.11
	-16.7	-17	79.40	31.75	75.00	29.71	70.60	27.72	68.30	26.74	66.10	25.76	61.70	23.85
	-15	-15.9	79.40	30.79	75.00	28.82	70.60	26.88	68.30	25.92	66.10	24.96	61.70	23.09
	-13.7	-15	79.40	29.87	75.00	27.93	70.60	26.04	68.30	25.11	66.10	24.18	61.70	22.37
	-11.8	-13	79.40	28.49	75.00	26.66	70.60	24.87	68.30	23.97	66.10	23.10	61.70	21.37
	-9.8	-11	79.40	27.02	75.00	25.32	70.60	23.65	68.30	22.81	66.10	22.00	61.70	20.37
	-9.5	-10	79.40	26.36	75.00	24.70	70.60	23.07	68.30	22.27	66.10	21.47	61.70	19.91
	-8.5	-9.1	79.40	25.72	75.00	24.11	70.60	22.52	68.30	21.74	66.10	20.97	61.70	19.44
	-7	-7.6	79.40	24.71	75.00	23.17	70.60	21.64	68.30	20.90	66.10	20.16	61.70	18.70
	-5	-5.6	79.40	23.40	75.00	21.95	70.60	20.53	68.30	19.83	66.10	19.13	61.70	17.76
	-3	-3.7	79.40	22.22	75.00	20.85	70.60	19.51	68.30	18.85	66.10	18.19	61.70	16.89
	0	-0.7	79.40	20.48	75.00	19.24	70.60	18.02	68.30	17.42	66.10	16.82	61.70	15.63
	3	2.2	79.40	18.97	75.00	17.83	70.60	16.71	68.30	16.16	66.10	15.61	61.70	14.53
	5	4.1	79.40	18.04	75.00	16.96	70.60	15.91	68.30	15.38	66.10	14.86	61.70	13.84
	7	6	79.40	17.12	75.00	16.11	70.60	15.11	68.30	14.62	66.10	14.12	61.70	13.17
	9	7.9	79.40	16.24	75.00	15.28	70.60	14.35	68.30	13.89	66.10	13.43	61.70	12.52
	11	9.8	79.40	15.39	75.00	14.50	70.60	13.62	68.30	13.19	66.10	12.76	61.70	11.91
	13	11.8	79.40	14.56	75.00	13.71	70.60	12.90	68.30	12.49	66.10	12.09	61.70	11.29
	15	13.7	79.40	13.79	75.00	13.01	70.60	12.23	68.30	11.85	66.10	11.48	61.70	10.73
60	-30	-30.2	56.90	29.23	56.60	29.43	56.20	29.62	56.00	29.73	55.80	29.83	52.90	28.16
	-24.8	-25	65.70	31.14	64.30	30.66	60.50	28.62	58.60	27.62	56.70	26.62	52.90	24.65
	-21.8	-22	68.00	30.28	64.30	28.37	60.50	26.50	58.60	25.57	56.70	24.66	52.90	22.84
	-19.8	-20	68.00	28.75	64.30	26.95	60.50	25.17	58.60	24.30	56.70	23.43	52.90	21.72
	-18.8	-19	68.00	28.02	64.30	26.26	60.50	24.54	58.60	23.69	56.70	22.85	52.90	21.18
	-16.7	-17	68.00	26.60	64.30	24.94	60.50	23.30	58.60	22.50	56.70	21.71	52.90	20.13
	-15	-15.9	68.00	25.78	64.30	24.16	60.50	22.56	58.60	21.78	56.70	21.00	52.90	19.46
	-13.7	-15	68.00	24.98	64.30	23.41	60.50	21.87	58.60	21.11	56.70	20.36	52.90	18.88
	-11.8	-13	68.00	23.85	64.30	22.35	60.50	20.89	58.60	20.16	56.70	19.45	52.90	18.04
	-9.8	-11	68.00	22.70	64.30	21.30	60.50	19.91	58.60	19.22	56.70	18.54	52.90	17.20
	-9.5	-10	68.00	22.15	64.30	20.80	60.50	19.47	58.60	18.81	56.70	18.16	52.90	16.88
	-8.5	-9.1	68.00	21.63	64.30	20.31	60.50	19.02	58.60	18.37	56.70	17.74	52.90	16.49
	-7	-7.6	68.00	20.79	64.30	19.53	60.50	18.29	58.60	17.68	56.70	17.08	52.90	15.88
	-5	-5.6	68.00	19.72	64.30	18.54	60.50	17.38	58.60	16.80	56.70	16.23	52.90	15.10
	-3	-3.7	68.00	18.76	64.30	17.63	60.50	16.53	58.60	15.99	56.70	15.45	52.90	14.38
	0	-0.7	68.00	17.33	64.30	16.31	60.50	15.30	58.60	14.80	56.70	14.31	52.90	13.34
	3	2.2	68.00	16.08	64.30	15.14	60.50	14.22	58.60	13.77	56.70	13.32	52.90	12.43
	5	4.1	68.00	15.31	64.30	14.42	60.50	13.56	58.60	13.12	56.70	12.70	52.90	11.85
	7	6	68.00	14.55	64.30	13.71	60.50	12.90	58.60	12.49	56.70	12.09	52.90	11.29
	9	7.9	68.00	13.82	64.30	13.04	60.50	12.27	58.60	11.89	56.70	11.51	52.90	10.76
	11	9.8	68.00	13.13	64.30	12.40	60.50	11.67	58.60	11.31	56.70	10.96	52.90	10.26
	13	11.8	68.00	12.43	64.30	11.74	60.50	11.07	58.60	10.73	56.70	10.40	52.90	9.74
	15	13.7	68.00	11.80	64.30	11.15	60.50	10.52	58.60	10.21	56.70	9.90	52.90	9.28
50	-30	-30.2	55.80	29.81	53.60	28.54	50.40	26.68	48.80	25.76	47.20	24.84	44.10	23.04
	-24.8	-25	56.70	26.62	53.60	24.98	50.40	23.37	48.80	22.57	47.20	21.78	44.10	20.22

13. ARUM320LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	56.70	24.66	53.60	23.14	50.40	21.66	48.80	20.93	47.20	20.21	44.10	18.77
	-19.8	-20	56.70	23.43	53.60	22.00	50.40	20.60	48.80	19.91	47.20	19.22	44.10	17.86
	-18.8	-19	56.70	22.85	53.60	21.46	50.40	20.09	48.80	19.42	47.20	18.75	44.10	17.43
	-16.7	-17	56.70	21.71	53.60	20.40	50.40	19.11	48.80	18.47	47.20	17.84	44.10	16.59
	-15	-15.9	56.70	21.00	53.60	19.72	50.40	18.47	48.80	17.84	47.20	17.23	44.10	16.02
	-13.7	-15	56.70	20.36	53.60	19.11	50.40	17.90	48.80	17.30	47.20	16.71	44.10	15.53
	-11.8	-13	56.70	19.45	53.60	18.27	50.40	17.11	48.80	16.55	47.20	15.98	44.10	14.87
	-9.8	-11	56.70	18.54	53.60	17.42	50.40	16.33	48.80	15.79	47.20	15.24	44.10	14.19
	-9.5	-10	56.70	18.16	53.60	17.09	50.40	16.03	48.80	15.51	47.20	15.00	44.10	13.98
	-8.5	-9.1	56.70	17.74	53.60	16.70	50.40	15.67	48.80	15.17	47.20	14.66	44.10	13.66
	-7	-7.6	56.70	17.08	53.60	16.08	50.40	15.09	48.80	14.60	47.20	14.13	44.10	13.18
	-5	-5.6	56.70	16.23	53.60	15.29	50.40	14.35	48.80	13.90	47.20	13.44	44.10	12.55
	-3	-3.7	56.70	15.45	53.60	14.57	50.40	13.69	48.80	13.25	47.20	12.83	44.10	11.98
	0	-0.7	56.70	14.32	53.60	13.50	50.40	12.70	48.80	12.31	47.20	11.92	44.10	11.14
	3	2.2	56.70	13.32	53.60	12.58	50.40	11.84	48.80	11.48	47.20	11.12	44.10	10.41
	5	4.1	56.70	12.70	53.60	11.99	50.40	11.30	48.80	10.96	47.20	10.62	44.10	9.95
	7	6	56.70	12.09	53.60	11.43	50.40	10.77	48.80	10.45	47.20	10.13	44.10	9.50
	9	7.9	56.70	11.51	53.60	10.89	50.40	10.27	48.80	9.96	47.20	9.67	44.10	9.07
	11	9.8	56.70	10.96	53.60	10.37	50.40	9.79	48.80	9.51	47.20	9.23	44.10	8.67
	13	11.8	56.70	10.40	53.60	9.85	50.40	9.31	48.80	9.04	47.20	8.78	44.10	8.25
	15	13.7	56.70	9.90	53.60	9.38	50.40	8.87	48.80	8.62	47.20	8.37	44.10	7.87

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

13. ARUM320LTE6

13.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	60.10	27.49	59.70	27.73	59.20	27.96	59.00	28.07	58.80	28.19	58.40	28.42
	-24.8	-25	69.90	28.90	69.40	29.17	69.00	29.42	68.70	29.55	68.50	29.69	68.00	29.94
	-21.8	-22	76.00	29.72	75.50	30.00	75.00	30.27	74.70	30.41	74.50	30.54	73.90	30.80
	-19.8	-20	80.40	30.27	79.80	30.55	79.20	30.84	78.90	30.98	78.70	31.12	78.20	31.40
	-18.8	-19	82.60	30.54	82.00	30.83	81.50	31.13	81.20	31.27	80.80	31.41	80.30	31.68
	-16.7	-17	87.10	31.10	86.60	31.40	86.00	31.70	85.70	31.85	85.40	31.99	84.80	32.28
	-15	-15.9	90.00	31.42	89.30	31.73	88.70	32.04	88.40	32.18	88.10	32.34	87.50	32.62
	-13.7	-15	92.30	31.70	91.60	32.02	91.10	32.33	90.80	32.49	90.50	32.64	90.00	32.94
	-11.8	-13	97.10	32.25	96.40	32.57	95.80	32.89	95.40	33.05	95.10	33.20	94.50	33.51
	-9.8	-11	102.3	32.82	101.5	33.15	100.9	33.48	100.6	33.64	100.2	33.80	99.60	34.11
	-9.5	-10	104.8	33.09	104.1	33.42	103.4	33.76	103.1	33.92	102.7	34.09	102.0	34.41
	-8.5	-9.1	107.3	33.36	106.5	33.70	105.8	34.03	105.5	34.20	105.2	34.36	104.4	34.69
	-7	-7.6	111.5	33.80	110.8	34.15	110.0	34.50	109.7	34.66	109.2	34.83	108.5	35.16
	-5	-5.6	117.4	34.41	116.6	34.77	115.8	35.11	115.4	35.29	115.0	35.46	114.2	35.80
	-3	-3.7	123.2	34.99	122.4	35.36	121.5	35.72	121.1	35.90	120.7	36.08	114.7	34.06
	0	-0.7	132.8	35.94	131.8	36.32	130.9	36.68	126.9	35.33	122.9	33.95	114.7	31.25
	3	2.2	142.4	36.86	139.2	36.34	131.0	33.75	126.9	32.48	122.9	31.22	114.7	28.77
	5	4.1	139.5	33.72	131.2	31.31	123.0	28.97	118.9	27.82	114.7	26.68	106.4	24.45
	7	6	131.4	28.96	123.1	26.77	114.7	24.65	110.5	23.60	106.3	22.57	97.90	20.55
	9	7.9	123.0	24.58	114.6	22.63	106.1	20.72	101.9	19.79	97.60	18.87	89.10	17.05
	11	9.8	114.4	20.66	105.9	18.93	97.30	17.24	93.00	16.41	88.70	15.58	80.00	13.97
	13	11.8	105.4	17.12	96.80	15.59	88.20	14.11	83.80	13.37	79.50	12.65	70.60	11.23
	15	13.7	96.10	14.04	87.50	12.71	78.70	11.40	74.30	10.76	69.90	10.14	60.90	8.89
120	-30	-30.2	59.80	27.62	59.40	27.85	59.00	28.09	58.80	28.20	58.50	28.31	58.20	28.54
	-24.8	-25	69.60	29.08	69.10	29.33	68.60	29.59	68.30	29.72	68.20	29.84	67.70	30.09
	-21.8	-22	75.70	29.92	75.20	30.19	74.60	30.46	74.40	30.60	74.10	30.73	73.60	30.99
	-19.8	-20	79.90	30.49	79.40	30.77	78.90	31.05	78.60	31.19	78.30	31.32	77.80	31.60
	-18.8	-19	82.10	30.77	81.60	31.06	81.00	31.35	80.70	31.49	80.50	31.62	79.90	31.90
	-16.7	-17	86.60	31.35	86.10	31.65	85.50	31.95	85.20	32.09	85.00	32.23	84.40	32.51
	-15	-15.9	89.30	31.68	88.80	31.99	88.20	32.29	87.90	32.44	87.60	32.59	87.00	32.87
	-13.7	-15	91.80	31.98	91.10	32.30	90.60	32.60	90.30	32.75	90.00	32.90	89.50	33.19
	-11.8	-13	96.50	32.55	95.90	32.87	95.20	33.18	94.90	33.33	94.60	33.48	94.00	33.78
	-9.8	-11	101.7	33.15	100.9	33.48	100.2	33.80	99.90	33.96	99.60	34.11	98.90	34.42
	-9.5	-10	104.1	33.44	103.4	33.77	102.6	34.09	102.3	34.25	102.0	34.41	101.3	34.72
	-8.5	-9.1	106.5	33.72	105.8	34.05	105.1	34.38	104.7	34.54	104.4	34.70	103.7	35.02
	-7	-7.6	110.7	34.19	110.0	34.52	109.2	34.86	108.9	35.02	108.5	35.19	105.8	34.58
	-5	-5.6	116.4	34.82	115.6	35.17	114.8	35.52	114.5	35.68	113.4	35.52	105.8	32.68
	-3	-3.7	122.2	35.44	121.4	35.80	120.5	36.15	117.1	34.97	113.4	33.62	105.8	30.95
	0	-0.7	131.5	36.44	128.5	35.86	121.0	33.32	117.1	32.07	113.4	30.84	105.8	28.43
	3	2.2	136.0	35.34	128.5	32.97	121.0	30.65	117.1	29.52	113.4	28.40	105.8	26.20
	5	4.1	128.8	30.61	121.1	28.46	113.6	26.36	109.7	25.33	105.9	24.31	98.20	22.32
	7	6	121.3	26.32	113.6	24.37	105.9	22.47	102.1	21.53	98.10	20.61	90.40	18.79
	9	7.9	113.6	22.39	105.8	20.64	97.90	18.94	94.10	18.10	90.10	17.27	82.20	15.64
	11	9.8	105.6	18.87	97.70	17.32	89.80	15.80	85.90	15.05	81.90	14.31	73.90	12.85
	13	11.8	97.30	15.67	89.40	14.31	81.40	12.97	77.40	12.31	73.30	11.65	65.10	10.37

13. ARUM320LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	88.80	12.90	80.80	11.70	72.60	10.53	68.60	9.95	64.50	9.39	56.20	8.25
110	-30	-30.2	59.50	27.77	59.20	28.01	58.70	28.23	58.50	28.35	58.30	28.46	57.90	28.68
	-24.8	-25	69.30	29.28	68.80	29.53	68.30	29.78	68.00	29.91	67.80	30.03	67.30	30.27
	-21.8	-22	75.20	30.16	74.70	30.42	74.20	30.69	73.90	30.82	73.70	30.94	73.30	31.21
	-19.8	-20	79.40	30.74	78.90	31.02	78.40	31.29	78.10	31.43	77.90	31.57	77.30	31.82
	-18.8	-19	81.60	31.04	81.00	31.32	80.50	31.60	80.20	31.74	80.00	31.87	79.50	32.15
	-16.7	-17	86.10	31.65	85.50	31.93	85.00	32.23	84.70	32.37	84.40	32.51	83.80	32.78
	-15	-15.9	88.70	32.00	88.20	32.29	87.60	32.59	87.30	32.73	87.00	32.87	86.40	33.15
	-13.7	-15	91.10	32.30	90.50	32.61	90.00	32.91	89.70	33.07	89.40	33.21	88.90	33.49
	-11.8	-13	95.80	32.90	95.10	33.22	94.50	33.52	94.10	33.67	93.90	33.81	93.30	34.11
	-9.8	-11	100.8	33.53	100.1	33.86	99.40	34.17	99.10	34.32	98.80	34.47	97.00	34.17
	-9.5	-10	103.3	33.83	102.6	34.16	101.8	34.47	101.5	34.63	101.2	34.78	97.00	33.31
	-8.5	-9.1	105.7	34.13	104.9	34.46	104.2	34.77	103.9	34.94	103.6	35.09	97.00	32.49
	-7	-7.6	109.7	34.63	109.0	34.96	108.2	35.29	107.4	35.19	104.0	33.84	97.00	31.17
	-5	-5.6	115.3	35.30	114.6	35.64	110.9	34.56	107.4	33.26	104.0	31.98	97.00	29.48
	-3	-3.7	121.0	35.96	117.8	35.21	110.9	32.72	107.4	31.50	104.0	30.29	97.00	27.94
	0	-0.7	124.8	34.59	117.8	32.28	110.9	30.03	107.4	28.93	104.0	27.83	97.00	25.69
	3	2.2	124.8	31.80	117.8	29.71	110.9	27.66	107.4	26.66	104.0	25.66	97.00	23.71
	5	4.1	118.1	27.60	111.1	25.70	104.0	23.84	100.6	22.93	97.10	22.02	90.10	20.24
	7	6	111.2	23.77	104.2	22.04	97.10	20.35	93.50	19.53	89.90	18.70	82.90	17.09
	9	7.9	104.1	20.27	97.00	18.72	89.80	17.21	86.20	16.46	82.60	15.72	75.40	14.26
	11	9.8	96.80	17.13	89.60	15.75	82.40	14.39	78.70	13.73	75.00	13.07	67.70	11.76
	13	11.8	89.10	14.28	81.90	13.06	74.60	11.87	70.90	11.28	67.20	10.70	59.80	9.54
	15	13.7	81.30	11.79	73.90	10.73	66.60	9.67	62.90	9.16	59.10	8.64	51.50	7.64
100	-30	-30.2	59.20	27.96	58.80	28.18	58.40	28.41	58.20	28.52	58.00	28.63	57.60	28.85
	-24.8	-25	68.80	29.52	68.30	29.77	67.80	30.02	67.60	30.13	67.40	30.25	67.00	30.49
	-21.8	-22	74.70	30.43	74.20	30.69	73.70	30.95	73.40	31.08	73.30	31.21	72.80	31.46
	-19.8	-20	78.90	31.04	78.30	31.32	77.80	31.59	77.60	31.71	77.30	31.85	76.80	32.10
	-18.8	-19	81.00	31.35	80.50	31.63	79.90	31.90	79.70	32.04	79.40	32.17	78.90	32.43
	-16.7	-17	85.40	31.99	84.80	32.28	84.30	32.56	84.00	32.70	83.70	32.83	83.20	33.09
	-15	-15.9	88.00	32.36	87.40	32.65	86.90	32.94	86.60	33.08	86.30	33.22	85.80	33.48
	-13.7	-15	90.40	32.69	89.80	32.99	89.30	33.29	89.00	33.43	88.70	33.57	88.20	33.83
	-11.8	-13	94.90	33.31	94.30	33.61	93.70	33.91	93.30	34.06	93.10	34.20	88.20	32.22
	-9.8	-11	99.90	33.98	99.20	34.30	98.60	34.60	97.60	34.44	94.50	33.12	88.20	30.53
	-9.5	-10	102.3	34.30	101.5	34.61	100.8	34.87	97.60	33.56	94.50	32.28	88.20	29.77
	-8.5	-9.1	104.6	34.61	103.9	34.93	100.8	34.00	97.60	32.74	94.50	31.49	88.20	29.05
	-7	-7.6	108.6	35.14	107.1	35.07	100.8	32.62	97.60	31.41	94.50	30.22	88.20	27.88
	-5	-5.6	113.4	35.52	107.1	33.15	100.8	30.84	97.60	29.71	94.50	28.58	88.20	26.39
	-3	-3.7	113.4	33.62	107.1	31.39	100.8	29.22	97.60	28.15	94.50	27.10	88.20	25.03
	0	-0.7	113.4	30.84	107.1	28.82	100.8	26.85	97.60	25.88	94.50	24.93	88.20	23.04
	3	2.2	113.4	28.40	107.1	26.56	100.8	24.77	97.60	23.89	94.50	23.01	88.20	21.30
	5	4.1	107.3	24.70	101.0	23.04	94.60	21.40	91.40	20.60	88.20	19.80	81.80	18.23
	7	6	101.1	21.31	94.70	19.80	88.20	18.31	85.00	17.58	81.80	16.85	75.30	15.43
	9	7.9	94.70	18.23	88.20	16.86	81.60	15.52	78.40	14.86	75.10	14.21	68.50	12.93
	11	9.8	88.00	15.44	81.40	14.23	74.90	13.03	71.50	12.45	68.20	11.86	61.60	10.71
	13	11.8	81.10	12.92	74.50	11.84	67.80	10.79	64.50	10.26	61.10	9.75	54.40	8.73
	15	13.7	73.90	10.72	67.20	9.77	60.50	8.84	57.10	8.39	53.70	7.93	46.90	7.04

13. ARUM320LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	58.80	28.18	58.40	28.40	58.00	28.62	57.90	28.73	57.60	28.84	57.20	29.05
	-24.8	-25	68.30	29.80	67.80	30.05	67.30	30.28	67.20	30.41	66.90	30.52	66.40	30.75
	-21.8	-22	74.10	30.76	73.60	31.01	73.10	31.27	72.80	31.40	72.60	31.51	72.20	31.76
	-19.8	-20	78.10	31.40	77.60	31.67	77.10	31.93	76.90	32.06	76.60	32.18	76.10	32.43
	-18.8	-19	80.30	31.73	79.70	32.01	79.20	32.26	78.90	32.40	78.70	32.53	78.20	32.78
	-16.7	-17	84.60	32.40	84.00	32.68	83.50	32.95	83.20	33.09	82.90	33.22	79.40	31.74
	-15	-15.9	87.20	32.79	86.60	33.08	86.10	33.36	85.80	33.49	85.00	33.38	79.40	30.79
	-13.7	-15	89.50	33.15	89.00	33.44	88.40	33.73	87.90	33.71	85.00	32.41	79.40	29.87
	-11.8	-13	93.90	33.80	93.30	34.10	90.70	33.31	87.90	32.09	85.00	30.87	79.40	28.49
	-9.8	-11	98.70	34.52	96.30	33.91	90.70	31.56	87.90	30.41	85.00	29.26	79.40	27.02
	-9.5	-10	101.0	34.85	96.30	33.06	90.70	30.77	87.90	29.65	85.00	28.53	79.40	26.36
	-8.5	-9.1	102.1	34.51	96.30	32.24	90.70	30.02	87.90	28.92	85.00	27.85	79.40	25.72
	-7	-7.6	102.1	33.11	96.30	30.93	90.70	28.81	87.90	27.77	85.00	26.74	79.40	24.71
	-5	-5.6	102.1	31.29	96.30	29.26	90.70	27.26	87.90	26.28	85.00	25.32	79.40	23.40
	-3	-3.7	102.1	29.65	96.30	27.74	90.70	25.85	87.90	24.92	85.00	24.01	79.40	22.22
	0	-0.7	102.1	27.24	96.30	25.50	90.70	23.80	87.90	22.95	85.00	22.12	79.40	20.48
	3	2.2	102.1	25.13	96.30	23.54	90.70	21.99	87.90	21.22	85.00	20.46	79.40	18.97
	5	4.1	96.60	21.91	90.90	20.46	85.10	19.04	82.30	18.34	79.40	17.65	73.60	16.27
	7	6	91.00	18.94	85.30	17.62	79.40	16.33	76.50	15.69	73.60	15.06	67.80	13.82
	9	7.9	85.10	16.24	79.40	15.06	73.50	13.89	70.60	13.32	67.70	12.75	61.70	11.62
	11	9.8	79.20	13.81	73.30	12.75	67.40	11.71	64.30	11.20	61.40	10.68	55.40	9.68
	13	11.8	73.00	11.60	67.00	10.67	61.10	9.73	58.10	9.28	55.00	8.83	48.90	7.94
	15	13.7	66.60	9.67	60.50	8.84	54.50	8.03	51.40	7.63	48.30	7.23	42.10	6.45
80	-30	-30.2	58.40	28.45	57.90	28.67	57.60	28.88	57.40	28.98	57.20	29.09	56.80	29.29
	-24.8	-25	67.60	30.14	67.20	30.39	66.70	30.63	66.50	30.74	66.20	30.85	65.90	31.08
	-21.8	-22	73.30	31.16	72.80	31.41	72.30	31.65	72.10	31.77	71.90	31.90	70.60	31.58
	-19.8	-20	77.30	31.84	76.80	32.10	76.30	32.35	76.00	32.48	75.50	32.46	70.60	29.97
	-18.8	-19	79.40	32.20	78.90	32.45	78.40	32.71	78.10	32.84	75.50	31.63	70.60	29.21
	-16.7	-17	83.60	32.90	83.00	33.17	80.60	32.33	78.10	31.16	75.50	30.00	70.60	27.72
	-15	-15.9	86.10	33.32	85.60	33.59	80.60	31.36	78.10	30.22	75.50	29.10	70.60	26.88
	-13.7	-15	88.40	33.71	85.60	32.70	80.60	30.43	78.10	29.31	75.50	28.20	70.60	26.04
	-11.8	-13	90.70	33.31	85.60	31.14	80.60	29.01	78.10	27.96	75.50	26.93	70.60	24.87
	-9.8	-11	90.70	31.56	85.60	29.51	80.60	27.52	78.10	26.53	75.50	25.55	70.60	23.65
	-9.5	-10	90.70	30.77	85.60	28.78	80.60	26.84	78.10	25.88	75.50	24.93	70.60	23.07
	-8.5	-9.1	90.70	30.02	85.60	28.08	80.60	26.19	78.10	25.26	75.50	24.34	70.60	22.52
	-7	-7.6	90.70	28.81	85.60	26.96	80.60	25.15	78.10	24.27	75.50	23.38	70.60	21.64
	-5	-5.6	90.70	27.26	85.60	25.52	80.60	23.82	78.10	22.99	75.50	22.16	70.60	20.52
	-3	-3.7	90.70	25.85	85.60	24.21	80.60	22.61	78.10	21.82	75.50	21.05	70.60	19.51
	0	-0.7	90.70	23.80	85.60	22.31	80.60	20.84	78.10	20.13	75.50	19.42	70.60	18.02
	3	2.2	90.70	21.99	85.60	20.62	80.60	19.30	78.10	18.64	75.50	17.99	70.60	16.71
	5	4.1	85.90	19.22	80.80	17.98	75.70	16.76	73.10	16.16	70.60	15.55	65.50	14.38
	7	6	80.80	16.66	75.70	15.53	70.60	14.42	68.00	13.87	65.40	13.33	60.20	12.26
	9	7.9	75.70	14.33	70.50	13.31	65.30	12.31	62.70	11.82	60.10	11.33	54.90	10.36
	11	9.8	70.40	12.23	65.10	11.32	59.90	10.43	57.30	9.98	54.60	9.54	49.30	8.67
	13	11.8	64.80	10.33	59.50	9.51	54.20	8.72	51.50	8.33	48.90	7.94	43.50	7.16
	15	13.7	59.20	8.66	53.80	7.94	48.50	7.24	45.70	6.90	43.00	6.54	37.50	5.86
70	-30	-30.2	57.70	28.79	57.40	29.00	56.90	29.20	56.80	29.31	56.60	29.42	56.30	29.61

13. ARUM320LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	66.70	30.58	66.40	30.82	65.90	31.04	65.70	31.15	65.50	31.26	61.70	29.30
	-21.8	-22	72.30	31.66	71.80	31.90	70.60	31.58	68.30	30.44	66.10	29.32	61.70	27.12
	-19.8	-20	76.30	32.39	75.00	32.15	70.60	29.97	68.30	28.90	66.10	27.84	61.70	25.76
	-18.8	-19	78.20	32.76	75.00	31.31	70.60	29.21	68.30	28.17	66.10	27.14	61.70	25.11
	-16.7	-17	79.40	31.75	75.00	29.71	70.60	27.72	68.30	26.74	66.10	25.76	61.70	23.85
	-15	-15.9	79.40	30.79	75.00	28.82	70.60	26.88	68.30	25.92	66.10	24.96	61.70	23.09
	-13.7	-15	79.40	29.87	75.00	27.93	70.60	26.04	68.30	25.11	66.10	24.18	61.70	22.37
	-11.8	-13	79.40	28.49	75.00	26.66	70.60	24.87	68.30	23.97	66.10	23.10	61.70	21.37
	-9.8	-11	79.40	27.02	75.00	25.32	70.60	23.65	68.30	22.81	66.10	22.00	61.70	20.37
	-9.5	-10	79.40	26.36	75.00	24.70	70.60	23.07	68.30	22.27	66.10	21.47	61.70	19.91
	-8.5	-9.1	79.40	25.72	75.00	24.11	70.60	22.52	68.30	21.74	66.10	20.97	61.70	19.44
	-7	-7.6	79.40	24.71	75.00	23.17	70.60	21.64	68.30	20.90	66.10	20.16	61.70	18.70
	-5	-5.6	79.40	23.40	75.00	21.95	70.60	20.53	68.30	19.83	66.10	19.13	61.70	17.76
	-3	-3.7	79.40	22.22	75.00	20.85	70.60	19.51	68.30	18.85	66.10	18.19	61.70	16.89
	0	-0.7	79.40	20.48	75.00	19.24	70.60	18.02	68.30	17.42	66.10	16.82	61.70	15.63
	3	2.2	79.40	18.97	75.00	17.83	70.60	16.71	68.30	16.16	66.10	15.61	61.70	14.53
	5	4.1	75.20	16.63	70.70	15.58	66.20	14.55	64.00	14.04	61.80	13.54	57.30	12.54
	7	6	70.70	14.45	66.30	13.51	61.80	12.57	59.50	12.11	57.30	11.65	52.70	10.75
	9	7.9	66.20	12.49	61.70	11.63	57.10	10.79	54.90	10.37	52.60	9.95	48.00	9.14
	11	9.8	61.60	10.71	57.00	9.95	52.50	9.18	50.10	8.81	47.80	8.44	43.10	7.69
	13	11.8	56.80	9.09	52.20	8.41	47.50	7.74	45.10	7.40	42.70	7.07	38.10	6.41
	15	13.7	51.80	7.67	47.10	7.07	42.40	6.47	40.00	6.17	37.60	5.89	32.80	5.30
60	-30	-30.2	56.90	29.23	56.60	29.43	56.20	29.62	56.00	29.73	55.80	29.83	52.90	28.16
	-24.8	-25	65.70	31.14	64.30	30.66	60.50	28.62	58.60	27.62	56.70	26.62	52.90	24.65
	-21.8	-22	68.00	30.28	64.30	28.37	60.50	26.50	58.60	25.57	56.70	24.66	52.90	22.84
	-19.8	-20	68.00	28.75	64.30	26.95	60.50	25.17	58.60	24.30	56.70	23.43	52.90	21.72
	-18.8	-19	68.00	28.02	64.30	26.26	60.50	24.54	58.60	23.69	56.70	22.85	52.90	21.18
	-16.7	-17	68.00	26.60	64.30	24.94	60.50	23.30	58.60	22.50	56.70	21.71	52.90	20.13
	-15	-15.9	68.00	25.78	64.30	24.16	60.50	22.56	58.60	21.78	56.70	21.00	52.90	19.46
	-13.7	-15	68.00	24.98	64.30	23.41	60.50	21.87	58.60	21.11	56.70	20.36	52.90	18.88
	-11.8	-13	68.00	23.85	64.30	22.35	60.50	20.89	58.60	20.16	56.70	19.45	52.90	18.04
	-9.8	-11	68.00	22.70	64.30	21.30	60.50	19.91	58.60	19.22	56.70	18.54	52.90	17.20
	-9.5	-10	68.00	22.15	64.30	20.80	60.50	19.47	58.60	18.81	56.70	18.16	52.90	16.88
	-8.5	-9.1	68.00	21.63	64.30	20.31	60.50	19.02	58.60	18.37	56.70	17.74	52.90	16.49
	-7	-7.6	68.00	20.79	64.30	19.53	60.50	18.29	58.60	17.68	56.70	17.08	52.90	15.88
	-5	-5.6	68.00	19.72	64.30	18.54	60.50	17.38	58.60	16.80	56.70	16.23	52.90	15.10
	-3	-3.7	68.00	18.76	64.30	17.63	60.50	16.53	58.60	15.99	56.70	15.45	52.90	14.38
	0	-0.7	68.00	17.33	64.30	16.31	60.50	15.30	58.60	14.80	56.70	14.31	52.90	13.34
	3	2.2	68.00	16.08	64.30	15.14	60.50	14.22	58.60	13.77	56.70	13.32	52.90	12.43
	5	4.1	64.30	14.14	60.60	13.28	56.80	12.43	54.90	12.01	53.00	11.60	49.10	10.78
	7	6	60.60	12.34	56.80	11.56	53.00	10.79	51.00	10.42	49.10	10.04	45.10	9.29
	9	7.9	56.80	10.72	52.90	10.01	49.00	9.31	47.00	8.97	45.10	8.62	41.10	7.95
	11	9.8	52.80	9.25	48.80	8.61	44.90	7.98	42.90	7.67	41.00	7.36	37.00	6.75
	13	11.8	48.60	7.91	44.70	7.33	40.70	6.77	38.70	6.49	36.70	6.23	32.60	5.67
	15	13.7	44.30	6.72	40.30	6.22	36.30	5.72	34.30	5.48	32.20	5.24	28.10	4.75
50	-30	-30.2	55.80	29.81	53.60	28.54	50.40	26.68	48.80	25.76	47.20	24.84	44.10	23.04
	-24.8	-25	56.70	26.62	53.60	24.98	50.40	23.37	48.80	22.57	47.20	21.78	44.10	20.22

13. ARUM320LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	56.70	24.66	53.60	23.14	50.40	21.66	48.80	20.93	47.20	20.21	44.10	18.77
	-19.8	-20	56.70	23.43	53.60	22.00	50.40	20.60	48.80	19.91	47.20	19.22	44.10	17.86
	-18.8	-19	56.70	22.85	53.60	21.46	50.40	20.09	48.80	19.42	47.20	18.75	44.10	17.43
	-16.7	-17	56.70	21.71	53.60	20.40	50.40	19.11	48.80	18.47	47.20	17.84	44.10	16.59
	-15	-15.9	56.70	21.00	53.60	19.72	50.40	18.47	48.80	17.84	47.20	17.23	44.10	16.02
	-13.7	-15	56.70	20.36	53.60	19.11	50.40	17.90	48.80	17.30	47.20	16.71	44.10	15.53
	-11.8	-13	56.70	19.45	53.60	18.27	50.40	17.11	48.80	16.55	47.20	15.98	44.10	14.87
	-9.8	-11	56.70	18.54	53.60	17.42	50.40	16.33	48.80	15.79	47.20	15.24	44.10	14.19
	-9.5	-10	56.70	18.16	53.60	17.09	50.40	16.03	48.80	15.51	47.20	15.00	44.10	13.98
	-8.5	-9.1	56.70	17.74	53.60	16.70	50.40	15.67	48.80	15.17	47.20	14.66	44.10	13.66
	-7	-7.6	56.70	17.08	53.60	16.08	50.40	15.09	48.80	14.60	47.20	14.13	44.10	13.18
	-5	-5.6	56.70	16.23	53.60	15.29	50.40	14.35	48.80	13.90	47.20	13.44	44.10	12.55
	-3	-3.7	56.70	15.45	53.60	14.57	50.40	13.69	48.80	13.25	47.20	12.83	44.10	11.98
	0	-0.7	56.70	14.32	53.60	13.50	50.40	12.70	48.80	12.31	47.20	11.92	44.10	11.14
	3	2.2	56.70	13.32	53.60	12.58	50.40	11.84	48.80	11.48	47.20	11.12	44.10	10.41
	5	4.1	53.60	11.76	50.50	11.07	47.30	10.40	45.70	10.07	44.10	9.73	40.90	9.08
	7	6	50.60	10.32	47.40	9.70	44.10	9.09	42.50	8.78	40.90	8.48	37.60	7.88
	9	7.9	47.30	9.02	44.10	8.45	40.80	7.89	39.20	7.62	37.60	7.35	34.30	6.80
	11	9.8	44.00	7.84	40.80	7.33	37.40	6.82	35.80	6.57	34.10	6.32	30.70	5.84
	13	11.8	40.50	6.76	37.30	6.30	33.90	5.85	32.20	5.62	30.60	5.41	27.20	4.97
	15	13.7	37.00	5.81	33.60	5.40	30.30	5.00	28.60	4.80	26.90	4.60	23.40	4.21

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

13. ARUM320LTE6

13.5 Capacity Correction Factor

13.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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13.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

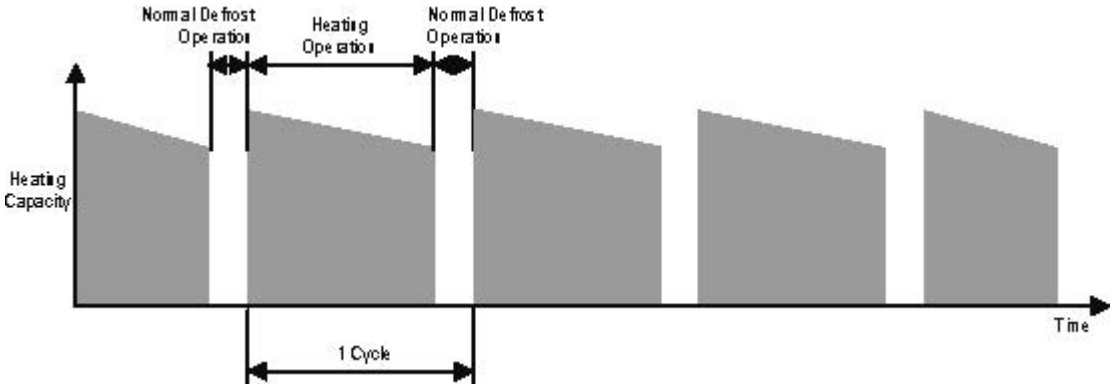
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

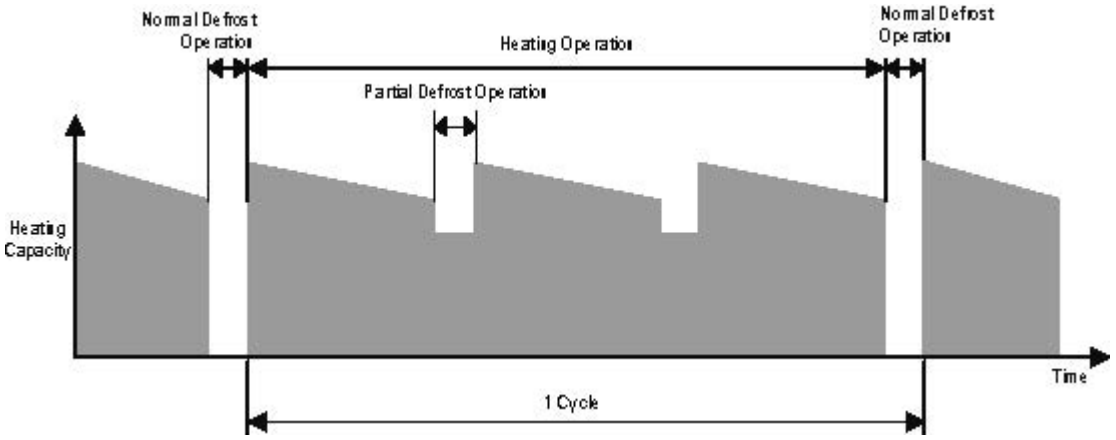
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



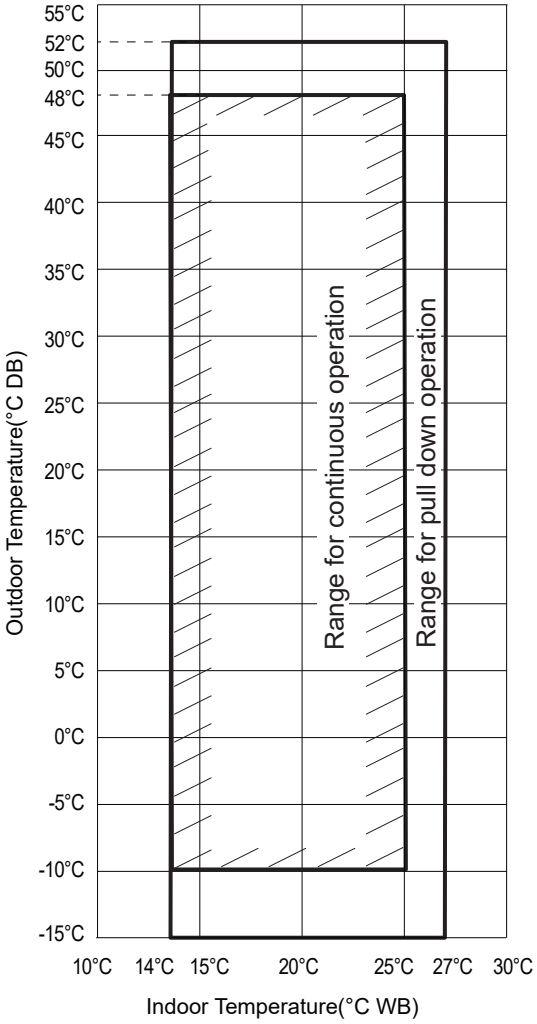
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

13.6 Operation Limits

13.6.1 Cooling

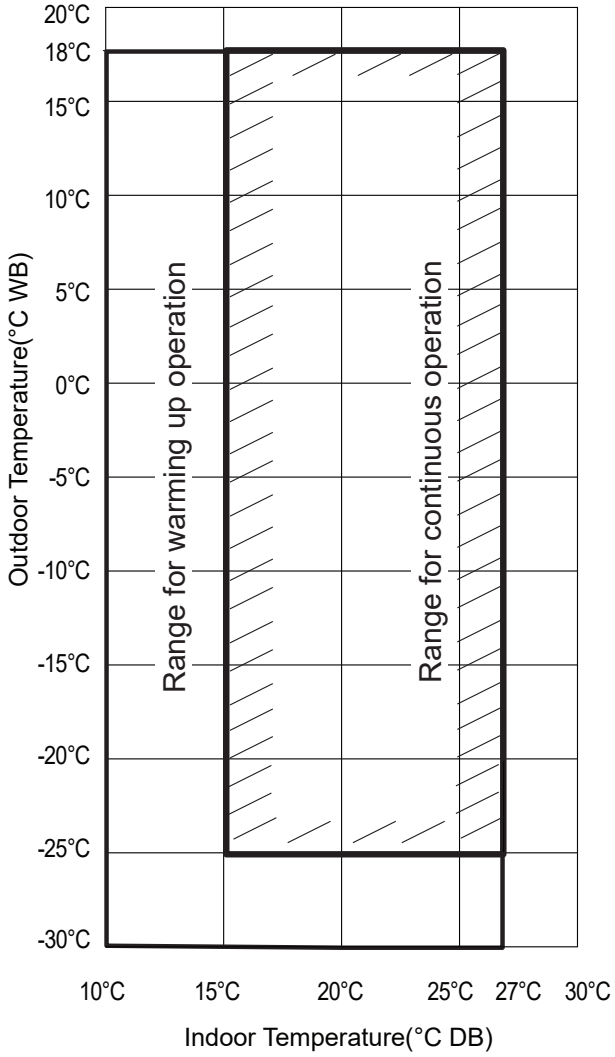


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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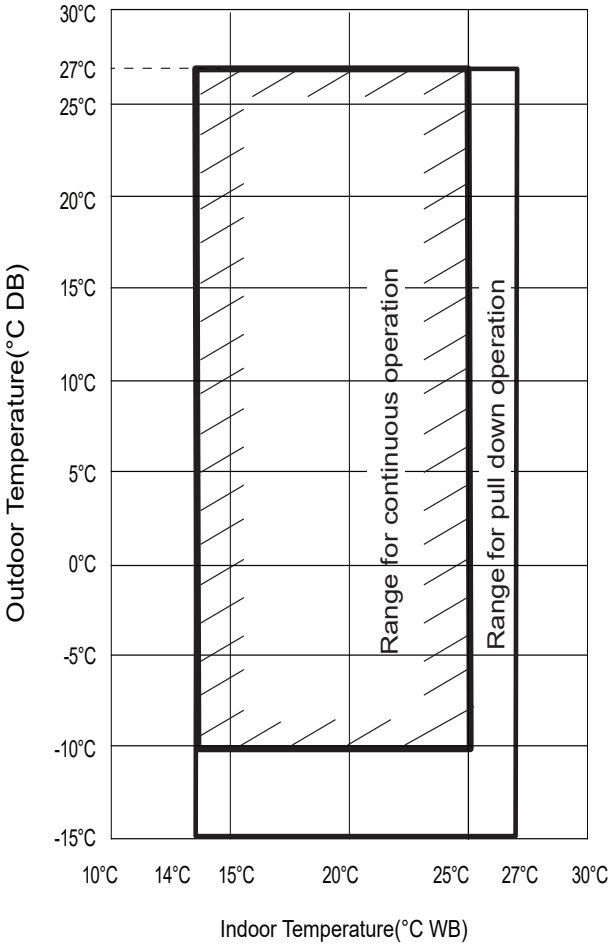
13.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

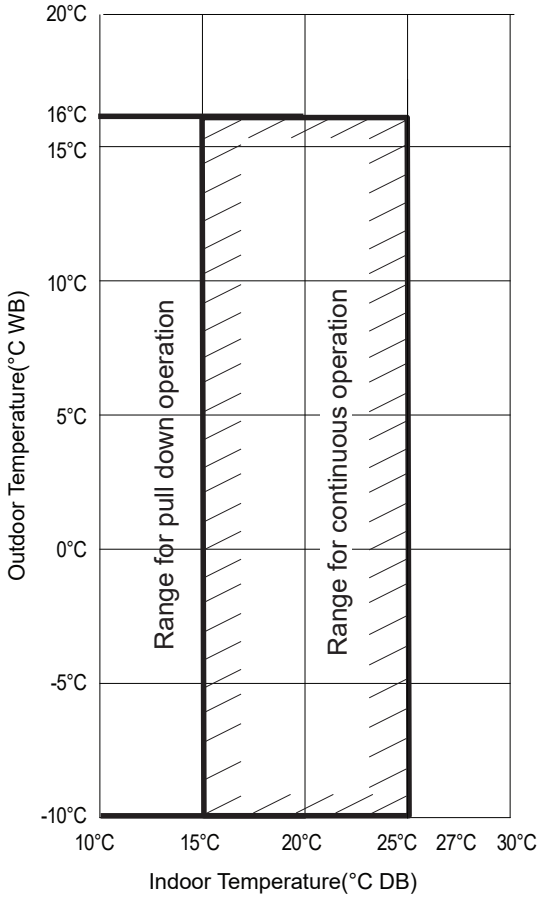
13.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

13.6.4 Simultaneous Operation (Heating)



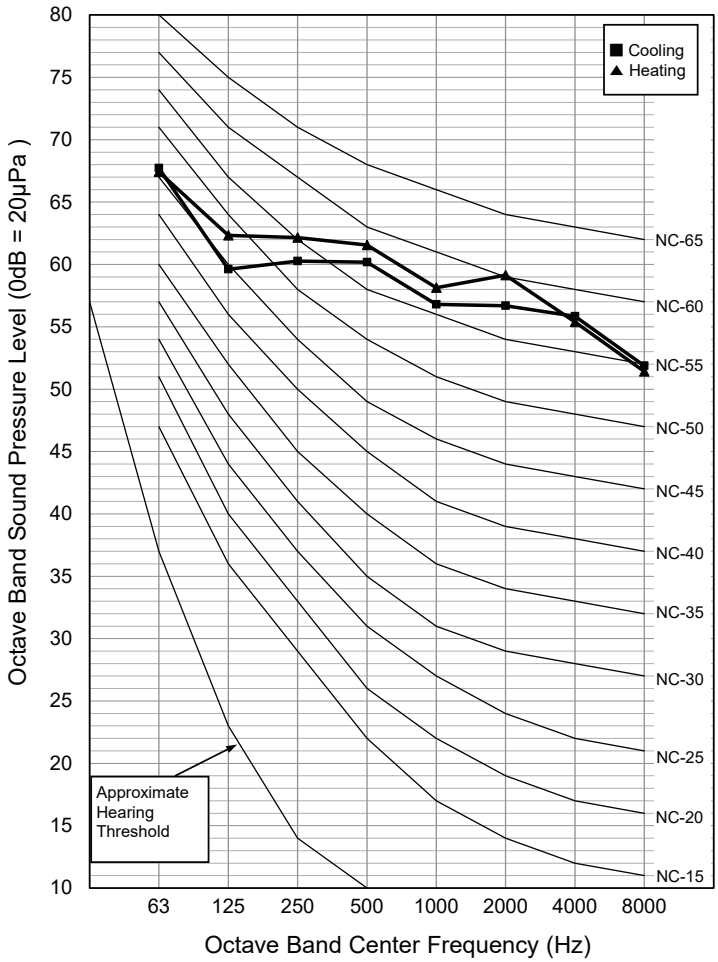
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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13.7 Sound Levels

13.7.1 Pressure Levels



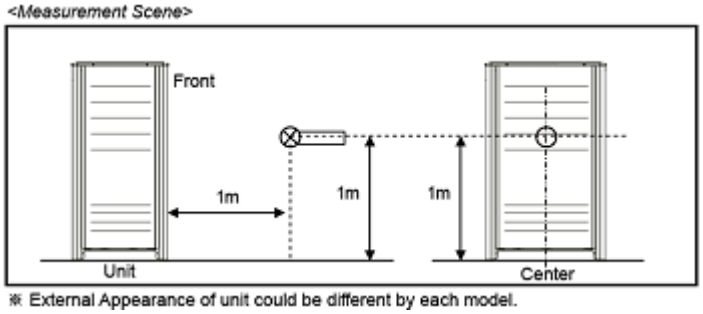
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	67.7	59.6	60.3	60.2	56.8	56.7	55.8	51.9
Heating[dB]	67.4	62.3	62.2	61.6	58.1	59.1	55.4	51.4

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	63.8 / 65.1

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

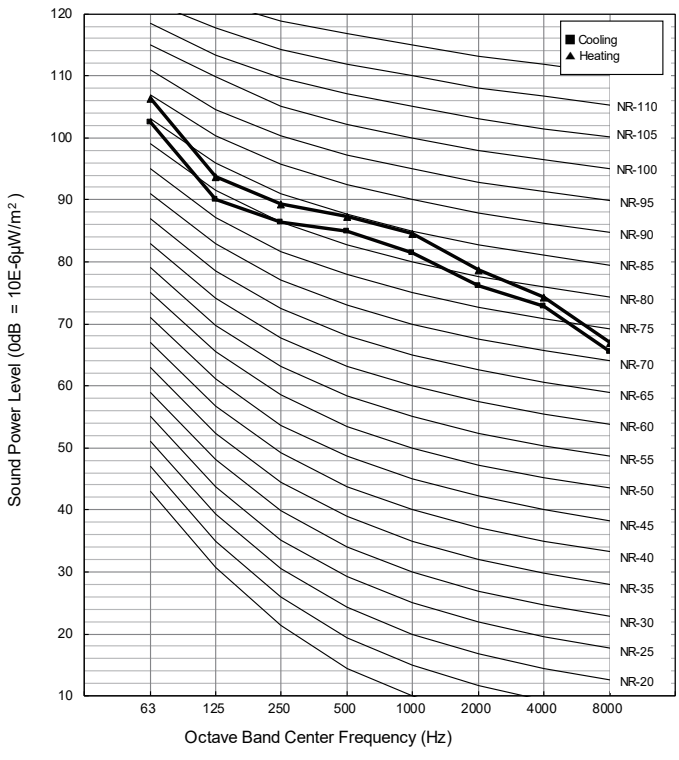
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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13.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	102.5	90.0	86.5	85.0	81.4	76.1	72.9	65.6	87.0
Heating [dB]	106.3	93.7	86.5	85.0	81.4	76.1	72.9	65.6	89.8

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	87.0 / 89.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

14. ARUM340LTE6

14.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM140LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	48.06 - 45.66 - 44.01
	Running Current by Voltage (Heating,Rated)	A	34.42 - 32.7 - 31.52
Cooling Capacity	Rated	kW	95.2
		Btu/h	324,800
Heating Capacity	Rated	kW	95.2
		Btu/h	324,800
	Max	kW	107.1
		Btu/h	365,400
Power Input(Cooling)	Rated	kW	29.42
Power Input(Heating)	Rated	kW	21.07
Efficiency	EER(Rated)	W/W	3.24
	COP(Rated)	W/W	4.52
	SEER	Wh/Wh	8.48
	SCOP	Wh/Wh	5.15
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 3
	Number of Revolution	rev./min	3,600 x 3
	Motor Output	W x No.	5,300 x 3
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 2
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 2
Weight	Net	kg	(300 x 1) + (255 x 1)
	Shipping	kg	(310 x 1) + (265 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

14. ARUM340LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	29.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	60.538
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ34.9(1-3/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58(1-1/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	64.1 / 65.4
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	87.2 / 89.6
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	74.2
	Maximum Fuse Amperes (MFA)	A	100
	Total Over Current Amperes (TOCA)	A	82.0
	Comp_Maximum Starting Current (MSC)	A	17.7
	Comp_Rated Load Amperes (Cooling)	A	43.1
	Comp_Rated Load Amperes (Heating)	A	29.4
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	55(64)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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14.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

14. ARUM340LTE6

14.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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14.4 Capacity Tables

14.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	74.30	7.64	93.90	10.56	114.9	15.42	123.7	17.88	133.6	21.12	142.1	24.03	148.5	26.39
	12	74.30	8.32	93.90	11.61	114.9	16.84	123.7	19.44	133.6	22.79	142.1	25.61	148.4	27.82
	14	74.30	9.08	93.90	12.75	114.9	18.39	123.7	21.14	133.6	24.59	142.1	27.35	148.3	29.41
	16	74.30	9.93	93.90	14.02	114.9	20.09	123.7	22.99	133.6	26.49	142.1	29.23	148.1	31.17
	18	74.30	10.87	93.90	15.40	114.9	21.92	123.7	25.01	133.6	28.53	142.1	31.12	147.8	32.65
	20	74.30	11.90	93.90	16.91	114.9	23.93	123.7	27.14	133.6	30.27	142.1	32.64	147.5	34.03
	21	74.30	12.46	93.90	17.73	114.9	24.96	123.7	28.01	133.6	31.10	142.1	33.44	147.3	34.76
	23	74.30	13.67	93.90	19.46	114.9	26.68	123.7	29.86	133.6	32.77	142.1	34.89	146.8	36.10
	25	74.30	14.98	93.90	21.03	114.9	28.42	123.7	31.50	133.6	34.21	141.6	36.22	146.3	37.47
	27	74.30	16.25	93.90	22.54	114.9	30.03	123.7	33.04	133.6	35.79	141.0	37.73	145.8	39.05
	29	74.30	17.40	93.90	23.95	114.9	31.75	123.7	34.70	133.6	37.50	140.5	39.44	145.2	40.84
	31	74.30	18.51	93.90	25.47	114.9	33.64	123.7	36.51	133.6	39.40	139.8	41.39	144.5	42.92
	33	74.30	19.70	93.90	27.10	114.9	35.61	123.7	38.47	133.1	41.44	138.2	43.23	139.0	43.36
	35	74.30	20.96	93.90	28.85	114.9	37.59	123.7	40.64	131.1	43.14	132.1	43.30	132.9	43.43
	37	74.30	22.31	93.90	30.72	114.9	39.77	122.9	42.72	123.9	42.94	123.8	42.92	123.8	42.91
	39	74.30	23.74	93.90	32.65	114.2	41.85	114.6	41.98	114.7	41.98	114.6	41.99	114.6	41.98
	41	74.30	25.28	93.90	34.75	105.8	40.80	105.6	40.78	105.6	40.75	105.5	40.73	105.6	40.77
	43	74.30	26.94	93.90	37.05	97.00	38.72	96.80	38.72	96.80	38.67	96.80	38.72	96.80	38.68
	46	74.30	29.67	84.60	35.55	84.40	35.51	84.40	35.51	84.40	35.52	84.30	35.48	84.40	35.51
	48	74.30	31.69	76.70	33.08	76.50	33.05	76.60	33.05	76.70	33.12	76.50	33.06	76.50	33.07
	50	69.50	30.98	69.40	30.93	69.20	30.88	69.20	30.88	69.20	30.86	69.10	30.84	69.10	30.83
	52	61.60	27.65	62.00	26.79	62.30	25.97	62.30	25.79	62.30	25.61	62.30	25.42	62.30	25.30
120	10	68.70	7.01	86.70	9.32	106.1	13.14	114.2	15.24	123.4	17.79	131.2	20.27	137.3	22.40
	12	68.70	7.60	86.70	10.23	106.1	14.43	114.2	16.66	123.4	19.34	131.2	21.93	137.3	24.01
	14	68.70	8.26	86.70	11.23	106.1	15.84	114.2	18.20	123.4	21.03	131.2	23.73	137.3	25.76
	16	68.70	9.00	86.70	12.33	106.1	17.37	114.2	19.87	123.4	22.87	131.2	25.69	137.3	27.66
	18	68.70	9.82	86.70	13.55	106.1	19.06	114.2	21.70	123.4	24.89	131.2	27.74	137.3	29.72
	20	68.70	10.73	86.70	14.88	106.1	20.90	114.2	23.69	123.4	27.03	131.2	29.56	137.3	31.30
	21	68.70	11.21	86.70	15.59	106.1	21.88	114.2	24.73	123.4	27.89	131.2	30.39	137.3	32.13
	23	68.70	12.28	86.70	17.12	106.1	23.69	114.2	26.44	123.4	29.74	131.2	32.11	137.3	33.72
	25	68.70	13.44	86.70	18.67	106.1	25.38	114.2	28.19	123.4	31.40	131.2	33.56	137.3	35.15
	27	68.70	14.66	86.70	20.10	106.1	26.89	114.2	29.78	123.4	32.95	131.2	35.13	137.3	36.72
	29	68.70	15.74	86.70	21.37	106.1	28.47	114.2	31.49	123.4	34.60	131.2	36.84	137.1	38.41
	31	68.70	16.74	86.70	22.73	106.1	30.16	114.2	33.36	123.4	36.40	131.2	38.71	136.5	40.27
	33	68.70	17.81	86.70	24.18	106.1	31.98	114.2	35.38	123.4	38.36	131.2	40.79	135.8	42.37
	35	68.70	18.95	86.70	25.73	106.1	33.96	114.2	37.35	123.4	40.53	130.7	43.04	131.7	43.25
	37	68.70	20.17	86.70	27.40	106.1	36.12	114.2	39.51	122.9	42.71	123.9	42.93	123.8	42.92
	39	68.70	21.46	86.70	29.20	106.1	38.51	113.9	41.78	114.7	42.00	114.6	41.99	114.6	41.97
	41	68.70	22.84	86.70	31.15	105.6	40.73	105.7	40.78	105.6	40.75	105.5	40.73	105.6	40.75
	43	68.70	24.33	86.70	33.28	97.00	38.74	97.00	38.72	96.80	38.68	96.90	38.70	96.80	38.71
	46	68.70	26.76	84.50	35.56	84.40	35.48	84.40	35.48	84.40	35.51	84.40	35.48	84.40	35.47
	48	68.70	28.53	76.70	33.06	76.60	33.08	76.70	33.11	76.50	33.06	76.50	33.05	76.50	33.02
	50	68.20	30.18	69.40	30.91	69.20	30.89	69.20	30.89	69.20	30.89	69.20	30.88	69.00	30.76
	52	61.50	27.98	61.80	27.15	62.30	26.31	62.30	26.15	62.30	25.95	62.30	25.82	62.30	25.72
110	10	62.90	6.48	79.40	8.28	97.20	11.21	104.7	12.82	113.1	14.96	120.2	16.88	125.8	18.54
	12	62.90	6.98	79.40	9.04	97.20	12.31	104.7	14.08	113.1	16.36	120.2	18.39	125.8	20.14
	14	62.90	7.54	79.40	9.90	97.20	13.53	104.7	15.46	113.1	17.88	120.2	20.03	125.8	21.86

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	62.90	8.17	79.40	10.86	97.20	14.87	104.7	16.97	113.1	19.54	120.2	21.82	125.8	23.75
	18	62.90	8.88	79.40	11.91	97.20	16.34	104.7	18.61	113.1	21.34	120.2	23.77	125.8	25.80
	20	62.90	9.66	79.40	13.06	97.20	17.93	104.7	20.42	113.1	23.30	120.2	25.89	125.8	27.90
	21	62.90	10.09	79.40	13.68	97.20	18.79	104.7	21.38	113.1	24.35	120.2	26.80	125.8	28.79
	23	62.90	11.01	79.40	15.01	97.20	20.63	104.7	23.23	113.1	26.07	120.2	28.59	125.8	30.58
	25	62.90	12.03	79.40	16.47	97.20	22.19	104.7	24.92	113.1	27.81	120.2	30.33	125.8	32.10
	27	62.90	13.15	79.40	17.77	97.20	23.73	104.7	26.43	113.1	29.38	120.2	32.01	125.8	33.66
	29	62.90	14.18	79.40	18.98	97.20	25.21	104.7	27.98	113.1	31.08	120.2	33.68	125.8	35.33
	31	62.90	15.08	79.40	20.19	97.20	26.81	104.7	29.65	113.1	32.92	120.2	35.45	125.8	37.16
	33	62.90	16.04	79.40	21.47	97.20	28.51	104.7	31.43	113.1	34.92	120.2	37.37	125.8	39.16
	35	62.90	17.06	79.40	22.85	97.20	30.25	104.7	33.37	113.1	36.97	120.2	39.46	125.8	41.37
	37	62.90	18.15	79.40	24.32	97.20	32.14	104.7	35.48	113.1	39.10	120.2	41.78	123.8	42.90
	39	62.90	19.32	79.40	25.90	97.20	34.17	104.7	37.81	113.1	41.45	114.6	41.98	114.8	42.01
	41	62.90	20.57	79.40	27.60	97.20	36.41	104.7	40.39	105.7	40.79	105.6	40.77	105.6	40.77
	43	62.90	21.90	79.40	29.43	96.90	38.69	97.00	38.76	97.00	38.73	96.80	38.69	96.90	38.71
	46	62.90	24.06	79.40	32.48	84.40	35.54	84.40	35.53	84.40	35.53	84.40	35.54	84.30	35.49
	48	62.90	25.63	76.70	33.12	76.70	33.12	76.70	33.12	76.60	33.08	76.60	33.09	76.60	33.09
	50	62.90	27.32	69.40	30.94	69.30	30.89	69.20	30.89	69.20	30.86	69.20	30.86	69.20	30.88
	52	61.30	28.15	61.60	27.56	62.20	26.73	62.20	26.55	62.30	26.40	62.10	26.24	62.30	26.04
100	10	57.20	5.75	72.20	7.40	88.40	9.60	95.20	10.81	102.8	12.39	109.3	13.96	114.4	15.30
	12	57.20	6.44	72.20	8.05	88.40	10.54	95.20	11.87	102.8	13.61	109.3	15.32	114.4	16.72
	14	57.20	6.91	72.20	8.76	88.40	11.57	95.20	13.05	102.8	14.95	109.3	16.79	114.4	18.27
	16	57.20	7.45	72.20	9.56	88.40	12.71	95.20	14.34	102.8	16.42	109.3	18.41	114.4	19.95
	18	57.20	8.04	72.20	10.46	88.40	13.96	95.20	15.76	102.8	18.02	109.3	20.14	114.4	21.79
	20	57.20	8.72	72.20	11.45	88.40	15.34	95.20	17.30	102.8	19.77	109.3	22.02	114.4	23.77
	21	57.20	9.07	72.20	11.98	88.40	16.07	95.20	18.13	102.8	20.71	109.3	23.02	114.4	24.82
	23	57.20	9.87	72.20	13.13	88.40	17.65	95.20	19.91	102.8	22.57	109.3	24.78	114.4	26.52
	25	57.20	10.76	72.20	14.39	88.40	19.21	95.20	21.48	102.8	24.25	109.3	26.52	114.4	28.26
	27	57.20	11.73	72.20	15.64	88.40	20.65	95.20	23.00	102.8	25.79	109.3	28.04	114.4	29.86
	29	57.20	12.69	72.20	16.77	88.40	21.96	95.20	24.44	102.8	27.32	109.3	29.68	114.4	31.59
	31	57.20	13.53	72.20	17.84	88.40	23.36	95.20	25.98	102.8	28.94	109.3	31.43	114.4	33.45
	33	57.20	14.39	72.20	18.98	88.40	24.85	95.20	27.64	102.8	30.68	109.3	33.33	114.4	35.46
	35	57.20	15.30	72.20	20.20	88.40	26.44	95.20	29.44	102.8	32.58	109.3	35.41	114.4	37.44
	37	57.20	16.27	72.20	21.49	88.40	28.16	95.20	31.26	102.8	34.63	109.3	37.70	114.4	39.60
	39	57.20	17.31	72.20	22.87	88.40	30.02	95.20	33.24	102.8	36.87	109.3	39.93	114.0	41.81
	41	57.20	18.43	72.20	24.36	88.40	32.04	95.20	35.39	102.8	39.36	105.6	40.77	105.7	40.79
	43	57.20	19.62	72.20	25.94	88.40	34.20	95.20	37.75	96.80	38.69	97.00	38.75	97.00	38.75
	46	57.20	21.55	72.20	28.56	84.50	35.54	84.50	35.53	84.50	35.53	84.50	35.55	84.40	35.51
	48	57.20	22.95	72.20	30.47	76.80	33.13	76.60	33.11	76.70	33.12	76.60	33.09	76.70	33.11
	50	57.20	24.45	69.40	30.90	69.30	30.89	69.30	30.89	69.20	30.86	69.20	30.87	69.20	30.88
	52	57.20	26.05	61.40	27.77	61.70	27.19	62.00	26.96	62.10	26.69	62.30	26.43	62.30	26.23
90	10	51.50	5.13	65.00	6.67	79.50	8.28	85.70	9.17	92.50	10.32	98.40	11.44	103.0	12.43
	12	51.50	5.98	65.00	7.19	79.50	9.06	85.70	10.06	92.50	11.34	98.40	12.58	103.0	13.66
	14	51.50	6.37	65.00	7.80	79.50	9.92	85.70	11.03	92.50	12.46	98.40	13.82	103.0	15.00
	16	51.50	6.81	65.00	8.46	79.50	10.87	85.70	12.11	92.50	13.68	98.40	15.19	103.0	16.47
	18	51.50	7.31	65.00	9.21	79.50	11.92	85.70	13.30	92.50	15.04	98.40	16.68	103.0	18.08
	20	51.50	7.87	65.00	10.04	79.50	13.08	85.70	14.60	92.50	16.51	98.40	18.31	103.0	19.83
	21	51.50	8.18	65.00	10.49	79.50	13.70	85.70	15.31	92.50	17.31	98.40	19.19	103.0	20.77
	23	51.50	8.85	65.00	11.46	79.50	15.04	85.70	16.81	92.50	19.01	98.40	21.03	103.0	22.62
	25	51.50	9.59	65.00	12.53	79.50	16.50	85.70	18.36	92.50	20.57	98.40	22.62	103.0	24.32
	27	51.50	10.43	65.00	13.71	79.50	17.80	85.70	19.76	92.50	22.07	98.40	24.17	103.0	25.85

14. ARUM340LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	51.50	11.33	65.00	14.74	79.50	19.01	85.70	21.02	92.50	23.46	98.40	25.68	103.0	27.38
	31	51.50	12.10	65.00	15.68	79.50	20.22	85.70	22.36	92.50	24.94	98.40	27.30	103.0	29.01
	33	51.50	12.84	65.00	16.67	79.50	21.51	85.70	23.79	92.50	26.54	98.40	28.96	103.0	30.76
	35	51.50	13.65	65.00	17.74	79.50	22.89	85.70	25.32	92.50	28.25	98.40	30.74	103.0	32.65
	37	51.50	14.51	65.00	18.87	79.50	24.37	85.70	26.95	92.50	30.10	98.40	32.65	103.0	34.71
	39	51.50	15.44	65.00	20.08	79.50	25.95	85.70	28.72	92.50	32.04	98.40	34.74	103.0	36.97
	41	51.50	16.43	65.00	21.37	79.50	27.64	85.70	30.64	92.50	34.10	98.40	37.02	103.0	39.47
	43	51.50	17.49	65.00	22.76	79.50	29.48	85.70	32.71	92.50	36.33	97.00	38.72	97.00	38.72
	46	51.50	19.21	65.00	25.01	79.50	32.53	84.50	35.56	84.50	35.53	84.40	35.52	84.50	35.56
	48	51.50	20.46	65.00	26.66	76.70	33.12	76.70	33.12	76.70	33.10	76.70	33.10	76.60	33.09
	50	51.50	21.78	65.00	28.43	69.30	30.93	69.30	30.92	69.40	30.93	69.30	30.90	69.30	30.91
	52	51.50	23.21	61.20	28.05	61.70	27.44	61.90	27.20	62.00	26.91	62.10	26.65	62.30	26.47
80	10	45.70	4.55	57.80	5.82	70.70	7.23	76.10	7.85	82.30	8.66	87.40	9.45	91.60	10.14
	12	45.70	5.59	57.80	6.49	70.70	7.85	76.10	8.57	82.30	9.48	87.40	10.37	91.60	11.13
	14	45.70	5.90	57.80	6.97	70.70	8.55	76.10	9.36	82.30	10.39	87.40	11.38	91.60	12.24
	16	45.70	6.26	57.80	7.52	70.70	9.32	76.10	10.24	82.30	11.41	87.40	12.51	91.60	13.45
	18	45.70	6.66	57.80	8.12	70.70	10.19	76.10	11.22	82.30	12.52	87.40	13.74	91.60	14.78
	20	45.70	7.12	57.80	8.80	70.70	11.13	76.10	12.30	82.30	13.74	87.40	15.09	91.60	16.23
	21	45.70	7.37	57.80	9.17	70.70	11.65	76.10	12.87	82.30	14.40	87.40	15.81	91.60	17.01
	23	45.70	7.94	57.80	9.98	70.70	12.75	76.10	14.13	82.30	15.81	87.40	17.37	91.60	18.67
	25	45.70	8.56	57.80	10.87	70.70	13.98	76.10	15.49	82.30	17.32	87.40	18.92	91.60	20.24
	27	45.70	9.27	57.80	11.86	70.70	15.22	76.10	16.77	82.30	18.66	87.40	20.37	91.60	21.73
	29	45.70	10.06	57.80	12.83	70.70	16.32	76.10	17.95	82.30	19.89	87.40	21.65	91.60	23.11
	31	45.70	10.77	57.80	13.68	70.70	17.37	76.10	19.09	82.30	21.16	87.40	23.03	91.60	24.56
	33	45.70	11.41	57.80	14.55	70.70	18.48	76.10	20.31	82.30	22.51	87.40	24.50	91.60	26.13
	35	45.70	12.11	57.80	15.47	70.70	19.66	76.10	21.60	82.30	23.95	87.40	26.06	91.60	27.82
	37	45.70	12.87	57.80	16.45	70.70	20.92	76.10	23.00	82.30	25.49	87.40	27.76	91.60	29.64
	39	45.70	13.68	57.80	17.51	70.70	22.26	76.10	24.48	82.30	27.15	87.40	29.59	91.60	31.61
	41	45.70	14.56	57.80	18.63	70.70	23.71	76.10	26.08	82.30	28.94	87.40	31.57	91.60	33.62
	43	45.70	15.50	57.80	19.84	70.70	25.25	76.10	27.79	82.30	30.88	87.40	33.73	91.60	35.82
	46	45.70	17.02	57.80	21.80	70.70	27.78	76.10	30.63	82.30	34.13	84.50	35.53	84.40	35.52
	48	45.70	18.14	57.80	23.21	70.70	29.64	75.80	32.53	76.70	33.11	76.70	33.09	76.60	33.07
	50	45.70	19.32	57.80	24.73	69.30	30.89	69.30	30.91	69.30	30.92	69.40	30.90	69.20	30.88
	52	45.70	20.58	57.80	26.35	61.50	27.77	61.70	27.51	61.80	27.22	61.90	26.97	62.10	26.76
70	10	40.10	3.79	50.50	5.05	61.90	6.35	66.60	6.82	71.90	7.37	76.50	7.90	80.10	8.36
	12	40.10	5.25	50.50	5.91	61.90	6.88	66.60	7.38	71.90	8.01	76.50	8.62	80.10	9.15
	14	40.10	5.49	50.50	6.29	61.90	7.42	66.60	8.00	71.90	8.73	76.50	9.42	80.10	10.02
	16	40.10	5.78	50.50	6.71	61.90	8.03	66.60	8.70	71.90	9.53	76.50	10.31	80.10	10.98
	18	40.10	6.10	50.50	7.20	61.90	8.72	66.60	9.48	71.90	10.42	76.50	11.30	80.10	12.04
	20	40.10	6.47	50.50	7.75	61.90	9.48	66.60	10.34	71.90	11.39	76.50	12.38	80.10	13.22
	21	40.10	6.67	50.50	8.05	61.90	9.89	66.60	10.80	71.90	11.93	76.50	12.97	80.10	13.84
	23	40.10	7.13	50.50	8.70	61.90	10.79	66.60	11.82	71.90	13.07	76.50	14.23	80.10	15.19
	25	40.10	7.63	50.50	9.43	61.90	11.79	66.60	12.92	71.90	14.32	76.50	15.61	80.10	16.67
	27	40.10	8.21	50.50	10.24	61.90	12.88	66.60	14.12	71.90	15.58	76.50	16.89	80.10	17.97
	29	40.10	8.87	50.50	11.12	61.90	13.89	66.60	15.18	71.90	16.69	76.50	18.07	80.10	19.19
	31	40.10	9.53	50.50	11.87	61.90	14.78	66.60	16.14	71.90	17.77	76.50	19.22	80.10	20.42
	33	40.10	10.09	50.50	12.61	61.90	15.72	66.60	17.17	71.90	18.89	76.50	20.45	80.10	21.72
	35	40.10	10.69	50.50	13.39	61.90	16.73	66.60	18.27	71.90	20.10	76.50	21.75	80.10	23.11
	37	40.10	11.35	50.50	14.23	61.90	17.79	66.60	19.44	71.90	21.40	76.50	23.15	80.10	24.60
	39	40.10	12.05	50.50	15.14	61.90	18.94	66.60	20.69	71.90	22.77	76.50	24.65	80.10	26.20
	41	40.10	12.81	50.50	16.12	61.90	20.15	66.60	22.03	71.90	24.25	76.50	26.26	80.10	27.91

14. ARUM340LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	40.10	13.64	50.50	17.16	61.90	21.46	66.60	23.45	71.90	25.83	76.50	27.98	80.10	29.76
	46	40.10	14.98	50.50	18.84	61.90	23.58	66.60	25.78	71.90	28.43	76.50	30.84	80.10	32.86
	48	40.10	15.97	50.50	20.07	61.90	25.12	66.60	27.48	71.90	30.34	76.00	32.67	76.80	33.13
	50	40.10	17.01	50.50	21.37	61.90	26.77	66.60	29.31	69.40	30.93	69.30	30.88	69.30	30.91
	52	40.10	18.13	50.50	22.76	61.20	28.17	61.30	27.92	61.60	27.65	61.70	27.36	61.80	27.17
60	10	34.30	3.06	43.30	4.20	53.00	5.29	57.10	5.74	61.70	6.32	65.60	6.72	68.70	7.02
	12	34.30	4.45	43.30	5.44	53.00	6.09	57.10	6.43	61.70	6.86	65.60	7.26	68.70	7.61
	14	34.30	5.05	43.30	5.72	53.00	6.50	57.10	6.90	61.70	7.40	65.60	7.87	68.70	8.26
	16	34.30	5.27	43.30	6.04	53.00	6.97	57.10	7.44	61.70	8.00	65.60	8.55	68.70	9.00
	18	34.30	5.54	43.30	6.42	53.00	7.49	57.10	8.03	61.70	8.69	65.60	9.31	68.70	9.82
	20	34.30	5.83	43.30	6.84	53.00	8.09	57.10	8.70	61.70	9.45	65.60	10.14	68.70	10.73
	21	34.30	6.00	43.30	7.07	53.00	8.41	57.10	9.06	61.70	9.86	65.60	10.60	68.70	11.22
	23	34.30	6.36	43.30	7.58	53.00	9.11	57.10	9.85	61.70	10.75	65.60	11.59	68.70	12.28
	25	34.30	6.78	43.30	8.16	53.00	9.90	57.10	10.73	61.70	11.74	65.60	12.67	68.70	13.44
	27	34.30	7.25	43.30	8.80	53.00	10.78	57.10	11.71	61.70	12.84	65.60	13.86	68.70	14.66
	29	34.30	7.79	43.30	9.53	53.00	11.69	57.10	12.67	61.70	13.85	65.60	14.91	68.70	15.74
	31	34.30	8.38	43.30	10.23	53.00	12.47	57.10	13.51	61.70	14.75	65.60	15.85	68.70	16.74
	33	34.30	8.87	43.30	10.84	53.00	13.24	57.10	14.36	61.70	15.68	65.60	16.86	68.70	17.82
	35	34.30	9.38	43.30	11.50	53.00	14.08	57.10	15.27	61.70	16.68	65.60	17.94	68.70	18.96
	37	34.30	9.93	43.30	12.20	53.00	14.97	57.10	16.24	61.70	17.74	65.60	19.08	68.70	20.17
	39	34.30	10.54	43.30	12.98	53.00	15.93	57.10	17.28	61.70	18.88	65.60	20.31	68.70	21.47
	41	34.30	11.20	43.30	13.80	53.00	16.96	57.10	18.40	61.70	20.10	65.60	21.62	68.70	22.86
	43	34.30	11.91	43.30	14.69	53.00	18.05	57.10	19.58	61.70	21.39	65.60	23.02	68.70	24.34
	46	34.30	13.09	43.30	16.14	53.00	19.83	57.10	21.51	61.70	23.51	65.60	25.30	68.70	26.77
	48	34.30	13.95	43.30	17.19	53.00	21.11	57.10	22.90	61.70	25.04	65.60	26.96	68.70	28.55
	50	34.30	14.86	43.30	18.32	53.00	22.48	57.10	24.40	61.70	26.69	65.60	28.76	68.20	30.20
	52	34.30	15.86	43.30	19.52	53.00	23.94	57.10	26.00	61.10	28.12	61.40	27.95	61.50	27.75
50	10	28.60	2.41	36.10	3.27	44.20	4.32	47.60	4.78	51.40	5.13	54.70	5.47	57.30	5.75
	12	28.60	3.61	36.10	4.71	44.20	5.49	47.60	5.71	51.40	5.98	54.70	6.23	57.30	6.44
	14	28.60	4.58	36.10	5.19	44.20	5.78	47.60	6.04	51.40	6.37	54.70	6.66	57.30	6.92
	16	28.60	4.76	36.10	5.43	44.20	6.11	47.60	6.42	51.40	6.80	54.70	7.15	57.30	7.45
	18	28.60	4.96	36.10	5.70	44.20	6.50	47.60	6.86	51.40	7.30	54.70	7.71	57.30	8.04
	20	28.60	5.20	36.10	6.03	44.20	6.94	47.60	7.35	51.40	7.86	54.70	8.33	57.30	8.72
	21	28.60	5.33	36.10	6.20	44.20	7.17	47.60	7.62	51.40	8.16	54.70	8.66	57.30	9.09
	23	28.60	5.62	36.10	6.60	44.20	7.70	47.60	8.22	51.40	8.83	54.70	9.41	57.30	9.88
	25	28.60	5.95	36.10	7.04	44.20	8.29	47.60	8.88	51.40	9.59	54.70	10.23	57.30	10.76
	27	28.60	6.33	36.10	7.55	44.20	8.97	47.60	9.63	51.40	10.42	54.70	11.14	57.30	11.73
	29	28.60	6.76	36.10	8.13	44.20	9.71	47.60	10.45	51.40	11.31	54.70	12.08	57.30	12.69
	31	28.60	7.24	36.10	8.74	44.20	10.42	47.60	11.18	51.40	12.08	54.70	12.88	57.30	13.54
	33	28.60	7.68	36.10	9.25	44.20	11.04	47.60	11.86	51.40	12.82	54.70	13.69	57.30	14.39
	35	28.60	8.10	36.10	9.78	44.20	11.71	47.60	12.59	51.40	13.63	54.70	14.56	57.30	15.30
	37	28.60	8.54	36.10	10.36	44.20	12.43	47.60	13.38	51.40	14.49	54.70	15.47	57.30	16.28
	39	28.60	9.05	36.10	11.00	44.20	13.22	47.60	14.23	51.40	15.42	54.70	16.47	57.30	17.33
	41	28.60	9.60	36.10	11.68	44.20	14.06	47.60	15.14	51.40	16.40	54.70	17.53	57.30	18.44
	43	28.60	10.20	36.10	12.43	44.20	14.97	47.60	16.11	51.40	17.47	54.70	18.66	57.30	19.62
	46	28.60	11.22	36.10	13.67	44.20	16.46	47.60	17.71	51.40	19.19	54.70	20.50	57.30	21.56
	48	28.60	11.98	36.10	14.56	44.20	17.52	47.60	18.86	51.40	20.42	54.70	21.83	57.30	22.96
	50	28.60	12.81	36.10	15.52	44.20	18.67	47.60	20.08	51.40	21.75	54.70	23.24	57.30	24.45
	52	28.60	13.71	36.10	16.55	44.20	19.88	47.60	21.39	51.40	23.18	54.70	24.76	57.30	26.06

14. ARUM340LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

14. ARUM340LTE6

14.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	20.20	1.35	32.50	2.16	46.00	3.09	49.30	3.33	52.50	3.57	55.90	3.83	59.50	4.15
	12	20.20	1.35	32.50	2.16	46.00	3.11	49.30	3.35	52.50	3.60	55.90	3.86	59.50	4.20
	14	20.20	1.35	32.50	2.17	46.00	3.15	49.30	3.40	52.50	3.65	55.90	3.93	59.50	4.28
	16	20.20	1.35	32.50	2.20	46.00	3.22	49.30	3.48	52.50	3.75	55.90	4.05	59.50	4.46
	18	20.20	1.36	32.50	2.25	46.00	3.36	49.30	3.66	52.50	3.97	55.90	4.32	59.50	4.84
	20	20.20	1.40	32.50	2.37	46.00	3.73	49.30	4.12	52.50	4.53	55.90	5.00	59.50	5.79
	21	22.90	1.73	35.00	2.95	48.50	4.93	51.70	5.31	54.90	5.73	58.10	6.17	61.40	6.92
	23	28.20	4.39	40.30	5.35	53.60	6.72	56.60	7.07	59.70	7.45	62.40	7.81	65.40	8.39
	25	33.80	5.34	45.50	6.55	58.80	8.31	61.60	8.74	64.60	9.21	66.80	9.59	69.50	10.28
	27	39.40	6.64	51.00	8.15	64.10	10.41	66.80	10.94	69.60	11.48	71.40	11.84	77.70	13.48
	29	45.20	8.40	56.50	10.22	69.50	12.87	72.10	13.43	74.80	14.04	79.20	15.11	91.80	18.91
	31	51.20	10.52	62.20	12.61	75.10	15.73	77.50	16.35	84.20	18.21	93.80	21.12	106.1	26.04
	33	57.30	13.08	68.00	15.52	80.80	19.24	88.90	21.87	99.00	25.46	108.3	29.13	120.2	34.63
	35	63.60	16.33	74.10	19.15	94.80	26.67	103.7	30.45	113.7	34.52	122.7	38.19	134.4	42.98
	37	63.60	17.39	74.10	20.40	94.80	28.42	103.7	32.35	113.7	36.75	122.7	40.44	127.2	42.67
	39	63.60	18.51	74.10	21.72	94.80	30.31	103.7	34.43	113.7	39.21	119.1	41.31	117.6	41.56
	41	63.60	19.71	74.10	23.14	94.80	32.36	103.7	36.70	109.7	39.51	109.7	39.51	108.2	39.89
	43	63.60	21.00	74.10	24.65	94.80	34.60	100.6	37.41	100.4	37.38	100.4	37.38	99.30	37.83
	46	63.60	23.08	74.10	27.12	87.70	34.12	87.70	34.14	87.60	34.09	87.60	34.09	86.40	34.49
	48	63.60	24.59	74.10	28.93	79.60	31.82	79.70	31.89	79.80	31.95	79.40	31.79	78.50	32.19
	50	63.60	26.20	72.00	29.77	71.90	29.74	71.80	29.75	71.90	29.74	71.70	29.69	70.90	30.07
	52	62.20	27.15	63.10	26.05	63.70	25.26	63.70	25.09	63.90	24.93	64.10	24.79	63.80	24.97
120	10	18.70	1.25	29.90	1.99	42.50	2.84	45.40	3.05	48.50	3.27	51.70	3.50	54.90	3.78
	12	18.70	1.25	29.90	1.99	42.50	2.86	45.40	3.07	48.50	3.29	51.70	3.53	54.90	3.82
	14	18.70	1.25	29.90	2.00	42.50	2.88	45.40	3.10	48.50	3.34	51.70	3.58	54.90	3.89
	16	18.70	1.25	29.90	2.01	42.50	2.94	45.40	3.17	48.50	3.41	51.70	3.68	54.90	4.02
	18	18.70	1.26	29.90	2.05	42.50	3.05	45.40	3.31	48.50	3.59	51.70	3.89	54.90	4.33
	20	18.70	1.28	29.90	2.15	42.50	3.34	45.40	3.67	48.50	4.02	51.70	4.41	54.90	5.12
	21	21.10	1.56	32.30	2.63	44.70	4.34	47.70	4.84	50.70	5.19	53.60	5.55	56.70	6.31
	23	26.20	4.21	37.10	5.07	49.50	6.26	52.20	6.56	55.10	6.89	57.60	7.20	60.40	7.70
	25	31.20	5.08	42.00	6.14	54.20	7.66	56.90	8.04	59.60	8.44	61.70	8.76	64.10	9.36
	27	36.40	6.24	47.10	7.56	59.20	9.51	61.70	9.96	64.20	10.44	66.00	10.78	71.70	12.19
	29	41.80	7.81	52.20	9.42	64.10	11.74	66.50	12.23	69.00	12.75	73.20	13.69	84.80	16.95
	31	47.30	9.75	57.40	11.57	69.30	14.26	71.50	14.81	77.70	16.41	86.60	18.91	97.90	23.11
	33	52.90	12.02	62.90	14.15	74.60	17.37	82.10	19.64	91.40	22.71	99.90	25.82	111.0	30.95
	35	58.70	14.90	68.40	17.36	87.50	23.83	95.70	27.08	105.0	30.93	113.2	34.30	124.1	39.38
	37	58.70	15.87	68.40	18.48	87.50	25.39	95.70	28.86	105.0	32.89	113.2	36.50	124.1	41.71
	39	58.70	16.89	68.40	19.68	87.50	27.05	95.70	30.78	105.0	35.00	113.2	38.94	117.6	41.53
	41	58.70	17.98	68.40	20.97	87.50	28.84	95.70	32.87	105.0	37.31	109.6	39.48	108.2	39.90
	43	58.70	19.15	68.40	22.33	87.50	30.77	95.70	35.08	100.6	37.41	100.6	37.41	99.30	37.79
	46	58.70	21.06	68.40	24.55	87.40	33.92	87.60	34.10	87.60	34.11	87.50	34.09	86.40	34.50
	48	58.70	22.43	68.40	26.16	79.50	31.83	79.50	31.83	79.60	31.84	79.40	31.79	78.50	32.22
	50	58.70	23.89	68.40	27.89	71.90	29.74	71.90	29.73	72.00	29.77	71.90	29.74	71.00	30.08
	52	58.70	25.47	62.90	26.35	63.50	25.57	63.60	25.41	63.60	25.25	63.80	25.13	63.50	25.36
110	10	17.20	1.13	27.50	1.82	38.90	2.59	41.70	2.78	44.40	2.98	47.30	3.19	50.30	3.43
	12	17.20	1.13	27.50	1.82	38.90	2.61	41.70	2.80	44.40	2.99	47.30	3.20	50.30	3.47
	14	17.20	1.13	27.50	1.83	38.90	2.63	41.70	2.82	44.40	3.03	47.30	3.24	50.30	3.51
	16	17.20	1.14	27.50	1.84	38.90	2.67	41.70	2.87	44.40	3.09	47.30	3.32	50.30	3.62
	18	17.20	1.14	27.50	1.87	38.90	2.75	41.70	2.98	44.40	3.22	47.30	3.48	50.30	3.85

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	17.20	1.16	27.50	1.94	38.90	2.97	41.70	3.26	44.40	3.55	47.30	3.89	50.30	4.46
	21	19.40	1.40	29.60	2.33	41.00	3.76	43.70	4.17	46.40	4.63	49.10	5.00	52.00	5.61
	23	24.00	4.04	34.00	4.80	45.40	5.84	47.90	6.10	50.50	6.38	52.80	6.62	55.40	7.07
	25	28.60	4.81	38.60	5.75	49.70	7.07	52.20	7.38	54.60	7.72	56.60	7.99	58.80	8.50
	27	33.30	5.85	43.10	7.01	54.20	8.67	56.50	9.05	58.80	9.46	60.50	9.75	65.80	11.00
	29	38.30	7.25	47.80	8.66	58.80	10.67	61.00	11.09	63.20	11.55	67.10	12.36	77.70	15.13
	31	43.30	9.02	52.70	10.58	63.60	12.91	65.60	13.37	71.20	14.74	79.40	16.86	89.80	20.42
	33	48.50	11.03	57.60	12.85	68.40	15.62	75.30	17.55	83.80	20.16	91.60	22.79	101.7	27.30
	35	53.70	13.56	62.70	15.67	80.20	21.21	87.80	23.95	96.20	27.28	103.8	30.45	113.7	35.42
	37	53.70	14.43	62.70	16.68	80.20	22.59	87.80	25.51	96.20	29.08	103.8	32.37	113.7	37.72
	39	53.70	15.36	62.70	17.77	80.20	24.05	87.80	27.18	96.20	31.01	103.8	34.44	113.7	40.11
	41	53.70	16.36	62.70	18.93	80.20	25.63	87.80	28.98	96.20	33.12	103.8	36.71	108.4	39.91
	43	53.70	17.42	62.70	20.16	80.20	27.31	87.80	30.93	96.20	35.31	100.5	37.40	99.30	37.79
	46	53.70	19.15	62.70	22.16	80.20	30.09	87.50	34.02	87.60	34.11	87.70	34.12	86.50	34.52
	48	53.70	20.40	62.70	23.60	79.50	31.75	79.50	31.79	79.50	31.82	79.60	31.82	78.50	32.17
	50	53.70	21.73	62.70	25.13	72.00	29.75	72.00	29.75	71.90	29.76	71.90	29.73	70.90	30.06
	52	53.70	23.15	62.70	26.76	63.10	25.94	63.30	25.80	63.40	25.64	63.20	25.49	63.20	25.53
100	10	15.60	1.03	25.00	1.65	35.40	2.36	37.90	2.53	40.40	2.69	43.00	2.88	45.70	3.10
	12	15.60	1.03	25.00	1.65	35.40	2.36	37.90	2.54	40.40	2.71	43.00	2.89	45.70	3.13
	14	15.60	1.03	25.00	1.65	35.40	2.38	37.90	2.55	40.40	2.73	43.00	2.92	45.70	3.16
	16	15.60	1.03	25.00	1.66	35.40	2.41	37.90	2.59	40.40	2.77	43.00	2.97	45.70	3.24
	18	15.60	1.04	25.00	1.69	35.40	2.47	37.90	2.67	40.40	2.87	43.00	3.09	45.70	3.40
	20	15.60	1.05	25.00	1.74	35.40	2.64	37.90	2.88	40.40	3.12	43.00	3.40	45.70	3.86
	21	17.70	1.25	27.00	2.05	37.40	3.24	39.80	3.58	42.20	3.94	44.70	4.33	47.30	4.99
	23	21.80	3.86	30.90	4.53	41.20	5.44	43.50	5.66	45.90	5.89	48.00	6.12	50.30	6.48
	25	26.00	4.56	35.00	5.38	45.20	6.50	47.40	6.77	49.70	7.05	51.50	7.28	53.40	7.72
	27	30.30	5.48	39.20	6.48	49.30	7.89	51.30	8.21	53.50	8.56	54.90	8.79	59.70	9.84
	29	34.80	6.72	43.50	7.93	53.40	9.66	55.40	10.01	57.50	10.41	61.00	11.09	70.70	13.46
	31	39.40	8.30	47.90	9.65	57.80	11.63	59.50	12.02	64.80	13.19	72.10	14.97	81.60	17.96
	33	44.00	10.08	52.40	11.64	62.20	13.98	68.40	15.62	76.20	17.81	83.30	20.01	92.50	23.77
	35	48.90	12.29	57.00	14.09	72.90	18.77	79.80	21.08	87.50	23.84	94.40	26.51	103.4	31.09
	37	48.90	13.07	57.00	15.00	72.90	19.99	79.80	22.44	87.50	25.39	94.40	28.24	103.4	33.05
	39	48.90	13.91	57.00	15.96	72.90	21.29	79.80	23.91	87.50	27.06	94.40	30.11	103.4	35.17
	41	48.90	14.81	57.00	17.00	72.90	22.68	79.80	25.47	87.50	28.85	94.40	32.15	103.4	37.50
	43	48.90	15.78	57.00	18.12	72.90	24.16	79.80	27.14	87.50	30.79	94.40	34.37	99.40	37.85
	46	48.90	17.35	57.00	19.91	72.90	26.57	79.80	29.90	87.40	33.95	87.70	34.13	86.50	34.50
	48	48.90	18.48	57.00	21.21	72.90	28.33	79.20	31.61	79.50	31.81	79.50	31.81	78.50	32.18
	50	48.90	19.69	57.00	22.59	71.80	29.67	72.00	29.76	71.90	29.74	72.00	29.77	70.80	30.03
	52	48.90	20.98	57.00	24.06	62.80	26.40	63.10	26.16	63.20	25.92	63.30	25.66	63.10	25.78
90	10	14.10	0.93	22.50	1.48	31.80	2.11	34.10	2.27	36.40	2.42	38.70	2.58	41.20	2.78
	12	14.10	0.93	22.50	1.48	31.80	2.12	34.10	2.27	36.40	2.43	38.70	2.59	41.20	2.79
	14	14.10	0.93	22.50	1.48	31.80	2.13	34.10	2.29	36.40	2.45	38.70	2.62	41.20	2.82
	16	14.10	0.93	22.50	1.50	31.80	2.15	34.10	2.31	36.40	2.48	38.70	2.65	41.20	2.87
	18	14.10	0.93	22.50	1.51	31.80	2.20	34.10	2.37	36.40	2.54	38.70	2.74	41.20	2.99
	20	14.10	0.94	22.50	1.55	31.80	2.31	34.10	2.51	36.40	2.72	38.70	2.96	41.20	3.32
	21	15.80	1.10	24.30	1.79	33.60	2.77	35.70	3.05	37.90	3.34	40.20	3.64	42.50	4.33
	23	19.60	3.48	27.90	4.29	37.10	5.07	39.10	5.26	41.30	5.45	43.20	5.63	45.20	5.95
	25	23.40	4.31	31.50	5.02	40.60	5.98	42.70	6.21	44.70	6.45	46.30	6.64	48.10	7.00
	27	27.30	5.12	35.20	5.98	44.40	7.18	46.20	7.45	48.10	7.73	49.50	7.92	53.70	8.80
	29	31.30	6.20	39.10	7.24	48.10	8.72	49.80	9.03	51.70	9.35	54.90	9.92	63.60	11.90
	31	35.40	7.60	43.00	8.78	52.00	10.45	53.60	10.78	58.30	11.74	64.90	13.22	73.40	15.70

14. ARUM340LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	39.60	9.19	47.10	10.49	55.90	12.46	61.60	13.83	68.50	15.65	75.00	17.46	83.30	20.56
	35	44.00	11.10	51.30	12.61	65.60	16.52	71.90	18.43	78.70	20.71	85.00	22.88	93.00	26.75
	37	44.00	11.79	51.30	13.41	65.60	17.59	71.90	19.63	78.70	22.05	85.00	24.38	93.00	28.51
	39	44.00	12.54	51.30	14.28	65.60	18.73	71.90	20.90	78.70	23.49	85.00	25.97	93.00	30.40
	41	44.00	13.35	51.30	15.20	65.60	19.95	71.90	22.26	78.70	25.03	85.00	27.68	93.00	32.46
	43	44.00	14.23	51.30	16.20	65.60	21.25	71.90	23.71	78.70	26.67	85.00	29.52	93.00	34.65
	46	44.00	15.65	51.30	17.81	65.60	23.36	71.90	26.08	78.70	29.37	85.00	32.58	86.50	34.52
	48	44.00	16.68	51.30	18.97	65.60	24.89	71.90	27.80	78.60	31.29	79.50	31.81	78.60	32.21
	50	44.00	17.77	51.30	20.21	65.60	26.52	71.20	29.32	71.90	29.73	71.90	29.75	70.90	30.08
	52	44.00	18.94	51.30	21.53	62.70	26.64	62.90	26.39	63.10	26.15	63.10	25.88	63.00	25.99
80	10	12.40	0.83	20.00	1.32	28.40	1.87	30.30	2.01	32.30	2.14	34.40	2.29	36.60	2.46
	12	12.40	0.83	20.00	1.32	28.40	1.87	30.30	2.02	32.30	2.15	34.40	2.29	36.60	2.47
	14	12.40	0.83	20.00	1.32	28.40	1.88	30.30	2.02	32.30	2.17	34.40	2.30	36.60	2.48
	16	12.40	0.82	20.00	1.32	28.40	1.90	30.30	2.04	32.30	2.18	34.40	2.33	36.60	2.52
	18	12.40	0.82	20.00	1.33	28.40	1.92	30.30	2.07	32.30	2.23	34.40	2.40	36.60	2.61
	20	12.40	0.82	20.00	1.35	28.40	2.01	30.30	2.18	32.30	2.36	34.40	2.55	36.60	2.84
	21	14.10	0.96	21.60	1.55	29.90	2.35	31.80	2.57	33.80	2.80	35.70	3.03	37.80	3.56
	23	17.40	3.01	24.80	3.91	33.00	4.71	34.80	4.87	36.70	5.03	38.40	5.18	40.30	5.45
	25	20.80	4.06	28.00	4.68	36.20	5.50	37.90	5.69	39.80	5.88	41.10	6.04	42.80	6.34
	27	24.30	4.77	31.30	5.51	39.40	6.51	41.10	6.73	42.80	6.96	44.00	7.12	47.80	7.84
	29	27.90	5.71	34.80	6.59	42.80	7.82	44.40	8.07	46.00	8.35	48.80	8.84	56.60	10.46
	31	31.50	6.93	38.30	7.93	46.20	9.35	47.60	9.62	51.80	10.41	57.80	11.62	65.30	13.64
	33	35.20	8.33	41.80	9.43	49.80	11.06	54.70	12.18	60.90	13.67	66.60	15.14	74.00	17.64
	35	39.10	9.99	45.60	11.23	58.30	14.45	63.90	16.00	70.00	17.85	75.50	19.61	82.70	22.72
	37	39.10	10.60	45.60	11.94	58.30	15.38	63.90	17.04	70.00	19.01	75.50	20.88	82.70	24.19
	39	39.10	11.26	45.60	12.70	58.30	16.37	63.90	18.15	70.00	20.25	75.50	22.25	82.70	25.77
	41	39.10	11.99	45.60	13.53	58.30	17.44	63.90	19.32	70.00	21.56	75.50	23.69	82.70	27.47
	43	39.10	12.77	45.60	14.40	58.30	18.58	63.90	20.59	70.00	22.97	75.50	25.24	82.70	29.29
	46	39.10	14.04	45.60	15.84	58.30	20.42	63.90	22.62	70.00	25.25	75.50	27.77	82.70	32.34
	48	39.10	14.96	45.60	16.89	58.30	21.75	63.90	24.10	70.00	26.92	75.50	29.64	78.60	32.23
	50	39.10	15.96	45.60	18.00	58.30	23.17	63.90	25.68	70.00	28.70	71.90	29.75	71.00	30.06
	52	39.10	17.02	45.60	19.17	58.30	24.68	62.70	26.71	62.90	26.44	63.00	26.18	62.80	26.30
70	10	10.90	0.72	17.50	1.15	24.80	1.64	26.50	1.75	28.20	1.87	30.10	1.99	32.00	2.14
	12	10.90	0.72	17.50	1.15	24.80	1.64	26.50	1.75	28.20	1.87	30.10	2.00	32.00	2.15
	14	10.90	0.72	17.50	1.15	24.80	1.65	26.50	1.76	28.20	1.88	30.10	2.00	32.00	2.16
	16	10.90	0.72	17.50	1.15	24.80	1.65	26.50	1.77	28.20	1.90	30.10	2.03	32.00	2.18
	18	10.90	0.72	17.50	1.16	24.80	1.67	26.50	1.79	28.20	1.92	30.10	2.06	32.00	2.24
	20	10.90	0.72	17.50	1.17	24.80	1.73	26.50	1.86	28.20	2.00	30.10	2.16	32.00	2.38
	21	12.40	0.83	18.90	1.32	26.20	1.96	27.90	2.13	29.60	2.32	31.30	2.51	33.10	2.88
	23	15.30	2.53	21.60	3.31	28.90	4.37	30.40	4.50	32.10	4.64	33.60	4.76	35.20	4.99
	25	18.20	3.83	24.50	4.34	31.60	5.03	33.20	5.19	34.80	5.35	36.00	5.48	37.40	5.74
	27	21.20	4.43	27.40	5.05	34.50	5.88	35.90	6.07	37.40	6.26	38.40	6.38	41.80	6.97
	29	24.30	5.23	30.40	5.96	37.40	6.98	38.80	7.19	40.30	7.41	42.70	7.80	49.50	9.15
	31	27.50	6.27	33.50	7.14	40.40	8.31	41.70	8.54	45.40	9.19	50.50	10.16	57.10	11.77
	33	30.80	7.49	36.70	8.43	43.50	9.76	47.90	10.66	53.30	11.85	58.30	13.01	64.80	15.02
	35	34.20	8.92	39.90	9.95	51.00	12.54	55.90	13.79	61.20	15.26	66.10	16.65	72.40	19.10
	37	34.20	9.46	39.90	10.56	51.00	13.34	55.90	14.67	61.20	16.25	66.10	17.73	72.40	20.34
	39	34.20	10.04	39.90	11.23	51.00	14.21	55.90	15.63	61.20	17.30	66.10	18.88	72.40	21.66
	41	34.20	10.68	39.90	11.95	51.00	15.13	55.90	16.64	61.20	18.43	66.10	20.11	72.40	23.07
	43	34.20	11.39	39.90	12.73	51.00	16.11	55.90	17.72	61.20	19.63	66.10	21.41	72.40	24.58
	46	34.20	12.52	39.90	14.00	51.00	17.72	55.90	19.49	61.20	21.57	66.10	23.54	72.40	27.05

14. ARUM340LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	34.20	13.35	39.90	14.92	51.00	18.87	55.90	20.75	61.20	22.98	66.10	25.08	72.40	28.85
	50	34.20	14.24	39.90	15.92	51.00	20.11	55.90	22.11	61.20	24.47	66.10	26.73	71.00	30.09
	52	34.20	15.20	39.90	16.96	51.00	21.42	55.90	23.55	61.20	26.08	62.80	26.60	62.50	26.69
60	10	9.40	0.62	15.00	0.98	21.20	1.40	22.80	1.50	24.30	1.60	25.80	1.70	27.40	1.84
	12	9.40	0.62	15.00	0.98	21.20	1.40	22.80	1.50	24.30	1.60	25.80	1.70	27.40	1.84
	14	9.40	0.61	15.00	0.98	21.20	1.40	22.80	1.50	24.30	1.60	25.80	1.72	27.40	1.84
	16	9.40	0.61	15.00	0.98	21.20	1.41	22.80	1.51	24.30	1.61	25.80	1.72	27.40	1.85
	18	9.40	0.61	15.00	0.99	21.20	1.41	22.80	1.52	24.30	1.63	25.80	1.74	27.40	1.89
	20	9.40	0.61	15.00	0.99	21.20	1.45	22.80	1.56	24.30	1.68	25.80	1.81	27.40	1.98
	21	10.60	0.70	16.20	1.10	22.40	1.61	23.80	1.75	25.30	1.89	26.80	2.04	28.40	2.30
	23	13.10	1.80	18.50	2.69	24.70	3.90	26.20	4.15	27.50	4.26	28.80	4.37	30.20	4.55
	25	16.00	3.65	21.00	4.03	27.20	4.59	28.40	4.72	29.80	4.85	30.90	4.96	32.10	5.16
	27	18.20	4.11	23.50	4.61	29.60	5.30	30.80	5.44	32.10	5.60	33.00	5.70	35.90	6.17
	29	20.90	4.78	26.00	5.37	32.10	6.20	33.30	6.36	34.50	6.54	36.60	6.86	42.40	7.93
	31	23.60	5.64	28.70	6.34	34.70	7.32	35.70	7.50	38.80	8.03	43.30	8.82	49.00	10.08
	33	26.40	6.69	31.40	7.46	37.30	8.54	41.00	9.28	45.70	10.19	50.00	11.10	55.40	12.65
	35	29.40	7.88	34.20	8.73	43.70	10.80	47.90	11.77	52.50	12.91	56.60	13.99	62.00	15.88
	37	29.40	8.34	34.20	9.25	43.70	11.47	47.90	12.52	52.50	13.74	56.60	14.89	62.00	16.91
	39	29.40	8.83	34.20	9.82	43.70	12.21	47.90	13.32	52.50	14.62	56.60	15.85	62.00	18.00
	41	29.40	9.37	34.20	10.45	43.70	13.00	47.90	14.19	52.50	15.58	56.60	16.88	62.00	19.17
	43	29.40	9.96	34.20	11.14	43.70	13.84	47.90	15.11	52.50	16.60	56.60	17.98	62.00	20.42
	46	29.40	10.96	34.20	12.27	43.70	15.23	47.90	16.62	52.50	18.25	56.60	19.77	62.00	22.44
	48	29.40	11.71	34.20	13.09	43.70	16.23	47.90	17.71	52.50	19.43	56.60	21.05	62.00	23.90
	50	29.40	12.52	34.20	13.97	43.70	17.30	47.90	18.87	52.50	20.70	56.60	22.42	62.00	25.47
	52	29.40	13.41	34.20	14.90	43.70	18.44	47.90	20.10	52.50	22.05	56.60	23.88	61.90	27.10
50	10	7.80	0.56	12.50	0.82	17.70	1.17	18.90	1.25	20.20	1.33	21.60	1.42	22.90	1.52
	12	7.80	0.56	12.50	0.82	17.70	1.16	18.90	1.25	20.20	1.33	21.60	1.42	22.90	1.52
	14	7.80	0.56	12.50	0.82	17.70	1.16	18.90	1.25	20.20	1.33	21.60	1.42	22.90	1.53
	16	7.80	0.56	12.50	0.81	17.70	1.16	18.90	1.25	20.20	1.33	21.60	1.43	22.90	1.53
	18	7.80	0.56	12.50	0.82	17.70	1.17	18.90	1.26	20.20	1.34	21.60	1.44	22.90	1.55
	20	7.80	0.56	12.50	0.82	17.70	1.19	18.90	1.27	20.20	1.37	21.60	1.47	22.90	1.60
	21	8.80	0.57	13.40	0.90	18.70	1.30	19.90	1.40	21.10	1.50	22.30	1.61	23.60	1.79
	23	10.90	1.24	15.50	1.84	20.60	3.13	21.80	3.32	22.90	3.54	24.00	3.75	25.20	4.13
	25	14.60	3.59	17.50	3.73	22.60	4.18	23.70	4.27	24.80	4.38	25.70	4.46	26.70	4.62
	27	15.30	3.83	19.60	4.20	24.60	4.74	25.70	4.85	26.70	4.97	27.50	5.05	29.90	5.43
	29	17.40	4.33	21.70	4.81	26.70	5.45	27.70	5.59	28.70	5.73	30.50	5.97	35.40	6.80
	31	19.70	5.03	24.00	5.59	28.90	6.37	29.80	6.52	32.30	6.94	36.10	7.57	40.80	8.56
	33	22.10	5.91	26.20	6.52	31.10	7.39	34.20	7.96	38.10	8.69	41.60	9.38	46.20	10.54
	35	24.50	6.87	28.50	7.56	36.40	9.21	39.90	9.95	43.70	10.80	47.20	11.60	51.70	13.00
	37	24.50	7.24	28.50	7.98	36.40	9.78	39.90	10.56	43.70	11.48	47.20	12.33	51.70	13.84
	39	24.50	7.64	28.50	8.44	36.40	10.39	39.90	11.23	43.70	12.22	47.20	13.13	51.70	14.73
	41	24.50	8.08	28.50	8.97	36.40	11.04	39.90	11.95	43.70	13.00	47.20	13.98	51.70	15.69
	43	24.50	8.57	28.50	9.54	36.40	11.77	39.90	12.73	43.70	13.84	47.20	14.88	51.70	16.71
	46	24.50	9.40	28.50	10.48	36.40	12.94	39.90	14.00	43.70	15.23	47.20	16.37	51.70	18.37
	48	24.50	10.03	28.50	11.19	36.40	13.80	39.90	14.92	43.70	16.24	47.20	17.45	51.70	19.57
	50	24.50	10.71	28.50	11.96	36.40	14.73	39.90	15.92	43.70	17.31	47.20	18.59	51.70	20.85
	52	24.50	11.46	28.50	12.80	36.40	15.71	39.90	16.98	43.70	18.45	47.20	19.81	51.70	22.21

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

14. ARUM340LTE6

14.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	63.70	29.56	63.20	29.81	62.70	30.06	62.50	30.18	62.30	30.31	61.80	30.55
	-24.8	-25	74.20	31.07	73.70	31.35	73.10	31.62	72.80	31.75	72.60	31.90	72.10	32.16
	-21.8	-22	80.80	31.94	80.20	32.23	79.60	32.52	79.30	32.67	79.10	32.80	78.50	33.09
	-19.8	-20	85.40	32.52	84.80	32.82	84.20	33.12	83.80	33.27	83.60	33.42	83.00	33.72
	-18.8	-19	87.80	32.81	87.10	33.12	86.50	33.43	86.20	33.58	85.90	33.73	85.30	34.02
	-16.7	-17	92.60	33.40	92.00	33.72	91.40	34.04	91.00	34.20	90.80	34.35	90.10	34.65
	-15	-15.9	95.70	33.74	95.00	34.07	94.30	34.40	94.00	34.56	93.60	34.72	93.00	35.03
	-13.7	-15	98.40	34.06	97.70	34.40	97.10	34.73	96.70	34.90	96.40	35.06	95.80	35.38
	-11.8	-13	103.3	34.62	102.6	34.97	101.9	35.31	101.5	35.48	101.2	35.64	100.5	35.97
	-9.8	-11	108.9	35.23	108.1	35.58	107.3	35.93	106.9	36.10	106.6	36.27	105.9	36.60
	-9.5	-10	111.5	35.51	110.8	35.87	110.0	36.23	109.6	36.40	109.2	36.58	108.4	36.91
	-8.5	-9.1	114.2	35.79	113.4	36.16	112.6	36.51	112.2	36.69	111.8	36.86	111.0	37.21
	-7	-7.6	118.7	36.26	117.9	36.64	117.0	37.00	116.7	37.18	116.2	37.36	115.4	37.71
	-5	-5.6	125.0	36.90	124.1	37.28	123.2	37.65	122.8	37.84	122.3	38.02	121.4	38.38
	-3	-3.7	131.1	37.51	130.2	37.91	129.3	38.29	128.8	38.48	128.4	38.67	121.9	36.40
	0	-0.7	141.3	38.51	140.3	38.91	139.1	39.22	134.8	37.74	130.5	36.24	121.9	33.28
	3	2.2	151.5	39.47	147.9	38.81	139.2	35.98	134.8	34.60	130.5	33.23	121.9	30.56
	5	4.1	156.6	39.38	147.9	36.66	139.2	34.01	134.8	32.72	130.5	31.44	121.9	28.93
	7	6	156.6	37.15	147.9	34.59	139.2	32.11	134.8	30.89	130.5	29.69	121.9	27.34
	9	7.9	156.6	34.97	147.9	32.58	139.2	30.25	134.8	29.11	130.5	27.99	121.9	25.79
	11	9.8	156.6	32.89	147.9	30.66	139.2	28.49	134.8	27.42	130.5	26.38	121.9	24.33
	13	11.8	156.6	30.80	147.9	28.73	139.2	26.73	134.8	25.74	130.5	24.77	121.9	22.87
	15	13.7	156.6	28.93	147.9	27.01	139.2	25.14	134.8	24.23	130.5	23.32	121.9	21.55
120	-30	-30.2	63.40	29.70	62.90	29.95	62.50	30.20	62.30	30.31	62.00	30.43	61.60	30.68
	-24.8	-25	73.90	31.25	73.30	31.52	72.80	31.80	72.50	31.93	72.30	32.06	71.70	32.33
	-21.8	-22	80.40	32.15	79.80	32.44	79.20	32.72	78.90	32.87	78.60	33.00	78.10	33.28
	-19.8	-20	84.90	32.75	84.30	33.05	83.80	33.35	83.40	33.50	83.10	33.64	82.50	33.93
	-18.8	-19	87.30	33.05	86.70	33.36	86.00	33.67	85.70	33.82	85.40	33.95	84.80	34.25
	-16.7	-17	92.10	33.67	91.50	33.99	90.80	34.30	90.50	34.45	90.20	34.60	89.60	34.90
	-15	-15.9	95.00	34.03	94.40	34.36	93.80	34.67	93.40	34.83	93.10	34.99	92.50	35.29
	-13.7	-15	97.80	34.36	97.10	34.70	96.50	35.02	96.20	35.18	95.80	35.34	95.30	35.65
	-11.8	-13	102.7	34.94	102.0	35.29	101.3	35.62	101.0	35.78	100.6	35.94	99.90	36.26
	-9.8	-11	108.2	35.58	107.3	35.93	106.6	36.26	106.2	36.43	105.9	36.60	105.1	36.93
	-9.5	-10	110.8	35.88	110.0	36.23	109.2	36.58	108.8	36.75	108.4	36.91	107.7	37.24
	-8.5	-9.1	113.3	36.18	112.6	36.53	111.7	36.88	111.4	37.05	111.0	37.22	110.2	37.56
	-7	-7.6	117.8	36.67	117.0	37.03	116.1	37.39	115.8	37.56	115.4	37.74	112.4	37.03
	-5	-5.6	123.9	37.34	123.0	37.72	122.1	38.08	121.7	38.25	120.5	38.02	112.4	34.91
	-3	-3.7	130.0	38.00	129.1	38.38	128.2	38.75	124.5	37.39	120.5	35.91	112.4	33.00
	0	-0.7	139.9	39.05	136.5	38.32	128.5	35.55	124.5	34.18	120.5	32.84	112.4	30.21
	3	2.2	144.5	37.71	136.5	35.13	128.5	32.61	124.5	31.38	120.5	30.17	112.4	27.78
	5	4.1	144.5	35.63	136.5	33.21	128.5	30.85	124.5	29.69	120.5	28.55	112.4	26.32
	7	6	144.5	33.63	136.5	31.36	128.5	29.14	124.5	28.05	120.5	26.98	112.4	24.88
	9	7.9	144.5	31.68	136.5	29.55	128.5	27.48	124.5	26.46	120.5	25.46	112.4	23.49
	11	9.8	144.5	29.81	136.5	27.83	128.5	25.90	124.5	24.95	120.5	24.02	112.4	22.18
	13	11.8	144.5	27.96	136.5	26.12	128.5	24.33	124.5	23.44	120.5	22.58	112.4	20.87

14. ARUM340LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	144.5	26.29	136.5	24.58	128.5	22.91	124.5	22.09	120.5	21.28	112.4	19.69
110	-30	-30.2	63.10	29.86	62.70	30.11	62.20	30.35	62.00	30.48	61.80	30.59	61.30	30.83
	-24.8	-25	73.50	31.46	72.90	31.73	72.40	32.00	72.10	32.13	71.90	32.26	71.40	32.52
	-21.8	-22	79.90	32.40	79.30	32.68	78.80	32.96	78.40	33.10	78.20	33.23	77.70	33.51
	-19.8	-20	84.30	33.02	83.80	33.32	83.20	33.60	82.90	33.75	82.70	33.90	82.00	34.17
	-18.8	-19	86.70	33.34	86.00	33.64	85.50	33.94	85.10	34.08	84.90	34.22	84.40	34.51
	-16.7	-17	91.50	33.98	90.80	34.29	90.20	34.60	89.90	34.75	89.60	34.90	89.00	35.18
	-15	-15.9	94.30	34.36	93.80	34.68	93.10	34.99	92.70	35.14	92.50	35.29	91.80	35.59
	-13.7	-15	97.10	34.71	96.40	35.04	95.80	35.35	95.50	35.52	95.10	35.67	94.60	35.97
	-11.8	-13	101.9	35.32	101.2	35.66	100.5	35.98	100.1	36.14	99.90	36.30	99.20	36.61
	-9.8	-11	107.3	35.98	106.4	36.33	105.7	36.66	105.3	36.82	105.0	36.98	103.0	36.64
	-9.5	-10	109.8	36.30	109.1	36.65	108.3	36.98	107.9	37.15	107.5	37.31	103.0	35.68
	-8.5	-9.1	112.4	36.61	111.5	36.96	110.8	37.30	110.4	37.47	110.1	37.63	103.0	34.76
	-7	-7.6	116.7	37.14	115.9	37.49	115.1	37.84	114.1	37.71	110.5	36.21	103.0	33.29
	-5	-5.6	122.7	37.85	121.9	38.22	117.8	36.97	114.1	35.55	110.5	34.15	103.0	31.41
	-3	-3.7	128.7	38.55	125.1	37.65	117.8	34.93	114.1	33.60	110.5	32.28	103.0	29.72
	0	-0.7	132.6	36.93	125.1	34.41	117.8	31.96	114.1	30.76	110.5	29.57	103.0	27.24
	3	2.2	132.6	33.87	125.1	31.59	117.8	29.37	114.1	28.28	110.5	27.20	103.0	25.09
	5	4.1	132.6	32.02	125.1	29.88	117.8	27.80	114.1	26.78	110.5	25.76	103.0	23.79
	7	6	132.6	30.24	125.1	28.24	117.8	26.27	114.1	25.31	110.5	24.36	103.0	22.50
	9	7.9	132.6	28.51	125.1	26.63	117.8	24.80	114.1	23.90	110.5	23.02	103.0	21.27
	11	9.8	132.6	26.86	125.1	25.11	117.8	23.40	114.1	22.56	110.5	21.73	103.0	20.11
	13	11.8	132.6	25.21	125.1	23.59	117.8	22.01	114.1	21.22	110.5	20.45	103.0	18.94
	15	13.7	132.6	23.74	125.1	22.23	117.8	20.75	114.1	20.01	110.5	19.30	103.0	17.89
100	-30	-30.2	62.70	30.06	62.30	30.30	61.80	30.54	61.60	30.66	61.40	30.77	61.00	31.01
	-24.8	-25	73.00	31.71	72.40	31.98	71.90	32.24	71.70	32.37	71.40	32.50	71.00	32.75
	-21.8	-22	79.30	32.68	78.80	32.97	78.20	33.24	77.90	33.38	77.70	33.51	77.20	33.78
	-19.8	-20	83.80	33.34	83.10	33.63	82.50	33.92	82.30	34.05	82.00	34.20	81.50	34.46
	-18.8	-19	86.00	33.67	85.40	33.97	84.80	34.25	84.60	34.40	84.20	34.53	83.70	34.81
	-16.7	-17	90.80	34.35	90.10	34.65	89.50	34.95	89.20	35.10	88.90	35.23	88.30	35.52
	-15	-15.9	93.60	34.75	92.90	35.06	92.30	35.36	92.00	35.51	91.70	35.66	91.10	35.95
	-13.7	-15	96.20	35.12	95.70	35.44	95.10	35.75	94.70	35.90	94.40	36.05	93.70	36.26
	-11.8	-13	101.0	35.76	100.3	36.08	99.60	36.40	99.30	36.56	99.00	36.71	93.70	34.47
	-9.8	-11	106.2	36.46	105.5	36.79	104.7	37.11	103.7	36.94	100.4	35.49	93.70	32.64
	-9.5	-10	108.7	36.80	107.9	37.13	107.1	37.39	103.7	35.96	100.4	34.55	93.70	31.80
	-8.5	-9.1	111.2	37.13	110.4	37.46	107.1	36.42	103.7	35.03	100.4	33.67	93.70	30.99
	-7	-7.6	115.4	37.69	113.8	37.57	107.1	34.88	103.7	33.55	100.4	32.25	93.70	29.69
	-5	-5.6	120.5	38.02	113.8	35.43	107.1	32.90	103.7	31.67	100.4	30.44	93.70	28.05
	-3	-3.7	120.5	35.91	113.8	33.48	107.1	31.11	103.7	29.94	100.4	28.80	93.70	26.56
	0	-0.7	120.5	32.84	113.8	30.64	107.1	28.51	103.7	27.45	100.4	26.42	93.70	24.39
	3	2.2	120.5	30.17	113.8	28.17	107.1	26.23	103.7	25.28	100.4	24.34	93.70	22.49
	5	4.1	120.5	28.55	113.8	26.68	107.1	24.86	103.7	23.96	100.4	23.08	93.70	21.34
	7	6	120.5	26.98	113.8	25.22	107.1	23.51	103.7	22.67	100.4	21.84	93.70	20.20
	9	7.9	120.5	25.46	113.8	23.82	107.1	22.22	103.7	21.43	100.4	20.65	93.70	19.12
	11	9.8	120.5	24.02	113.8	22.49	107.1	20.99	103.7	20.25	100.4	19.53	93.70	18.10
	13	11.8	120.5	22.58	113.8	21.15	107.1	19.76	103.7	19.08	100.4	18.40	93.70	17.08
	15	13.7	120.5	21.28	113.8	19.95	107.1	18.66	103.7	18.01	100.4	17.38	93.70	16.15

14. ARUM340LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	62.30	30.29	61.80	30.53	61.40	30.76	61.30	30.87	61.00	30.99	60.60	31.21
	-24.8	-25	72.40	32.01	71.90	32.28	71.40	32.53	71.20	32.66	70.80	32.78	70.30	33.03
	-21.8	-22	78.60	33.03	78.10	33.30	77.50	33.58	77.20	33.71	77.00	33.83	76.50	34.09
	-19.8	-20	82.90	33.72	82.40	34.00	81.80	34.28	81.60	34.42	81.30	34.55	80.70	34.81
	-18.8	-19	85.20	34.07	84.60	34.36	84.00	34.63	83.70	34.78	83.50	34.91	82.90	35.18
	-16.7	-17	89.90	34.78	89.20	35.08	88.60	35.37	88.30	35.51	88.00	35.65	84.30	34.10
	-15	-15.9	92.70	35.21	92.00	35.51	91.40	35.81	91.10	35.95	90.30	35.83	84.30	32.96
	-13.7	-15	95.30	35.61	94.70	35.92	94.00	36.22	93.30	36.13	90.30	34.70	84.30	31.91
	-11.8	-13	99.90	36.28	99.20	36.60	96.40	35.67	93.30	34.32	90.30	32.98	84.30	30.36
	-9.8	-11	104.9	37.03	102.4	36.36	96.40	33.77	93.30	32.50	90.30	31.23	84.30	28.76
	-9.5	-10	107.3	37.38	102.4	35.40	96.40	32.89	93.30	31.66	90.30	30.44	84.30	28.06
	-8.5	-9.1	108.4	36.98	102.4	34.48	96.40	32.06	93.30	30.85	90.30	29.68	84.30	27.36
	-7	-7.6	108.4	35.41	102.4	33.03	96.40	30.71	93.30	29.57	90.30	28.45	84.30	26.24
	-5	-5.6	108.4	33.40	102.4	31.17	96.40	28.99	93.30	27.93	90.30	26.88	84.30	24.81
	-3	-3.7	108.4	31.57	102.4	29.49	96.40	27.45	93.30	26.44	90.30	25.45	84.30	23.51
	0	-0.7	108.4	28.93	102.4	27.04	96.40	25.20	93.30	24.29	90.30	23.39	84.30	21.63
	3	2.2	108.4	26.62	102.4	24.91	96.40	23.23	93.30	22.40	90.30	21.59	84.30	19.99
	5	4.1	108.4	25.22	102.4	23.60	96.40	22.03	93.30	21.25	90.30	20.49	84.30	18.98
	7	6	108.4	23.85	102.4	22.34	96.40	20.86	93.30	20.13	90.30	19.41	84.30	17.99
	9	7.9	108.4	22.53	102.4	21.12	96.40	19.74	93.30	19.05	90.30	18.37	84.30	17.05
	11	9.8	108.4	21.29	102.4	19.97	96.40	18.67	93.30	18.03	90.30	17.40	84.30	16.15
	13	11.8	108.4	20.03	102.4	18.81	96.40	17.60	93.30	17.01	90.30	16.42	84.30	15.27
	15	13.7	108.4	18.91	102.4	17.76	96.40	16.63	93.30	16.08	90.30	15.53	84.30	14.46
80	-30	-30.2	61.80	30.57	61.30	30.81	60.90	31.04	60.70	31.14	60.50	31.26	60.10	31.47
	-24.8	-25	71.70	32.38	71.20	32.64	70.70	32.89	70.50	33.01	70.20	33.12	69.70	33.37
	-21.8	-22	77.70	33.46	77.20	33.73	76.70	33.98	76.50	34.11	76.10	34.24	75.00	34.02
	-19.8	-20	82.00	34.18	81.50	34.46	80.90	34.73	80.60	34.86	80.20	34.89	75.00	32.20
	-18.8	-19	84.20	34.56	83.70	34.83	83.10	35.11	82.80	35.24	80.30	34.01	75.00	31.34
	-16.7	-17	88.70	35.31	88.10	35.60	85.70	34.74	83.00	33.45	80.30	32.18	75.00	29.66
	-15	-15.9	91.50	35.77	90.90	36.06	85.70	33.59	83.00	32.34	80.30	31.10	75.00	28.67
	-13.7	-15	94.10	36.20	91.00	35.01	85.70	32.52	83.00	31.29	80.30	30.09	75.00	27.72
	-11.8	-13	96.40	35.67	91.00	33.28	85.70	30.93	83.00	29.79	80.30	28.66	75.00	26.41
	-9.8	-11	96.40	33.77	91.00	31.51	85.70	29.31	83.00	28.23	80.30	27.16	75.00	25.07
	-9.5	-10	96.40	32.89	91.00	30.71	85.70	28.59	83.00	27.55	80.30	26.52	75.00	24.50
	-8.5	-9.1	96.40	32.06	91.00	29.94	85.70	27.88	83.00	26.86	80.30	25.86	75.00	23.89
	-7	-7.6	96.40	30.71	91.00	28.70	85.70	26.73	83.00	25.76	80.30	24.81	75.00	22.92
	-5	-5.6	96.40	28.99	91.00	27.11	85.70	25.27	83.00	24.36	80.30	23.46	75.00	21.70
	-3	-3.7	96.40	27.45	91.00	25.67	85.70	23.94	83.00	23.09	80.30	22.25	75.00	20.60
	0	-0.7	96.40	25.20	91.00	23.59	85.70	22.02	83.00	21.25	80.30	20.48	75.00	18.98
	3	2.2	96.40	23.23	91.00	21.77	85.70	20.35	83.00	19.64	80.30	18.94	75.00	17.58
	5	4.1	96.40	22.03	91.00	20.66	85.70	19.32	83.00	18.65	80.30	18.00	75.00	16.71
	7	6	96.40	20.86	91.00	19.56	85.70	18.31	83.00	17.69	80.30	17.07	75.00	15.86
	9	7.9	96.40	19.74	91.00	18.52	85.70	17.35	83.00	16.77	80.30	16.19	75.00	15.06
	11	9.8	96.40	18.67	91.00	17.53	85.70	16.43	83.00	15.89	80.30	15.34	75.00	14.28
	13	11.8	96.40	17.60	91.00	16.55	85.70	15.52	83.00	15.01	80.30	14.51	75.00	13.52
	15	13.7	96.40	16.63	91.00	15.65	85.70	14.69	83.00	14.22	80.30	13.75	75.00	12.82
70	-30	-30.2	61.10	30.94	60.70	31.16	60.30	31.37	60.10	31.49	59.90	31.60	59.50	31.80

14. ARUM340LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	70.70	32.84	70.30	33.09	69.80	33.32	69.60	33.44	69.40	33.55	65.60	31.56
	-21.8	-22	76.70	33.99	76.10	34.24	75.00	34.02	72.60	32.76	70.20	31.52	65.60	29.09
	-19.8	-20	80.90	34.76	79.70	34.61	75.00	32.20	72.60	31.02	70.20	29.85	65.60	27.56
	-18.8	-19	83.00	35.16	79.70	33.66	75.00	31.34	72.60	30.19	70.20	29.06	65.60	26.83
	-16.7	-17	84.30	34.10	79.70	31.85	75.00	29.66	72.60	28.58	70.20	27.51	65.60	25.42
	-15	-15.9	84.30	32.97	79.70	30.79	75.00	28.67	72.60	27.62	70.20	26.57	65.60	24.53
	-13.7	-15	84.30	31.91	79.70	29.79	75.00	27.73	72.60	26.71	70.20	25.70	65.60	23.74
	-11.8	-13	84.30	30.36	79.70	28.37	75.00	26.41	72.60	25.44	70.20	24.50	65.60	22.63
	-9.8	-11	84.30	28.76	79.70	26.89	75.00	25.07	72.60	24.16	70.20	23.28	65.60	21.53
	-9.5	-10	84.30	28.06	79.70	26.26	75.00	24.50	72.60	23.63	70.20	22.76	65.60	21.07
	-8.5	-9.1	84.30	27.36	79.70	25.61	75.00	23.89	72.60	23.04	70.20	22.21	65.60	20.56
	-7	-7.6	84.30	26.24	79.70	24.57	75.00	22.92	72.60	22.12	70.20	21.32	65.60	19.75
	-5	-5.6	84.30	24.81	79.70	23.24	75.00	21.71	72.60	20.95	70.20	20.20	65.60	18.73
	-3	-3.7	84.30	23.51	79.70	22.04	75.00	20.60	72.60	19.89	70.20	19.18	65.60	17.79
	0	-0.7	84.30	21.63	79.70	20.30	75.00	18.98	72.60	18.34	70.20	17.71	65.60	16.44
	3	2.2	84.30	19.99	79.70	18.77	75.00	17.58	72.60	16.99	70.20	16.41	65.60	15.26
	5	4.1	84.30	18.98	79.70	17.83	75.00	16.71	72.60	16.15	70.20	15.60	65.60	14.52
	7	6	84.30	17.99	79.70	16.92	75.00	15.86	72.60	15.34	70.20	14.82	65.60	13.81
	9	7.9	84.30	17.05	79.70	16.04	75.00	15.06	72.60	14.57	70.20	14.09	65.60	13.13
	11	9.8	84.30	16.15	79.70	15.21	75.00	14.28	72.60	13.83	70.20	13.38	65.60	12.49
	13	11.8	84.30	15.27	79.70	14.38	75.00	13.52	72.60	13.09	70.20	12.67	65.60	11.84
	15	13.7	84.30	14.46	79.70	13.64	75.00	12.82	72.60	12.42	70.20	12.03	65.60	11.25
60	-30	-30.2	60.20	31.40	59.90	31.61	59.50	31.82	59.20	31.93	59.00	32.03	56.20	30.40
	-24.8	-25	69.60	33.43	68.30	33.07	64.30	30.81	62.20	29.70	60.20	28.60	56.20	26.42
	-21.8	-22	72.30	32.58	68.30	30.47	64.30	28.41	62.20	27.39	60.20	26.38	56.20	24.39
	-19.8	-20	72.30	30.86	68.30	28.87	64.30	26.91	62.20	25.96	60.20	25.01	56.20	23.14
	-18.8	-19	72.30	30.03	68.30	28.09	64.30	26.20	62.20	25.27	60.20	24.36	56.20	22.54
	-16.7	-17	72.30	28.43	68.30	26.61	64.30	24.83	62.20	23.95	60.20	23.09	56.20	21.38
	-15	-15.9	72.30	27.46	68.30	25.69	64.30	23.96	62.20	23.11	60.20	22.27	56.20	20.61
	-13.7	-15	72.30	26.57	68.30	24.86	64.30	23.19	62.20	22.37	60.20	21.56	56.20	19.96
	-11.8	-13	72.30	25.31	68.30	23.69	64.30	22.10	62.20	21.32	60.20	20.56	56.20	19.04
	-9.8	-11	72.30	24.04	68.30	22.53	64.30	21.02	62.20	20.28	60.20	19.56	56.20	18.13
	-9.5	-10	72.30	23.49	68.30	22.03	64.30	20.60	62.20	19.89	60.20	19.18	56.20	17.81
	-8.5	-9.1	72.30	22.92	68.30	21.50	64.30	20.10	62.20	19.41	60.20	18.73	56.20	17.39
	-7	-7.6	72.30	22.01	68.30	20.65	64.30	19.31	62.20	18.66	60.20	18.01	56.20	16.73
	-5	-5.6	72.30	20.84	68.30	19.57	64.30	18.32	62.20	17.70	60.20	17.09	56.20	15.89
	-3	-3.7	72.30	19.79	68.30	18.58	64.30	17.41	62.20	16.83	60.20	16.25	56.20	15.12
	0	-0.7	72.30	18.25	68.30	17.16	64.30	16.09	62.20	15.56	60.20	15.04	56.20	14.01
	3	2.2	72.30	16.91	68.30	15.91	64.30	14.94	62.20	14.45	60.20	13.99	56.20	13.05
	5	4.1	72.30	16.08	68.30	15.14	64.30	14.22	62.20	13.76	60.20	13.32	56.20	12.43
	7	6	72.30	15.26	68.30	14.39	64.30	13.53	62.20	13.10	60.20	12.68	56.20	11.84
	9	7.9	72.30	14.50	68.30	13.67	64.30	12.87	62.20	12.46	60.20	12.07	56.20	11.28
	11	9.8	72.30	13.77	68.30	13.00	64.30	12.23	62.20	11.85	60.20	11.49	56.20	10.76
	13	11.8	72.30	13.03	68.30	12.31	64.30	11.60	62.20	11.25	60.20	10.91	56.20	10.22
	15	13.7	72.30	12.37	68.30	11.69	64.30	11.03	62.20	10.71	60.20	10.38	56.20	9.74
50	-30	-30.2	59.00	32.01	56.90	30.82	53.50	28.74	51.90	27.72	50.20	26.71	46.90	24.72
	-24.8	-25	60.20	28.60	56.90	26.79	53.50	25.01	51.90	24.13	50.20	23.27	46.90	21.56

14. ARUM340LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	60.20	26.38	56.90	24.72	53.50	23.10	51.90	22.30	50.20	21.51	46.90	19.95
	-19.8	-20	60.20	25.01	56.90	23.45	53.50	21.92	51.90	21.16	50.20	20.42	46.90	18.95
	-18.8	-19	60.20	24.36	56.90	22.84	53.50	21.35	51.90	20.62	50.20	19.90	46.90	18.47
	-16.7	-17	60.20	23.09	56.90	21.67	53.50	20.27	51.90	19.57	50.20	18.89	46.90	17.55
	-15	-15.9	60.20	22.27	56.90	20.88	53.50	19.54	51.90	18.86	50.20	18.21	46.90	16.91
	-13.7	-15	60.20	21.56	56.90	20.22	53.50	18.91	51.90	18.27	50.20	17.63	46.90	16.38
	-11.8	-13	60.20	20.56	56.90	19.29	53.50	18.05	51.90	17.44	50.20	16.84	46.90	15.65
	-9.8	-11	60.20	19.56	56.90	18.36	53.50	17.19	51.90	16.62	50.20	16.04	46.90	14.92
	-9.5	-10	60.20	19.18	56.90	18.04	53.50	16.91	51.90	16.35	50.20	15.80	46.90	14.71
	-8.5	-9.1	60.20	18.73	56.90	17.62	53.50	16.52	51.90	15.98	50.20	15.44	46.90	14.38
	-7	-7.6	60.20	18.01	56.90	16.94	53.50	15.89	51.90	15.37	50.20	14.87	46.90	13.86
	-5	-5.6	60.20	17.09	56.90	16.09	53.50	15.10	51.90	14.61	50.20	14.13	46.90	13.19
	-3	-3.7	60.20	16.25	56.90	15.32	53.50	14.39	51.90	13.92	50.20	13.48	46.90	12.58
	0	-0.7	60.20	15.04	56.90	14.18	53.50	13.34	51.90	12.92	50.20	12.51	46.90	11.69
	3	2.2	60.20	13.99	56.90	13.20	53.50	12.42	51.90	12.05	50.20	11.67	46.90	10.93
	5	4.1	60.20	13.32	56.90	12.58	53.50	11.86	51.90	11.50	50.20	11.14	46.90	10.44
	7	6	60.20	12.68	56.90	11.99	53.50	11.30	51.90	10.96	50.20	10.63	46.90	9.97
	9	7.9	60.20	12.07	56.90	11.41	53.50	10.78	51.90	10.45	50.20	10.14	46.90	9.53
	11	9.8	60.20	11.49	56.90	10.87	53.50	10.27	51.90	9.98	50.20	9.69	46.90	9.11
	13	11.8	60.20	10.91	56.90	10.34	53.50	9.77	51.90	9.50	50.20	9.22	46.90	8.68
	15	13.7	60.20	10.38	56.90	9.85	53.50	9.32	51.90	9.06	50.20	8.80	46.90	8.29

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

14. ARUM340LTE6

14.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	63.70	29.56	63.20	29.81	62.70	30.06	62.50	30.18	62.30	30.31	61.80	30.55
	-24.8	-25	74.20	31.07	73.70	31.35	73.10	31.62	72.80	31.75	72.60	31.90	72.10	32.16
	-21.8	-22	80.80	31.94	80.20	32.23	79.60	32.52	79.30	32.67	79.10	32.80	78.50	33.09
	-19.8	-20	85.40	32.52	84.80	32.82	84.20	33.12	83.80	33.27	83.60	33.42	83.00	33.72
	-18.8	-19	87.80	32.81	87.10	33.12	86.50	33.43	86.20	33.58	85.90	33.73	85.30	34.02
	-16.7	-17	92.60	33.40	92.00	33.72	91.40	34.04	91.00	34.20	90.80	34.35	90.10	34.65
	-15	-15.9	95.70	33.74	95.00	34.07	94.30	34.40	94.00	34.56	93.60	34.72	93.00	35.03
	-13.7	-15	98.40	34.06	97.70	34.40	97.10	34.73	96.70	34.90	96.40	35.06	95.80	35.38
	-11.8	-13	103.3	34.62	102.6	34.97	101.9	35.31	101.5	35.48	101.2	35.64	100.5	35.97
	-9.8	-11	108.9	35.23	108.1	35.58	107.3	35.93	106.9	36.10	106.6	36.27	105.9	36.60
	-9.5	-10	111.5	35.51	110.8	35.87	110.0	36.23	109.6	36.40	109.2	36.58	108.4	36.91
	-8.5	-9.1	114.2	35.79	113.4	36.16	112.6	36.51	112.2	36.69	111.8	36.86	111.0	37.21
	-7	-7.6	118.7	36.26	117.9	36.64	117.0	37.00	116.7	37.18	116.2	37.36	115.4	37.71
	-5	-5.6	125.0	36.90	124.1	37.28	123.2	37.65	122.8	37.84	122.3	38.02	121.4	38.38
	-3	-3.7	131.1	37.51	130.2	37.91	129.3	38.29	128.8	38.48	128.4	38.67	121.9	36.40
	0	-0.7	141.3	38.51	140.3	38.91	139.1	39.22	134.8	37.74	130.5	36.24	121.9	33.28
	3	2.2	151.5	39.47	147.9	38.81	139.2	35.98	134.8	34.60	130.5	33.23	121.9	30.56
	5	4.1	148.2	35.93	139.4	33.31	130.7	30.77	126.3	29.52	121.9	28.29	113.0	25.87
	7	6	139.6	30.71	130.7	28.35	121.9	26.06	117.4	24.93	112.9	23.83	104.0	21.66
	9	7.9	130.7	25.98	121.7	23.89	112.7	21.84	108.3	20.85	103.7	19.86	94.70	17.93
	11	9.8	121.5	21.77	112.5	19.92	103.4	18.12	98.80	17.24	94.20	16.36	85.00	14.66
	13	11.8	112.0	17.99	102.9	16.38	93.70	14.81	89.10	14.04	84.50	13.28	75.00	11.79
	15	13.7	102.2	14.75	93.00	13.35	83.60	11.98	78.90	11.31	74.30	10.66	64.70	9.36
120	-30	-30.2	63.40	29.70	62.90	29.95	62.50	30.20	62.30	30.31	62.00	30.43	61.60	30.68
	-24.8	-25	73.90	31.25	73.30	31.52	72.80	31.80	72.50	31.93	72.30	32.06	71.70	32.33
	-21.8	-22	80.40	32.15	79.80	32.44	79.20	32.72	78.90	32.87	78.60	33.00	78.10	33.28
	-19.8	-20	84.90	32.75	84.30	33.05	83.80	33.35	83.40	33.50	83.10	33.64	82.50	33.93
	-18.8	-19	87.30	33.05	86.70	33.36	86.00	33.67	85.70	33.82	85.40	33.95	84.80	34.25
	-16.7	-17	92.10	33.67	91.50	33.99	90.80	34.30	90.50	34.45	90.20	34.60	89.60	34.90
	-15	-15.9	95.00	34.03	94.40	34.36	93.80	34.67	93.40	34.83	93.10	34.99	92.50	35.29
	-13.7	-15	97.80	34.36	97.10	34.70	96.50	35.02	96.20	35.18	95.80	35.34	95.30	35.65
	-11.8	-13	102.7	34.94	102.0	35.29	101.3	35.62	101.0	35.78	100.6	35.94	99.90	36.26
	-9.8	-11	108.2	35.58	107.3	35.93	106.6	36.26	106.2	36.43	105.9	36.60	105.1	36.93
	-9.5	-10	110.8	35.88	110.0	36.23	109.2	36.58	108.8	36.75	108.4	36.91	107.7	37.24
	-8.5	-9.1	113.3	36.18	112.6	36.53	111.7	36.88	111.4	37.05	111.0	37.22	110.2	37.56
	-7	-7.6	117.8	36.67	117.0	37.03	116.1	37.39	115.8	37.56	115.4	37.74	112.4	37.03
	-5	-5.6	123.9	37.34	123.0	37.72	122.1	38.08	121.7	38.25	120.5	38.02	112.4	34.91
	-3	-3.7	130.0	38.00	129.1	38.38	128.2	38.75	124.5	37.39	120.5	35.91	112.4	33.00
	0	-0.7	139.9	39.05	136.5	38.32	128.5	35.55	124.5	34.18	120.5	32.84	112.4	30.21
	3	2.2	144.5	37.71	136.5	35.13	128.5	32.61	124.5	31.38	120.5	30.17	112.4	27.78
	5	4.1	136.8	32.54	128.7	30.22	120.7	27.94	116.6	26.83	112.5	25.72	104.4	23.57
	7	6	128.9	27.86	120.7	25.76	112.5	23.72	108.4	22.71	104.2	21.73	96.00	19.79
	9	7.9	120.7	23.62	112.4	21.76	104.1	19.93	100.0	19.04	95.70	18.16	87.40	16.43
	11	9.8	112.2	19.86	103.9	18.21	95.40	16.59	91.30	15.80	87.00	15.02	78.50	13.49
	13	11.8	103.4	16.47	95.00	15.02	86.50	13.61	82.30	12.92	77.90	12.24	69.20	10.90

14. ARUM340LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	94.30	13.55	85.80	12.29	77.20	11.06	72.90	10.46	68.50	9.88	59.70	8.70
110	-30	-30.2	63.10	29.86	62.70	30.11	62.20	30.35	62.00	30.48	61.80	30.59	61.30	30.83
	-24.8	-25	73.50	31.46	72.90	31.73	72.40	32.00	72.10	32.13	71.90	32.26	71.40	32.52
	-21.8	-22	79.90	32.40	79.30	32.68	78.80	32.96	78.40	33.10	78.20	33.23	77.70	33.51
	-19.8	-20	84.30	33.02	83.80	33.32	83.20	33.60	82.90	33.75	82.70	33.90	82.00	34.17
	-18.8	-19	86.70	33.34	86.00	33.64	85.50	33.94	85.10	34.08	84.90	34.22	84.40	34.51
	-16.7	-17	91.50	33.98	90.80	34.29	90.20	34.60	89.90	34.75	89.60	34.90	89.00	35.18
	-15	-15.9	94.30	34.36	93.80	34.68	93.10	34.99	92.70	35.14	92.50	35.29	91.80	35.59
	-13.7	-15	97.10	34.71	96.40	35.04	95.80	35.35	95.50	35.52	95.10	35.67	94.60	35.97
	-11.8	-13	101.9	35.32	101.2	35.66	100.5	35.98	100.1	36.14	99.90	36.30	99.20	36.61
	-9.8	-11	107.3	35.98	106.4	36.33	105.7	36.66	105.3	36.82	105.0	36.98	103.0	36.64
	-9.5	-10	109.8	36.30	109.1	36.65	108.3	36.98	107.9	37.15	107.5	37.31	103.0	35.68
	-8.5	-9.1	112.4	36.61	111.5	36.96	110.8	37.30	110.4	37.47	110.1	37.63	103.0	34.76
	-7	-7.6	116.7	37.14	115.9	37.49	115.1	37.84	114.1	37.71	110.5	36.21	103.0	33.29
	-5	-5.6	122.7	37.85	121.9	38.22	117.8	36.97	114.1	35.55	110.5	34.15	103.0	31.41
	-3	-3.7	128.7	38.55	125.1	37.65	117.8	34.93	114.1	33.60	110.5	32.28	103.0	29.72
	0	-0.7	132.6	36.93	125.1	34.41	117.8	31.96	114.1	30.76	110.5	29.57	103.0	27.24
	3	2.2	132.6	33.87	125.1	31.59	117.8	29.37	114.1	28.28	110.5	27.20	103.0	25.09
	5	4.1	125.5	29.28	118.0	27.22	110.5	25.21	106.9	24.23	103.2	23.25	95.70	21.34
	7	6	118.1	25.12	110.7	23.26	103.2	21.45	99.30	20.57	95.60	19.69	88.00	17.96
	9	7.9	110.6	21.36	103.0	19.70	95.40	18.09	91.60	17.30	87.80	16.51	80.10	14.97
	11	9.8	102.8	18.01	95.20	16.54	87.50	15.11	83.60	14.41	79.70	13.72	71.90	12.35
	13	11.8	94.70	14.99	87.00	13.71	79.20	12.46	75.30	11.84	71.40	11.23	63.50	10.03
	15	13.7	86.40	12.39	78.60	11.27	70.70	10.17	66.80	9.64	62.80	9.11	54.70	8.07
100	-30	-30.2	62.70	30.06	62.30	30.30	61.80	30.54	61.60	30.66	61.40	30.77	61.00	31.01
	-24.8	-25	73.00	31.71	72.40	31.98	71.90	32.24	71.70	32.37	71.40	32.50	71.00	32.75
	-21.8	-22	79.30	32.68	78.80	32.97	78.20	33.24	77.90	33.38	77.70	33.51	77.20	33.78
	-19.8	-20	83.80	33.34	83.10	33.63	82.50	33.92	82.30	34.05	82.00	34.20	81.50	34.46
	-18.8	-19	86.00	33.67	85.40	33.97	84.80	34.25	84.60	34.40	84.20	34.53	83.70	34.81
	-16.7	-17	90.80	34.35	90.10	34.65	89.50	34.95	89.20	35.10	88.90	35.23	88.30	35.52
	-15	-15.9	93.60	34.75	92.90	35.06	92.30	35.36	92.00	35.51	91.70	35.66	91.10	35.95
	-13.7	-15	96.20	35.12	95.70	35.44	95.10	35.75	94.70	35.90	94.40	36.05	93.70	36.26
	-11.8	-13	101.0	35.76	100.3	36.08	99.60	36.40	99.30	36.56	99.00	36.71	93.70	34.47
	-9.8	-11	106.2	36.46	105.5	36.79	104.7	37.11	103.7	36.94	100.4	35.49	93.70	32.64
	-9.5	-10	108.7	36.80	107.9	37.13	107.1	37.39	103.7	35.96	100.4	34.55	93.70	31.80
	-8.5	-9.1	111.2	37.13	110.4	37.46	107.1	36.42	103.7	35.03	100.4	33.67	93.70	30.99
	-7	-7.6	115.4	37.69	113.8	37.57	107.1	34.88	103.7	33.55	100.4	32.25	93.70	29.69
	-5	-5.6	120.5	38.02	113.8	35.43	107.1	32.90	103.7	31.67	100.4	30.44	93.70	28.05
	-3	-3.7	120.5	35.91	113.8	33.48	107.1	31.11	103.7	29.94	100.4	28.80	93.70	26.56
	0	-0.7	120.5	32.84	113.8	30.64	107.1	28.51	103.7	27.45	100.4	26.42	93.70	24.39
	3	2.2	120.5	30.17	113.8	28.17	107.1	26.23	103.7	25.28	100.4	24.34	93.70	22.49
	5	4.1	114.1	26.15	107.3	24.35	100.5	22.59	97.10	21.72	93.70	20.87	86.90	19.19
	7	6	107.4	22.47	100.6	20.86	93.70	19.27	90.30	18.49	86.90	17.72	80.00	16.20
	9	7.9	100.6	19.18	93.70	17.72	86.70	16.30	83.30	15.60	79.80	14.92	72.80	13.57
	11	9.8	93.50	16.22	86.50	14.94	79.60	13.67	76.00	13.06	72.50	12.44	65.40	11.25
	13	11.8	86.20	13.56	79.20	12.43	72.10	11.33	68.50	10.78	64.90	10.25	57.80	9.19
	15	13.7	78.60	11.26	71.40	10.27	64.30	9.31	60.70	8.84	57.10	8.37	49.80	7.45

14. ARUM340LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	62.30	30.29	61.80	30.53	61.40	30.76	61.30	30.87	61.00	30.99	60.60	31.21
	-24.8	-25	72.40	32.01	71.90	32.28	71.40	32.53	71.20	32.66	70.80	32.78	70.30	33.03
	-21.8	-22	78.60	33.03	78.10	33.30	77.50	33.58	77.20	33.71	77.00	33.83	76.50	34.09
	-19.8	-20	82.90	33.72	82.40	34.00	81.80	34.28	81.60	34.42	81.30	34.55	80.70	34.81
	-18.8	-19	85.20	34.07	84.60	34.36	84.00	34.63	83.70	34.78	83.50	34.91	82.90	35.18
	-16.7	-17	89.90	34.78	89.20	35.08	88.60	35.37	88.30	35.51	88.00	35.65	84.30	34.10
	-15	-15.9	92.70	35.21	92.00	35.51	91.40	35.81	91.10	35.95	90.30	35.83	84.30	32.96
	-13.7	-15	95.30	35.61	94.70	35.92	94.00	36.22	93.30	36.13	90.30	34.70	84.30	31.91
	-11.8	-13	99.90	36.28	99.20	36.60	96.40	35.67	93.30	34.32	90.30	32.98	84.30	30.36
	-9.8	-11	104.9	37.03	102.4	36.36	96.40	33.77	93.30	32.50	90.30	31.23	84.30	28.76
	-9.5	-10	107.3	37.38	102.4	35.40	96.40	32.89	93.30	31.66	90.30	30.44	84.30	28.06
	-8.5	-9.1	108.4	36.98	102.4	34.48	96.40	32.06	93.30	30.85	90.30	29.68	84.30	27.36
	-7	-7.6	108.4	35.41	102.4	33.03	96.40	30.71	93.30	29.57	90.30	28.45	84.30	26.24
	-5	-5.6	108.4	33.40	102.4	31.17	96.40	28.99	93.30	27.93	90.30	26.88	84.30	24.81
	-3	-3.7	108.4	31.57	102.4	29.49	96.40	27.45	93.30	26.44	90.30	25.45	84.30	23.51
	0	-0.7	108.4	28.93	102.4	27.04	96.40	25.20	93.30	24.29	90.30	23.39	84.30	21.63
	3	2.2	108.4	26.62	102.4	24.91	96.40	23.23	93.30	22.40	90.30	21.59	84.30	19.99
	5	4.1	102.7	23.13	96.60	21.58	90.50	20.06	87.40	19.30	84.30	18.57	78.20	17.10
	7	6	96.70	19.94	90.60	18.53	84.30	17.16	81.30	16.48	78.20	15.82	72.00	14.51
	9	7.9	90.50	17.06	84.30	15.81	78.10	14.58	75.00	13.98	71.90	13.37	65.60	12.19
	11	9.8	84.10	14.50	77.90	13.38	71.60	12.29	68.40	11.75	65.30	11.22	58.80	10.17
	13	11.8	77.50	12.18	71.20	11.20	64.90	10.23	61.70	9.76	58.50	9.29	52.00	8.37
	15	13.7	70.70	10.17	64.30	9.31	57.90	8.48	54.60	8.06	51.40	7.65	44.70	6.85
80	-30	-30.2	61.80	30.57	61.30	30.81	60.90	31.04	60.70	31.14	60.50	31.26	60.10	31.47
	-24.8	-25	71.70	32.38	71.20	32.64	70.70	32.89	70.50	33.01	70.20	33.12	69.70	33.37
	-21.8	-22	77.70	33.46	77.20	33.73	76.70	33.98	76.50	34.11	76.10	34.24	75.00	34.02
	-19.8	-20	82.00	34.18	81.50	34.46	80.90	34.73	80.60	34.86	80.20	34.89	75.00	32.20
	-18.8	-19	84.20	34.56	83.70	34.83	83.10	35.11	82.80	35.24	80.30	34.01	75.00	31.34
	-16.7	-17	88.70	35.31	88.10	35.60	85.70	34.74	83.00	33.45	80.30	32.18	75.00	29.66
	-15	-15.9	91.50	35.77	90.90	36.06	85.70	33.59	83.00	32.34	80.30	31.10	75.00	28.67
	-13.7	-15	94.10	36.20	91.00	35.01	85.70	32.52	83.00	31.29	80.30	30.09	75.00	27.72
	-11.8	-13	96.40	35.67	91.00	33.28	85.70	30.93	83.00	29.79	80.30	28.66	75.00	26.41
	-9.8	-11	96.40	33.77	91.00	31.51	85.70	29.31	83.00	28.23	80.30	27.16	75.00	25.07
	-9.5	-10	96.40	32.89	91.00	30.71	85.70	28.59	83.00	27.55	80.30	26.52	75.00	24.50
	-8.5	-9.1	96.40	32.06	91.00	29.94	85.70	27.88	83.00	26.86	80.30	25.86	75.00	23.89
	-7	-7.6	96.40	30.71	91.00	28.70	85.70	26.73	83.00	25.76	80.30	24.81	75.00	22.92
	-5	-5.6	96.40	28.99	91.00	27.11	85.70	25.27	83.00	24.36	80.30	23.46	75.00	21.70
	-3	-3.7	96.40	27.45	91.00	25.67	85.70	23.94	83.00	23.09	80.30	22.25	75.00	20.60
	0	-0.7	96.40	25.20	91.00	23.59	85.70	22.02	83.00	21.25	80.30	20.48	75.00	18.98
	3	2.2	96.40	23.23	91.00	21.77	85.70	20.35	83.00	19.64	80.30	18.94	75.00	17.58
	5	4.1	91.30	20.24	85.80	18.92	80.40	17.62	77.70	16.98	75.00	16.34	69.50	15.09
	7	6	85.90	17.51	80.40	16.31	75.00	15.14	72.30	14.56	69.50	13.98	64.00	12.86
	9	7.9	80.40	15.04	75.00	13.97	69.40	12.92	66.60	12.40	63.90	11.88	58.30	10.87
	11	9.8	74.80	12.84	69.20	11.88	63.60	10.95	60.80	10.48	58.00	10.03	52.30	9.13
	13	11.8	68.90	10.85	63.30	10.00	57.60	9.18	54.80	8.77	52.00	8.37	46.20	7.58
	15	13.7	62.90	9.12	57.10	8.38	51.50	7.66	48.60	7.31	45.70	6.95	39.80	6.25
70	-30	-30.2	61.10	30.94	60.70	31.16	60.30	31.37	60.10	31.49	59.90	31.60	59.50	31.80

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	70.70	32.84	70.30	33.09	69.80	33.32	69.60	33.44	69.40	33.55	65.60	31.56
	-21.8	-22	76.70	33.99	76.10	34.24	75.00	34.02	72.60	32.76	70.20	31.52	65.60	29.09
	-19.8	-20	80.90	34.76	79.70	34.61	75.00	32.20	72.60	31.02	70.20	29.85	65.60	27.56
	-18.8	-19	83.00	35.16	79.70	33.66	75.00	31.34	72.60	30.19	70.20	29.06	65.60	26.83
	-16.7	-17	84.30	34.10	79.70	31.85	75.00	29.66	72.60	28.58	70.20	27.51	65.60	25.42
	-15	-15.9	84.30	32.97	79.70	30.79	75.00	28.67	72.60	27.62	70.20	26.57	65.60	24.53
	-13.7	-15	84.30	31.91	79.70	29.79	75.00	27.73	72.60	26.71	70.20	25.70	65.60	23.74
	-11.8	-13	84.30	30.36	79.70	28.37	75.00	26.41	72.60	25.44	70.20	24.50	65.60	22.63
	-9.8	-11	84.30	28.76	79.70	26.89	75.00	25.07	72.60	24.16	70.20	23.28	65.60	21.53
	-9.5	-10	84.30	28.06	79.70	26.26	75.00	24.50	72.60	23.63	70.20	22.76	65.60	21.07
	-8.5	-9.1	84.30	27.36	79.70	25.61	75.00	23.89	72.60	23.04	70.20	22.21	65.60	20.56
	-7	-7.6	84.30	26.24	79.70	24.57	75.00	22.92	72.60	22.12	70.20	21.32	65.60	19.75
	-5	-5.6	84.30	24.81	79.70	23.24	75.00	21.71	72.60	20.95	70.20	20.20	65.60	18.73
	-3	-3.7	84.30	23.51	79.70	22.04	75.00	20.60	72.60	19.89	70.20	19.18	65.60	17.79
	0	-0.7	84.30	21.63	79.70	20.30	75.00	18.98	72.60	18.34	70.20	17.71	65.60	16.44
	3	2.2	84.30	19.99	79.70	18.77	75.00	17.58	72.60	16.99	70.20	16.41	65.60	15.26
	5	4.1	79.90	17.48	75.10	16.37	70.40	15.27	68.00	14.74	65.60	14.21	60.90	13.16
	7	6	75.20	15.17	70.40	14.18	65.60	13.19	63.20	12.70	60.80	12.22	56.00	11.28
	9	7.9	70.40	13.11	65.60	12.21	60.70	11.32	58.30	10.89	55.90	10.45	51.00	9.60
	11	9.8	65.40	11.25	60.50	10.45	55.70	9.66	53.20	9.27	50.80	8.88	45.80	8.12
	13	11.8	60.30	9.57	55.40	8.86	50.50	8.16	47.90	7.82	45.40	7.48	40.40	6.81
	15	13.7	55.00	8.11	50.00	7.48	45.00	6.87	42.50	6.57	40.00	6.28	34.80	5.68
60	-30	-30.2	60.20	31.40	59.90	31.61	59.50	31.82	59.20	31.93	59.00	32.03	56.20	30.40
	-24.8	-25	69.60	33.43	68.30	33.07	64.30	30.81	62.20	29.70	60.20	28.60	56.20	26.42
	-21.8	-22	72.30	32.58	68.30	30.47	64.30	28.41	62.20	27.39	60.20	26.38	56.20	24.39
	-19.8	-20	72.30	30.86	68.30	28.87	64.30	26.91	62.20	25.96	60.20	25.01	56.20	23.14
	-18.8	-19	72.30	30.03	68.30	28.09	64.30	26.20	62.20	25.27	60.20	24.36	56.20	22.54
	-16.7	-17	72.30	28.43	68.30	26.61	64.30	24.83	62.20	23.95	60.20	23.09	56.20	21.38
	-15	-15.9	72.30	27.46	68.30	25.69	64.30	23.96	62.20	23.11	60.20	22.27	56.20	20.61
	-13.7	-15	72.30	26.57	68.30	24.86	64.30	23.19	62.20	22.37	60.20	21.56	56.20	19.96
	-11.8	-13	72.30	25.31	68.30	23.69	64.30	22.10	62.20	21.32	60.20	20.56	56.20	19.04
	-9.8	-11	72.30	24.04	68.30	22.53	64.30	21.02	62.20	20.28	60.20	19.56	56.20	18.13
	-9.5	-10	72.30	23.49	68.30	22.03	64.30	20.60	62.20	19.89	60.20	19.18	56.20	17.81
	-8.5	-9.1	72.30	22.92	68.30	21.50	64.30	20.10	62.20	19.41	60.20	18.73	56.20	17.39
	-7	-7.6	72.30	22.01	68.30	20.65	64.30	19.31	62.20	18.66	60.20	18.01	56.20	16.73
	-5	-5.6	72.30	20.84	68.30	19.57	64.30	18.32	62.20	17.70	60.20	17.09	56.20	15.89
	-3	-3.7	72.30	19.79	68.30	18.58	64.30	17.41	62.20	16.83	60.20	16.25	56.20	15.12
	0	-0.7	72.30	18.25	68.30	17.16	64.30	16.09	62.20	15.56	60.20	15.04	56.20	14.01
	3	2.2	72.30	16.91	68.30	15.91	64.30	14.94	62.20	14.45	60.20	13.99	56.20	13.05
	5	4.1	68.40	14.84	64.40	13.93	60.30	13.04	58.30	12.60	56.30	12.17	52.20	11.31
	7	6	64.40	12.95	60.40	12.13	56.30	11.33	54.20	10.93	52.20	10.54	48.00	9.76
	9	7.9	60.30	11.25	56.20	10.51	52.00	9.78	50.00	9.43	47.90	9.07	43.70	8.38
	11	9.8	56.10	9.72	51.90	9.06	47.80	8.42	45.60	8.10	43.50	7.78	39.30	7.15
	13	11.8	51.70	8.34	47.50	7.75	43.20	7.18	41.10	6.89	38.90	6.62	34.70	6.06
	15	13.7	47.10	7.13	42.90	6.61	38.60	6.11	36.40	5.87	34.20	5.62	29.90	5.13
50	-30	-30.2	59.00	32.01	56.90	30.82	53.50	28.74	51.90	27.72	50.20	26.71	46.90	24.72
	-24.8	-25	60.20	28.60	56.90	26.79	53.50	25.01	51.90	24.13	50.20	23.27	46.90	21.56

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	60.20	26.38	56.90	24.72	53.50	23.10	51.90	22.30	50.20	21.51	46.90	19.95
	-19.8	-20	60.20	25.01	56.90	23.45	53.50	21.92	51.90	21.16	50.20	20.42	46.90	18.95
	-18.8	-19	60.20	24.36	56.90	22.84	53.50	21.35	51.90	20.62	50.20	19.90	46.90	18.47
	-16.7	-17	60.20	23.09	56.90	21.67	53.50	20.27	51.90	19.57	50.20	18.89	46.90	17.55
	-15	-15.9	60.20	22.27	56.90	20.88	53.50	19.54	51.90	18.86	50.20	18.21	46.90	16.91
	-13.7	-15	60.20	21.56	56.90	20.22	53.50	18.91	51.90	18.27	50.20	17.63	46.90	16.38
	-11.8	-13	60.20	20.56	56.90	19.29	53.50	18.05	51.90	17.44	50.20	16.84	46.90	15.65
	-9.8	-11	60.20	19.56	56.90	18.36	53.50	17.19	51.90	16.62	50.20	16.04	46.90	14.92
	-9.5	-10	60.20	19.18	56.90	18.04	53.50	16.91	51.90	16.35	50.20	15.80	46.90	14.71
	-8.5	-9.1	60.20	18.73	56.90	17.62	53.50	16.52	51.90	15.98	50.20	15.44	46.90	14.38
	-7	-7.6	60.20	18.01	56.90	16.94	53.50	15.89	51.90	15.37	50.20	14.87	46.90	13.86
	-5	-5.6	60.20	17.09	56.90	16.09	53.50	15.10	51.90	14.61	50.20	14.13	46.90	13.19
	-3	-3.7	60.20	16.25	56.90	15.32	53.50	14.39	51.90	13.92	50.20	13.48	46.90	12.58
	0	-0.7	60.20	15.04	56.90	14.18	53.50	13.34	51.90	12.92	50.20	12.51	46.90	11.69
	3	2.2	60.20	13.99	56.90	13.20	53.50	12.42	51.90	12.05	50.20	11.67	46.90	10.93
	5	4.1	57.00	12.34	53.70	11.62	50.30	10.92	48.60	10.57	46.90	10.22	43.50	9.54
	7	6	53.70	10.84	50.30	10.19	46.90	9.55	45.20	9.23	43.50	8.92	40.00	8.30
	9	7.9	50.30	9.48	46.90	8.90	43.40	8.32	41.60	8.04	39.90	7.76	36.40	7.20
	11	9.8	46.70	8.27	43.30	7.74	39.80	7.22	38.10	6.97	36.20	6.72	32.70	6.22
	13	11.8	43.00	7.16	39.60	6.70	36.00	6.24	34.20	6.01	32.50	5.79	28.90	5.34
	15	13.7	39.30	6.20	35.70	5.79	32.10	5.38	30.40	5.18	28.60	4.98	24.80	4.59

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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14.5 Capacity Correction Factor

14.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-80	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.3	82.0
-70	-	-	-	-	-	-	-	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-60	-	-	-	-	-	-	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-50	-	-	-	-	-	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.3	82.0
-40	-	-	-	-	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-30	-	-	-	96.0	95.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.3	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.3	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
50	-	-	-	-	-	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	83.0
60	-	-	-	-	-	-	94.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
70	-	-	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	84.0	83.3	83.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
100	-	-	-	-	-	-	-	-	-	-	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0
110	-	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.3	83.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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14.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

14. ARUM340LTE6

※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

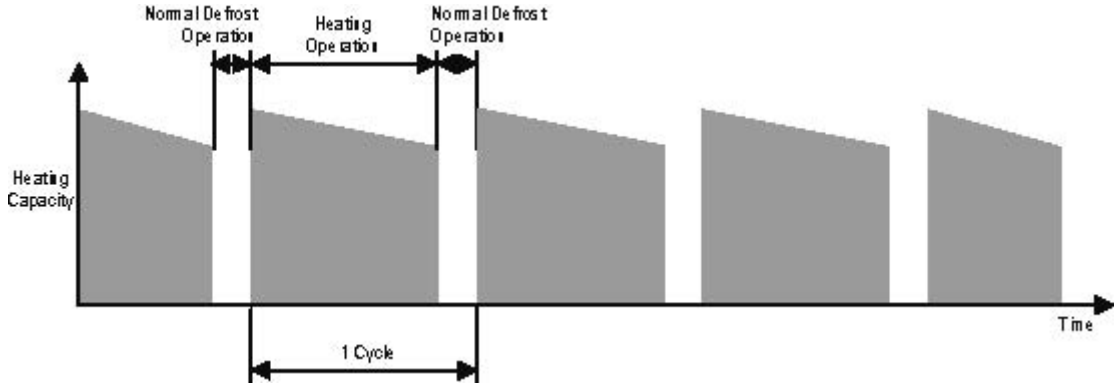
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

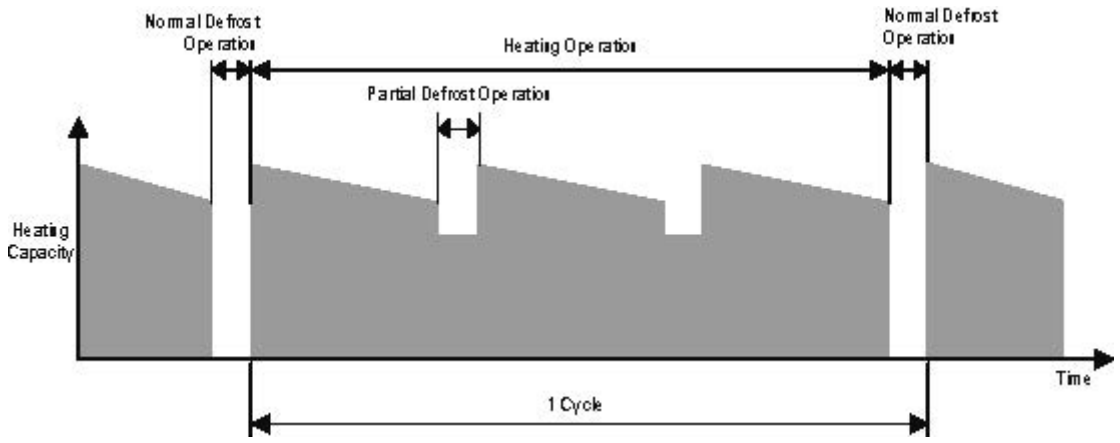
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



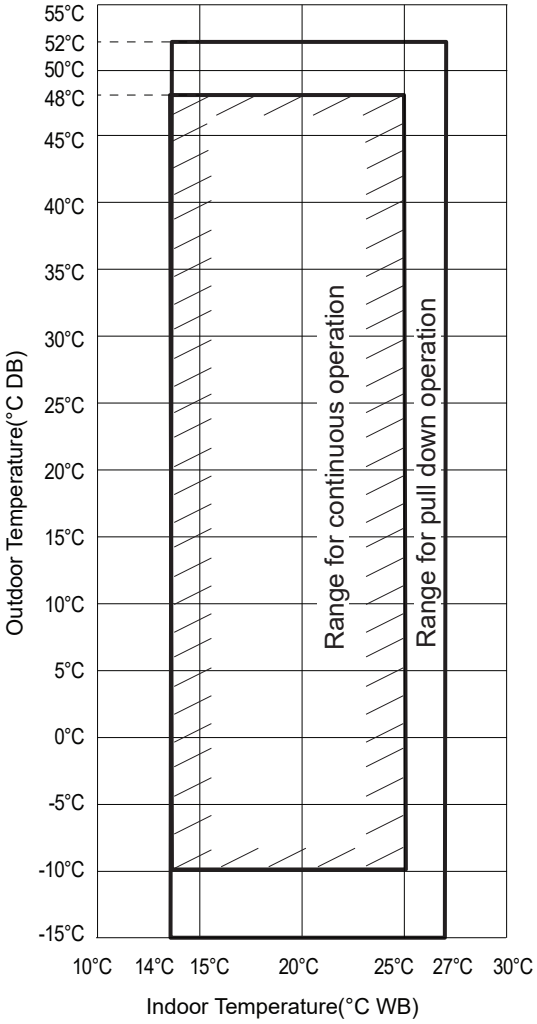
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

14.6 Operation Limits

14.6.1 Cooling

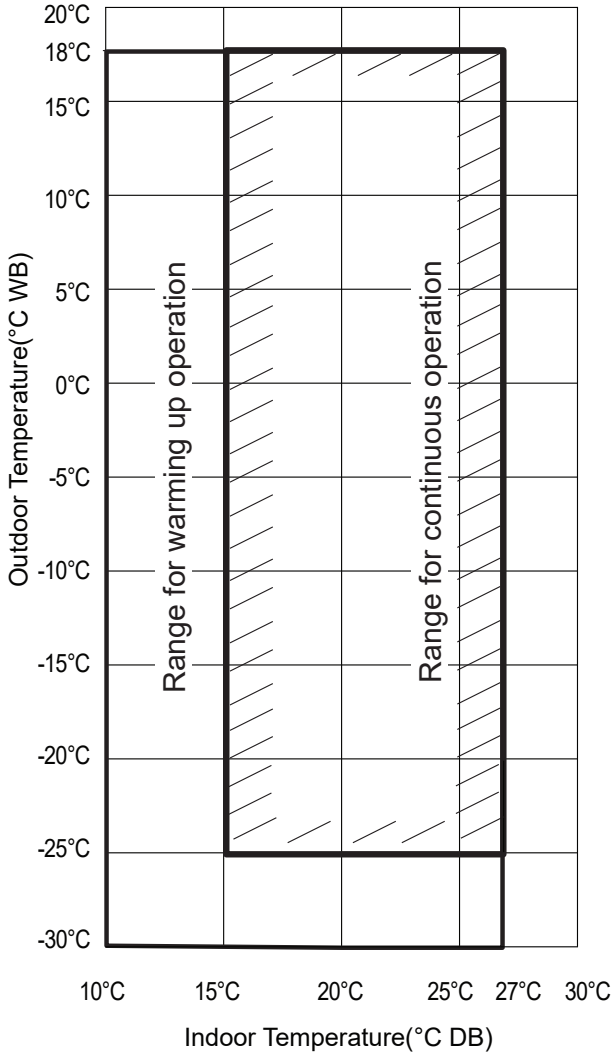


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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14.6.2 Heating

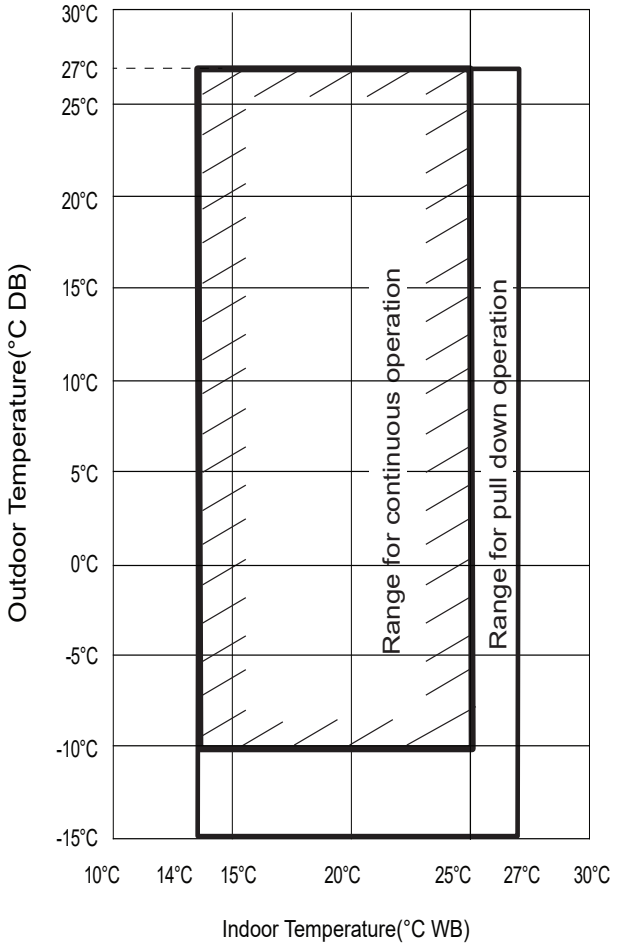


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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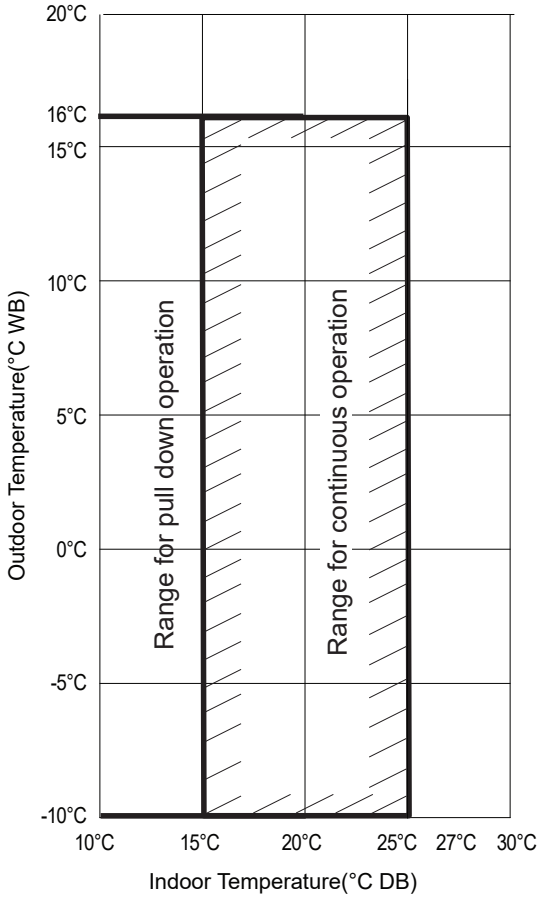
14.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

14.6.4 Simultaneous Operation (Heating)



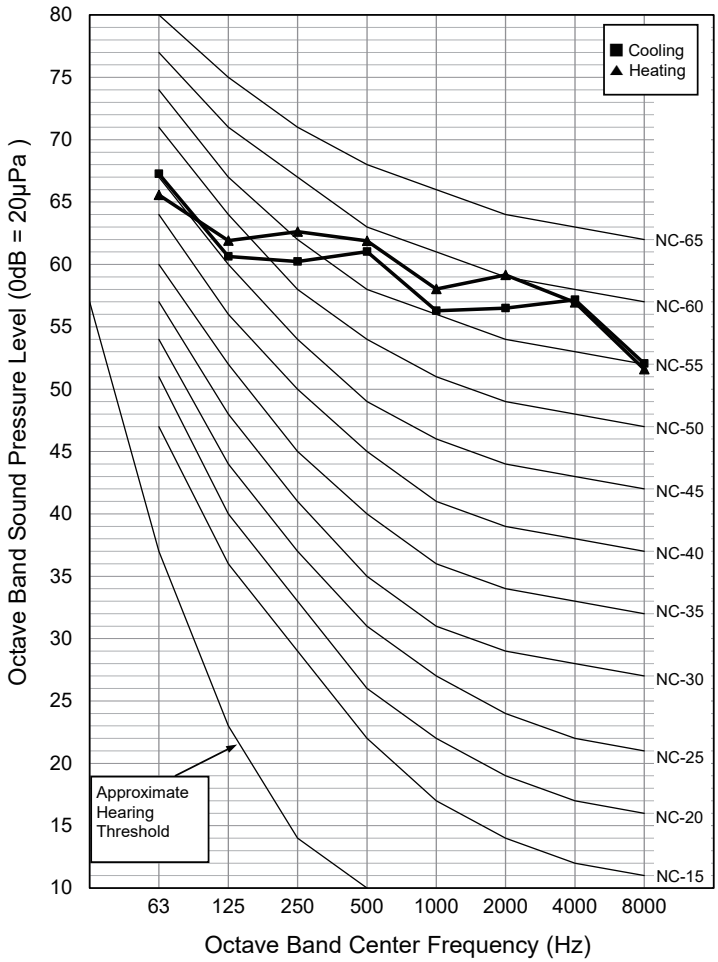
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

14. ARUM340LTE6

14.7 Sound Levels

14.7.1 Pressure Levels



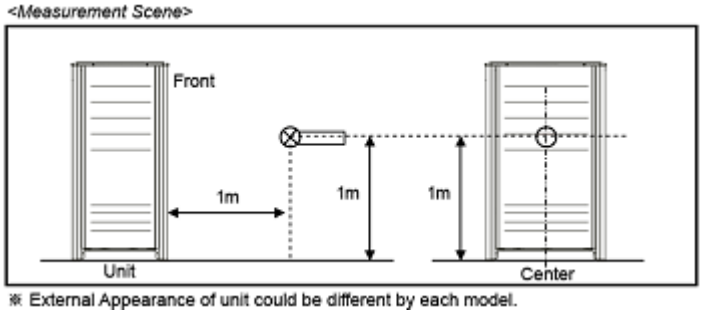
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	67.3	60.6	60.2	61.0	56.3	56.5	57.2	52.1
Heating[dB]	65.6	61.9	62.6	61.9	58.0	59.2	57.0	51.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	64.1 / 65.4

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

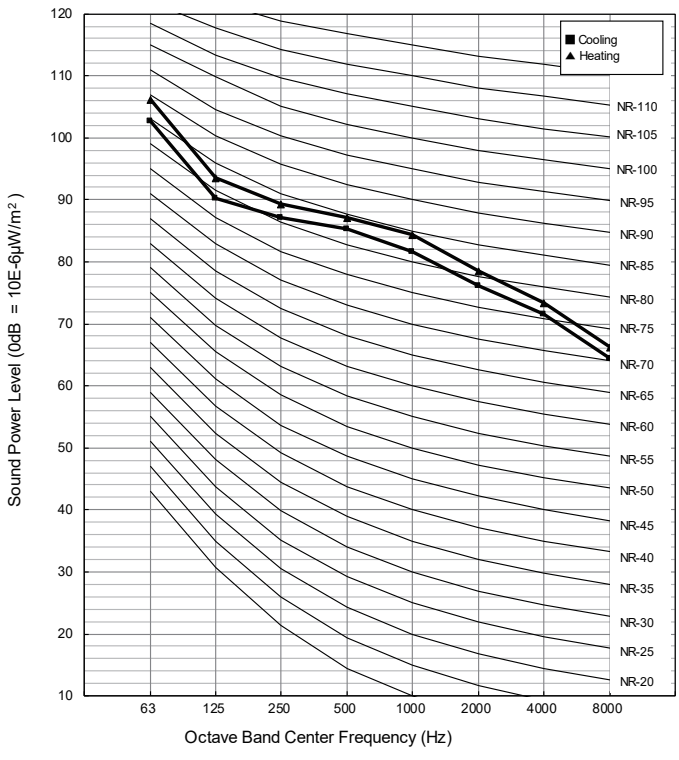
<Measurement Scene>



※ External Appearance of unit could be different by each model.

14. ARUM340LTE6

14.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	102.7	90.2	87.1	85.3	81.6	76.2	71.6	64.5	87.2
Heating [dB]	106.1	93.5	87.1	85.3	81.6	76.2	71.6	64.5	89.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	87.2 / 89.6

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

15. ARUM360LTE6

15.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM160LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	53.9 - 51.2 - 49.35
	Running Current by Voltage (Heating,Rated)	A	37.13 - 35.28 - 34
Cooling Capacity	Rated	kW	100.8
		Btu/h	343,900
Heating Capacity	Rated	kW	100.8
		Btu/h	343,900
	Max	kW	113.4
		Btu/h	386,900
Power Input(Cooling)	Rated	kW	32.99
Power Input(Heating)	Rated	kW	22.73
Efficiency	EER(Rated)	W/W	3.06
	COP(Rated)	W/W	4.43
	SEER	Wh/Wh	8.19
	SCOP	Wh/Wh	5.29
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 3
	Number of Revolution	rev./min	3,600 x 3
	Motor Output	W x No.	5,300 x 3
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 2
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 2
Weight	Net	kg	(300 x 1) + (255 x 1)
	Shipping	kg	(310 x 1) + (265 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

15. ARUM360LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	29.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	60.538
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ28.58(1-1/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	64.3 / 65.6
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	88.5 / 90.5
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	74.5
	Maximum Fuse Amperes (MFA)	A	100
	Total Over Current Amperes (TOCA)	A	82.0
	Comp_Maximum Starting Current (MSC)	A	17.7
	Comp_Rated Load Amperes (Cooling)	A	48.9
	Comp_Rated Load Amperes (Heating)	A	32.1
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	58(64)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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15.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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15.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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15.4 Capacity Tables

15.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	78.70	8.39	99.40	12.04	121.7	17.70	131.0	20.70	141.1	24.59	147.3	26.33	152.2	27.66
	12	78.70	9.17	99.40	13.21	121.7	19.18	131.0	22.24	141.0	26.03	147.2	27.77	152.1	29.15
	14	78.70	10.04	99.40	14.49	121.7	20.80	131.0	23.94	140.9	27.61	147.0	29.37	151.9	30.79
	16	78.70	10.99	99.40	15.91	121.7	22.56	131.0	25.80	140.6	29.29	146.8	31.13	151.6	32.61
	18	78.70	12.05	99.40	17.46	121.7	24.47	131.0	27.83	140.3	31.16	146.5	32.93	151.3	34.17
	20	78.70	13.22	99.40	19.14	121.7	26.56	131.0	29.99	139.9	32.75	146.1	34.38	150.9	35.63
	21	78.70	13.84	99.40	20.05	121.7	27.64	131.0	30.87	139.7	33.51	145.8	35.15	150.7	36.40
	23	78.70	15.20	99.40	21.98	121.7	29.44	131.0	32.51	139.2	34.77	145.4	36.40	150.2	37.64
	25	78.70	16.66	99.40	23.70	121.7	30.94	131.0	33.99	138.7	36.09	144.8	37.79	149.6	39.07
	27	78.70	18.10	99.40	25.08	121.7	32.57	131.0	35.50	138.1	37.59	144.2	39.36	149.0	40.71
	29	78.70	19.28	99.40	26.54	121.7	34.33	130.4	37.06	137.4	39.27	143.6	41.13	148.4	42.57
	31	78.70	20.50	99.40	28.09	121.7	36.28	129.7	38.80	136.7	41.14	142.8	43.15	147.6	44.72
	33	78.70	21.82	99.40	29.76	121.7	38.34	129.0	40.72	136.0	43.24	141.2	45.07	142.1	45.24
	35	78.70	23.21	99.40	31.54	121.7	40.45	128.2	42.84	133.9	45.02	135.0	45.23	135.9	45.40
	37	78.70	24.72	99.40	33.47	121.1	42.66	126.5	44.87	127.8	45.12	128.8	45.32	129.7	45.49
	39	78.70	26.32	99.40	35.56	119.5	44.71	120.5	44.89	121.7	45.10	122.7	45.35	123.6	45.53
	41	78.70	28.05	99.40	37.86	111.5	44.10	111.4	44.10	111.3	44.07	111.2	44.04	111.3	44.09
	43	78.70	29.92	99.40	40.40	102.7	42.21	102.6	42.21	102.6	42.18	102.5	42.21	102.5	42.18
	46	78.70	33.04	90.20	39.23	90.00	39.20	90.00	39.23	90.00	39.18	89.90	39.16	90.00	39.21
	48	78.70	35.32	82.10	37.22	82.00	37.19	82.00	37.17	82.10	37.22	82.00	37.23	81.90	37.17
	50	74.70	35.16	74.60	35.13	74.50	35.07	74.40	35.08	74.50	35.08	74.40	35.06	74.30	35.03
	52	66.60	31.50	67.00	30.65	67.30	29.81	67.30	29.65	67.30	29.43	67.30	29.26	67.30	29.15
120	10	72.70	7.63	91.80	10.49	112.3	15.14	120.9	17.49	130.7	20.57	138.9	23.72	143.9	25.40
	12	72.70	8.30	91.80	11.51	112.3	16.51	120.9	18.97	130.7	22.12	138.9	25.24	143.8	26.80
	14	72.70	9.05	91.80	12.63	112.3	18.00	120.9	20.58	130.7	23.81	138.9	26.92	143.6	28.36
	16	72.70	9.88	91.80	13.87	112.3	19.62	120.9	22.32	130.7	25.67	138.9	28.76	143.4	30.09
	18	72.70	10.81	91.80	15.23	112.3	21.38	120.9	24.23	130.7	27.70	138.6	30.61	143.1	32.00
	20	72.70	11.84	91.80	16.73	112.3	23.29	120.9	26.31	130.7	29.87	138.2	32.27	142.7	33.46
	21	72.70	12.38	91.80	17.52	112.3	24.32	120.9	27.39	130.7	30.75	138.0	33.03	142.5	34.24
	23	72.70	13.58	91.80	19.23	112.3	26.24	120.9	29.20	130.7	32.40	137.5	34.30	142.0	35.49
	25	72.70	14.88	91.80	20.97	112.3	27.83	120.9	30.70	130.7	33.90	137.0	35.61	141.5	36.85
	27	72.70	16.25	91.80	22.43	112.3	29.35	120.9	32.32	130.7	35.41	136.4	37.08	140.9	38.38
	29	72.70	17.37	91.80	23.83	112.3	31.00	120.9	34.08	130.2	36.99	135.8	38.73	140.3	40.10
	31	72.70	18.48	91.80	25.34	112.3	32.77	120.9	36.00	129.5	38.72	135.1	40.58	139.6	42.03
	33	72.70	19.66	91.80	26.95	112.3	34.69	120.9	38.12	128.8	40.64	134.4	42.63	138.9	44.22
	35	72.70	20.92	91.80	28.58	112.3	36.79	120.9	40.22	128.0	42.77	133.6	44.94	134.7	45.19
	37	72.70	22.27	91.80	30.32	112.3	39.11	120.6	42.47	126.7	44.90	127.7	45.09	128.4	45.23
	39	72.70	23.70	91.80	32.19	112.3	41.72	119.5	44.71	120.6	44.91	121.6	45.11	122.4	45.26
	41	72.70	25.25	91.80	34.21	111.5	44.10	111.4	44.08	111.3	44.05	111.2	44.05	111.2	44.05
	43	72.70	26.91	91.80	36.41	102.7	42.24	102.7	42.21	102.6	42.18	102.6	42.20	102.5	42.20
	46	72.70	29.64	90.20	39.25	90.00	39.16	90.00	39.17	90.00	39.19	90.00	39.20	90.00	39.18
	48	72.70	31.66	82.10	37.20	82.10	37.23	82.10	37.24	82.00	37.21	82.00	37.20	82.00	37.15
	50	72.70	33.87	74.60	35.07	74.40	35.08	74.40	35.09	74.50	35.10	74.10	34.84	74.40	35.03
	52	66.50	31.85	66.90	31.02	67.30	30.15	67.30	29.99	67.30	29.81	67.30	29.66	67.30	29.57
110	10	66.60	6.98	84.10	9.18	102.9	12.85	110.9	14.78	119.7	17.15	127.3	19.46	133.2	21.51
	12	66.60	7.55	84.10	10.06	102.9	14.09	110.9	16.13	119.7	18.62	127.3	21.00	133.2	23.06
	14	66.60	8.19	84.10	11.03	102.9	15.45	110.9	17.60	119.7	20.21	127.3	22.67	133.2	24.76

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	66.60	8.90	84.10	12.10	102.9	16.94	110.9	19.19	119.7	21.94	127.3	24.50	133.2	26.64
	18	66.60	9.71	84.10	13.28	102.9	18.56	110.9	20.93	119.7	23.83	127.3	26.49	133.2	28.69
	20	66.60	10.59	84.10	14.57	102.9	20.29	110.9	22.82	119.7	25.89	127.3	28.67	133.2	30.78
	21	66.60	11.07	84.10	15.27	102.9	21.20	110.9	23.83	119.7	26.98	127.3	29.60	133.2	31.68
	23	66.60	12.11	84.10	16.76	102.9	23.17	110.9	25.76	119.7	28.81	127.3	31.31	133.2	33.18
	25	66.60	13.25	84.10	18.40	102.9	24.81	110.9	27.36	119.7	30.31	127.3	32.86	133.1	34.53
	27	66.60	14.51	84.10	19.83	102.9	26.23	110.9	28.87	119.7	31.91	127.3	34.53	132.5	35.96
	29	66.60	15.60	84.10	21.08	102.9	27.73	110.9	30.48	119.7	33.67	127.3	36.21	131.9	37.55
	31	66.60	16.59	84.10	22.42	102.9	29.34	110.9	32.24	119.7	35.56	127.2	37.99	131.3	39.33
	33	66.60	17.65	84.10	23.85	102.9	31.07	110.9	34.12	119.7	37.67	126.5	39.87	130.6	41.29
	35	66.60	18.77	84.10	25.38	102.9	32.94	110.9	36.19	119.7	39.84	125.7	41.94	129.8	43.46
	37	66.60	19.98	84.10	27.02	102.9	34.96	110.9	38.46	119.7	42.14	125.0	44.22	127.0	44.96
	39	66.60	21.27	84.10	28.80	102.9	37.18	110.9	41.00	118.9	44.49	120.2	44.83	121.1	45.00
	41	66.60	22.65	84.10	30.72	102.9	39.63	110.9	43.84	111.5	44.11	111.3	44.09	111.3	44.09
	43	66.60	24.13	84.10	32.72	102.7	42.19	102.7	42.25	102.7	42.22	102.6	42.21	102.6	42.21
	46	66.60	26.54	84.10	35.92	90.00	39.21	90.00	39.20	90.00	39.22	90.00	39.23	89.90	39.17
	48	66.60	28.30	82.10	37.21	82.10	37.22	82.10	37.23	82.10	37.21	82.00	37.21	82.00	37.20
	50	66.60	30.20	74.60	35.14	74.50	35.07	74.50	35.10	74.40	35.05	74.40	35.03	74.40	35.07
	52	66.10	31.91	66.70	31.50	67.10	30.57	67.20	30.43	67.30	30.24	67.10	30.09	67.30	29.90
100	10	60.50	6.42	76.50	8.10	93.60	10.83	100.8	12.35	108.9	14.30	115.7	16.05	121.2	17.56
	12	60.50	6.90	76.50	8.84	93.60	11.89	100.8	13.54	108.9	15.62	115.7	17.47	121.2	19.05
	14	60.50	7.44	76.50	9.65	93.60	13.05	100.8	14.86	108.9	17.05	115.7	19.00	121.2	20.65
	16	60.50	8.05	76.50	10.56	93.60	14.33	100.8	16.30	108.9	18.62	115.7	20.68	121.2	22.41
	18	60.50	8.72	76.50	11.57	93.60	15.73	100.8	17.88	108.9	20.32	115.7	22.50	121.2	24.32
	20	60.50	9.49	76.50	12.69	93.60	17.27	100.8	19.60	108.9	22.17	115.7	24.49	121.2	26.39
	21	60.50	9.89	76.50	13.28	93.60	18.09	100.8	20.52	108.9	23.15	115.7	25.54	121.2	27.49
	23	60.50	10.78	76.50	14.57	93.60	19.86	100.8	22.44	108.9	25.11	115.7	27.43	121.2	29.28
	25	60.50	11.78	76.50	15.98	93.60	21.62	100.8	24.14	108.9	26.71	115.7	28.98	121.2	30.78
	27	60.50	12.87	76.50	17.40	93.60	23.07	100.8	25.53	108.9	28.20	115.7	30.55	121.2	32.40
	29	60.50	13.95	76.50	18.55	93.60	24.52	100.8	27.00	108.9	29.80	115.7	32.24	121.2	34.17
	31	60.50	14.82	76.50	19.73	93.60	26.06	100.8	28.57	108.9	31.51	115.7	34.07	121.2	36.10
	33	60.50	15.77	76.50	20.99	93.60	27.61	100.8	30.26	108.9	33.35	115.7	36.07	121.2	38.20
	35	60.50	16.77	76.50	22.34	93.60	29.26	100.8	32.08	108.9	35.37	115.7	38.28	121.2	40.30
	37	60.50	17.84	76.50	23.78	93.60	31.05	100.8	34.04	108.9	37.57	115.7	40.73	120.8	42.54
	39	60.50	18.99	76.50	25.32	93.60	32.97	100.8	36.18	108.9	40.02	115.7	43.19	119.6	44.73
	41	60.50	20.22	76.50	26.98	93.60	35.04	100.8	38.54	108.9	42.76	111.4	44.08	111.5	44.10
	43	60.50	21.53	76.50	28.76	93.60	37.33	100.8	41.16	102.6	42.21	102.7	42.24	102.7	42.24
	46	60.50	23.67	76.50	31.74	90.00	39.20	90.10	39.19	90.10	39.23	90.10	39.24	90.00	39.16
	48	60.50	25.22	76.50	33.94	82.20	37.26	82.10	37.25	82.10	37.22	82.10	37.22	82.10	37.23
	50	60.50	26.89	74.60	35.11	74.60	35.11	74.60	35.11	74.50	35.07	74.50	35.07	74.50	35.07
	52	60.50	28.68	66.50	31.64	66.60	30.97	66.90	30.80	67.10	30.52	67.30	30.27	67.30	30.06
90	10	54.50	5.76	68.80	7.21	84.20	9.19	90.70	10.29	97.90	11.73	104.2	13.15	109.1	14.35
	12	54.50	6.35	68.80	7.81	84.20	10.07	90.70	11.29	97.90	12.87	104.2	14.42	109.1	15.67
	14	54.50	6.79	68.80	8.49	84.20	11.05	90.70	12.39	97.90	14.13	104.2	15.81	109.1	17.10
	16	54.50	7.29	68.80	9.25	84.20	12.12	90.70	13.61	97.90	15.50	104.2	17.32	109.1	18.67
	18	54.50	7.86	68.80	10.09	84.20	13.30	90.70	14.94	97.90	17.02	104.2	18.92	109.1	20.38
	20	54.50	8.49	68.80	11.03	84.20	14.61	90.70	16.40	97.90	18.67	104.2	20.68	109.1	22.23
	21	54.50	8.85	68.80	11.53	84.20	15.30	90.70	17.20	97.90	19.55	104.2	21.62	109.1	23.22
	23	54.50	9.60	68.80	12.62	84.20	16.80	90.70	18.87	97.90	21.45	104.2	23.58	109.1	25.16
	25	54.50	10.44	68.80	13.82	84.20	18.44	90.70	20.61	97.90	23.23	104.2	25.22	109.1	26.78
	27	54.50	11.38	68.80	15.14	84.20	19.86	90.70	22.05	97.90	24.62	104.2	26.65	109.1	28.26

15. ARUM360LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	54.50	12.38	68.80	16.23	84.20	21.12	90.70	23.43	97.90	26.06	104.2	28.17	109.1	29.86
	31	54.50	13.19	68.80	17.26	84.20	22.46	90.70	24.92	97.90	27.59	104.2	29.80	109.1	31.58
	33	54.50	14.01	68.80	18.37	84.20	23.89	90.70	26.51	97.90	29.23	104.2	31.55	109.1	33.43
	35	54.50	14.90	68.80	19.54	84.20	25.42	90.70	28.18	97.90	30.97	104.2	33.45	109.1	35.44
	37	54.50	15.85	68.80	20.79	84.20	27.08	90.70	29.89	97.90	32.87	104.2	35.51	109.1	37.66
	39	54.50	16.87	68.80	22.14	84.20	28.85	90.70	31.73	97.90	34.91	104.2	37.78	109.1	40.11
	41	54.50	17.96	68.80	23.57	84.20	30.78	90.70	33.72	97.90	37.16	104.2	40.28	109.1	42.87
	43	54.50	19.12	68.80	25.11	84.20	32.76	90.70	35.87	97.90	39.63	102.7	42.24	102.7	42.24
	46	54.50	21.01	68.80	27.63	84.20	35.97	90.20	39.26	90.20	39.23	90.00	39.21	90.10	39.24
	48	54.50	22.38	68.80	29.48	82.30	37.27	82.10	37.24	82.10	37.22	82.10	37.21	82.10	37.22
	50	54.50	23.84	68.80	31.49	74.60	35.15	74.60	35.15	74.60	35.11	74.60	35.11	74.60	35.10
	52	54.50	25.42	66.30	31.93	66.70	31.31	66.90	31.06	67.00	30.78	67.10	30.53	67.30	30.33
80	10	48.40	5.02	61.20	6.47	74.90	7.89	80.60	8.66	87.10	9.66	92.60	10.64	97.00	11.50
	12	48.40	5.89	61.20	6.96	74.90	8.60	80.60	9.47	87.10	10.59	92.60	11.68	97.00	12.63
	14	48.40	6.24	61.20	7.50	74.90	9.39	80.60	10.38	87.10	11.62	92.60	12.82	97.00	13.87
	16	48.40	6.65	61.20	8.13	74.90	10.27	80.60	11.37	87.10	12.76	92.60	14.09	97.00	15.22
	18	48.40	7.11	61.20	8.82	74.90	11.24	80.60	12.47	87.10	14.01	92.60	15.47	97.00	16.70
	20	48.40	7.63	61.20	9.59	74.90	12.31	80.60	13.68	87.10	15.38	92.60	16.98	97.00	18.33
	21	48.40	7.91	61.20	10.00	74.90	12.90	80.60	14.33	87.10	16.12	92.60	17.78	97.00	19.20
	23	48.40	8.55	61.20	10.91	74.90	14.13	80.60	15.73	87.10	17.70	92.60	19.52	97.00	21.06
	25	48.40	9.24	61.20	11.91	74.90	15.50	80.60	17.26	87.10	19.39	92.60	21.28	97.00	22.84
	27	48.40	10.04	61.20	13.02	74.90	16.90	80.60	18.71	87.10	20.82	92.60	22.74	97.00	24.29
	29	48.40	10.92	61.20	14.10	74.90	18.04	80.60	19.90	87.10	22.13	92.60	24.16	97.00	25.72
	31	48.40	11.68	61.20	14.99	74.90	19.19	80.60	21.16	87.10	23.53	92.60	25.68	97.00	27.22
	33	48.40	12.39	61.20	15.95	74.90	20.42	80.60	22.52	87.10	25.03	92.60	27.27	97.00	28.84
	35	48.40	13.16	61.20	16.97	74.90	21.73	80.60	23.95	87.10	26.65	92.60	28.90	97.00	30.57
	37	48.40	13.99	61.20	18.05	74.90	23.13	80.60	25.51	87.10	28.37	92.60	30.66	97.00	32.44
	39	48.40	14.89	61.20	19.21	74.90	24.62	80.60	27.17	87.10	30.21	92.60	32.56	97.00	34.45
	41	48.40	15.85	61.20	20.45	74.90	26.24	80.60	28.97	87.10	32.09	92.60	34.61	97.00	36.65
	43	48.40	16.87	61.20	21.78	74.90	27.96	80.60	30.90	87.10	34.12	92.60	36.84	97.00	39.07
	46	48.40	18.54	61.20	23.95	74.90	30.83	80.60	34.11	87.10	37.52	90.00	39.18	90.00	39.20
	48	48.40	19.76	61.20	25.52	74.90	32.96	80.60	36.34	82.10	37.23	82.10	37.20	82.10	37.20
	50	48.40	21.05	61.20	27.21	74.60	35.10	74.60	35.11	74.60	35.13	74.60	35.10	74.50	35.10
	52	48.40	22.42	61.20	29.02	66.40	31.62	66.60	31.35	66.90	31.10	66.90	30.83	67.10	30.64
70	10	42.40	4.14	53.50	5.65	65.50	6.86	70.50	7.39	76.20	8.06	81.00	8.72	84.80	9.29
	12	42.40	5.49	53.50	6.27	65.50	7.42	70.50	8.03	76.20	8.80	81.00	9.54	84.80	10.18
	14	42.40	5.76	53.50	6.70	65.50	8.04	70.50	8.73	76.20	9.61	81.00	10.44	84.80	11.17
	16	42.40	6.09	53.50	7.18	65.50	8.74	70.50	9.53	76.20	10.52	81.00	11.45	84.80	12.25
	18	42.40	6.46	53.50	7.73	65.50	9.51	70.50	10.41	76.20	11.52	81.00	12.56	84.80	13.45
	20	42.40	6.88	53.50	8.35	65.50	10.38	70.50	11.38	76.20	12.62	81.00	13.78	84.80	14.77
	21	42.40	7.11	53.50	8.69	65.50	10.84	70.50	11.90	76.20	13.22	81.00	14.44	84.80	15.46
	23	42.40	7.62	53.50	9.42	65.50	11.85	70.50	13.04	76.20	14.50	81.00	15.85	84.80	16.98
	25	42.40	8.18	53.50	10.24	65.50	12.97	70.50	14.28	76.20	15.90	81.00	17.40	84.80	18.63
	27	42.40	8.83	53.50	11.15	65.50	14.19	70.50	15.62	76.20	17.32	81.00	18.84	84.80	20.06
	29	42.40	9.57	53.50	12.14	65.50	15.28	70.50	16.73	76.20	18.46	81.00	20.04	84.80	21.33
	31	42.40	10.29	53.50	12.93	65.50	16.25	70.50	17.80	76.20	19.65	81.00	21.32	84.80	22.68
	33	42.40	10.90	53.50	13.74	65.50	17.28	70.50	18.93	76.20	20.90	81.00	22.67	84.80	24.13
	35	42.40	11.56	53.50	14.61	65.50	18.39	70.50	20.15	76.20	22.24	81.00	24.12	84.80	25.68
	37	42.40	12.28	53.50	15.54	65.50	19.57	70.50	21.44	76.20	23.68	81.00	25.68	84.80	27.34
	39	42.40	13.05	53.50	16.54	65.50	20.84	70.50	22.83	76.20	25.21	81.00	27.36	84.80	29.14
	41	42.40	13.88	53.50	17.61	65.50	22.18	70.50	24.32	76.20	26.86	81.00	29.18	84.80	31.09

15. ARUM360LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	42.40	14.78	53.50	18.75	65.50	23.62	70.50	25.90	76.20	28.63	81.00	31.13	84.80	33.04
	46	42.40	16.25	53.50	20.60	65.50	25.99	70.50	28.52	76.20	31.59	81.00	34.33	84.80	36.30
	48	42.40	17.32	53.50	21.95	65.50	27.71	70.50	30.44	76.20	33.78	81.00	36.58	82.20	37.25
	50	42.40	18.45	53.50	23.38	65.50	29.57	70.50	32.53	74.60	35.14	74.60	35.11	74.60	35.13
	52	42.40	19.66	53.50	24.91	65.50	31.58	66.40	31.79	66.50	31.48	66.80	31.24	66.80	31.03
60	10	36.30	3.33	45.90	4.62	56.10	5.97	60.50	6.41	65.30	6.85	69.50	7.27	72.70	7.64
	12	36.30	5.04	45.90	5.71	56.10	6.49	60.50	6.89	65.30	7.40	69.50	7.89	72.70	8.31
	14	36.30	5.26	45.90	6.03	56.10	6.95	60.50	7.42	65.30	8.02	69.50	8.58	72.70	9.05
	16	36.30	5.52	45.90	6.40	56.10	7.49	60.50	8.03	65.30	8.71	69.50	9.35	72.70	9.89
	18	36.30	5.82	45.90	6.82	56.10	8.08	60.50	8.70	65.30	9.48	69.50	10.21	72.70	10.82
	20	36.30	6.15	45.90	7.30	56.10	8.76	60.50	9.47	65.30	10.34	69.50	11.15	72.70	11.84
	21	36.30	6.34	45.90	7.56	56.10	9.12	60.50	9.87	65.30	10.80	69.50	11.67	72.70	12.39
	23	36.30	6.75	45.90	8.13	56.10	9.90	60.50	10.76	65.30	11.81	69.50	12.78	72.70	13.58
	25	36.30	7.21	45.90	8.78	56.10	10.79	60.50	11.74	65.30	12.92	69.50	13.99	72.70	14.88
	27	36.30	7.74	45.90	9.51	56.10	11.77	60.50	12.84	65.30	14.14	69.50	15.32	72.70	16.25
	29	36.30	8.34	45.90	10.32	56.10	12.79	60.50	13.93	65.30	15.24	69.50	16.42	72.70	17.38
	31	36.30	9.00	45.90	11.07	56.10	13.61	60.50	14.80	65.30	16.20	69.50	17.46	72.70	18.48
	33	36.30	9.52	45.90	11.74	56.10	14.47	60.50	15.73	65.30	17.23	69.50	18.58	72.70	19.67
	35	36.30	10.08	45.90	12.47	56.10	15.39	60.50	16.74	65.30	18.34	69.50	19.77	72.70	20.93
	37	36.30	10.69	45.90	13.24	56.10	16.37	60.50	17.81	65.30	19.51	69.50	21.03	72.70	22.28
	39	36.30	11.34	45.90	14.09	56.10	17.43	60.50	18.95	65.30	20.77	69.50	22.40	72.70	23.72
	41	36.30	12.07	45.90	14.99	56.10	18.56	60.50	20.19	65.30	22.12	69.50	23.85	72.70	25.26
	43	36.30	12.84	45.90	15.96	56.10	19.75	60.50	21.49	65.30	23.55	69.50	25.41	72.70	26.92
	46	36.30	14.12	45.90	17.55	56.10	21.71	60.50	23.62	65.30	25.90	69.50	27.96	72.70	29.66
	48	36.30	15.05	45.90	18.70	56.10	23.13	60.50	25.17	65.30	27.61	69.50	29.83	72.70	31.68
	50	36.30	16.04	45.90	19.92	56.10	24.64	60.50	26.83	65.30	29.47	69.50	31.88	72.70	33.89
	52	36.30	17.11	45.90	21.23	56.10	26.26	60.50	28.62	65.30	31.48	66.40	31.82	66.50	31.63
50	10	30.30	2.66	38.20	3.56	46.80	4.76	50.40	5.30	54.40	5.75	57.90	6.20	60.60	6.42
	12	30.30	4.04	38.20	5.17	46.80	5.77	50.40	6.03	54.40	6.34	57.90	6.64	60.60	6.90
	14	30.30	4.80	38.20	5.42	46.80	6.10	50.40	6.40	54.40	6.79	57.90	7.14	60.60	7.44
	16	30.30	5.00	38.20	5.70	46.80	6.48	50.40	6.84	54.40	7.29	57.90	7.70	60.60	8.05
	18	30.30	5.22	38.20	6.01	46.80	6.92	50.40	7.34	54.40	7.85	57.90	8.33	60.60	8.72
	20	30.30	5.47	38.20	6.38	46.80	7.41	50.40	7.90	54.40	8.49	57.90	9.03	60.60	9.49
	21	30.30	5.62	38.20	6.57	46.80	7.68	50.40	8.20	54.40	8.83	57.90	9.41	60.60	9.90
	23	30.30	5.94	38.20	7.01	46.80	8.28	50.40	8.87	54.40	9.58	57.90	10.24	60.60	10.79
	25	30.30	6.31	38.20	7.51	46.80	8.94	50.40	9.62	54.40	10.43	57.90	11.17	60.60	11.78
	27	30.30	6.72	38.20	8.08	46.80	9.70	50.40	10.45	54.40	11.36	57.90	12.19	60.60	12.87
	29	30.30	7.19	38.20	8.72	46.80	10.53	50.40	11.38	54.40	12.36	57.90	13.24	60.60	13.95
	31	30.30	7.72	38.20	9.41	46.80	11.28	50.40	12.15	54.40	13.17	57.90	14.09	60.60	14.83
	33	30.30	8.20	38.20	9.95	46.80	11.97	50.40	12.90	54.40	13.99	57.90	14.97	60.60	15.77
	35	30.30	8.65	38.20	10.53	46.80	12.71	50.40	13.71	54.40	14.88	57.90	15.93	60.60	16.78
	37	30.30	9.14	38.20	11.17	46.80	13.50	50.40	14.57	54.40	15.83	57.90	16.94	60.60	17.86
	39	30.30	9.69	38.20	11.87	46.80	14.36	50.40	15.50	54.40	16.85	57.90	18.03	60.60	19.01
	41	30.30	10.29	38.20	12.61	46.80	15.29	50.40	16.50	54.40	17.93	57.90	19.20	60.60	20.23
	43	30.30	10.94	38.20	13.43	46.80	16.28	50.40	17.57	54.40	19.10	57.90	20.45	60.60	21.54
	46	30.30	12.04	38.20	14.77	46.80	17.90	50.40	19.32	54.40	20.99	57.90	22.47	60.60	23.68
	48	30.30	12.86	38.20	15.74	46.80	19.07	50.40	20.58	54.40	22.35	57.90	23.94	60.60	25.23
	50	30.30	13.75	38.20	16.78	46.80	20.32	50.40	21.91	54.40	23.81	57.90	25.51	60.60	26.89
	52	30.30	14.72	38.20	17.89	46.80	21.64	50.40	23.35	54.40	25.38	57.90	27.19	60.60	28.70

15. ARUM360LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

15. ARUM360LTE6

15.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	21.40	1.48	34.40	2.36	48.80	3.40	52.20	3.67	55.60	3.94	59.20	4.23	63.00	4.58
	12	21.40	1.48	34.40	2.37	48.80	3.43	52.20	3.70	55.60	3.97	59.20	4.26	63.00	4.64
	14	21.40	1.48	34.40	2.38	48.80	3.48	52.20	3.75	55.60	4.03	59.20	4.34	63.00	4.74
	16	21.40	1.48	34.40	2.41	48.80	3.55	52.20	3.84	55.60	4.15	59.20	4.48	63.00	4.94
	18	21.40	1.49	34.40	2.47	48.80	3.71	52.20	4.05	55.60	4.40	59.20	4.80	63.00	5.38
	20	21.40	1.54	34.40	2.61	48.80	4.14	52.20	4.58	55.60	5.04	59.20	5.57	63.00	6.49
	21	24.30	1.91	37.10	3.27	51.30	5.53	54.70	5.99	58.10	6.51	61.50	6.91	65.00	7.48
	23	29.90	4.59	42.60	5.67	56.70	7.22	59.90	7.63	63.20	8.06	66.10	8.47	69.30	9.14
	25	35.80	5.65	48.20	7.01	62.20	9.02	65.20	9.52	68.40	10.06	70.80	10.50	73.60	11.29
	27	41.80	7.10	54.00	8.81	67.80	11.40	70.70	12.01	73.60	12.63	75.60	13.06	82.30	14.96
	29	47.90	9.07	59.80	11.15	73.60	14.13	76.30	14.77	79.20	15.47	83.90	16.70	97.20	21.07
	31	54.20	11.42	65.90	13.80	79.50	17.36	82.00	18.07	89.10	20.20	99.30	23.55	112.3	28.85
	33	60.70	14.30	72.00	17.08	85.50	21.32	94.20	24.34	104.8	28.37	114.6	31.88	127.3	37.61
	35	67.30	17.95	78.50	21.17	100.4	29.60	109.8	33.23	120.4	37.52	129.9	41.30	138.2	45.11
	37	67.30	19.12	78.50	22.56	100.4	31.42	109.8	35.29	120.4	39.93	129.9	43.76	131.9	45.15
	39	67.30	20.36	78.50	24.02	100.4	33.38	109.8	37.55	120.4	42.62	125.1	44.57	123.5	45.32
	41	67.30	21.69	78.50	25.60	100.4	35.51	109.8	40.04	115.7	42.94	115.7	42.95	114.2	43.30
	43	67.30	23.11	78.50	27.29	100.4	37.83	106.6	40.96	106.5	40.93	106.5	40.93	105.2	41.34
	46	67.30	25.42	78.50	30.07	93.50	37.98	93.50	37.98	93.40	37.95	93.50	37.97	92.20	38.30
	48	67.30	27.10	78.50	32.13	85.20	36.03	85.30	36.09	85.20	36.03	85.00	35.98	84.00	36.36
	50	67.30	28.92	77.40	33.72	77.30	33.70	77.30	33.71	77.30	33.67	77.20	33.66	76.20	34.08
	52	66.70	30.46	68.20	29.67	68.80	28.89	68.90	28.72	69.10	28.57	69.20	28.42	68.80	28.65
120	10	19.80	1.37	31.70	2.18	45.00	3.13	48.10	3.36	51.30	3.61	54.70	3.86	58.10	4.17
	12	19.80	1.37	31.70	2.18	45.00	3.14	48.10	3.39	51.30	3.63	54.70	3.90	58.10	4.22
	14	19.80	1.36	31.70	2.19	45.00	3.17	48.10	3.42	51.30	3.69	54.70	3.96	58.10	4.29
	16	19.80	1.37	31.70	2.21	45.00	3.24	48.10	3.50	51.30	3.77	54.70	4.07	58.10	4.45
	18	19.80	1.38	31.70	2.25	45.00	3.36	48.10	3.66	51.30	3.97	54.70	4.30	58.10	4.80
	20	19.80	1.41	31.70	2.36	45.00	3.70	48.10	4.07	51.30	4.47	54.70	4.91	58.10	5.72
	21	22.40	1.72	34.20	2.91	47.40	4.85	50.50	5.42	53.60	5.84	56.70	6.30	60.10	6.89
	23	27.70	4.39	39.30	5.35	52.40	6.71	55.30	7.04	58.30	7.42	61.00	7.77	63.90	8.35
	25	33.10	5.35	44.50	6.55	57.40	8.28	60.30	8.71	63.10	9.17	65.30	9.54	67.90	10.22
	27	38.50	6.64	49.80	8.14	62.60	10.36	65.30	10.88	68.00	11.44	69.80	11.82	75.90	13.46
	29	44.20	8.40	55.20	10.24	67.90	12.85	70.40	13.40	73.10	14.00	77.50	15.07	89.80	18.81
	31	50.00	10.55	60.80	12.61	73.40	15.69	75.70	16.31	82.30	18.14	91.60	21.00	103.7	25.85
	33	56.00	13.10	66.60	15.52	79.00	19.18	86.90	21.78	96.80	25.31	105.8	28.71	117.5	33.77
	35	62.10	16.33	72.40	19.12	92.70	26.53	101.4	29.99	111.2	33.75	119.9	37.29	130.7	42.26
	37	62.10	17.39	72.40	20.37	92.70	28.28	101.4	31.84	111.2	35.85	119.9	39.67	129.9	44.57
	39	62.10	18.52	72.40	21.70	92.70	30.15	101.4	33.83	111.2	38.15	119.9	42.34	123.5	44.96
	41	62.10	19.73	72.40	23.12	92.70	32.11	101.4	35.99	111.2	40.70	115.7	42.93	114.2	43.31
	43	62.10	21.01	72.40	24.63	92.70	34.14	101.4	38.36	106.5	40.93	106.5	40.93	105.2	41.30
	46	62.10	23.12	72.40	27.10	92.70	37.55	93.50	37.98	93.40	37.94	93.40	37.96	92.20	38.33
	48	62.10	24.63	72.40	28.91	85.20	36.04	85.20	36.04	85.20	36.05	85.10	35.98	84.10	36.39
	50	62.10	26.26	72.40	30.87	77.30	33.70	77.30	33.70	77.40	33.73	77.30	33.67	76.30	34.11
	52	62.10	28.01	68.10	30.00	68.60	29.20	68.70	29.04	68.80	28.88	68.90	28.75	68.60	29.06
110	10	18.20	1.24	29.10	2.00	41.20	2.84	44.10	3.06	47.00	3.28	50.10	3.51	53.30	3.78
	12	18.20	1.24	29.10	2.00	41.20	2.86	44.10	3.08	47.00	3.30	50.10	3.53	53.30	3.83
	14	18.20	1.24	29.10	2.01	41.20	2.89	44.10	3.10	47.00	3.34	50.10	3.58	53.30	3.88
	16	18.20	1.25	29.10	2.02	41.20	2.93	44.10	3.16	47.00	3.41	50.10	3.67	53.30	4.00
	18	18.20	1.25	29.10	2.05	41.20	3.03	44.10	3.29	47.00	3.56	50.10	3.84	53.30	4.27

15. ARUM360LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	18.20	1.27	29.10	2.13	41.20	3.28	44.10	3.60	47.00	3.94	50.10	4.32	53.30	4.96
	21	20.50	1.54	31.40	2.58	43.40	4.19	46.30	4.66	49.10	5.18	52.00	5.61	55.10	6.36
	23	25.40	4.21	36.00	5.06	48.00	6.23	50.70	6.52	53.50	6.83	56.00	7.12	58.60	7.62
	25	30.30	5.06	40.80	6.11	52.60	7.60	55.20	7.95	57.80	8.34	59.90	8.66	62.30	9.24
	27	35.30	6.21	45.70	7.51	57.40	9.40	59.80	9.84	62.30	10.31	64.00	10.64	69.60	12.07
	29	40.50	7.77	50.60	9.37	62.30	11.66	64.60	12.13	67.00	12.64	71.10	13.55	82.30	16.72
	31	45.90	9.72	55.80	11.49	67.30	14.14	69.40	14.67	75.40	16.23	84.00	18.66	95.00	22.74
	33	51.30	11.97	61.00	14.04	72.40	17.19	79.70	19.39	88.70	22.38	97.00	25.40	107.7	30.11
	35	56.90	14.81	66.40	17.21	84.90	23.52	92.90	26.67	101.9	30.18	109.9	33.24	120.4	38.40
	37	56.90	15.76	66.40	18.32	84.90	25.05	92.90	28.42	101.9	32.04	109.9	35.30	120.4	40.89
	39	56.90	16.79	66.40	19.52	84.90	26.69	92.90	30.31	101.9	34.05	109.9	37.56	120.4	43.52
	41	56.90	17.89	66.40	20.79	84.90	28.46	92.90	32.24	101.9	36.22	109.9	40.06	114.3	43.32
	43	56.90	19.05	66.40	22.15	84.90	30.37	92.90	34.30	101.9	38.61	106.6	40.94	105.2	41.34
	46	56.90	20.95	66.40	24.36	84.90	33.55	92.90	37.72	93.50	38.00	93.50	37.96	92.20	38.32
	48	56.90	22.32	66.40	25.97	84.90	35.88	85.20	36.00	85.20	36.05	85.20	36.02	84.00	36.34
	50	56.90	23.78	66.40	27.68	77.40	33.70	77.40	33.70	77.30	33.72	77.30	33.67	76.30	34.11
	52	56.90	25.36	66.40	29.52	68.30	29.59	68.40	29.42	68.50	29.27	68.30	29.13	68.40	29.29
100	10	16.50	1.13	26.50	1.81	37.50	2.58	40.10	2.77	42.80	2.96	45.50	3.17	48.40	3.42
	12	16.50	1.13	26.50	1.81	37.50	2.59	40.10	2.78	42.80	2.97	45.50	3.18	48.40	3.44
	14	16.50	1.13	26.50	1.81	37.50	2.61	40.10	2.80	42.80	3.00	45.50	3.22	48.40	3.48
	16	16.50	1.13	26.50	1.83	37.50	2.64	40.10	2.84	42.80	3.05	45.50	3.28	48.40	3.57
	18	16.50	1.14	26.50	1.85	37.50	2.71	40.10	2.94	42.80	3.16	45.50	3.42	48.40	3.76
	20	16.50	1.15	26.50	1.91	37.50	2.91	40.10	3.17	42.80	3.44	45.50	3.76	48.40	4.29
	21	18.70	1.38	28.60	2.26	39.60	3.60	42.10	3.98	44.70	4.39	47.30	4.83	50.00	5.63
	23	23.00	4.01	32.80	4.76	43.60	5.77	46.10	6.02	48.60	6.28	50.80	6.54	53.30	6.95
	25	27.50	4.78	37.10	5.69	47.90	6.96	50.20	7.27	52.60	7.59	54.50	7.85	56.60	8.34
	27	32.10	5.80	41.50	6.92	52.20	8.52	54.40	8.88	56.70	9.28	58.20	9.55	63.20	10.74
	29	36.90	7.17	46.10	8.54	56.60	10.51	58.70	10.92	60.90	11.37	64.60	12.14	74.90	14.80
	31	41.70	8.92	50.70	10.44	61.20	12.69	63.00	13.13	68.60	14.46	76.40	16.49	86.40	19.91
	33	46.60	10.90	55.40	12.66	65.90	15.33	72.40	17.19	80.60	19.69	88.20	22.21	97.90	26.53
	35	51.80	13.37	60.30	15.41	77.20	20.74	84.50	23.37	92.70	26.54	99.90	29.44	109.4	33.88
	37	51.80	14.23	60.30	16.41	77.20	22.09	84.50	24.89	92.70	28.28	99.90	31.24	109.4	35.99
	39	51.80	15.16	60.30	17.47	77.20	23.53	84.50	26.52	92.70	30.16	99.90	33.19	109.4	38.30
	41	51.80	16.14	60.30	18.61	77.20	25.07	84.50	28.28	92.70	32.11	99.90	35.30	109.4	40.87
	43	51.80	17.20	60.30	19.84	77.20	26.72	84.50	30.17	92.70	34.16	99.90	37.60	105.4	41.39
	46	51.80	18.91	60.30	21.81	77.20	29.44	84.50	33.32	92.70	37.56	93.50	37.98	92.20	38.30
	48	51.80	20.15	60.30	23.24	77.20	31.44	84.50	35.66	85.20	36.04	85.10	36.00	84.00	36.34
	50	51.80	21.48	60.30	24.77	77.20	33.60	77.40	33.69	77.30	33.72	77.40	33.72	76.20	34.05
	52	51.80	22.89	60.30	26.40	67.90	30.04	68.20	29.80	68.30	29.52	68.50	29.32	68.20	29.46
90	10	14.90	1.02	23.80	1.63	33.70	2.31	36.10	2.49	38.50	2.66	41.00	2.83	43.60	3.05
	12	14.90	1.02	23.80	1.63	33.70	2.32	36.10	2.49	38.50	2.66	41.00	2.84	43.60	3.07
	14	14.90	1.02	23.80	1.63	33.70	2.34	36.10	2.51	38.50	2.69	41.00	2.87	43.60	3.10
	16	14.90	1.02	23.80	1.64	33.70	2.36	36.10	2.54	38.50	2.72	41.00	2.91	43.60	3.16
	18	14.90	1.02	23.80	1.65	33.70	2.41	36.10	2.60	38.50	2.80	41.00	3.01	43.60	3.30
	20	14.90	1.03	23.80	1.70	33.70	2.54	36.10	2.77	38.50	3.00	41.00	3.26	43.60	3.68
	21	16.80	1.21	25.70	1.97	35.60	3.07	37.80	3.37	40.20	3.70	42.50	4.05	45.00	4.84
	23	20.70	3.83	29.50	4.48	39.30	5.35	41.40	5.56	43.70	5.78	45.70	5.99	47.90	6.35
	25	24.80	4.50	33.30	5.30	43.00	6.37	45.20	6.63	47.30	6.90	49.00	7.12	50.90	7.52
	27	29.00	5.40	37.30	6.36	47.00	7.70	49.00	8.01	51.00	8.33	52.40	8.55	56.90	9.55
	29	33.10	6.60	41.40	7.75	50.90	9.44	52.80	9.79	54.70	10.16	58.10	10.81	67.30	13.05
	31	37.50	8.15	45.60	9.46	55.10	11.34	56.70	11.72	61.70	12.81	68.80	14.50	77.80	17.33

15. ARUM360LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	42.00	9.90	49.90	11.37	59.20	13.60	65.20	15.16	72.60	17.23	79.40	19.29	88.20	22.83
	35	46.60	12.03	54.30	13.74	69.50	18.17	76.10	20.34	83.40	22.95	90.00	25.44	98.50	29.64
	37	46.60	12.79	54.30	14.62	69.50	19.35	76.10	21.67	83.40	24.44	90.00	27.11	98.50	31.46
	39	46.60	13.61	54.30	15.57	69.50	20.61	76.10	23.08	83.40	26.05	90.00	28.90	98.50	33.42
	41	46.60	14.50	54.30	16.58	69.50	21.96	76.10	24.60	83.40	27.77	90.00	30.84	98.50	35.55
	43	46.60	15.45	54.30	17.67	69.50	23.40	76.10	26.21	83.40	29.62	90.00	32.92	98.50	37.87
	46	46.60	17.00	54.30	19.43	69.50	25.74	76.10	28.87	83.40	32.70	90.00	36.15	92.30	38.35
	48	46.60	18.12	54.30	20.70	69.50	27.45	76.10	30.82	83.40	34.99	85.20	36.04	84.20	36.42
	50	46.60	19.31	54.30	22.06	69.50	29.28	76.10	32.94	77.30	33.70	77.30	33.70	76.30	34.11
	52	46.60	20.58	54.30	23.51	67.80	30.24	68.00	30.02	68.20	29.75	68.30	29.53	68.10	29.70
80	10	13.20	0.91	21.20	1.44	30.00	2.05	32.10	2.20	34.20	2.35	36.40	2.51	38.70	2.69
	12	13.20	0.91	21.20	1.44	30.00	2.05	32.10	2.21	34.20	2.36	36.40	2.51	38.70	2.71
	14	13.20	0.90	21.20	1.44	30.00	2.07	32.10	2.21	34.20	2.37	36.40	2.53	38.70	2.73
	16	13.20	0.90	21.20	1.44	30.00	2.08	32.10	2.24	34.20	2.39	36.40	2.56	38.70	2.77
	18	13.20	0.90	21.20	1.46	30.00	2.11	32.10	2.28	34.20	2.45	36.40	2.63	38.70	2.86
	20	13.20	0.90	21.20	1.49	30.00	2.21	32.10	2.40	34.20	2.59	36.40	2.80	38.70	3.13
	21	14.90	1.06	22.80	1.70	31.60	2.60	33.70	2.84	35.80	3.10	37.80	3.36	40.00	3.96
	23	18.40	3.48	26.20	4.21	34.90	4.95	36.90	5.13	38.90	5.31	40.70	5.48	42.60	5.78
	25	22.00	4.23	29.70	4.92	38.30	5.82	40.10	6.04	42.10	6.26	43.60	6.44	45.30	6.77
	27	25.70	5.02	33.20	5.83	41.80	6.95	43.50	7.20	45.40	7.46	46.60	7.65	50.60	8.45
	29	29.50	6.05	36.90	7.02	45.30	8.41	47.00	8.70	48.70	9.01	51.70	9.57	59.90	11.43
	31	33.30	7.40	40.50	8.53	48.90	10.10	50.40	10.40	54.90	11.30	61.20	12.68	69.10	14.97
	33	37.30	8.93	44.30	10.17	52.70	12.01	58.00	13.28	64.50	14.97	70.50	16.64	78.30	19.50
	35	41.40	10.77	48.30	12.18	61.70	15.82	67.60	17.58	74.10	19.69	79.90	21.69	87.50	25.24
	37	41.40	11.44	48.30	12.95	61.70	16.84	67.60	18.73	74.10	20.97	79.90	23.10	87.50	26.89
	39	41.40	12.17	48.30	13.79	61.70	17.94	67.60	19.95	74.10	22.34	79.90	24.62	87.50	28.67
	41	41.40	12.96	48.30	14.69	61.70	19.11	67.60	21.25	74.10	23.80	79.90	26.24	87.50	30.59
	43	41.40	13.81	48.30	15.65	61.70	20.36	67.60	22.64	74.10	25.37	79.90	27.97	87.50	32.65
	46	41.40	15.19	48.30	17.22	61.70	22.39	67.60	24.90	74.10	27.92	79.90	30.83	87.50	35.87
	48	41.40	16.19	48.30	18.35	61.70	23.86	67.60	26.54	74.10	29.79	79.90	32.96	84.20	36.41
	50	41.40	17.27	48.30	19.56	61.70	25.42	67.60	28.31	74.10	31.82	77.30	33.69	76.40	34.10
	52	41.40	18.42	48.30	20.84	61.70	27.10	66.90	29.79	68.10	30.08	68.10	29.80	67.90	29.98
70	10	11.50	0.79	18.50	1.26	26.30	1.79	28.10	1.92	29.90	2.05	31.90	2.18	33.90	2.35
	12	11.50	0.79	18.50	1.26	26.30	1.79	28.10	1.92	29.90	2.05	31.90	2.20	33.90	2.36
	14	11.50	0.79	18.50	1.26	26.30	1.81	28.10	1.93	29.90	2.06	31.90	2.20	33.90	2.37
	16	11.50	0.79	18.50	1.26	26.30	1.81	28.10	1.94	29.90	2.08	31.90	2.22	33.90	2.39
	18	11.50	0.79	18.50	1.27	26.30	1.84	28.10	1.97	29.90	2.11	31.90	2.26	33.90	2.47
	20	11.50	0.79	18.50	1.29	26.30	1.90	28.10	2.04	29.90	2.20	31.90	2.38	33.90	2.63
	21	13.10	0.91	20.00	1.45	27.70	2.16	29.50	2.36	31.30	2.56	33.10	2.77	35.10	3.19
	23	16.20	2.87	22.90	3.82	30.60	4.57	32.20	4.72	34.00	4.88	35.60	5.01	37.30	5.26
	25	19.30	3.98	25.90	4.54	33.50	5.30	35.10	5.48	36.90	5.66	38.10	5.80	39.60	6.09
	27	22.50	4.64	29.00	5.32	36.50	6.25	38.00	6.46	39.60	6.67	40.70	6.81	44.30	7.46
	29	25.80	5.51	32.20	6.33	39.60	7.46	41.10	7.70	42.60	7.95	45.20	8.39	52.40	9.92
	31	29.20	6.67	35.50	7.63	42.80	8.94	44.10	9.20	48.00	9.91	53.50	11.02	60.50	12.84
	33	32.60	8.00	38.80	9.04	46.10	10.54	50.70	11.56	56.50	12.91	61.70	14.23	68.60	16.50
	35	36.20	9.58	42.30	10.73	54.00	13.66	59.20	15.07	64.80	16.74	70.00	18.32	76.70	21.11
	37	36.20	10.16	42.30	11.40	54.00	14.54	59.20	16.04	64.80	17.83	70.00	19.51	76.70	22.48
	39	36.20	10.80	42.30	12.13	54.00	15.49	59.20	17.09	64.80	18.99	70.00	20.78	76.70	23.94
	41	36.20	11.50	42.30	12.92	54.00	16.50	59.20	18.20	64.80	20.23	70.00	22.14	76.70	25.52
	43	36.20	12.26	42.30	13.76	54.00	17.57	59.20	19.39	64.80	21.56	70.00	23.59	76.70	27.21
	46	36.20	13.49	42.30	15.15	54.00	19.33	59.20	21.33	64.80	23.70	70.00	25.95	76.70	29.99

15. ARUM360LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	36.20	14.39	42.30	16.15	54.00	20.59	59.20	22.72	64.80	25.26	70.00	27.67	76.70	32.04
	50	36.20	15.35	42.30	17.22	54.00	21.95	59.20	24.22	64.80	26.92	70.00	29.52	76.30	34.10
	52	36.20	16.38	42.30	18.36	54.00	23.38	59.20	25.81	64.80	28.72	68.00	30.24	67.60	30.40
60	10	9.90	0.68	15.90	1.08	22.50	1.54	24.10	1.65	25.70	1.76	27.30	1.87	29.00	2.01
	12	9.90	0.68	15.90	1.08	22.50	1.54	24.10	1.65	25.70	1.76	27.30	1.87	29.00	2.01
	14	9.90	0.67	15.90	1.08	22.50	1.54	24.10	1.65	25.70	1.76	27.30	1.88	29.00	2.01
	16	9.90	0.67	15.90	1.08	22.50	1.55	24.10	1.66	25.70	1.77	27.30	1.88	29.00	2.03
	18	9.90	0.67	15.90	1.09	22.50	1.55	24.10	1.67	25.70	1.79	27.30	1.91	29.00	2.07
	20	9.90	0.67	15.90	1.09	22.50	1.59	24.10	1.72	25.70	1.85	27.30	1.99	29.00	2.18
	21	11.20	0.77	17.10	1.21	23.70	1.78	25.20	1.93	26.80	2.09	28.40	2.25	30.00	2.54
	23	13.80	2.03	19.60	3.04	26.10	4.21	27.70	4.33	29.20	4.45	30.50	4.57	32.00	4.77
	25	16.90	3.77	22.30	4.20	28.80	4.82	30.10	4.96	31.50	5.10	32.70	5.22	34.00	5.45
	27	19.30	4.29	24.90	4.84	31.30	5.60	32.60	5.76	34.00	5.93	34.90	6.05	38.00	6.57
	29	22.10	5.02	27.60	5.67	34.00	6.59	35.20	6.78	36.50	6.97	38.70	7.33	44.90	8.53
	31	25.00	5.97	30.40	6.75	36.70	7.84	37.80	8.04	41.10	8.63	45.90	9.50	51.80	10.93
	33	27.90	7.11	33.30	7.96	39.50	9.17	43.40	9.99	48.40	11.03	52.90	12.06	58.70	13.81
	35	31.10	8.42	36.20	9.36	46.30	11.69	50.70	12.78	55.60	14.08	59.90	15.30	65.70	17.44
	37	31.10	8.92	36.20	9.93	46.30	12.43	50.70	13.61	55.60	14.99	59.90	16.28	65.70	18.57
	39	31.10	9.45	36.20	10.55	46.30	13.23	50.70	14.48	55.60	15.96	59.90	17.34	65.70	19.78
	41	31.10	10.04	36.20	11.24	46.30	14.10	50.70	15.44	55.60	17.01	59.90	18.48	65.70	21.07
	43	31.10	10.68	36.20	11.98	46.30	15.02	50.70	16.45	55.60	18.12	59.90	19.69	65.70	22.45
	46	31.10	11.76	36.20	13.21	46.30	16.53	50.70	18.09	55.60	19.93	59.90	21.65	65.70	24.68
	48	31.10	12.57	36.20	14.09	46.30	17.61	50.70	19.28	55.60	21.23	59.90	23.06	65.70	26.31
	50	31.10	13.44	36.20	15.04	46.30	18.78	50.70	20.55	55.60	22.62	59.90	24.58	65.70	28.07
	52	31.10	14.39	36.20	16.05	46.30	20.02	50.70	21.89	55.60	24.10	59.90	26.19	65.70	29.96
50	10	8.30	0.61	13.30	0.90	18.70	1.28	20.00	1.37	21.40	1.46	22.80	1.55	24.30	1.67
	12	8.30	0.61	13.30	0.90	18.70	1.28	20.00	1.37	21.40	1.46	22.80	1.55	24.30	1.67
	14	8.30	0.61	13.30	0.90	18.70	1.28	20.00	1.37	21.40	1.46	22.80	1.55	24.30	1.68
	16	8.30	0.61	13.30	0.89	18.70	1.28	20.00	1.37	21.40	1.46	22.80	1.57	24.30	1.68
	18	8.30	0.61	13.30	0.90	18.70	1.29	20.00	1.38	21.40	1.47	22.80	1.58	24.30	1.71
	20	8.30	0.61	13.30	0.90	18.70	1.30	20.00	1.40	21.40	1.50	22.80	1.61	24.30	1.76
	21	9.30	0.63	14.20	0.99	19.80	1.43	21.10	1.54	22.30	1.65	23.60	1.78	25.00	1.98
	23	11.50	1.39	16.40	2.07	21.80	3.57	23.00	3.84	24.30	4.06	25.40	4.15	26.60	4.31
	25	15.30	3.68	18.50	3.87	23.90	4.36	25.10	4.47	26.30	4.58	27.20	4.67	28.30	4.85
	27	16.20	3.97	20.70	4.38	26.10	4.98	27.20	5.11	28.30	5.24	29.10	5.33	31.70	5.74
	29	18.40	4.53	23.00	5.05	28.30	5.77	29.30	5.92	30.40	6.07	32.30	6.34	37.40	7.26
	31	20.90	5.30	25.40	5.91	30.60	6.78	31.50	6.94	34.20	7.41	38.20	8.11	43.20	9.22
	33	23.40	6.25	27.70	6.93	32.90	7.89	36.20	8.52	40.30	9.34	44.10	10.11	49.00	11.42
	35	25.90	7.32	30.20	8.07	38.60	9.90	42.30	10.73	46.30	11.69	50.00	12.60	54.70	14.18
	37	25.90	7.72	30.20	8.53	38.60	10.52	42.30	11.40	46.30	12.44	50.00	13.40	54.70	15.10
	39	25.90	8.16	30.20	9.04	38.60	11.19	42.30	12.13	46.30	13.24	50.00	14.27	54.70	16.08
	41	25.90	8.65	30.20	9.60	38.60	11.90	42.30	12.92	46.30	14.10	50.00	15.20	54.70	17.13
	43	25.90	9.19	30.20	10.21	38.60	12.69	42.30	13.77	46.30	15.02	50.00	16.19	54.70	18.25
	46	25.90	10.10	30.20	11.23	38.60	13.96	42.30	15.15	46.30	16.53	50.00	17.81	54.70	20.07
	48	25.90	10.77	30.20	12.00	38.60	14.89	42.30	16.15	46.30	17.63	50.00	18.99	54.70	21.38
	50	25.90	11.49	30.20	12.82	38.60	15.89	42.30	17.23	46.30	18.78	50.00	20.23	54.70	22.79
	52	25.90	12.28	30.20	13.72	38.60	16.95	42.30	18.37	46.30	20.02	50.00	21.57	54.70	24.28

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

15. ARUM360LTE6

15.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	67.50	33.03	67.00	33.31	66.40	33.59	66.20	33.73	66.00	33.87	65.50	34.14
	-24.8	-25	78.60	34.73	78.00	35.04	77.40	35.35	77.10	35.50	76.90	35.66	76.30	35.96
	-21.8	-22	85.50	35.70	84.90	36.04	84.30	36.36	84.00	36.53	83.70	36.68	83.10	37.00
	-19.8	-20	90.40	36.36	89.80	36.70	89.10	37.04	88.70	37.21	88.50	37.38	87.90	37.71
	-18.8	-19	92.90	36.69	92.20	37.04	91.60	37.39	91.20	37.56	90.90	37.73	90.30	38.06
	-16.7	-17	98.00	37.36	97.40	37.72	96.70	38.07	96.30	38.26	96.10	38.43	95.40	38.77
	-15	-15.9	101.2	37.74	100.5	38.11	99.80	38.48	99.40	38.66	99.00	38.84	98.40	39.18
	-13.7	-15	104.0	38.09	103.3	38.47	102.6	38.85	102.3	39.04	101.9	39.22	101.3	39.58
	-11.8	-13	109.3	38.73	108.5	39.12	107.8	39.50	107.4	39.69	107.0	39.87	106.3	40.24
	-9.8	-11	115.2	39.42	114.3	39.81	113.5	40.21	113.2	40.40	112.8	40.59	112.0	40.96
	-9.5	-10	118.0	39.74	117.2	40.14	116.4	40.54	116.0	40.74	115.5	40.94	114.7	41.31
	-8.5	-9.1	120.8	40.05	119.9	40.47	119.1	40.87	118.7	41.07	118.3	41.26	117.5	41.65
	-7	-7.6	125.5	40.58	124.7	41.01	123.8	41.42	123.4	41.62	122.9	41.82	122.1	42.21
	-5	-5.6	132.2	41.30	131.2	41.74	130.3	42.15	129.9	42.36	129.4	42.57	128.5	42.97
	-3	-3.7	138.7	42.00	137.7	42.45	136.8	42.88	136.3	43.09	135.8	43.31	129.0	40.74
	0	-0.7	149.5	43.13	148.4	43.58	147.3	43.99	142.8	42.28	138.2	40.56	129.0	37.18
	3	2.2	160.3	44.22	156.6	43.51	147.4	40.26	142.8	38.69	138.2	37.12	129.0	34.08
	5	4.1	165.8	44.16	156.6	41.04	147.4	38.01	142.8	36.53	138.2	35.07	129.0	32.21
	7	6	165.8	41.61	156.6	38.69	147.4	35.85	142.8	34.46	138.2	33.08	129.0	30.41
	9	7.9	165.8	39.12	156.6	36.39	147.4	33.73	142.8	32.43	138.2	31.15	129.0	28.65
	11	9.8	165.8	36.74	156.6	34.19	147.4	31.72	142.8	30.50	138.2	29.32	129.0	26.98
	13	11.8	165.8	34.36	156.6	32.00	147.4	29.72	142.8	28.59	138.2	27.49	129.0	25.33
	15	13.7	165.8	32.22	156.6	30.04	147.4	27.91	142.8	26.87	138.2	25.84	129.0	23.84
120	-30	-30.2	67.20	33.18	66.60	33.46	66.20	33.74	66.00	33.88	65.70	34.01	65.30	34.29
	-24.8	-25	78.20	34.93	77.60	35.24	77.10	35.55	76.80	35.70	76.50	35.85	76.00	36.15
	-21.8	-22	85.10	35.95	84.50	36.27	83.80	36.59	83.60	36.75	83.30	36.91	82.70	37.22
	-19.8	-20	89.80	36.62	89.20	36.96	88.70	37.30	88.30	37.47	88.00	37.62	87.40	37.95
	-18.8	-19	92.40	36.96	91.80	37.31	91.10	37.65	90.70	37.82	90.50	37.98	89.80	38.31
	-16.7	-17	97.50	37.66	96.80	38.02	96.10	38.37	95.80	38.54	95.50	38.71	94.80	39.05
	-15	-15.9	100.5	38.06	99.90	38.43	99.20	38.78	98.80	38.96	98.50	39.14	97.90	39.48
	-13.7	-15	103.4	38.43	102.7	38.81	102.1	39.17	101.7	39.36	101.4	39.53	100.7	39.89
	-11.8	-13	108.6	39.09	107.9	39.48	107.1	39.85	106.8	40.03	106.4	40.21	105.6	40.57
	-9.8	-11	114.4	39.81	113.5	40.21	112.8	40.59	112.4	40.77	112.0	40.96	111.3	41.33
	-9.5	-10	117.2	40.15	116.4	40.55	115.5	40.94	115.1	41.13	114.7	41.32	114.0	41.69
	-8.5	-9.1	119.9	40.49	119.1	40.88	118.2	41.28	117.8	41.47	117.4	41.67	116.7	42.04
	-7	-7.6	124.6	41.05	123.8	41.45	122.9	41.86	122.5	42.05	122.1	42.25	119.0	41.46
	-5	-5.6	131.1	41.80	130.1	42.23	129.2	42.64	128.8	42.83	127.6	42.60	119.0	39.05
	-3	-3.7	137.5	42.54	136.6	42.97	135.6	43.39	131.8	41.89	127.6	40.18	119.0	36.86
	0	-0.7	148.0	43.73	144.6	42.95	136.1	39.77	131.8	38.21	127.6	36.67	119.0	33.68
	3	2.2	153.0	42.25	144.6	39.30	136.1	36.42	131.8	35.01	127.6	33.62	119.0	30.91
	5	4.1	153.0	39.86	144.6	37.10	136.1	34.41	131.8	33.09	127.6	31.79	119.0	29.25
	7	6	153.0	37.59	144.6	34.99	136.1	32.46	131.8	31.22	127.6	30.00	119.0	27.61
	9	7.9	153.0	35.35	144.6	32.93	136.1	30.57	131.8	29.41	127.6	28.28	119.0	26.04
	11	9.8	153.0	33.23	144.6	30.97	136.1	28.77	131.8	27.69	127.6	26.64	119.0	24.55
	13	11.8	153.0	31.12	144.6	29.03	136.1	26.99	131.8	25.98	127.6	25.00	119.0	23.07

15. ARUM360LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	153.0	29.21	144.6	27.27	136.1	25.38	131.8	24.45	127.6	23.53	119.0	21.73
110	-30	-30.2	66.80	33.37	66.40	33.65	65.90	33.91	65.70	34.06	65.50	34.19	65.00	34.45
	-24.8	-25	77.80	35.17	77.20	35.48	76.70	35.78	76.40	35.93	76.10	36.07	75.60	36.36
	-21.8	-22	84.50	36.23	84.00	36.55	83.40	36.86	83.10	37.02	82.80	37.17	82.30	37.48
	-19.8	-20	89.30	36.93	88.70	37.26	88.10	37.59	87.80	37.75	87.50	37.92	86.80	38.22
	-18.8	-19	91.80	37.28	91.10	37.62	90.50	37.96	90.10	38.12	89.90	38.28	89.30	38.61
	-16.7	-17	96.80	38.01	96.10	38.36	95.50	38.71	95.20	38.88	94.80	39.04	94.20	39.37
	-15	-15.9	99.80	38.43	99.20	38.79	98.50	39.14	98.10	39.31	97.80	39.48	97.10	39.82
	-13.7	-15	102.7	38.82	102.0	39.19	101.3	39.55	101.0	39.73	100.6	39.90	100.0	40.24
	-11.8	-13	107.7	39.52	107.0	39.89	106.3	40.25	105.9	40.43	105.6	40.61	104.9	40.96
	-9.8	-11	113.5	40.27	112.6	40.66	111.9	41.03	111.5	41.21	111.1	41.39	109.1	41.03
	-9.5	-10	116.2	40.63	115.4	41.02	114.6	41.39	114.2	41.58	113.8	41.77	109.1	39.92
	-8.5	-9.1	118.9	40.98	118.0	41.37	117.3	41.75	116.9	41.95	116.5	42.13	109.1	38.87
	-7	-7.6	123.5	41.57	122.7	41.97	121.8	42.36	120.8	42.24	117.0	40.54	109.1	37.19
	-5	-5.6	129.8	42.38	129.0	42.79	124.7	41.40	120.8	39.78	117.0	38.18	109.1	35.05
	-3	-3.7	136.2	43.16	132.5	42.18	124.7	39.06	120.8	37.55	117.0	36.04	109.1	33.12
	0	-0.7	140.4	41.35	132.5	38.47	124.7	35.67	120.8	34.30	117.0	32.94	109.1	30.30
	3	2.2	140.4	37.85	132.5	35.24	124.7	32.71	120.8	31.47	117.0	30.25	109.1	27.85
	5	4.1	140.4	35.74	132.5	33.30	124.7	30.93	120.8	29.77	117.0	28.62	109.1	26.37
	7	6	140.4	33.72	132.5	31.43	124.7	29.20	120.8	28.10	117.0	27.02	109.1	24.92
	9	7.9	140.4	31.75	132.5	29.61	124.7	27.53	120.8	26.50	117.0	25.50	109.1	23.52
	11	9.8	140.4	29.87	132.5	27.88	124.7	25.93	120.8	24.98	117.0	24.04	109.1	22.20
	13	11.8	140.4	27.99	132.5	26.15	124.7	24.35	120.8	23.46	117.0	22.59	109.1	20.88
	15	13.7	140.4	26.32	132.5	24.60	124.7	22.93	120.8	22.10	117.0	21.28	109.1	19.70
100	-30	-30.2	66.40	33.59	66.00	33.86	65.50	34.13	65.30	34.26	65.10	34.40	64.60	34.66
	-24.8	-25	77.30	35.45	76.70	35.75	76.20	36.05	75.90	36.19	75.60	36.34	75.20	36.62
	-21.8	-22	84.00	36.55	83.40	36.87	82.80	37.17	82.50	37.33	82.30	37.48	81.70	37.78
	-19.8	-20	88.70	37.28	88.00	37.62	87.40	37.94	87.20	38.09	86.80	38.25	86.30	38.56
	-18.8	-19	91.00	37.66	90.50	37.99	89.80	38.32	89.50	38.48	89.20	38.64	88.60	38.95
	-16.7	-17	96.10	38.43	95.40	38.76	94.80	39.10	94.40	39.27	94.10	39.42	93.50	39.74
	-15	-15.9	99.00	38.86	98.30	39.22	97.70	39.55	97.30	39.72	97.00	39.89	96.40	40.21
	-13.7	-15	101.8	39.28	101.2	39.64	100.6	40.00	100.2	40.17	99.90	40.34	99.20	40.63
	-11.8	-13	106.8	40.01	106.0	40.37	105.3	40.72	105.0	40.90	104.7	41.07	99.20	38.58
	-9.8	-11	112.4	40.81	111.6	41.18	110.9	41.54	109.8	41.36	106.3	39.71	99.20	36.46
	-9.5	-10	115.1	41.19	114.2	41.56	113.4	41.89	109.8	40.24	106.3	38.64	99.20	35.49
	-8.5	-9.1	117.6	41.56	116.9	41.94	113.4	40.77	109.8	39.19	106.3	37.62	99.20	34.57
	-7	-7.6	122.1	42.19	120.4	42.09	113.4	39.01	109.8	37.49	106.3	36.01	99.20	33.09
	-5	-5.6	127.6	42.60	120.4	39.63	113.4	36.74	109.8	35.34	106.3	33.94	99.20	31.22
	-3	-3.7	127.6	40.19	120.4	37.41	113.4	34.70	109.8	33.38	106.3	32.07	99.20	29.52
	0	-0.7	127.6	36.67	120.4	34.17	113.4	31.73	109.8	30.53	106.3	29.36	99.20	27.05
	3	2.2	127.6	33.63	120.4	31.36	113.4	29.15	109.8	28.07	106.3	26.99	99.20	24.90
	5	4.1	127.6	31.79	120.4	29.66	113.4	27.59	109.8	26.57	106.3	25.57	99.20	23.60
	7	6	127.6	30.00	120.4	28.00	113.4	26.06	109.8	25.11	106.3	24.17	99.20	22.31
	9	7.9	127.6	28.28	120.4	26.41	113.4	24.60	109.8	23.70	106.3	22.81	99.20	21.09
	11	9.8	127.6	26.64	120.4	24.90	113.4	23.20	109.8	22.37	106.3	21.55	99.20	19.93
	13	11.8	127.6	25.00	120.4	23.39	113.4	21.81	109.8	21.04	106.3	20.27	99.20	18.77
	15	13.7	127.6	23.53	120.4	22.02	113.4	20.56	109.8	19.83	106.3	19.12	99.20	17.73

15. ARUM360LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	66.00	33.85	65.50	34.12	65.10	34.38	64.90	34.51	64.60	34.64	64.20	34.89
	-24.8	-25	76.70	35.79	76.10	36.09	75.60	36.37	75.40	36.52	75.10	36.66	74.50	36.94
	-21.8	-22	83.20	36.94	82.70	37.24	82.10	37.56	81.80	37.71	81.60	37.84	81.00	38.14
	-19.8	-20	87.80	37.72	87.20	38.03	86.60	38.35	86.40	38.50	86.10	38.65	85.50	38.95
	-18.8	-19	90.30	38.11	89.60	38.44	89.00	38.75	88.60	38.91	88.40	39.06	87.80	39.36
	-16.7	-17	95.10	38.92	94.40	39.25	93.80	39.57	93.50	39.74	93.20	39.89	89.30	38.12
	-15	-15.9	98.00	39.39	97.30	39.72	96.70	40.06	96.40	40.21	95.60	40.14	89.30	36.85
	-13.7	-15	100.8	39.83	100.2	40.18	99.50	40.52	98.80	40.47	95.60	38.83	89.30	35.64
	-11.8	-13	105.6	40.59	104.9	40.94	102.1	39.97	98.80	38.42	95.60	36.88	89.30	33.88
	-9.8	-11	111.1	41.45	108.4	40.70	102.1	37.75	98.80	36.30	95.60	34.87	89.30	32.08
	-9.5	-10	113.6	41.85	108.4	39.60	102.1	36.74	98.80	35.34	95.60	33.95	89.30	31.24
	-8.5	-9.1	114.8	41.41	108.4	38.56	102.1	35.79	98.80	34.41	95.60	33.07	89.30	30.44
	-7	-7.6	114.8	39.62	108.4	36.90	102.1	34.25	98.80	32.95	95.60	31.68	89.30	29.16
	-5	-5.6	114.8	37.31	108.4	34.78	102.1	32.29	98.80	31.08	95.60	29.89	89.30	27.53
	-3	-3.7	114.8	35.24	108.4	32.86	102.1	30.53	98.80	29.39	95.60	28.26	89.30	26.06
	0	-0.7	114.8	32.22	108.4	30.07	102.1	27.97	98.80	26.94	95.60	25.92	89.30	23.92
	3	2.2	114.8	29.59	108.4	27.64	102.1	25.74	98.80	24.80	95.60	23.88	89.30	22.07
	5	4.1	114.8	28.00	108.4	26.17	102.1	24.38	98.80	23.50	95.60	22.64	89.30	20.93
	7	6	114.8	26.45	108.4	24.73	102.1	23.05	98.80	22.23	95.60	21.41	89.30	19.81
	9	7.9	114.8	24.95	108.4	23.34	102.1	21.78	98.80	21.01	95.60	20.24	89.30	18.75
	11	9.8	114.8	23.54	108.4	22.04	102.1	20.57	98.80	19.85	95.60	19.14	89.30	17.73
	13	11.8	114.8	22.12	108.4	20.73	102.1	19.36	98.80	18.70	95.60	18.03	89.30	16.73
	15	13.7	114.8	20.85	108.4	19.55	102.1	18.27	98.80	17.65	95.60	17.04	89.30	15.82
80	-30	-30.2	65.50	34.17	65.00	34.43	64.60	34.69	64.40	34.81	64.20	34.94	63.70	35.19
	-24.8	-25	75.90	36.21	75.40	36.50	74.90	36.78	74.60	36.91	74.30	37.05	73.90	37.32
	-21.8	-22	82.30	37.42	81.80	37.72	81.20	38.01	81.00	38.16	80.70	38.30	79.40	38.03
	-19.8	-20	86.80	38.24	86.30	38.55	85.70	38.85	85.40	39.00	84.90	39.05	79.40	35.95
	-18.8	-19	89.20	38.66	88.60	38.97	88.00	39.28	87.70	39.43	85.00	38.01	79.40	34.97
	-16.7	-17	93.90	39.51	93.30	39.83	90.70	38.86	87.90	37.38	85.00	35.92	79.40	33.06
	-15	-15.9	96.80	40.02	96.20	40.34	90.70	37.57	87.90	36.14	85.00	34.72	79.40	31.94
	-13.7	-15	99.50	40.50	96.30	39.19	90.70	36.34	87.90	34.94	85.00	33.56	79.40	30.87
	-11.8	-13	102.1	39.97	96.30	37.22	90.70	34.54	87.90	33.23	85.00	31.94	79.40	29.38
	-9.8	-11	102.1	37.75	96.30	35.18	90.70	32.70	87.90	31.46	85.00	30.24	79.40	27.86
	-9.5	-10	102.1	36.74	96.30	34.26	90.70	31.84	87.90	30.65	85.00	29.47	79.40	27.18
	-8.5	-9.1	102.1	35.79	96.30	33.37	90.70	31.02	87.90	29.87	85.00	28.72	79.40	26.49
	-7	-7.6	102.1	34.25	96.30	31.95	90.70	29.71	87.90	28.62	85.00	27.53	79.40	25.39
	-5	-5.6	102.1	32.29	96.30	30.15	90.70	28.05	87.90	27.02	85.00	26.00	79.40	24.01
	-3	-3.7	102.1	30.53	96.30	28.51	90.70	26.54	87.90	25.58	85.00	24.63	79.40	22.76
	0	-0.7	102.1	27.97	96.30	26.15	90.70	24.36	87.90	23.50	85.00	22.62	79.40	20.93
	3	2.2	102.1	25.74	96.30	24.08	90.70	22.47	87.90	21.67	85.00	20.88	79.40	19.34
	5	4.1	102.1	24.38	96.30	22.83	90.70	21.31	87.90	20.55	85.00	19.81	79.40	18.36
	7	6	102.1	23.05	96.30	21.59	90.70	20.16	87.90	19.46	85.00	18.77	79.40	17.40
	9	7.9	102.1	21.78	96.30	20.41	90.70	19.08	87.90	18.42	85.00	17.77	79.40	16.50
	11	9.8	102.1	20.57	96.30	19.29	90.70	18.05	87.90	17.43	85.00	16.82	79.40	15.63
	13	11.8	102.1	19.36	96.30	18.18	90.70	17.02	87.90	16.44	85.00	15.88	79.40	14.77
	15	13.7	102.1	18.27	96.30	17.17	90.70	16.09	87.90	15.55	85.00	15.03	79.40	13.98
70	-30	-30.2	64.80	34.58	64.40	34.83	63.90	35.07	63.70	35.20	63.50	35.33	63.10	35.56

15. ARUM360LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	74.90	36.73	74.50	37.01	73.90	37.27	73.70	37.40	73.50	37.53	69.50	35.22
	-21.8	-22	81.20	38.02	80.70	38.30	79.40	38.03	76.90	36.59	74.40	35.18	69.50	32.41
	-19.8	-20	85.70	38.89	84.40	38.70	79.40	35.95	76.90	34.60	74.40	33.27	69.50	30.66
	-18.8	-19	87.90	39.34	84.40	37.62	79.40	34.97	76.90	33.66	74.40	32.37	69.50	29.83
	-16.7	-17	89.30	38.12	84.40	35.55	79.40	33.06	76.90	31.83	74.40	30.61	69.50	28.23
	-15	-15.9	89.30	36.85	84.40	34.37	79.40	31.94	76.90	30.75	74.40	29.56	69.50	27.24
	-13.7	-15	89.30	35.65	84.40	33.23	79.40	30.87	76.90	29.72	74.40	28.57	69.50	26.34
	-11.8	-13	89.30	33.88	84.40	31.61	79.40	29.38	76.90	28.28	74.40	27.20	69.50	25.08
	-9.8	-11	89.30	32.08	84.40	29.94	79.40	27.86	76.90	26.83	74.40	25.82	69.50	23.83
	-9.5	-10	89.30	31.24	84.40	29.18	79.40	27.18	76.90	26.19	74.40	25.21	69.50	23.30
	-8.5	-9.1	89.30	30.44	84.40	28.45	79.40	26.49	76.90	25.53	74.40	24.58	69.50	22.72
	-7	-7.6	89.30	29.16	84.40	27.26	79.40	25.39	76.90	24.49	74.40	23.58	69.50	21.80
	-5	-5.6	89.30	27.53	84.40	25.75	79.40	24.02	76.90	23.16	74.40	22.31	69.50	20.64
	-3	-3.7	89.30	26.06	84.40	24.39	79.40	22.76	76.90	21.95	74.40	21.16	69.50	19.59
	0	-0.7	89.30	23.92	84.40	22.41	79.40	20.93	76.90	20.20	74.40	19.48	69.50	18.06
	3	2.2	89.30	22.07	84.40	20.69	79.40	19.34	76.90	18.68	74.40	18.02	69.50	16.73
	5	4.1	89.30	20.93	84.40	19.63	79.40	18.36	76.90	17.73	74.40	17.11	69.50	15.90
	7	6	89.30	19.81	84.40	18.60	79.40	17.40	76.90	16.82	74.40	16.23	69.50	15.09
	9	7.9	89.30	18.75	84.40	17.61	79.40	16.50	76.90	15.94	74.40	15.40	69.50	14.33
	11	9.8	89.30	17.74	84.40	16.67	79.40	15.63	76.90	15.12	74.40	14.61	69.50	13.61
	13	11.8	89.30	16.74	84.40	15.74	79.40	14.77	76.90	14.29	74.40	13.81	69.50	12.88
	15	13.7	89.30	15.82	84.40	14.90	79.40	13.98	76.90	13.54	74.40	13.09	69.50	12.22
60	-30	-30.2	63.80	35.10	63.50	35.34	63.10	35.58	62.80	35.70	62.60	35.81	59.60	33.91
	-24.8	-25	73.70	37.40	72.30	36.94	68.00	34.36	65.90	33.10	63.70	31.85	59.60	29.38
	-21.8	-22	76.50	36.39	72.30	33.98	68.00	31.63	65.90	30.47	63.70	29.32	59.60	27.07
	-19.8	-20	76.50	34.42	72.30	32.16	68.00	29.93	65.90	28.85	63.70	27.77	59.60	25.64
	-18.8	-19	76.50	33.48	72.30	31.27	68.00	29.12	65.90	28.06	63.70	27.02	59.60	24.96
	-16.7	-17	76.50	31.65	72.30	29.59	68.00	27.56	65.90	26.56	63.70	25.59	59.60	23.65
	-15	-15.9	76.50	30.57	72.30	28.56	68.00	26.59	65.90	25.62	63.70	24.67	59.60	22.79
	-13.7	-15	76.50	29.56	72.30	27.61	68.00	25.71	65.90	24.78	63.70	23.86	59.60	22.05
	-11.8	-13	76.50	28.12	72.30	26.28	68.00	24.48	65.90	23.60	63.70	22.73	59.60	21.01
	-9.8	-11	76.50	26.68	72.30	24.97	68.00	23.26	65.90	22.42	63.70	21.60	59.60	19.98
	-9.5	-10	76.50	26.04	72.30	24.38	68.00	22.76	65.90	21.96	63.70	21.16	59.60	19.61
	-8.5	-9.1	76.50	25.39	72.30	23.78	68.00	22.20	65.90	21.42	63.70	20.65	59.60	19.13
	-7	-7.6	76.50	24.35	72.30	22.82	68.00	21.31	65.90	20.56	63.70	19.84	59.60	18.38
	-5	-5.6	76.50	23.03	72.30	21.59	68.00	20.18	65.90	19.48	63.70	18.80	59.60	17.44
	-3	-3.7	76.50	21.84	72.30	20.48	68.00	19.15	65.90	18.50	63.70	17.85	59.60	16.57
	0	-0.7	76.50	20.10	72.30	18.87	68.00	17.66	65.90	17.06	63.70	16.48	59.60	15.32
	3	2.2	76.50	18.59	72.30	17.46	68.00	16.36	65.90	15.82	63.70	15.29	59.60	14.24
	5	4.1	76.50	17.65	72.30	16.59	68.00	15.56	65.90	15.04	63.70	14.54	59.60	13.55
	7	6	76.50	16.73	72.30	15.74	68.00	14.78	65.90	14.30	63.70	13.82	59.60	12.88
	9	7.9	76.50	15.87	72.30	14.94	68.00	14.03	65.90	13.58	63.70	13.14	59.60	12.26
	11	9.8	76.50	15.05	72.30	14.18	68.00	13.32	65.90	12.90	63.70	12.49	59.60	11.67
	13	11.8	76.50	14.22	72.30	13.41	68.00	12.62	65.90	12.22	63.70	11.83	59.60	11.07
	15	13.7	76.50	13.48	72.30	12.71	68.00	11.98	65.90	11.61	63.70	11.25	59.60	10.53
50	-30	-30.2	62.60	35.80	60.30	34.39	56.70	32.02	54.90	30.86	53.10	29.71	49.60	27.45
	-24.8	-25	63.70	31.85	60.30	29.79	56.70	27.77	54.90	26.78	53.10	25.79	49.60	23.86

15. ARUM360LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	63.70	29.32	60.30	27.44	56.70	25.60	54.90	24.70	53.10	23.80	49.60	22.04
	-19.8	-20	63.70	27.77	60.30	25.99	56.70	24.26	54.90	23.41	53.10	22.57	49.60	20.90
	-18.8	-19	63.70	27.02	60.30	25.31	56.70	23.62	54.90	22.79	53.10	21.97	49.60	20.36
	-16.7	-17	63.70	25.59	60.30	23.97	56.70	22.39	54.90	21.60	53.10	20.84	49.60	19.32
	-15	-15.9	63.70	24.67	60.30	23.10	56.70	21.57	54.90	20.81	53.10	20.06	49.60	18.60
	-13.7	-15	63.70	23.86	60.30	22.34	56.70	20.87	54.90	20.14	53.10	19.42	49.60	18.00
	-11.8	-13	63.70	22.73	60.30	21.30	56.70	19.89	54.90	19.20	53.10	18.52	49.60	17.18
	-9.8	-11	63.70	21.60	60.30	20.24	56.70	18.92	54.90	18.27	53.10	17.62	49.60	16.36
	-9.5	-10	63.70	21.16	60.30	19.86	56.70	18.59	54.90	17.96	53.10	17.34	49.60	16.11
	-8.5	-9.1	63.70	20.65	60.30	19.39	56.70	18.15	54.90	17.54	53.10	16.94	49.60	15.74
	-7	-7.6	63.70	19.84	60.30	18.63	56.70	17.44	54.90	16.86	53.10	16.29	49.60	15.15
	-5	-5.6	63.70	18.80	60.30	17.66	56.70	16.55	54.90	16.00	53.10	15.46	49.60	14.39
	-3	-3.7	63.70	17.85	60.30	16.79	56.70	15.74	54.90	15.22	53.10	14.72	49.60	13.72
	0	-0.7	63.70	16.48	60.30	15.51	56.70	14.56	54.90	14.10	53.10	13.64	49.60	12.72
	3	2.2	63.70	15.29	60.30	14.41	56.70	13.54	54.90	13.11	53.10	12.69	49.60	11.86
	5	4.1	63.70	14.54	60.30	13.71	56.70	12.90	54.90	12.50	53.10	12.09	49.60	11.31
	7	6	63.70	13.82	60.30	13.04	56.70	12.28	54.90	11.89	53.10	11.53	49.60	10.78
	9	7.9	63.70	13.14	60.30	12.40	56.70	11.69	54.90	11.33	53.10	10.98	49.60	10.29
	11	9.8	63.70	12.49	60.30	11.80	56.70	11.13	54.90	10.80	53.10	10.47	49.60	9.82
	13	11.8	63.70	11.83	60.30	11.20	56.70	10.56	54.90	10.25	53.10	9.95	49.60	9.34
	15	13.7	63.70	11.25	60.30	10.65	56.70	10.06	54.90	9.77	53.10	9.48	49.60	8.91

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

15.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	67.50	33.03	67.00	33.31	66.40	33.59	66.20	33.73	66.00	33.87	65.50	34.14
	-24.8	-25	78.60	34.73	78.00	35.04	77.40	35.35	77.10	35.50	76.90	35.66	76.30	35.96
	-21.8	-22	85.50	35.70	84.90	36.04	84.30	36.36	84.00	36.53	83.70	36.68	83.10	37.00
	-19.8	-20	90.40	36.36	89.80	36.70	89.10	37.04	88.70	37.21	88.50	37.38	87.90	37.71
	-18.8	-19	92.90	36.69	92.20	37.04	91.60	37.39	91.20	37.56	90.90	37.73	90.30	38.06
	-16.7	-17	98.00	37.36	97.40	37.72	96.70	38.07	96.30	38.26	96.10	38.43	95.40	38.77
	-15	-15.9	101.2	37.74	100.5	38.11	99.80	38.48	99.40	38.66	99.00	38.84	98.40	39.18
	-13.7	-15	104.0	38.09	103.3	38.47	102.6	38.85	102.3	39.04	101.9	39.22	101.3	39.58
	-11.8	-13	109.3	38.73	108.5	39.12	107.8	39.50	107.4	39.69	107.0	39.87	106.3	40.24
	-9.8	-11	115.2	39.42	114.3	39.81	113.5	40.21	113.2	40.40	112.8	40.59	112.0	40.96
	-9.5	-10	118.0	39.74	117.2	40.14	116.4	40.54	116.0	40.74	115.5	40.94	114.7	41.31
	-8.5	-9.1	120.8	40.05	119.9	40.47	119.1	40.87	118.7	41.07	118.3	41.26	117.5	41.65
	-7	-7.6	125.5	40.58	124.7	41.01	123.8	41.42	123.4	41.62	122.9	41.82	122.1	42.21
	-5	-5.6	132.2	41.30	131.2	41.74	130.3	42.15	129.9	42.36	129.4	42.57	128.5	42.97
	-3	-3.7	138.7	42.00	137.7	42.45	136.8	42.88	136.3	43.09	135.8	43.31	129.0	40.74
	0	-0.7	149.5	43.13	148.4	43.58	147.3	43.99	142.8	42.28	138.2	40.56	129.0	37.18
	3	2.2	160.3	44.22	156.6	43.51	147.4	40.26	142.8	38.69	138.2	37.12	129.0	34.08
	5	4.1	157.0	40.22	147.6	37.22	138.4	34.32	133.7	32.90	129.0	31.50	119.7	28.76
	7	6	147.8	34.28	138.4	31.58	129.1	28.98	124.4	27.69	119.6	26.44	110.1	23.98
	9	7.9	138.4	28.89	128.9	26.51	119.4	24.19	114.7	23.06	109.8	21.94	100.2	19.75
	11	9.8	128.7	24.12	119.1	22.02	109.5	19.98	104.6	18.98	99.80	17.99	90.00	16.07
	13	11.8	118.6	19.84	108.9	18.02	99.20	16.24	94.30	15.37	89.40	14.52	79.40	12.84
	15	13.7	108.2	16.18	98.40	14.60	88.50	13.06	83.50	12.31	78.60	11.57	68.50	10.12
120	-30	-30.2	67.20	33.18	66.60	33.46	66.20	33.74	66.00	33.88	65.70	34.01	65.30	34.29
	-24.8	-25	78.20	34.93	77.60	35.24	77.10	35.55	76.80	35.70	76.50	35.85	76.00	36.15
	-21.8	-22	85.10	35.95	84.50	36.27	83.80	36.59	83.60	36.75	83.30	36.91	82.70	37.22
	-19.8	-20	89.80	36.62	89.20	36.96	88.70	37.30	88.30	37.47	88.00	37.62	87.40	37.95
	-18.8	-19	92.40	36.96	91.80	37.31	91.10	37.65	90.70	37.82	90.50	37.98	89.80	38.31
	-16.7	-17	97.50	37.66	96.80	38.02	96.10	38.37	95.80	38.54	95.50	38.71	94.80	39.05
	-15	-15.9	100.5	38.06	99.90	38.43	99.20	38.78	98.80	38.96	98.50	39.14	97.90	39.48
	-13.7	-15	103.4	38.43	102.7	38.81	102.1	39.17	101.7	39.36	101.4	39.53	100.7	39.89
	-11.8	-13	108.6	39.09	107.9	39.48	107.1	39.85	106.8	40.03	106.4	40.21	105.6	40.57
	-9.8	-11	114.4	39.81	113.5	40.21	112.8	40.59	112.4	40.77	112.0	40.96	111.3	41.33
	-9.5	-10	117.2	40.15	116.4	40.55	115.5	40.94	115.1	41.13	114.7	41.32	114.0	41.69
	-8.5	-9.1	119.9	40.49	119.1	40.88	118.2	41.28	117.8	41.47	117.4	41.67	116.7	42.04
	-7	-7.6	124.6	41.05	123.8	41.45	122.9	41.86	122.5	42.05	122.1	42.25	119.0	41.46
	-5	-5.6	131.1	41.80	130.1	42.23	129.2	42.64	128.8	42.83	127.6	42.60	119.0	39.05
	-3	-3.7	137.5	42.54	136.6	42.97	135.6	43.39	131.8	41.89	127.6	40.18	119.0	36.86
	0	-0.7	148.0	43.73	144.6	42.95	136.1	39.77	131.8	38.21	127.6	36.67	119.0	33.68
	3	2.2	153.0	42.25	144.6	39.30	136.1	36.42	131.8	35.01	127.6	33.62	119.0	30.91
	5	4.1	144.9	36.35	136.3	33.69	127.8	31.10	123.5	29.84	119.1	28.58	110.5	26.14
	7	6	136.5	31.02	127.8	28.63	119.1	26.31	114.8	25.16	110.4	24.05	101.7	21.85
	9	7.9	127.8	26.21	119.0	24.09	110.2	22.02	105.8	21.01	101.4	20.01	92.50	18.06
	11	9.8	118.8	21.95	110.0	20.08	101.0	18.25	96.60	17.36	92.10	16.48	83.10	14.75
	13	11.8	109.5	18.12	100.6	16.49	91.60	14.89	87.10	14.11	82.50	13.34	73.30	11.84

15. ARUM360LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	99.90	14.83	90.90	13.41	81.70	12.03	77.20	11.36	72.50	10.70	63.20	9.38
110	-30	-30.2	66.80	33.37	66.40	33.65	65.90	33.91	65.70	34.06	65.50	34.19	65.00	34.45
	-24.8	-25	77.80	35.17	77.20	35.48	76.70	35.78	76.40	35.93	76.10	36.07	75.60	36.36
	-21.8	-22	84.50	36.23	84.00	36.55	83.40	36.86	83.10	37.02	82.80	37.17	82.30	37.48
	-19.8	-20	89.30	36.93	88.70	37.26	88.10	37.59	87.80	37.75	87.50	37.92	86.80	38.22
	-18.8	-19	91.80	37.28	91.10	37.62	90.50	37.96	90.10	38.12	89.90	38.28	89.30	38.61
	-16.7	-17	96.80	38.01	96.10	38.36	95.50	38.71	95.20	38.88	94.80	39.04	94.20	39.37
	-15	-15.9	99.80	38.43	99.20	38.79	98.50	39.14	98.10	39.31	97.80	39.48	97.10	39.82
	-13.7	-15	102.7	38.82	102.0	39.19	101.3	39.55	101.0	39.73	100.6	39.90	100.0	40.24
	-11.8	-13	107.7	39.52	107.0	39.89	106.3	40.25	105.9	40.43	105.6	40.61	104.9	40.96
	-9.8	-11	113.5	40.27	112.6	40.66	111.9	41.03	111.5	41.21	111.1	41.39	109.1	41.03
	-9.5	-10	116.2	40.63	115.4	41.02	114.6	41.39	114.2	41.58	113.8	41.77	109.1	39.92
	-8.5	-9.1	118.9	40.98	118.0	41.37	117.3	41.75	116.9	41.95	116.5	42.13	109.1	38.87
	-7	-7.6	123.5	41.57	122.7	41.97	121.8	42.36	120.8	42.24	117.0	40.54	109.1	37.19
	-5	-5.6	129.8	42.38	129.0	42.79	124.7	41.40	120.8	39.78	117.0	38.18	109.1	35.05
	-3	-3.7	136.2	43.16	132.5	42.18	124.7	39.06	120.8	37.55	117.0	36.04	109.1	33.12
	0	-0.7	140.4	41.35	132.5	38.47	124.7	35.67	120.8	34.30	117.0	32.94	109.1	30.30
	3	2.2	140.4	37.85	132.5	35.24	124.7	32.71	120.8	31.47	117.0	30.25	109.1	27.85
	5	4.1	132.8	32.63	124.9	30.28	117.0	28.00	113.2	26.88	109.2	25.77	101.3	23.61
	7	6	125.1	27.90	117.2	25.79	109.2	23.73	105.2	22.74	101.2	21.74	93.20	19.79
	9	7.9	117.2	23.64	109.1	21.76	101.0	19.94	97.00	19.04	92.90	18.15	84.80	16.42
	11	9.8	108.9	19.85	100.8	18.20	92.70	16.57	88.60	15.79	84.40	15.01	76.20	13.46
	13	11.8	100.3	16.45	92.20	15.00	83.90	13.59	79.80	12.90	75.60	12.22	67.30	10.87
	15	13.7	91.50	13.52	83.20	12.26	74.90	11.03	70.70	10.43	66.50	9.83	58.00	8.68
100	-30	-30.2	66.40	33.59	66.00	33.86	65.50	34.13	65.30	34.26	65.10	34.40	64.60	34.66
	-24.8	-25	77.30	35.45	76.70	35.75	76.20	36.05	75.90	36.19	75.60	36.34	75.20	36.62
	-21.8	-22	84.00	36.55	83.40	36.87	82.80	37.17	82.50	37.33	82.30	37.48	81.70	37.78
	-19.8	-20	88.70	37.28	88.00	37.62	87.40	37.94	87.20	38.09	86.80	38.25	86.30	38.56
	-18.8	-19	91.00	37.66	90.50	37.99	89.80	38.32	89.50	38.48	89.20	38.64	88.60	38.95
	-16.7	-17	96.10	38.43	95.40	38.76	94.80	39.10	94.40	39.27	94.10	39.42	93.50	39.74
	-15	-15.9	99.00	38.86	98.30	39.22	97.70	39.55	97.30	39.72	97.00	39.89	96.40	40.21
	-13.7	-15	101.8	39.28	101.2	39.64	100.6	40.00	100.2	40.17	99.90	40.34	99.20	40.63
	-11.8	-13	106.8	40.01	106.0	40.37	105.3	40.72	105.0	40.90	104.7	41.07	99.20	38.58
	-9.8	-11	112.4	40.81	111.6	41.18	110.9	41.54	109.8	41.36	106.3	39.71	99.20	36.46
	-9.5	-10	115.1	41.19	114.2	41.56	113.4	41.89	109.8	40.24	106.3	38.64	99.20	35.49
	-8.5	-9.1	117.6	41.56	116.9	41.94	113.4	40.77	109.8	39.19	106.3	37.62	99.20	34.57
	-7	-7.6	122.1	42.19	120.4	42.09	113.4	39.01	109.8	37.49	106.3	36.01	99.20	33.09
	-5	-5.6	127.6	42.60	120.4	39.63	113.4	36.74	109.8	35.34	106.3	33.94	99.20	31.22
	-3	-3.7	127.6	40.19	120.4	37.41	113.4	34.70	109.8	33.38	106.3	32.07	99.20	29.52
	0	-0.7	127.6	36.67	120.4	34.17	113.4	31.73	109.8	30.53	106.3	29.36	99.20	27.05
	3	2.2	127.6	33.63	120.4	31.36	113.4	29.15	109.8	28.07	106.3	26.99	99.20	24.90
	5	4.1	120.8	29.06	113.6	27.02	106.4	25.02	102.8	24.04	99.20	23.07	92.00	21.17
	7	6	113.7	24.90	106.5	23.06	99.20	21.26	95.60	20.39	92.00	19.51	84.70	17.80
	9	7.9	106.5	21.16	99.20	19.52	91.80	17.91	88.20	17.13	84.50	16.36	77.10	14.83
	11	9.8	99.00	17.83	91.60	16.38	84.20	14.96	80.50	14.27	76.70	13.57	69.30	12.22
	13	11.8	91.20	14.83	83.80	13.56	76.30	12.33	72.50	11.71	68.80	11.11	61.20	9.93
	15	13.7	83.20	12.25	75.60	11.14	68.10	10.07	64.30	9.54	60.50	9.01	52.70	7.98

15. ARUM360LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	66.00	33.85	65.50	34.12	65.10	34.38	64.90	34.51	64.60	34.64	64.20	34.89
	-24.8	-25	76.70	35.79	76.10	36.09	75.60	36.37	75.40	36.52	75.10	36.66	74.50	36.94
	-21.8	-22	83.20	36.94	82.70	37.24	82.10	37.56	81.80	37.71	81.60	37.84	81.00	38.14
	-19.8	-20	87.80	37.72	87.20	38.03	86.60	38.35	86.40	38.50	86.10	38.65	85.50	38.95
	-18.8	-19	90.30	38.11	89.60	38.44	89.00	38.75	88.60	38.91	88.40	39.06	87.80	39.36
	-16.7	-17	95.10	38.92	94.40	39.25	93.80	39.57	93.50	39.74	93.20	39.89	89.30	38.12
	-15	-15.9	98.00	39.39	97.30	39.72	96.70	40.06	96.40	40.21	95.60	40.14	89.30	36.85
	-13.7	-15	100.8	39.83	100.2	40.18	99.50	40.52	98.80	40.47	95.60	38.83	89.30	35.64
	-11.8	-13	105.6	40.59	104.9	40.94	102.1	39.97	98.80	38.42	95.60	36.88	89.30	33.88
	-9.8	-11	111.1	41.45	108.4	40.70	102.1	37.75	98.80	36.30	95.60	34.87	89.30	32.08
	-9.5	-10	113.6	41.85	108.4	39.60	102.1	36.74	98.80	35.34	95.60	33.95	89.30	31.24
	-8.5	-9.1	114.8	41.41	108.4	38.56	102.1	35.79	98.80	34.41	95.60	33.07	89.30	30.44
	-7	-7.6	114.8	39.62	108.4	36.90	102.1	34.25	98.80	32.95	95.60	31.68	89.30	29.16
	-5	-5.6	114.8	37.31	108.4	34.78	102.1	32.29	98.80	31.08	95.60	29.89	89.30	27.53
	-3	-3.7	114.8	35.24	108.4	32.86	102.1	30.53	98.80	29.39	95.60	28.26	89.30	26.06
	0	-0.7	114.8	32.22	108.4	30.07	102.1	27.97	98.80	26.94	95.60	25.92	89.30	23.92
	3	2.2	114.8	29.59	108.4	27.64	102.1	25.74	98.80	24.80	95.60	23.88	89.30	22.07
	5	4.1	108.7	25.63	102.2	23.87	95.80	22.15	92.50	21.30	89.30	20.46	82.80	18.81
	7	6	102.4	22.02	95.90	20.43	89.30	18.88	86.10	18.11	82.80	17.36	76.30	15.89
	9	7.9	95.80	18.78	89.30	17.36	82.60	15.97	79.40	15.30	76.10	14.61	69.40	13.29
	11	9.8	89.10	15.88	82.40	14.62	75.80	13.40	72.40	12.79	69.10	12.19	62.30	11.02
	13	11.8	82.10	13.28	75.40	12.18	68.70	11.09	65.30	10.56	61.90	10.04	55.00	9.01
	15	13.7	74.90	11.03	68.10	10.07	61.30	9.13	57.80	8.66	54.40	8.20	47.40	7.31
80	-30	-30.2	65.50	34.17	65.00	34.43	64.60	34.69	64.40	34.81	64.20	34.94	63.70	35.19
	-24.8	-25	75.90	36.21	75.40	36.50	74.90	36.78	74.60	36.91	74.30	37.05	73.90	37.32
	-21.8	-22	82.30	37.42	81.80	37.72	81.20	38.01	81.00	38.16	80.70	38.30	79.40	38.03
	-19.8	-20	86.80	38.24	86.30	38.55	85.70	38.85	85.40	39.00	84.90	39.05	79.40	35.95
	-18.8	-19	89.20	38.66	88.60	38.97	88.00	39.28	87.70	39.43	85.00	38.01	79.40	34.97
	-16.7	-17	93.90	39.51	93.30	39.83	90.70	38.86	87.90	37.38	85.00	35.92	79.40	33.06
	-15	-15.9	96.80	40.02	96.20	40.34	90.70	37.57	87.90	36.14	85.00	34.72	79.40	31.94
	-13.7	-15	99.50	40.50	96.30	39.19	90.70	36.34	87.90	34.94	85.00	33.56	79.40	30.87
	-11.8	-13	102.1	39.97	96.30	37.22	90.70	34.54	87.90	33.23	85.00	31.94	79.40	29.38
	-9.8	-11	102.1	37.75	96.30	35.18	90.70	32.70	87.90	31.46	85.00	30.24	79.40	27.86
	-9.5	-10	102.1	36.74	96.30	34.26	90.70	31.84	87.90	30.65	85.00	29.47	79.40	27.18
	-8.5	-9.1	102.1	35.79	96.30	33.37	90.70	31.02	87.90	29.87	85.00	28.72	79.40	26.49
	-7	-7.6	102.1	34.25	96.30	31.95	90.70	29.71	87.90	28.62	85.00	27.53	79.40	25.39
	-5	-5.6	102.1	32.29	96.30	30.15	90.70	28.05	87.90	27.02	85.00	26.00	79.40	24.01
	-3	-3.7	102.1	30.53	96.30	28.51	90.70	26.54	87.90	25.58	85.00	24.63	79.40	22.76
	0	-0.7	102.1	27.97	96.30	26.15	90.70	24.36	87.90	23.50	85.00	22.62	79.40	20.93
	3	2.2	102.1	25.74	96.30	24.08	90.70	22.47	87.90	21.67	85.00	20.88	79.40	19.34
	5	4.1	96.60	22.36	90.90	20.86	85.10	19.39	82.30	18.67	79.40	17.95	73.60	16.54
	7	6	90.90	19.27	85.20	17.92	79.40	16.60	76.50	15.94	73.60	15.30	67.70	14.03
	9	7.9	85.20	16.49	79.40	15.28	73.50	14.10	70.60	13.52	67.60	12.94	61.70	11.80
	11	9.8	79.20	14.01	73.30	12.94	67.30	11.89	64.40	11.37	61.40	10.86	55.40	9.85
	13	11.8	72.90	11.78	67.00	10.84	61.00	9.91	58.00	9.46	55.00	9.01	48.90	8.12
	15	13.7	66.60	9.85	60.50	9.02	54.50	8.22	51.50	7.82	48.40	7.42	42.10	6.65
70	-30	-30.2	64.80	34.58	64.40	34.83	63.90	35.07	63.70	35.20	63.50	35.33	63.10	35.56

15. ARUM360LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	74.90	36.73	74.50	37.01	73.90	37.27	73.70	37.40	73.50	37.53	69.50	35.22
	-21.8	-22	81.20	38.02	80.70	38.30	79.40	38.03	76.90	36.59	74.40	35.18	69.50	32.41
	-19.8	-20	85.70	38.89	84.40	38.70	79.40	35.95	76.90	34.60	74.40	33.27	69.50	30.66
	-18.8	-19	87.90	39.34	84.40	37.62	79.40	34.97	76.90	33.66	74.40	32.37	69.50	29.83
	-16.7	-17	89.30	38.12	84.40	35.55	79.40	33.06	76.90	31.83	74.40	30.61	69.50	28.23
	-15	-15.9	89.30	36.85	84.40	34.37	79.40	31.94	76.90	30.75	74.40	29.56	69.50	27.24
	-13.7	-15	89.30	35.65	84.40	33.23	79.40	30.87	76.90	29.72	74.40	28.57	69.50	26.34
	-11.8	-13	89.30	33.88	84.40	31.61	79.40	29.38	76.90	28.28	74.40	27.20	69.50	25.08
	-9.8	-11	89.30	32.08	84.40	29.94	79.40	27.86	76.90	26.83	74.40	25.82	69.50	23.83
	-9.5	-10	89.30	31.24	84.40	29.18	79.40	27.18	76.90	26.19	74.40	25.21	69.50	23.30
	-8.5	-9.1	89.30	30.44	84.40	28.45	79.40	26.49	76.90	25.53	74.40	24.58	69.50	22.72
	-7	-7.6	89.30	29.16	84.40	27.26	79.40	25.39	76.90	24.49	74.40	23.58	69.50	21.80
	-5	-5.6	89.30	27.53	84.40	25.75	79.40	24.02	76.90	23.16	74.40	22.31	69.50	20.64
	-3	-3.7	89.30	26.06	84.40	24.39	79.40	22.76	76.90	21.95	74.40	21.16	69.50	19.59
	0	-0.7	89.30	23.92	84.40	22.41	79.40	20.93	76.90	20.20	74.40	19.48	69.50	18.06
	3	2.2	89.30	22.07	84.40	20.69	79.40	19.34	76.90	18.68	74.40	18.02	69.50	16.73
	5	4.1	84.60	19.23	79.50	17.98	74.50	16.75	72.00	16.15	69.50	15.55	64.40	14.37
	7	6	79.60	16.64	74.50	15.51	69.50	14.40	67.00	13.85	64.40	13.32	59.30	12.25
	9	7.9	74.50	14.31	69.50	13.30	64.30	12.31	61.70	11.82	59.20	11.33	54.00	10.38
	11	9.8	69.30	12.23	64.10	11.33	59.00	10.44	56.30	10.01	53.80	9.58	48.40	8.72
	13	11.8	63.90	10.34	58.70	9.55	53.40	8.78	50.80	8.39	48.10	8.01	42.80	7.26
	15	13.7	58.30	8.71	52.90	8.02	47.70	7.33	45.00	7.00	42.30	6.67	36.90	6.02
60	-30	-30.2	63.80	35.10	63.50	35.34	63.10	35.58	62.80	35.70	62.60	35.81	59.60	33.91
	-24.8	-25	73.70	37.40	72.30	36.94	68.00	34.36	65.90	33.10	63.70	31.85	59.60	29.38
	-21.8	-22	76.50	36.39	72.30	33.98	68.00	31.63	65.90	30.47	63.70	29.32	59.60	27.07
	-19.8	-20	76.50	34.42	72.30	32.16	68.00	29.93	65.90	28.85	63.70	27.77	59.60	25.64
	-18.8	-19	76.50	33.48	72.30	31.27	68.00	29.12	65.90	28.06	63.70	27.02	59.60	24.96
	-16.7	-17	76.50	31.65	72.30	29.59	68.00	27.56	65.90	26.56	63.70	25.59	59.60	23.65
	-15	-15.9	76.50	30.57	72.30	28.56	68.00	26.59	65.90	25.62	63.70	24.67	59.60	22.79
	-13.7	-15	76.50	29.56	72.30	27.61	68.00	25.71	65.90	24.78	63.70	23.86	59.60	22.05
	-11.8	-13	76.50	28.12	72.30	26.28	68.00	24.48	65.90	23.60	63.70	22.73	59.60	21.01
	-9.8	-11	76.50	26.68	72.30	24.97	68.00	23.26	65.90	22.42	63.70	21.60	59.60	19.98
	-9.5	-10	76.50	26.04	72.30	24.38	68.00	22.76	65.90	21.96	63.70	21.16	59.60	19.61
	-8.5	-9.1	76.50	25.39	72.30	23.78	68.00	22.20	65.90	21.42	63.70	20.65	59.60	19.13
	-7	-7.6	76.50	24.35	72.30	22.82	68.00	21.31	65.90	20.56	63.70	19.84	59.60	18.38
	-5	-5.6	76.50	23.03	72.30	21.59	68.00	20.18	65.90	19.48	63.70	18.80	59.60	17.44
	-3	-3.7	76.50	21.84	72.30	20.48	68.00	19.15	65.90	18.50	63.70	17.85	59.60	16.57
	0	-0.7	76.50	20.10	72.30	18.87	68.00	17.66	65.90	17.06	63.70	16.48	59.60	15.32
	3	2.2	76.50	18.59	72.30	17.46	68.00	16.36	65.90	15.82	63.70	15.29	59.60	14.24
	5	4.1	72.40	16.26	68.20	15.24	63.90	14.23	61.70	13.74	59.60	13.26	55.30	12.29
	7	6	68.20	14.13	63.90	13.21	59.60	12.31	57.40	11.87	55.20	11.43	50.80	10.56
	9	7.9	63.90	12.22	59.50	11.40	55.10	10.58	52.90	10.19	50.70	9.79	46.30	9.01
	11	9.8	59.40	10.52	54.90	9.78	50.60	9.06	48.30	8.70	46.10	8.34	41.60	7.65
	13	11.8	54.70	8.97	50.20	8.32	45.70	7.68	43.50	7.36	41.20	7.05	36.70	6.43
	15	13.7	49.90	7.63	45.40	7.05	40.90	6.49	38.50	6.22	36.20	5.94	31.70	5.41
50	-30	-30.2	62.60	35.80	60.30	34.39	56.70	32.02	54.90	30.86	53.10	29.71	49.60	27.45
	-24.8	-25	63.70	31.85	60.30	29.79	56.70	27.77	54.90	26.78	53.10	25.79	49.60	23.86

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	63.70	29.32	60.30	27.44	56.70	25.60	54.90	24.70	53.10	23.80	49.60	22.04
	-19.8	-20	63.70	27.77	60.30	25.99	56.70	24.26	54.90	23.41	53.10	22.57	49.60	20.90
	-18.8	-19	63.70	27.02	60.30	25.31	56.70	23.62	54.90	22.79	53.10	21.97	49.60	20.36
	-16.7	-17	63.70	25.59	60.30	23.97	56.70	22.39	54.90	21.60	53.10	20.84	49.60	19.32
	-15	-15.9	63.70	24.67	60.30	23.10	56.70	21.57	54.90	20.81	53.10	20.06	49.60	18.60
	-13.7	-15	63.70	23.86	60.30	22.34	56.70	20.87	54.90	20.14	53.10	19.42	49.60	18.00
	-11.8	-13	63.70	22.73	60.30	21.30	56.70	19.89	54.90	19.20	53.10	18.52	49.60	17.18
	-9.8	-11	63.70	21.60	60.30	20.24	56.70	18.92	54.90	18.27	53.10	17.62	49.60	16.36
	-9.5	-10	63.70	21.16	60.30	19.86	56.70	18.59	54.90	17.96	53.10	17.34	49.60	16.11
	-8.5	-9.1	63.70	20.65	60.30	19.39	56.70	18.15	54.90	17.54	53.10	16.94	49.60	15.74
	-7	-7.6	63.70	19.84	60.30	18.63	56.70	17.44	54.90	16.86	53.10	16.29	49.60	15.15
	-5	-5.6	63.70	18.80	60.30	17.66	56.70	16.55	54.90	16.00	53.10	15.46	49.60	14.39
	-3	-3.7	63.70	17.85	60.30	16.79	56.70	15.74	54.90	15.22	53.10	14.72	49.60	13.72
	0	-0.7	63.70	16.48	60.30	15.51	56.70	14.56	54.90	14.10	53.10	13.64	49.60	12.72
	3	2.2	63.70	15.29	60.30	14.41	56.70	13.54	54.90	13.11	53.10	12.69	49.60	11.86
	5	4.1	60.30	13.44	56.80	12.63	53.30	11.85	51.50	11.46	49.70	11.07	46.10	10.31
	7	6	56.90	11.76	53.30	11.03	49.70	10.32	47.90	9.96	46.00	9.62	42.30	8.92
	9	7.9	53.30	10.24	49.60	9.59	45.90	8.95	44.10	8.64	42.30	8.32	38.50	7.70
	11	9.8	49.50	8.89	45.90	8.30	42.10	7.72	40.30	7.44	38.40	7.16	34.60	6.61
	13	11.8	45.60	7.66	41.90	7.14	38.20	6.63	36.20	6.38	34.40	6.13	30.60	5.64
	15	13.7	41.60	6.59	37.80	6.13	34.00	5.68	32.20	5.46	30.20	5.24	26.30	4.80

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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15.5 Capacity Correction Factor

15.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
-60	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-50	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-40	-	-	-	-	94.0	93.0	92.0	91.0	90.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-20	-	-	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
30	-	-	-	97.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
50	-	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
60	-	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	79.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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15.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

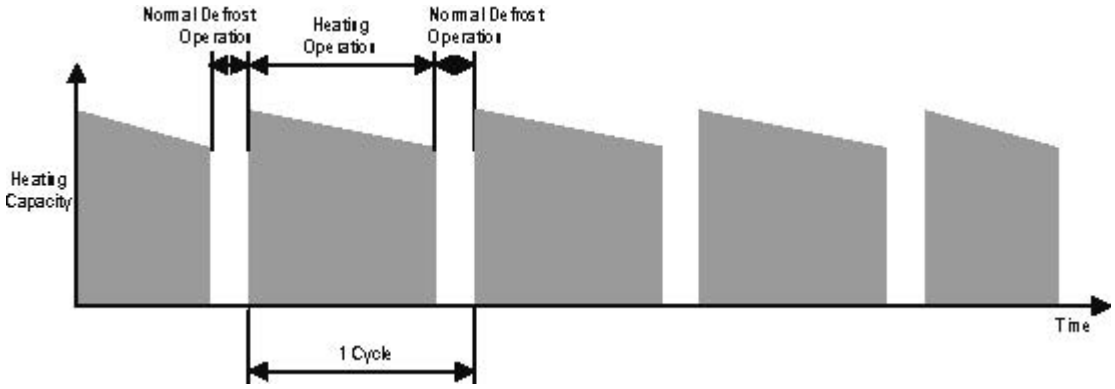
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

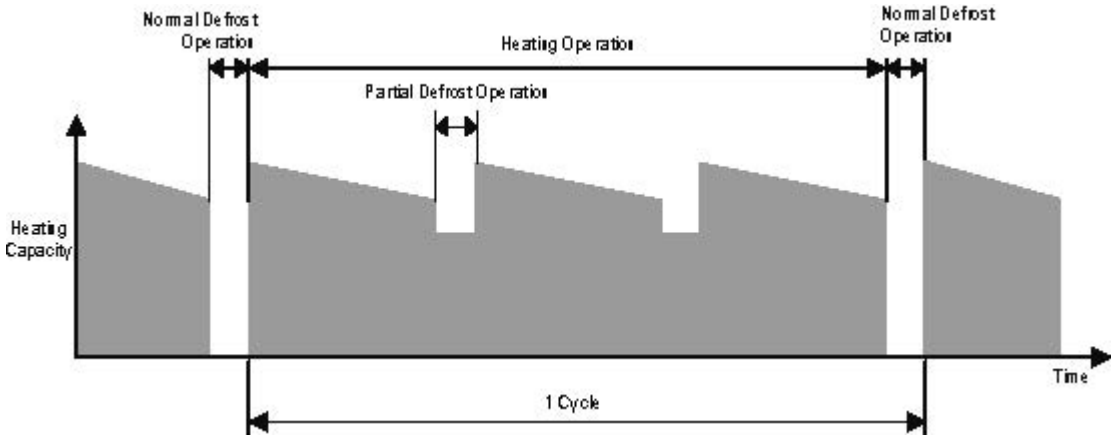
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



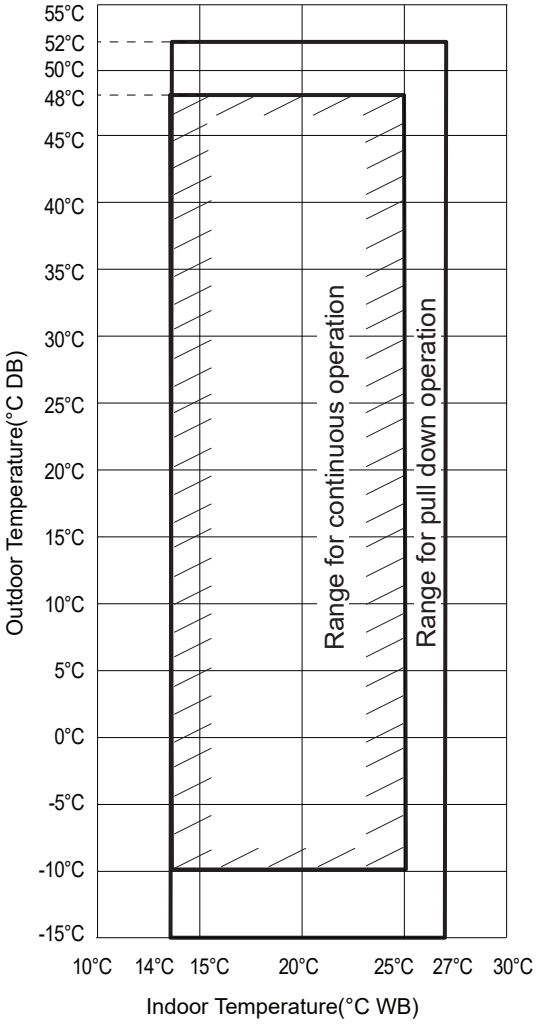
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

15.6 Operation Limits

15.6.1 Cooling

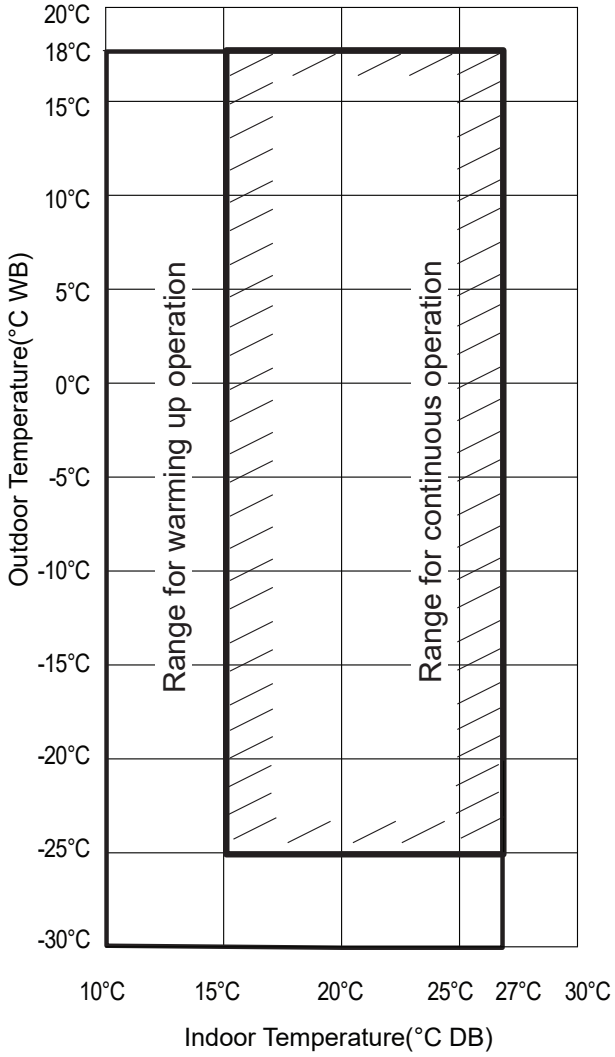


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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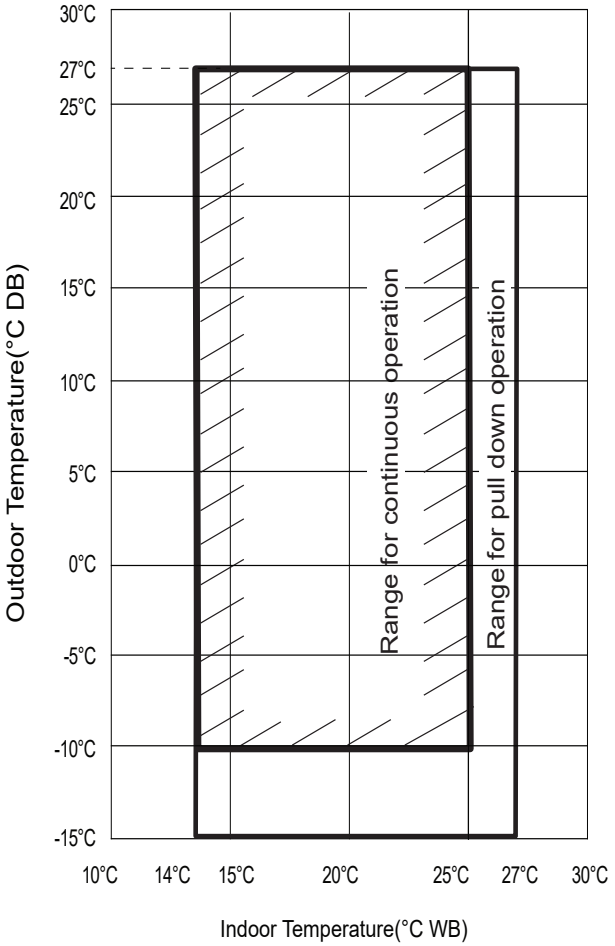
15.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

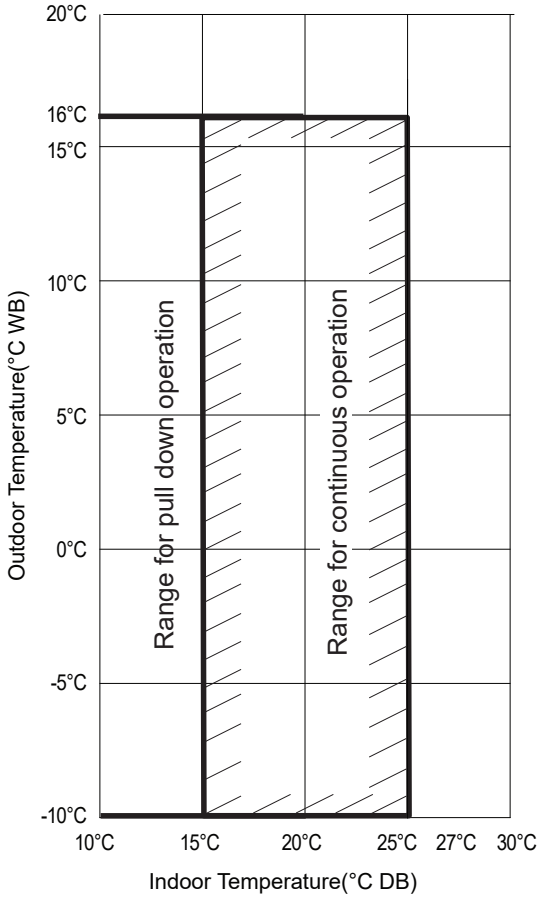
15.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

15.6.4 Simultaneous Operation (Heating)



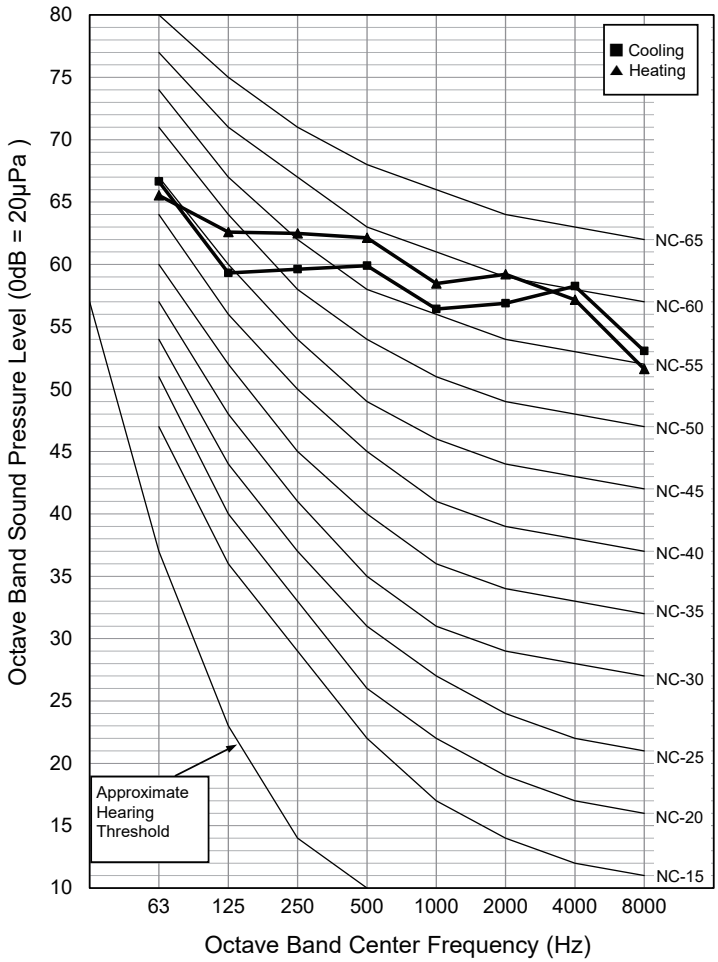
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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15.7 Sound Levels

15.7.1 Pressure Levels



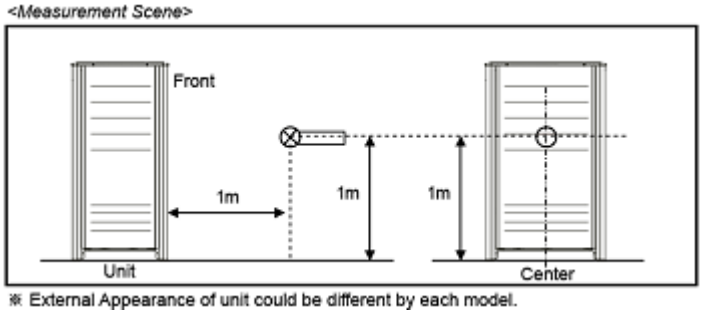
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	66.6	59.3	59.6	59.9	56.4	56.9	58.3	53.1
Heating[dB]	65.5	62.6	62.5	62.1	58.5	59.2	57.2	51.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	64.3 / 65.6

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

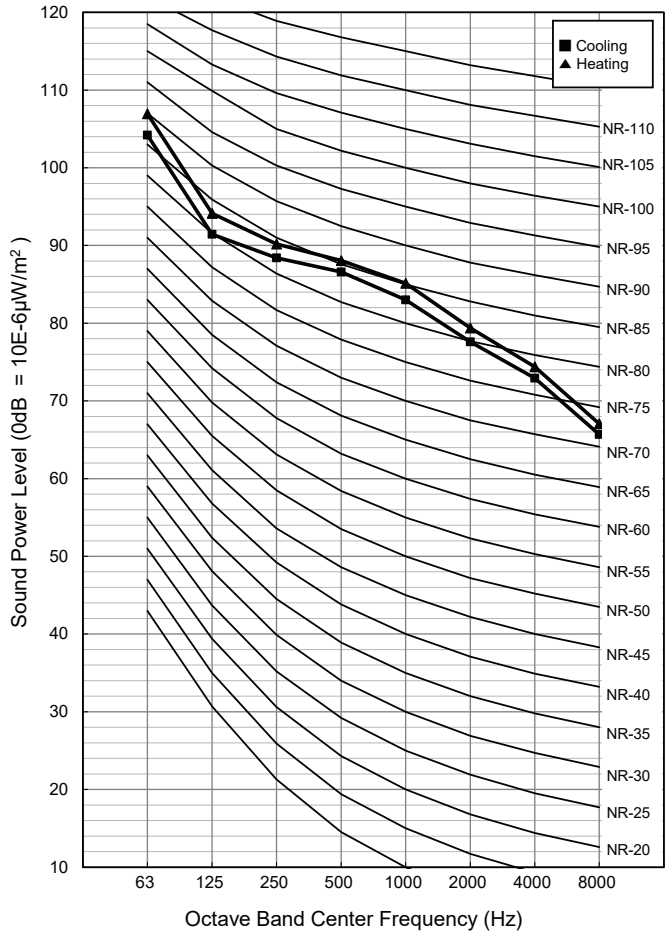
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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15.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	104.2	91.4	88.4	86.6	83.0	77.6	72.9	65.7
Heating[dB]	106.9	94.1	90.2	88.1	85.1	79.4	74.4	67.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	88.5 / 90.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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16.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM180LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	52.16 - 49.56 - 47.76
	Running Current by Voltage (Heating,Rated)	A	37.95 - 36.05 - 34.75
Cooling Capacity	Rated	kW	106.4
		Btu/h	363,100
Heating Capacity	Rated	kW	106.4
		Btu/h	363,100
	Max	kW	119.7
		Btu/h	408,400
Power Input(Cooling)	Rated	kW	31.93
Power Input(Heating)	Rated	kW	23.23
Efficiency	EER(Rated)	W/W	3.33
	COP(Rated)	W/W	4.58
	SEER	Wh/Wh	8.53
	SCOP	Wh/Wh	4.97
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 4
	Number of Revolution	rev./min	3,600 x 4
	Motor Output	W x No.	5,300 x 4
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 2
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 2
Weight	Net	kg	(300 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	32.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	66.800
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	64.5 / 65.8
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	88.5 / 90.8
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	92.7
	Maximum Fuse Amperes (MFA)	A	125
	Total Over Current Amperes (TOCA)	A	102.0
	Comp_Maximum Starting Current (MSC)	A	23.6
	Comp_Rated Load Amperes (Cooling)	A	47.2
	Comp_Rated Load Amperes (Heating)	A	33.0
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	61(64)

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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16.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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16.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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16.4 Capacity Tables

16.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	83.10	8.22	104.9	11.17	128.4	15.94	138.3	18.53	149.4	21.93	158.8	24.95	166.3	27.40
	12	83.10	8.95	104.9	12.32	128.4	17.59	138.3	20.43	149.4	24.10	158.8	27.21	166.3	29.74
	14	83.10	9.78	104.9	13.57	128.4	19.41	138.3	22.50	149.4	26.43	158.8	29.69	166.3	32.24
	16	83.10	10.69	104.9	14.97	128.4	21.41	138.3	24.77	149.4	28.92	158.8	32.36	166.3	34.95
	18	83.10	11.71	104.9	16.52	128.4	23.59	138.3	27.25	149.4	31.62	158.8	35.12	166.3	37.39
	20	83.10	12.85	104.9	18.20	128.4	25.98	138.3	29.91	149.4	33.99	158.8	37.06	166.3	39.17
	21	83.10	13.46	104.9	19.11	128.4	27.22	138.3	31.01	149.4	34.93	158.8	37.98	166.3	40.10
	23	83.10	14.79	104.9	21.05	128.4	29.15	138.3	32.97	149.4	36.91	158.8	39.92	166.3	42.08
	25	83.10	16.24	104.9	22.73	128.4	31.02	138.3	35.01	149.4	39.04	158.8	42.01	166.3	44.23
	27	83.10	17.60	104.9	24.22	128.4	33.05	138.3	37.09	149.4	41.24	158.8	44.27	166.3	46.60
	29	83.10	18.77	104.9	25.82	128.4	35.22	138.3	39.34	149.4	43.54	158.8	46.74	166.3	49.21
	31	83.10	20.01	104.9	27.53	128.4	37.58	138.3	41.77	149.4	46.05	158.8	49.48	166.3	52.14
	33	83.10	21.34	104.9	29.36	128.4	40.07	138.3	44.42	149.4	48.80	157.9	52.16	159.1	52.60
	35	83.10	22.75	104.9	31.32	128.4	42.63	138.3	47.21	148.1	51.28	148.4	51.43	148.3	51.40
	37	83.10	24.27	104.9	33.44	128.4	45.42	137.5	49.83	138.0	50.03	137.9	50.01	137.9	50.01
	39	83.10	25.88	104.9	35.71	127.7	48.18	127.7	48.20	127.7	48.23	127.7	48.22	127.7	48.21
	41	83.10	27.60	104.9	38.18	117.9	45.94	117.9	45.99	117.9	45.94	117.7	45.87	117.9	45.97
	43	83.10	29.45	104.9	40.89	108.4	43.07	108.3	43.06	108.3	43.04	108.3	43.03	108.2	43.01
	46	83.10	32.48	95.00	39.06	94.90	39.06	94.80	39.06	94.90	39.04	94.70	38.99	94.80	39.04
	48	83.10	34.70	86.50	36.63	86.40	36.63	86.40	36.61	86.50	36.66	86.30	36.64	86.40	36.64
	50	78.70	34.53	78.50	34.50	78.40	34.45	78.40	34.47	78.30	34.42	78.30	34.41	78.30	34.44
	52	70.10	31.22	70.50	30.36	70.80	29.53	70.90	29.38	70.80	29.16	70.80	29.00	70.90	28.90
120	10	76.70	7.58	96.90	9.93	118.5	13.70	127.7	15.75	137.9	18.43	146.7	21.04	153.5	23.27
	12	76.70	8.21	96.90	10.91	118.5	15.14	127.7	17.40	137.9	20.32	146.7	23.15	153.5	25.44
	14	76.70	8.92	96.90	12.01	118.5	16.72	127.7	19.20	137.9	22.38	146.7	25.44	153.5	27.81
	16	76.70	9.71	96.90	13.21	118.5	18.45	127.7	21.17	137.9	24.63	146.7	27.95	153.5	30.38
	18	76.70	10.60	96.90	14.55	118.5	20.35	127.7	23.33	137.9	27.11	146.7	30.59	153.5	33.18
	20	76.70	11.59	96.90	16.03	118.5	22.43	127.7	25.70	137.9	29.76	146.7	33.06	153.5	35.36
	21	76.70	12.12	96.90	16.82	118.5	23.54	127.7	26.94	137.9	30.87	146.7	33.99	153.5	36.33
	23	76.70	13.29	96.90	18.52	118.5	25.64	127.7	28.86	137.9	32.82	146.7	35.94	153.5	38.33
	25	76.70	14.57	96.90	20.27	118.5	27.31	127.7	30.73	137.9	34.88	146.7	38.03	153.5	40.37
	27	76.70	15.93	96.90	21.61	118.5	29.10	127.7	32.73	137.9	36.96	146.7	40.27	153.5	42.56
	29	76.70	16.98	96.90	23.04	118.5	31.02	127.7	34.88	137.9	39.19	146.7	42.61	153.5	44.93
	31	76.70	18.09	96.90	24.57	118.5	33.08	127.7	37.22	137.9	41.61	146.7	45.06	153.5	47.52
	33	76.70	19.28	96.90	26.19	118.5	35.29	127.7	39.75	137.9	44.25	146.7	47.73	153.5	50.40
	35	76.70	20.56	96.90	27.94	118.5	37.70	127.7	42.27	137.9	47.06	146.7	50.69	148.5	51.47
	37	76.70	21.93	96.90	29.81	118.5	40.32	127.7	45.04	137.4	49.77	138.0	50.04	137.9	49.99
	39	76.70	23.39	96.90	31.81	118.5	43.22	127.4	47.97	127.9	48.26	127.7	48.24	127.7	48.23
	41	76.70	24.94	96.90	33.96	118.0	45.96	117.9	45.94	117.8	45.90	117.8	45.93	117.8	45.93
	43	76.70	26.61	96.90	36.30	108.5	43.12	108.5	43.09	108.3	43.04	108.3	43.02	108.3	43.08
	46	76.70	29.33	95.00	39.10	94.90	39.03	94.90	39.03	94.80	39.03	94.80	39.02	94.80	39.00
	48	76.70	31.31	86.50	36.62	86.50	36.65	86.50	36.68	86.30	36.63	86.30	36.62	86.30	36.57
	50	76.70	33.44	78.60	34.49	78.40	34.47	78.40	34.48	78.40	34.49	78.20	34.36	78.40	34.42
	52	70.00	31.54	70.40	30.73	70.80	29.88	70.80	29.72	70.90	29.54	70.90	29.40	70.80	29.29
110	10	70.30	7.04	88.80	8.88	108.7	11.81	117.0	13.39	126.4	15.46	134.4	17.47	140.6	19.22
	12	70.30	7.56	88.80	9.70	108.7	13.03	117.0	14.79	126.4	17.07	134.4	19.28	140.6	21.18
	14	70.30	8.16	88.80	10.63	108.7	14.37	117.0	16.34	126.4	18.84	134.4	21.25	140.6	23.31

16. ARUM380LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	70.30	8.83	88.80	11.67	108.7	15.86	117.0	18.03	126.4	20.78	134.4	23.41	140.6	25.65
	18	70.30	9.60	88.80	12.82	108.7	17.50	117.0	19.88	126.4	22.91	134.4	25.77	140.6	28.21
	20	70.30	10.45	88.80	14.08	108.7	19.28	117.0	21.92	126.4	25.23	134.4	28.36	140.6	30.87
	21	70.30	10.91	88.80	14.76	108.7	20.24	117.0	23.01	126.4	26.48	134.4	29.52	140.6	31.95
	23	70.30	11.92	88.80	16.24	108.7	22.31	117.0	25.13	126.4	28.42	134.4	31.43	140.6	33.88
	25	70.30	13.04	88.80	17.87	108.7	23.92	117.0	26.78	126.4	30.26	134.4	33.46	140.6	35.87
	27	70.30	14.28	88.80	19.19	108.7	25.50	117.0	28.53	126.4	32.22	134.4	35.63	140.6	38.01
	29	70.30	15.31	88.80	20.46	108.7	27.18	117.0	30.40	126.4	34.35	134.4	37.83	140.6	40.30
	31	70.30	16.30	88.80	21.82	108.7	28.98	117.0	32.42	126.4	36.63	134.4	40.16	140.6	42.80
	33	70.30	17.37	88.80	23.26	108.7	30.90	117.0	34.59	126.4	39.14	134.4	42.69	140.6	45.45
	35	70.30	18.51	88.80	24.81	108.7	32.98	117.0	36.94	126.4	41.72	134.4	45.46	140.6	48.20
	37	70.30	19.74	88.80	26.46	108.7	35.21	117.0	39.50	126.4	44.43	134.4	48.46	138.0	50.02
	39	70.30	21.06	88.80	28.22	108.7	37.63	117.0	42.31	126.4	47.41	127.7	48.22	127.8	48.20
	41	70.30	22.46	88.80	30.11	108.7	40.29	117.0	45.42	118.0	45.96	117.8	45.93	117.8	45.93
	43	70.30	23.97	88.80	32.15	108.5	43.05	108.5	43.13	108.5	43.09	108.3	43.04	108.3	43.03
	46	70.30	26.41	88.80	35.49	94.90	39.06	94.90	39.05	94.80	39.05	94.80	39.05	94.70	39.00
	48	70.30	28.17	86.60	36.69	86.50	36.70	86.40	36.65	86.50	36.67	86.40	36.67	86.40	36.65
	50	70.30	30.06	78.60	34.53	78.40	34.47	78.40	34.47	78.40	34.44	78.30	34.41	78.40	34.47
	52	69.80	31.72	70.10	31.14	70.70	30.30	70.70	30.12	70.90	29.98	70.70	29.83	70.80	29.60
100	10	63.90	6.56	80.70	7.98	98.80	10.21	106.4	11.41	114.9	12.97	122.2	14.50	127.9	15.82
	12	63.90	7.00	80.70	8.67	98.80	11.23	106.4	12.58	114.9	14.33	122.2	16.02	127.9	17.47
	14	63.90	7.50	80.70	9.44	98.80	12.36	106.4	13.88	114.9	15.82	122.2	17.68	127.9	19.27
	16	63.90	8.07	80.70	10.31	98.80	13.61	106.4	15.31	114.9	17.47	122.2	19.51	127.9	21.25
	18	63.90	8.70	80.70	11.28	98.80	14.99	106.4	16.89	114.9	19.27	122.2	21.51	127.9	23.43
	20	63.90	9.43	80.70	12.37	98.80	16.52	106.4	18.62	114.9	21.24	122.2	23.71	127.9	25.79
	21	63.90	9.82	80.70	12.94	98.80	17.34	106.4	19.54	114.9	22.30	122.2	24.88	127.9	27.05
	23	63.90	10.68	80.70	14.21	98.80	19.10	106.4	21.53	114.9	24.41	122.2	26.91	127.9	28.96
	25	63.90	11.65	80.70	15.60	98.80	20.84	106.4	23.19	114.9	26.04	122.2	28.66	127.9	30.83
	27	63.90	12.73	80.70	16.97	98.80	22.21	106.4	24.72	114.9	27.75	122.2	30.53	127.9	32.84
	29	63.90	13.75	80.70	18.08	98.80	23.68	106.4	26.34	114.9	29.58	122.2	32.54	127.9	35.00
	31	63.90	14.63	80.70	19.27	98.80	25.25	106.4	28.09	114.9	31.53	122.2	34.70	127.9	37.34
	33	63.90	15.58	80.70	20.55	98.80	26.92	106.4	29.95	114.9	33.63	122.2	37.04	127.9	39.87
	35	63.90	16.60	80.70	21.92	98.80	28.71	106.4	31.96	114.9	35.92	122.2	39.60	127.9	42.40
	37	63.90	17.69	80.70	23.37	98.80	30.63	106.4	34.11	114.9	38.39	122.2	42.40	127.9	45.17
	39	63.90	18.87	80.70	24.93	98.80	32.70	106.4	36.45	114.9	41.09	122.2	45.20	127.5	48.04
	41	63.90	20.14	80.70	26.59	98.80	34.92	106.4	38.99	114.9	44.08	117.9	45.95	118.0	45.98
	43	63.90	21.48	80.70	28.37	98.80	37.34	106.4	41.78	108.3	43.04	108.5	43.11	108.5	43.11
	46	63.90	23.68	80.70	31.28	94.90	39.08	95.00	39.07	95.00	39.07	95.00	39.08	94.90	39.04
	48	63.90	25.26	80.70	33.39	86.60	36.70	86.50	36.69	86.50	36.65	86.50	36.66	86.50	36.67
	50	63.90	26.96	78.60	34.48	78.50	34.48	78.50	34.48	78.40	34.44	78.40	34.45	78.40	34.45
	52	63.90	28.76	70.00	31.37	70.30	30.78	70.50	30.51	70.70	30.28	70.90	30.03	70.90	29.82
90	10	57.60	6.16	72.60	7.23	88.90	8.88	95.70	9.78	103.4	10.93	110.0	12.04	115.1	13.01
	12	57.60	6.51	72.60	7.79	88.90	9.72	95.70	10.74	103.4	12.04	110.0	13.29	115.1	14.38
	14	57.60	6.92	72.60	8.43	88.90	10.65	95.70	11.80	103.4	13.27	110.0	14.67	115.1	15.87
	16	57.60	7.39	72.60	9.14	88.90	11.68	95.70	12.98	103.4	14.63	110.0	16.19	115.1	17.52
	18	57.60	7.92	72.60	9.95	88.90	12.83	95.70	14.29	103.4	16.13	110.0	17.85	115.1	19.32
	20	57.60	8.52	72.60	10.85	88.90	14.11	95.70	15.74	103.4	17.78	110.0	19.69	115.1	21.30
	21	57.60	8.86	72.60	11.34	88.90	14.80	95.70	16.52	103.4	18.66	110.0	20.68	115.1	22.36
	23	57.60	9.58	72.60	12.40	88.90	16.27	95.70	18.19	103.4	20.56	110.0	22.75	115.1	24.48
	25	57.60	10.40	72.60	13.58	88.90	17.90	95.70	19.93	103.4	22.25	110.0	24.36	115.1	26.11
	27	57.60	11.32	72.60	14.88	88.90	19.22	95.70	21.26	103.4	23.72	110.0	25.97	115.1	27.82

16. ARUM380LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	57.60	12.31	72.60	15.90	88.90	20.50	95.70	22.66	103.4	25.29	110.0	27.68	115.1	29.65
	31	57.60	13.08	72.60	16.94	88.90	21.85	95.70	24.17	103.4	26.96	110.0	29.51	115.1	31.62
	33	57.60	13.91	72.60	18.05	88.90	23.30	95.70	25.78	103.4	28.76	110.0	31.47	115.1	33.73
	35	57.60	14.80	72.60	19.25	88.90	24.85	95.70	27.49	103.4	30.67	110.0	33.58	115.1	36.01
	37	57.60	15.78	72.60	20.52	88.90	26.50	95.70	29.31	103.4	32.73	110.0	35.87	115.1	38.49
	39	57.60	16.83	72.60	21.89	88.90	28.27	95.70	31.29	103.4	34.95	110.0	38.35	115.1	41.21
	41	57.60	17.95	72.60	23.34	88.90	30.16	95.70	33.40	103.4	37.37	110.0	41.06	115.1	44.21
	43	57.60	19.16	72.60	24.90	88.90	32.20	95.70	35.68	103.4	40.00	108.5	43.07	108.4	43.08
	46	57.60	21.12	72.60	27.44	88.90	35.55	95.00	39.11	95.00	39.07	94.90	39.06	95.00	39.09
	48	57.60	22.54	72.60	29.29	86.70	36.72	86.50	36.69	86.50	36.67	86.50	36.66	86.50	36.67
	50	57.60	24.06	72.60	31.26	78.60	34.53	78.60	34.53	78.50	34.49	78.50	34.49	78.50	34.49
	52	57.60	25.68	69.90	31.65	70.20	31.03	70.40	30.78	70.60	30.50	70.70	30.25	70.90	30.06
80	10	51.10	5.46	64.60	6.61	79.00	7.81	85.10	8.45	91.90	9.26	97.70	10.06	102.4	10.75
	12	51.10	6.10	64.60	7.05	79.00	8.47	85.10	9.21	91.90	10.15	97.70	11.06	102.4	11.84
	14	51.10	6.42	64.60	7.56	79.00	9.22	85.10	10.07	91.90	11.14	97.70	12.17	102.4	13.05
	16	51.10	6.80	64.60	8.14	79.00	10.05	85.10	11.02	91.90	12.25	97.70	13.40	102.4	14.38
	18	51.10	7.23	64.60	8.79	79.00	10.99	85.10	12.08	91.90	13.47	97.70	14.76	102.4	15.85
	20	51.10	7.72	64.60	9.53	79.00	12.02	85.10	13.27	91.90	14.82	97.70	16.26	102.4	17.47
	21	51.10	7.99	64.60	9.92	79.00	12.59	85.10	13.90	91.90	15.54	97.70	17.06	102.4	18.34
	23	51.10	8.60	64.60	10.80	79.00	13.80	85.10	15.28	91.90	17.11	97.70	18.79	102.4	20.20
	25	51.10	9.27	64.60	11.78	79.00	15.16	85.10	16.80	91.90	18.79	97.70	20.54	102.4	21.91
	27	51.10	10.05	64.60	12.87	79.00	16.52	85.10	18.15	91.90	20.12	97.70	21.90	102.4	23.36
	29	51.10	10.92	64.60	13.90	79.00	17.60	85.10	19.35	91.90	21.45	97.70	23.34	102.4	24.91
	31	51.10	11.64	64.60	14.79	79.00	18.77	85.10	20.63	91.90	22.87	97.70	24.89	102.4	26.55
	33	51.10	12.36	64.60	15.75	79.00	20.01	85.10	22.00	91.90	24.38	97.70	26.54	102.4	28.31
	35	51.10	13.14	64.60	16.78	79.00	21.33	85.10	23.45	91.90	26.00	97.70	28.30	102.4	30.20
	37	51.10	13.99	64.60	17.89	79.00	22.76	85.10	25.02	91.90	27.73	97.70	30.19	102.4	32.23
	39	51.10	14.92	64.60	19.08	79.00	24.26	85.10	26.68	91.90	29.58	97.70	32.23	102.4	34.41
	41	51.10	15.91	64.60	20.36	79.00	25.89	85.10	28.47	91.90	31.57	97.70	34.42	102.4	36.77
	43	51.10	16.98	64.60	21.72	79.00	27.61	85.10	30.37	91.90	33.71	97.70	36.78	102.4	39.35
	46	51.10	18.73	64.60	23.94	79.00	30.44	85.10	33.51	91.90	37.26	94.90	39.03	94.90	39.05
	48	51.10	20.01	64.60	25.55	79.00	32.50	85.10	35.81	86.50	36.65	86.50	36.66	86.50	36.63
	50	51.10	21.37	64.60	27.26	78.60	34.49	78.60	34.50	78.50	34.48	78.50	34.46	78.40	34.46
	52	51.10	22.81	64.60	29.09	70.00	31.34	70.20	31.08	70.40	30.82	70.50	30.56	70.70	30.37
70	10	44.80	4.46	56.50	6.10	69.10	6.94	74.50	7.39	80.40	7.95	85.50	8.50	89.50	8.96
	12	44.80	5.67	56.50	6.44	69.10	7.45	74.50	7.98	80.40	8.64	85.50	9.27	89.50	9.81
	14	44.80	5.93	56.50	6.83	69.10	8.03	74.50	8.64	80.40	9.41	85.50	10.13	89.50	10.75
	16	44.80	6.24	56.50	7.28	69.10	8.69	74.50	9.39	80.40	10.27	85.50	11.09	89.50	11.79
	18	44.80	6.59	56.50	7.80	69.10	9.42	74.50	10.23	80.40	11.24	85.50	12.17	89.50	12.96
	20	44.80	6.99	56.50	8.39	69.10	10.25	74.50	11.17	80.40	12.30	85.50	13.36	89.50	14.25
	21	44.80	7.21	56.50	8.71	69.10	10.70	74.50	11.68	80.40	12.89	85.50	14.01	89.50	14.94
	23	44.80	7.70	56.50	9.42	69.10	11.68	74.50	12.79	80.40	14.14	85.50	15.39	89.50	16.44
	25	44.80	8.26	56.50	10.21	69.10	12.77	74.50	14.01	80.40	15.53	85.50	16.93	89.50	18.08
	27	44.80	8.90	56.50	11.10	69.10	13.98	74.50	15.34	80.40	16.90	85.50	18.28	89.50	19.41
	29	44.80	9.63	56.50	12.08	69.10	15.01	74.50	16.37	80.40	18.00	85.50	19.48	89.50	20.69
	31	44.80	10.33	56.50	12.83	69.10	15.98	74.50	17.44	80.40	19.20	85.50	20.77	89.50	22.06
	33	44.80	10.94	56.50	13.65	69.10	17.02	74.50	18.59	80.40	20.46	85.50	22.15	89.50	23.53
	35	44.80	11.61	56.50	14.53	69.10	18.15	74.50	19.82	80.40	21.82	85.50	23.61	89.50	25.09
	37	44.80	12.35	56.50	15.48	69.10	19.35	74.50	21.14	80.40	23.28	85.50	25.18	89.50	26.76
	39	44.80	13.14	56.50	16.51	69.10	20.65	74.50	22.55	80.40	24.82	85.50	26.86	89.50	28.54
	41	44.80	14.01	56.50	17.61	69.10	22.01	74.50	24.06	80.40	26.48	85.50	28.67	89.50	30.45

16. ARUM380LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	44.80	14.96	56.50	18.79	69.10	23.49	74.50	25.66	80.40	28.24	85.50	30.58	89.50	32.51
	46	44.80	16.50	56.50	20.72	69.10	25.89	74.50	28.28	80.40	31.14	85.50	33.74	89.50	35.90
	48	44.80	17.63	56.50	22.12	69.10	27.62	74.50	30.18	80.40	33.25	85.50	36.07	86.60	36.69
	50	44.80	18.85	56.50	23.61	69.10	29.47	74.50	32.21	78.60	34.50	78.60	34.47	78.50	34.50
	52	44.80	20.13	56.50	25.20	69.10	31.45	70.00	31.52	70.10	31.22	70.30	30.95	70.40	30.77
60	10	38.40	3.51	48.40	5.03	59.30	6.26	63.80	6.56	69.00	6.92	73.30	7.29	76.70	7.60
	12	38.40	5.14	48.40	5.93	59.30	6.64	63.80	6.99	69.00	7.44	73.30	7.86	76.70	8.22
	14	38.40	5.35	48.40	6.23	59.30	7.06	63.80	7.49	69.00	8.01	73.30	8.50	76.70	8.92
	16	38.40	5.61	48.40	6.57	59.30	7.56	63.80	8.05	69.00	8.66	73.30	9.23	76.70	9.71
	18	38.40	5.90	48.40	6.96	59.30	8.12	63.80	8.69	69.00	9.39	73.30	10.05	76.70	10.60
	20	38.40	6.23	48.40	7.41	59.30	8.76	63.80	9.42	69.00	10.22	73.30	10.96	76.70	11.59
	21	38.40	6.41	48.40	7.66	59.30	9.11	63.80	9.80	69.00	10.67	73.30	11.46	76.70	12.13
	23	38.40	6.81	48.40	8.21	59.30	9.87	63.80	10.66	69.00	11.64	73.30	12.54	76.70	13.29
	25	38.40	7.27	48.40	8.84	59.30	10.73	63.80	11.62	69.00	12.73	73.30	13.74	76.70	14.57
	27	38.40	7.80	48.40	9.55	59.30	11.69	63.80	12.71	69.00	13.94	73.30	15.05	76.70	15.93
	29	38.40	8.40	48.40	10.35	59.30	12.69	63.80	13.73	69.00	14.97	73.30	16.08	76.70	16.98
	31	38.40	9.06	48.40	11.07	59.30	13.48	63.80	14.60	69.00	15.93	73.30	17.12	76.70	18.09
	33	38.40	9.57	48.40	11.74	59.30	14.34	63.80	15.54	69.00	16.98	73.30	18.25	76.70	19.30
	35	38.40	10.14	48.40	12.48	59.30	15.27	63.80	16.57	69.00	18.10	73.30	19.46	76.70	20.58
	37	38.40	10.77	48.40	13.27	59.30	16.28	63.80	17.66	69.00	19.29	73.30	20.75	76.70	21.94
	39	38.40	11.45	48.40	14.15	59.30	17.37	63.80	18.83	69.00	20.58	73.30	22.14	76.70	23.40
	41	38.40	12.21	48.40	15.08	59.30	18.53	63.80	20.10	69.00	21.95	73.30	23.61	76.70	24.96
	43	38.40	13.04	48.40	16.10	59.30	19.77	63.80	21.44	69.00	23.41	73.30	25.19	76.70	26.63
	46	38.40	14.43	48.40	17.77	59.30	21.80	63.80	23.63	69.00	25.80	73.30	27.76	76.70	29.35
	48	38.40	15.42	48.40	18.98	59.30	23.26	63.80	25.21	69.00	27.53	73.30	29.61	76.70	31.32
	50	38.40	16.49	48.40	20.28	59.30	24.82	63.80	26.90	69.00	29.38	73.30	31.62	76.70	33.45
	52	38.40	17.64	48.40	21.66	59.30	26.48	63.80	28.71	69.00	31.36	69.90	31.53	70.00	31.32
50	10	31.90	2.70	40.30	3.79	49.40	5.18	53.20	5.75	57.40	6.15	61.10	6.38	64.00	6.56
	12	31.90	4.26	40.30	5.30	49.40	6.00	53.20	6.23	57.40	6.51	61.10	6.77	64.00	7.00
	14	31.90	4.80	40.30	5.54	49.40	6.30	53.20	6.57	57.40	6.92	61.10	7.24	64.00	7.50
	16	31.90	5.00	40.30	5.81	49.40	6.64	53.20	6.98	57.40	7.38	61.10	7.75	64.00	8.07
	18	31.90	5.23	40.30	6.11	49.40	7.05	53.20	7.44	57.40	7.91	61.10	8.35	64.00	8.70
	20	31.90	5.49	40.30	6.47	49.40	7.52	53.20	7.97	57.40	8.51	61.10	9.01	64.00	9.44
	21	31.90	5.63	40.30	6.65	49.40	7.77	53.20	8.26	57.40	8.84	61.10	9.38	64.00	9.83
	23	31.90	5.96	40.30	7.09	49.40	8.35	53.20	8.90	57.40	9.56	61.10	10.18	64.00	10.70
	25	31.90	6.33	40.30	7.58	49.40	8.99	53.20	9.62	57.40	10.39	61.10	11.09	64.00	11.66
	27	31.90	6.75	40.30	8.15	49.40	9.73	53.20	10.44	57.40	11.30	61.10	12.09	64.00	12.73
	29	31.90	7.22	40.30	8.79	49.40	10.55	53.20	11.36	57.40	12.29	61.10	13.10	64.00	13.75
	31	31.90	7.76	40.30	9.46	49.40	11.27	53.20	12.09	57.40	13.06	61.10	13.93	64.00	14.63
	33	31.90	8.22	40.30	10.00	49.40	11.96	53.20	12.84	57.40	13.89	61.10	14.82	64.00	15.58
	35	31.90	8.68	40.30	10.59	49.40	12.71	53.20	13.67	57.40	14.79	61.10	15.79	64.00	16.60
	37	31.90	9.18	40.30	11.26	49.40	13.52	53.20	14.55	57.40	15.76	61.10	16.83	64.00	17.70
	39	31.90	9.74	40.30	11.99	49.40	14.41	53.20	15.51	57.40	16.81	61.10	17.95	64.00	18.88
	41	31.90	10.36	40.30	12.78	49.40	15.37	53.20	16.55	57.40	17.92	61.10	19.15	64.00	20.14
	43	31.90	11.04	40.30	13.64	49.40	16.41	53.20	17.66	57.40	19.13	61.10	20.44	64.00	21.49
	46	31.90	12.20	40.30	15.06	49.40	18.11	53.20	19.49	57.40	21.10	61.10	22.52	64.00	23.68
	48	31.90	13.08	40.30	16.09	49.40	19.34	53.20	20.80	57.40	22.51	61.10	24.04	64.00	25.27
	50	31.90	14.05	40.30	17.21	49.40	20.66	53.20	22.20	57.40	24.03	61.10	25.65	64.00	26.96
	52	31.90	15.11	40.30	18.40	49.40	22.06	53.20	23.70	57.40	25.65	61.10	27.37	64.00	28.78

16. ARUM380LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

16. ARUM380LTE6

16.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	22.60	1.47	36.30	2.36	51.50	3.37	55.10	3.63	58.70	3.88	62.50	4.15	66.50	4.49
	12	22.60	1.47	36.30	2.36	51.50	3.40	55.10	3.66	58.70	3.92	62.50	4.19	66.50	4.56
	14	22.60	1.47	36.30	2.38	51.50	3.45	55.10	3.72	58.70	3.99	62.50	4.28	66.50	4.67
	16	22.60	1.48	36.30	2.41	51.50	3.54	55.10	3.82	58.70	4.12	62.50	4.44	66.50	4.90
	18	22.60	1.49	36.30	2.48	51.50	3.73	55.10	4.06	58.70	4.40	62.50	4.79	66.50	5.39
	20	22.60	1.54	36.30	2.64	51.50	4.21	55.10	4.65	58.70	5.13	62.50	5.67	66.50	6.65
	21	25.60	1.94	39.10	3.36	54.20	5.74	57.80	6.19	61.40	6.53	64.90	6.88	68.60	7.44
	23	31.60	4.60	45.00	5.69	59.90	7.21	63.30	7.59	66.70	8.02	69.70	8.41	73.10	9.07
	25	37.80	5.66	50.90	7.02	65.70	8.97	68.80	9.46	72.20	9.97	74.70	10.40	77.70	11.16
	27	44.10	7.12	57.00	8.80	71.60	11.30	74.60	11.89	77.70	12.49	79.80	12.90	86.80	14.64
	29	50.50	9.09	63.10	11.08	77.70	13.91	80.50	14.52	83.60	15.18	88.60	16.35	102.6	20.45
	31	57.20	11.37	69.50	13.64	84.00	17.04	86.60	17.72	94.10	19.74	104.9	22.90	118.6	28.22
	33	64.00	14.18	76.00	16.84	90.30	20.88	99.40	23.75	110.6	27.66	121.0	31.64	134.4	38.58
	35	71.00	17.73	82.80	20.82	106.0	29.01	115.9	33.18	127.1	38.34	137.1	43.23	150.2	50.17
	37	71.00	18.92	82.80	22.22	106.0	30.97	115.9	35.44	127.1	41.04	137.1	46.09	141.1	49.29
	39	71.00	20.19	82.80	23.71	106.0	33.07	115.9	37.89	127.1	44.01	132.0	46.63	130.5	47.11
	41	71.00	21.55	82.80	25.31	106.0	35.34	115.9	40.58	121.9	43.95	121.8	43.96	120.5	44.59
	43	71.00	23.01	82.80	27.01	106.0	37.80	112.1	41.22	112.0	41.18	112.0	41.17	110.8	41.80
	46	71.00	25.36	82.80	29.78	98.30	37.51	98.30	37.50	98.10	37.46	98.30	37.51	97.00	37.92
	48	71.00	27.07	82.80	31.79	89.60	35.25	89.70	35.30	89.50	35.23	89.40	35.22	88.40	35.63
	50	71.00	28.89	81.40	33.21	81.30	33.19	81.20	33.21	81.20	33.18	81.10	33.15	80.10	33.56
	52	70.40	30.43	71.80	29.50	72.40	28.73	72.50	28.57	72.70	28.39	72.80	28.25	72.40	28.44
120	10	20.90	1.36	33.50	2.17	47.50	3.11	50.80	3.33	54.20	3.57	57.70	3.81	61.40	4.10
	12	20.90	1.36	33.50	2.18	47.50	3.13	50.80	3.36	54.20	3.59	57.70	3.85	61.40	4.16
	14	20.90	1.36	33.50	2.19	47.50	3.16	50.80	3.40	54.20	3.66	57.70	3.91	61.40	4.25
	16	20.90	1.36	33.50	2.21	47.50	3.23	50.80	3.49	54.20	3.75	57.70	4.04	61.40	4.42
	18	20.90	1.38	33.50	2.26	47.50	3.38	50.80	3.67	54.20	3.98	57.70	4.31	61.40	4.81
	20	20.90	1.41	33.50	2.39	47.50	3.75	50.80	4.14	54.20	4.54	57.70	4.99	61.40	5.85
	21	23.60	1.74	36.10	2.98	50.00	5.03	53.40	5.62	56.60	6.09	59.90	6.39	63.40	6.87
	23	29.20	4.40	41.50	5.37	55.30	6.70	58.40	7.03	61.60	7.40	64.40	7.73	67.50	8.30
	25	34.90	5.37	46.90	6.56	60.60	8.26	63.60	8.67	66.70	9.12	69.00	9.47	71.70	10.14
	27	40.70	6.67	52.60	8.15	66.10	10.30	68.90	10.80	71.80	11.34	73.70	11.71	80.20	13.28
	29	46.70	8.43	58.30	10.22	71.70	12.69	74.30	13.21	77.10	13.79	81.80	14.80	94.80	18.33
	31	52.80	10.54	64.20	12.51	77.50	15.45	80.00	16.04	86.80	17.78	96.70	20.50	109.4	25.05
	33	59.10	13.03	70.30	15.34	83.40	18.84	91.80	21.32	102.2	24.66	111.7	28.05	124.1	33.89
	35	65.60	16.18	76.40	18.86	97.80	25.92	107.0	29.46	117.4	33.79	126.5	38.05	138.7	45.07
	37	65.60	17.27	76.40	20.13	97.80	27.67	107.0	31.45	117.4	36.11	126.5	40.71	138.7	48.09
	39	65.60	18.43	76.40	21.49	97.80	29.53	107.0	33.58	117.4	38.61	126.5	43.66	130.6	47.16
	41	65.60	19.67	76.40	22.94	97.80	31.52	107.0	35.89	117.4	41.35	121.9	43.96	120.4	44.57
	43	65.60	20.99	76.40	24.48	97.80	33.66	107.0	38.40	112.1	41.18	112.1	41.19	110.7	41.72
	46	65.60	23.16	76.40	26.98	97.80	37.21	98.30	37.50	98.20	37.46	98.10	37.44	97.00	37.96
	48	65.60	24.72	76.40	28.80	89.60	35.28	89.60	35.28	89.50	35.25	89.40	35.18	88.40	35.68
	50	65.60	26.38	76.40	30.74	81.30	33.20	81.20	33.17	81.70	33.37	81.30	33.18	80.20	33.56
	52	65.60	28.17	71.70	29.83	72.20	29.04	72.30	28.89	72.40	28.70	72.50	28.59	72.20	28.86
110	10	19.20	1.24	30.80	1.99	43.50	2.84	46.60	3.04	49.60	3.26	52.80	3.48	56.20	3.74
	12	19.20	1.24	30.80	1.99	43.50	2.85	46.60	3.07	49.60	3.28	52.80	3.50	56.20	3.79
	14	19.20	1.24	30.80	2.00	43.50	2.89	46.60	3.09	49.60	3.33	52.80	3.55	56.20	3.85
	16	19.20	1.25	30.80	2.02	43.50	2.94	46.60	3.16	49.60	3.40	52.80	3.65	56.20	3.99
	18	19.20	1.25	30.80	2.06	43.50	3.05	46.60	3.30	49.60	3.57	52.80	3.85	56.20	4.29

16. ARUM380LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	19.20	1.27	30.80	2.15	43.50	3.33	46.60	3.66	49.60	4.01	52.80	4.39	56.20	5.07
	21	21.70	1.56	33.10	2.63	45.80	4.33	48.80	4.82	51.90	5.37	54.90	5.84	58.10	6.36
	23	26.80	4.21	38.00	5.07	50.70	6.23	53.50	6.52	56.40	6.83	59.10	7.10	61.90	7.60
	25	31.90	5.07	43.10	6.13	55.50	7.60	58.30	7.94	61.00	8.31	63.30	8.62	65.70	9.19
	27	37.30	6.23	48.20	7.53	60.60	9.37	63.10	9.80	65.80	10.25	67.60	10.57	73.50	11.95
	29	42.80	7.80	53.40	9.38	65.70	11.56	68.20	12.00	70.70	12.49	75.00	13.35	86.90	16.36
	31	48.40	9.73	58.90	11.44	71.00	13.97	73.30	14.47	79.60	15.96	88.70	18.27	100.3	22.13
	33	54.20	11.94	64.40	13.93	76.40	16.94	84.10	19.05	93.60	21.89	102.4	24.75	113.7	29.64
	35	60.10	14.72	70.10	17.02	89.70	23.06	98.10	26.05	107.6	29.67	116.0	33.19	127.1	39.52
	37	60.10	15.70	70.10	18.17	89.70	24.61	98.10	27.80	107.6	31.68	116.0	35.46	127.1	42.34
	39	60.10	16.75	70.10	19.39	89.70	26.26	98.10	29.67	107.6	33.83	116.0	37.91	127.1	45.28
	41	60.10	17.89	70.10	20.70	89.70	28.03	98.10	31.67	107.6	36.16	116.0	40.60	120.6	44.61
	43	60.10	19.10	70.10	22.10	89.70	29.91	98.10	33.84	107.6	38.68	112.2	41.22	110.8	41.78
	46	60.10	21.07	70.10	24.37	89.70	33.00	98.10	37.40	98.20	37.49	98.30	37.50	97.00	37.96
	48	60.10	22.50	70.10	26.01	89.50	35.17	89.50	35.21	89.60	35.28	89.60	35.23	88.40	35.64
	50	60.10	24.02	70.10	27.75	81.40	33.22	81.40	33.22	81.20	33.18	81.30	33.19	80.30	33.58
	52	60.10	25.65	70.10	29.60	72.00	29.44	72.00	29.28	72.10	29.10	71.90	28.95	71.90	29.09
100	10	17.50	1.13	27.90	1.80	39.50	2.58	42.40	2.76	45.20	2.95	48.10	3.15	51.10	3.39
	12	17.50	1.13	27.90	1.81	39.50	2.58	42.40	2.78	45.20	2.97	48.10	3.17	51.10	3.42
	14	17.50	1.13	27.90	1.81	39.50	2.61	42.40	2.80	45.20	3.00	48.10	3.20	51.10	3.46
	16	17.50	1.13	27.90	1.82	39.50	2.65	42.40	2.85	45.20	3.05	48.10	3.27	51.10	3.57
	18	17.50	1.14	27.90	1.85	39.50	2.72	42.40	2.95	45.20	3.18	48.10	3.43	51.10	3.78
	20	17.50	1.15	27.90	1.92	39.50	2.95	42.40	3.22	45.20	3.50	48.10	3.82	51.10	4.37
	21	19.70	1.39	30.20	2.30	41.80	3.71	44.40	4.11	47.10	4.55	49.90	5.01	52.80	5.88
	23	24.30	4.02	34.60	4.77	46.00	5.78	48.60	6.04	51.30	6.29	53.60	6.54	56.20	6.94
	25	29.10	4.78	39.10	5.71	50.50	6.97	53.00	7.27	55.50	7.58	57.50	7.83	59.70	8.32
	27	33.90	5.81	43.80	6.94	55.10	8.51	57.40	8.87	59.80	9.26	61.40	9.51	66.70	10.67
	29	38.90	7.19	48.60	8.56	59.70	10.48	61.90	10.86	64.20	11.28	68.20	12.01	79.00	14.54
	31	44.00	8.95	53.50	10.43	64.60	12.58	66.50	13.00	72.40	14.27	80.60	16.22	91.20	19.46
	33	49.20	10.92	58.50	12.61	69.50	15.16	76.40	16.94	85.10	19.33	93.10	21.73	103.4	25.80
	35	54.70	13.34	63.70	15.30	81.50	20.40	89.20	22.91	97.80	25.92	105.5	28.83	115.5	33.99
	37	54.70	14.22	63.70	16.33	81.50	21.78	89.20	24.45	97.80	27.67	105.5	30.77	115.5	36.32
	39	54.70	15.18	63.70	17.42	81.50	23.24	89.20	26.10	97.80	29.53	105.5	32.86	115.5	38.85
	41	54.70	16.20	63.70	18.60	81.50	24.80	89.20	27.85	97.80	31.53	105.5	35.11	115.5	41.62
	43	54.70	17.30	63.70	19.87	81.50	26.47	89.20	29.73	97.80	33.68	105.5	37.54	110.9	41.80
	46	54.70	19.10	63.70	21.92	81.50	29.18	89.20	32.79	97.80	37.23	98.30	37.50	97.00	37.92
	48	54.70	20.40	63.70	23.40	81.50	31.15	89.20	35.03	89.60	35.27	89.50	35.23	88.40	35.65
	50	54.70	21.80	63.70	24.97	81.20	33.13	81.40	33.22	81.30	33.20	81.30	33.22	80.20	33.53
	52	54.70	23.28	63.70	26.66	71.50	29.87	71.80	29.63	71.90	29.35	72.10	29.15	71.70	29.25
90	10	15.70	1.01	25.10	1.62	35.60	2.31	38.20	2.48	40.60	2.65	43.30	2.82	46.00	3.04
	12	15.70	1.01	25.10	1.62	35.60	2.32	38.20	2.49	40.60	2.65	43.30	2.84	46.00	3.06
	14	15.70	1.01	25.10	1.62	35.60	2.33	38.20	2.50	40.60	2.68	43.30	2.87	46.00	3.09
	16	15.70	1.01	25.10	1.64	35.60	2.36	38.20	2.54	40.60	2.72	43.30	2.92	46.00	3.16
	18	15.70	1.01	25.10	1.65	35.60	2.42	38.20	2.61	40.60	2.81	43.30	3.03	46.00	3.32
	20	15.70	1.03	25.10	1.70	35.60	2.57	38.20	2.80	40.60	3.04	43.30	3.31	46.00	3.75
	21	17.70	1.21	27.10	2.00	37.60	3.15	39.90	3.47	42.40	3.82	44.90	4.18	47.50	5.04
	23	21.90	3.83	31.10	4.49	41.40	5.36	43.70	5.58	46.20	5.80	48.30	6.00	50.60	6.36
	25	26.20	4.51	35.20	5.31	45.40	6.39	47.70	6.64	50.00	6.91	51.70	7.13	53.80	7.53
	27	30.60	5.41	39.40	6.37	49.60	7.72	51.70	8.02	53.80	8.33	55.30	8.55	60.10	9.52
	29	35.00	6.61	43.70	7.78	53.80	9.44	55.70	9.79	57.80	10.14	61.40	10.76	71.10	12.88
	31	39.60	8.18	48.10	9.48	58.10	11.29	59.90	11.65	65.10	12.70	72.60	14.31	82.10	17.00

16. ARUM380LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	44.30	9.93	52.60	11.37	62.50	13.51	68.80	15.00	76.60	16.98	83.80	18.95	93.10	22.31
	35	49.20	12.05	57.40	13.69	73.30	17.95	80.30	20.03	88.00	22.52	95.00	24.89	104.0	29.08
	37	49.20	12.83	57.40	14.60	73.30	19.16	80.30	21.38	88.00	24.02	95.00	26.56	104.0	31.04
	39	49.20	13.68	57.40	15.58	73.30	20.44	80.30	22.81	88.00	25.65	95.00	28.35	104.0	33.14
	41	49.20	14.61	57.40	16.63	73.30	21.82	80.30	24.35	88.00	27.37	95.00	30.26	104.0	35.42
	43	49.20	15.60	57.40	17.77	73.30	23.30	80.30	25.99	88.00	29.21	95.00	32.31	104.0	37.88
	46	49.20	17.24	57.40	19.61	73.30	25.69	80.30	28.65	88.00	32.22	95.00	35.68	97.10	37.95
	48	49.20	18.43	57.40	20.95	73.30	27.41	80.30	30.58	88.00	34.41	89.60	35.25	88.60	35.71
	50	49.20	19.69	57.40	22.37	73.30	29.25	80.30	32.65	81.30	33.20	81.30	33.21	80.30	33.60
	52	49.20	21.04	57.40	23.89	71.50	30.12	71.70	29.87	71.80	29.60	71.90	29.34	71.70	29.50
80	10	13.90	0.90	22.40	1.44	31.70	2.05	33.80	2.19	36.10	2.34	38.40	2.50	40.90	2.69
	12	13.90	0.90	22.40	1.44	31.70	2.05	33.80	2.21	36.10	2.35	38.40	2.51	40.90	2.70
	14	13.90	0.90	22.40	1.44	31.70	2.06	33.80	2.21	36.10	2.37	38.40	2.52	40.90	2.72
	16	13.90	0.90	22.40	1.44	31.70	2.08	33.80	2.24	36.10	2.39	38.40	2.56	40.90	2.78
	18	13.90	0.90	22.40	1.45	31.70	2.12	33.80	2.28	36.10	2.46	38.40	2.64	40.90	2.88
	20	13.90	0.90	22.40	1.49	31.70	2.22	33.80	2.42	36.10	2.62	38.40	2.84	40.90	3.18
	21	15.80	1.06	24.10	1.72	33.40	2.65	35.50	2.90	37.80	3.18	39.90	3.46	42.20	4.10
	23	20.10	3.71	27.70	4.22	36.90	4.96	38.90	5.14	41.00	5.33	42.90	5.49	45.00	5.80
	25	23.20	4.24	31.30	4.93	40.40	5.84	42.40	6.05	44.40	6.28	46.00	6.45	47.80	6.79
	27	27.20	5.02	35.00	5.84	44.10	6.97	46.00	7.22	47.90	7.48	49.20	7.66	53.40	8.46
	29	31.10	6.06	38.90	7.05	47.80	8.43	49.60	8.72	51.40	9.03	54.50	9.57	63.20	11.35
	31	35.20	7.42	42.80	8.55	51.70	10.10	53.20	10.39	57.90	11.25	64.60	12.57	73.00	14.76
	33	39.40	8.96	46.80	10.20	55.60	11.98	61.20	13.20	68.10	14.82	74.50	16.42	82.70	19.14
	35	43.70	10.83	50.90	12.19	65.20	15.69	71.40	17.39	78.30	19.40	84.40	21.32	92.40	24.69
	37	43.70	11.52	50.90	12.99	65.20	16.74	71.40	18.56	78.30	20.70	84.40	22.75	92.40	26.34
	39	43.70	12.29	50.90	13.86	65.20	17.87	71.40	19.81	78.30	22.10	84.40	24.28	92.40	28.12
	41	43.70	13.12	50.90	14.80	65.20	19.08	71.40	21.14	78.30	23.59	84.40	25.91	92.40	30.01
	43	43.70	14.01	50.90	15.80	65.20	20.37	71.40	22.57	78.30	25.18	84.40	27.65	92.40	32.04
	46	43.70	15.48	50.90	17.46	65.20	22.48	71.40	24.88	78.30	27.75	84.40	30.49	92.40	35.39
	48	43.70	16.54	50.90	18.66	65.20	23.99	71.40	26.55	78.30	29.62	84.40	32.56	88.50	35.68
	50	43.70	17.70	50.90	19.94	65.20	25.60	71.40	28.34	78.30	31.62	81.30	33.22	80.30	33.57
	52	43.70	18.93	50.90	21.31	65.20	27.32	70.70	29.83	71.60	29.90	71.80	29.66	71.50	29.80
70	10	12.20	0.79	19.60	1.26	27.70	1.79	29.60	1.92	31.60	2.05	33.60	2.18	35.80	2.34
	12	12.20	0.79	19.60	1.25	27.70	1.79	29.60	1.92	31.60	2.05	33.60	2.19	35.80	2.35
	14	12.20	0.79	19.60	1.25	27.70	1.80	29.60	1.93	31.60	2.06	33.60	2.19	35.80	2.37
	16	12.20	0.79	19.60	1.26	27.70	1.80	29.60	1.94	31.60	2.08	33.60	2.22	35.80	2.39
	18	12.20	0.79	19.60	1.27	27.70	1.84	29.60	1.97	31.60	2.12	33.60	2.26	35.80	2.48
	20	12.20	0.79	19.60	1.29	27.70	1.91	29.60	2.06	31.60	2.22	33.60	2.40	35.80	2.66
	21	13.80	0.92	21.10	1.46	29.20	2.20	31.10	2.40	33.00	2.61	35.00	2.83	37.00	3.29
	23	17.10	3.09	24.20	3.96	32.30	4.58	34.00	4.73	35.90	4.89	37.60	5.02	39.30	5.27
	25	20.30	3.98	27.40	4.55	35.30	5.31	37.10	5.49	38.90	5.68	40.30	5.82	41.80	6.11
	27	23.70	4.64	30.60	5.33	38.60	6.27	40.10	6.48	41.80	6.69	43.00	6.83	46.70	7.48
	29	27.20	5.52	34.00	6.34	41.80	7.49	43.30	7.72	45.00	7.98	47.70	8.42	55.30	9.92
	31	30.80	6.69	37.40	7.66	45.20	8.96	46.60	9.21	50.70	9.92	56.40	10.98	63.80	12.73
	33	34.40	8.02	41.00	9.07	48.60	10.57	53.60	11.55	59.60	12.84	65.20	14.11	72.40	16.28
	35	38.20	9.63	44.60	10.79	57.00	13.62	62.50	14.97	68.40	16.58	73.90	18.09	80.90	20.75
	37	38.20	10.23	44.60	11.48	57.00	14.52	62.50	15.97	68.40	17.69	73.90	19.30	80.90	22.14
	39	38.20	10.89	44.60	12.25	57.00	15.50	62.50	17.05	68.40	18.88	73.90	20.61	80.90	23.63
	41	38.20	11.62	44.60	13.08	57.00	16.55	62.50	18.20	68.40	20.16	73.90	22.00	80.90	25.22
	43	38.20	12.43	44.60	13.97	57.00	17.67	62.50	19.44	68.40	21.53	73.90	23.48	80.90	26.92
	46	38.20	13.75	44.60	15.44	57.00	19.52	62.50	21.45	68.40	23.73	73.90	25.89	80.90	29.68

16. ARUM380LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	38.20	14.74	44.60	16.51	57.00	20.84	62.50	22.90	68.40	25.33	73.90	27.63	80.90	31.69
	50	38.20	15.80	44.60	17.66	57.00	22.26	62.50	24.45	68.40	27.03	73.90	29.48	80.30	33.58
	52	38.20	16.93	44.60	18.88	57.00	23.77	62.50	26.10	68.40	28.85	71.60	30.08	71.20	30.19
60	10	10.50	0.69	16.70	1.07	23.70	1.53	25.40	1.64	27.10	1.75	28.90	1.86	30.60	2.00
	12	10.50	0.69	16.70	1.07	23.70	1.53	25.40	1.64	27.10	1.75	28.90	1.86	30.60	2.01
	14	10.50	0.68	16.70	1.07	23.70	1.53	25.40	1.64	27.10	1.75	28.90	1.88	30.60	2.01
	16	10.50	0.68	16.70	1.07	23.70	1.54	25.40	1.65	27.10	1.77	28.90	1.88	30.60	2.03
	18	10.50	0.68	16.70	1.08	23.70	1.55	25.40	1.67	27.10	1.79	28.90	1.91	30.60	2.08
	20	10.50	0.68	16.70	1.09	23.70	1.60	25.40	1.72	27.10	1.85	28.90	2.00	30.60	2.20
	21	11.80	0.77	18.10	1.21	25.10	1.80	26.60	1.96	28.30	2.12	30.00	2.28	31.70	2.60
	23	14.60	2.17	20.70	3.25	27.60	4.21	29.20	4.34	30.80	4.46	32.10	4.58	33.80	4.78
	25	18.90	3.89	23.50	4.20	30.40	4.82	31.80	4.97	33.30	5.11	34.50	5.24	35.90	5.46
	27	20.30	4.29	26.20	4.84	33.10	5.61	34.40	5.77	35.90	5.95	36.90	6.06	40.10	6.59
	29	23.40	5.02	29.10	5.68	35.90	6.61	37.20	6.80	38.60	7.00	40.90	7.36	47.40	8.56
	31	26.40	5.97	32.10	6.76	38.70	7.87	39.90	8.07	43.40	8.65	48.40	9.51	54.70	10.90
	33	29.50	7.12	35.10	7.98	41.60	9.21	45.80	10.03	51.10	11.04	55.90	12.03	62.00	13.71
	35	32.80	8.44	38.20	9.41	48.90	11.73	53.60	12.78	58.70	14.02	63.30	15.19	69.30	17.24
	37	32.80	8.95	38.20	9.99	48.90	12.49	53.60	13.62	58.70	14.96	63.30	16.20	69.30	18.40
	39	32.80	9.50	38.20	10.64	48.90	13.32	53.60	14.53	58.70	15.96	63.30	17.29	69.30	19.63
	41	32.80	10.11	38.20	11.35	48.90	14.22	53.60	15.52	58.70	17.04	63.30	18.47	69.30	20.96
	43	32.80	10.77	38.20	12.14	48.90	15.19	53.60	16.58	58.70	18.21	63.30	19.72	69.30	22.37
	46	32.80	11.91	38.20	13.45	48.90	16.78	53.60	18.31	58.70	20.09	63.30	21.76	69.30	24.66
	48	32.80	12.76	38.20	14.42	48.90	17.94	53.60	19.57	58.70	21.45	63.30	23.22	69.30	26.32
	50	32.80	13.70	38.20	15.47	48.90	19.18	53.60	20.90	58.70	22.92	63.30	24.79	69.30	28.10
	52	32.80	14.74	38.20	16.60	48.90	20.51	53.60	22.32	58.70	24.46	63.30	26.46	69.30	29.99
50	10	8.70	0.67	14.00	0.90	19.80	1.27	21.10	1.36	22.60	1.46	24.10	1.55	25.60	1.66
	12	8.70	0.67	14.00	0.90	19.80	1.27	21.10	1.36	22.60	1.45	24.10	1.55	25.60	1.66
	14	8.70	0.67	14.00	0.90	19.80	1.27	21.10	1.36	22.60	1.46	24.10	1.55	25.60	1.67
	16	8.70	0.67	14.00	0.89	19.80	1.27	21.10	1.36	22.60	1.46	24.10	1.56	25.60	1.68
	18	8.70	0.67	14.00	0.90	19.80	1.28	21.10	1.38	22.60	1.47	24.10	1.58	25.60	1.71
	20	8.70	0.67	14.00	0.90	19.80	1.30	21.10	1.40	22.60	1.51	24.10	1.62	25.60	1.76
	21	9.90	0.66	15.00	0.99	20.90	1.44	22.20	1.56	23.60	1.67	24.90	1.80	26.40	2.01
	23	12.20	1.47	17.30	2.19	23.00	3.87	24.30	3.96	25.60	4.07	26.80	4.16	28.10	4.31
	25	18.20	3.93	20.00	3.91	25.30	4.36	26.40	4.47	27.70	4.58	28.70	4.68	29.80	4.86
	27	18.00	4.09	21.90	4.38	27.50	4.99	28.70	5.11	29.90	5.24	30.70	5.34	33.40	5.75
	29	19.40	4.53	24.30	5.06	29.90	5.78	31.00	5.93	32.10	6.08	34.00	6.36	39.50	7.29
	31	22.00	5.30	26.80	5.92	32.30	6.80	33.30	6.96	36.10	7.44	40.30	8.14	45.60	9.23
	33	24.70	6.26	29.30	6.93	34.80	7.91	38.20	8.55	42.60	9.37	46.50	10.14	51.70	11.42
	35	27.30	7.32	31.90	8.09	40.70	9.96	44.60	10.79	48.90	11.73	52.80	12.59	57.80	14.12
	37	27.30	7.73	31.90	8.55	40.70	10.59	44.60	11.48	48.90	12.50	52.80	13.42	57.80	15.05
	39	27.30	8.17	31.90	9.07	40.70	11.29	44.60	12.25	48.90	13.33	52.80	14.33	57.80	16.07
	41	27.30	8.66	31.90	9.65	40.70	12.04	44.60	13.08	48.90	14.22	52.80	15.29	57.80	17.15
	43	27.30	9.20	31.90	10.27	40.70	12.88	44.60	13.97	48.90	15.19	52.80	16.33	57.80	18.32
	46	27.30	10.11	31.90	11.34	40.70	14.26	44.60	15.44	48.90	16.79	52.80	18.04	57.80	20.22
	48	27.30	10.81	31.90	12.14	40.70	15.27	44.60	16.51	48.90	17.95	52.80	19.28	57.80	21.60
	50	27.30	11.56	31.90	13.02	40.70	16.35	44.60	17.66	48.90	19.19	52.80	20.60	57.80	23.06
	52	27.30	12.39	31.90	14.00	40.70	17.49	44.60	18.89	48.90	20.51	52.80	22.01	57.80	24.62

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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16.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	71.40	32.62	70.80	32.89	70.30	33.17	70.00	33.30	69.80	33.45	69.30	33.71
	-24.8	-25	83.00	34.29	82.40	34.60	81.90	34.90	81.50	35.05	81.30	35.21	80.70	35.51
	-21.8	-22	90.30	35.25	89.70	35.58	89.10	35.90	88.70	36.07	88.50	36.22	87.80	36.53
	-19.8	-20	95.40	35.90	94.80	36.24	94.10	36.57	93.70	36.74	93.50	36.90	92.90	37.23
	-18.8	-19	98.10	36.22	97.40	36.57	96.70	36.92	96.40	37.08	96.00	37.25	95.40	37.57
	-16.7	-17	103.5	36.88	102.9	37.24	102.1	37.59	101.7	37.77	101.5	37.94	100.7	38.28
	-15	-15.9	106.9	37.26	106.1	37.63	105.3	37.99	105.0	38.16	104.6	38.34	104.0	38.68
	-13.7	-15	109.7	37.60	108.9	37.97	108.3	38.34	107.9	38.52	107.5	38.71	106.9	39.06
	-11.8	-13	115.3	38.24	114.5	38.62	113.8	39.00	113.4	39.18	113.0	39.37	112.2	39.73
	-9.8	-11	121.6	38.92	120.7	39.31	119.9	39.70	119.5	39.88	119.1	40.07	118.3	40.44
	-9.5	-10	124.5	39.23	123.7	39.63	122.9	40.03	122.5	40.22	122.0	40.42	121.2	40.79
	-8.5	-9.1	127.5	39.55	126.6	39.95	125.7	40.35	125.3	40.55	124.9	40.74	124.0	41.12
	-7	-7.6	132.5	40.07	131.6	40.49	130.7	40.90	130.3	41.09	129.8	41.29	128.9	41.68
	-5	-5.6	139.5	40.79	138.5	41.21	137.5	41.62	137.1	41.83	136.6	42.03	135.6	42.43
	-3	-3.7	146.4	41.47	145.4	41.91	144.4	42.34	143.9	42.55	143.4	42.76	136.2	40.24
	0	-0.7	157.8	42.59	156.6	43.04	155.5	43.44	150.7	41.77	145.9	40.08	136.2	36.76
	3	2.2	169.1	43.68	165.3	42.99	155.6	39.80	150.7	38.25	145.9	36.72	136.2	33.72
	5	4.1	175.0	43.63	165.3	40.57	155.6	37.59	150.7	36.14	145.9	34.70	136.2	31.90
	7	6	175.0	41.15	165.3	38.28	155.6	35.49	150.7	34.12	145.9	32.77	136.2	30.14
	9	7.9	175.0	38.71	165.3	36.02	155.6	33.41	150.7	32.13	145.9	30.87	136.2	28.41
	11	9.8	175.0	36.37	165.3	33.87	155.6	31.43	150.7	30.24	145.9	29.07	136.2	26.77
	13	11.8	175.0	34.03	165.3	31.71	155.6	29.47	150.7	28.36	145.9	27.27	136.2	25.14
	15	13.7	175.0	31.94	165.3	29.79	155.6	27.69	150.7	26.67	145.9	25.65	136.2	23.67
120	-30	-30.2	71.00	32.77	70.50	33.04	70.00	33.32	69.80	33.45	69.50	33.58	69.10	33.85
	-24.8	-25	82.60	34.49	82.10	34.79	81.50	35.10	81.10	35.25	80.90	35.40	80.30	35.69
	-21.8	-22	89.90	35.49	89.30	35.81	88.60	36.13	88.30	36.29	88.00	36.44	87.40	36.75
	-19.8	-20	94.90	36.16	94.30	36.49	93.70	36.83	93.30	36.99	93.00	37.14	92.40	37.47
	-18.8	-19	97.50	36.49	96.90	36.83	96.20	37.18	95.80	37.34	95.60	37.50	94.90	37.83
	-16.7	-17	102.9	37.18	102.3	37.53	101.5	37.88	101.2	38.05	100.9	38.22	100.2	38.55
	-15	-15.9	106.1	37.57	105.5	37.94	104.7	38.29	104.4	38.46	104.0	38.64	103.4	38.98
	-13.7	-15	109.1	37.93	108.3	38.30	107.7	38.66	107.3	38.84	106.9	39.01	106.3	39.36
	-11.8	-13	114.7	38.59	113.9	38.97	113.1	39.34	112.7	39.52	112.4	39.70	111.6	40.05
	-9.8	-11	120.8	39.31	119.9	39.69	119.1	40.07	118.7	40.26	118.3	40.44	117.5	40.81
	-9.5	-10	123.7	39.64	122.9	40.03	121.9	40.42	121.5	40.61	121.2	40.79	120.4	41.16
	-8.5	-9.1	126.5	39.97	125.7	40.37	124.8	40.75	124.4	40.94	124.0	41.14	123.2	41.51
	-7	-7.6	131.5	40.53	130.7	40.92	129.7	41.33	129.3	41.52	128.9	41.71	125.6	40.93
	-5	-5.6	138.3	41.27	137.4	41.69	136.4	42.10	136.0	42.29	134.7	42.05	125.6	38.57
	-3	-3.7	145.2	42.01	144.2	42.43	143.2	42.85	139.1	41.37	134.7	39.70	125.6	36.43
	0	-0.7	156.2	43.19	152.6	42.43	143.6	39.31	139.1	37.77	134.7	36.26	125.6	33.32
	3	2.2	161.5	41.75	152.6	38.85	143.6	36.02	139.1	34.64	134.7	33.28	125.6	30.61
	5	4.1	161.5	39.41	152.6	36.70	143.6	34.05	139.1	32.75	134.7	31.47	125.6	28.98
	7	6	161.5	37.20	152.6	34.64	143.6	32.16	139.1	30.94	134.7	29.74	125.6	27.39
	9	7.9	161.5	35.01	152.6	32.62	143.6	30.30	139.1	29.16	134.7	28.04	125.6	25.84
	11	9.8	161.5	32.92	152.6	30.69	143.6	28.53	139.1	27.47	134.7	26.43	125.6	24.38
	13	11.8	161.5	30.85	152.6	28.78	143.6	26.78	139.1	25.79	134.7	24.82	125.6	22.91

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	161.5	28.97	152.6	27.06	143.6	25.19	139.1	24.28	134.7	23.37	125.6	21.60
110	-30	-30.2	70.70	32.95	70.20	33.23	69.70	33.49	69.50	33.63	69.20	33.76	68.70	34.02
	-24.8	-25	82.20	34.73	81.60	35.03	81.10	35.32	80.70	35.47	80.50	35.62	79.90	35.90
	-21.8	-22	89.30	35.77	88.70	36.08	88.10	36.40	87.80	36.55	87.50	36.70	87.00	37.01
	-19.8	-20	94.30	36.46	93.70	36.79	93.10	37.11	92.70	37.27	92.50	37.43	91.80	37.74
	-18.8	-19	96.90	36.81	96.20	37.14	95.60	37.48	95.20	37.64	95.00	37.79	94.40	38.12
	-16.7	-17	102.3	37.53	101.5	37.87	100.9	38.21	100.5	38.38	100.2	38.55	99.60	38.87
	-15	-15.9	105.4	37.94	104.7	38.29	104.0	38.64	103.6	38.81	103.4	38.98	102.6	39.31
	-13.7	-15	108.3	38.31	107.6	38.68	106.9	39.03	106.6	39.21	106.2	39.38	105.6	39.72
	-11.8	-13	113.8	39.01	113.0	39.38	112.2	39.74	111.8	39.92	111.6	40.09	110.8	40.44
	-9.8	-11	119.8	39.76	118.9	40.14	118.1	40.51	117.7	40.68	117.3	40.87	115.2	40.47
	-9.5	-10	122.7	40.11	121.9	40.49	121.0	40.87	120.6	41.05	120.2	41.23	115.2	39.40
	-8.5	-9.1	125.5	40.46	124.6	40.85	123.8	41.22	123.4	41.42	123.0	41.59	115.2	38.37
	-7	-7.6	130.3	41.05	129.5	41.44	128.6	41.83	127.5	41.69	123.5	40.01	115.2	36.74
	-5	-5.6	137.0	41.84	136.2	42.25	131.7	40.88	127.5	39.28	123.5	37.72	115.2	34.65
	-3	-3.7	143.8	42.62	139.9	41.65	131.7	38.60	127.5	37.11	123.5	35.63	115.2	32.76
	0	-0.7	148.2	40.86	139.9	38.03	131.7	35.28	127.5	33.93	123.5	32.60	115.2	30.00
	3	2.2	148.2	37.43	139.9	34.87	131.7	32.38	127.5	31.16	123.5	29.96	115.2	27.60
	5	4.1	148.2	35.36	139.9	32.96	131.7	30.63	127.5	29.49	123.5	28.36	115.2	26.16
	7	6	148.2	33.39	139.9	31.14	131.7	28.94	127.5	27.86	123.5	26.80	115.2	24.73
	9	7.9	148.2	31.46	139.9	29.35	131.7	27.30	127.5	26.29	123.5	25.30	115.2	23.35
	11	9.8	148.2	29.61	139.9	27.65	131.7	25.73	127.5	24.79	123.5	23.87	115.2	22.06
	13	11.8	148.2	27.77	139.9	25.95	131.7	24.18	127.5	23.31	123.5	22.45	115.2	20.76
	15	13.7	148.2	26.12	139.9	24.43	131.7	22.78	127.5	21.96	123.5	21.16	115.2	19.59
100	-30	-30.2	70.30	33.17	69.80	33.43	69.30	33.70	69.10	33.83	68.90	33.96	68.30	34.22
	-24.8	-25	81.70	35.01	81.10	35.30	80.50	35.60	80.30	35.73	80.00	35.88	79.50	36.16
	-21.8	-22	88.70	36.09	88.10	36.40	87.50	36.70	87.20	36.86	87.00	37.01	86.40	37.30
	-19.8	-20	93.70	36.81	93.00	37.14	92.40	37.46	92.10	37.61	91.80	37.77	91.20	38.07
	-18.8	-19	96.20	37.18	95.60	37.51	94.90	37.83	94.60	37.99	94.30	38.14	93.70	38.46
	-16.7	-17	101.5	37.94	100.7	38.27	100.1	38.60	99.80	38.77	99.40	38.92	98.80	39.24
	-15	-15.9	104.6	38.37	103.8	38.72	103.2	39.05	102.8	39.22	102.5	39.38	101.8	39.70
	-13.7	-15	107.4	38.77	106.7	39.12	106.1	39.47	105.8	39.64	105.4	39.81	104.7	40.09
	-11.8	-13	112.8	39.50	112.0	39.85	111.2	40.20	110.9	40.38	110.6	40.55	104.7	38.09
	-9.8	-11	118.6	40.29	117.9	40.66	117.1	41.01	115.9	40.80	112.2	39.18	104.7	36.00
	-9.5	-10	121.5	40.66	120.6	41.03	119.7	41.32	115.9	39.71	112.2	38.14	104.7	35.06
	-8.5	-9.1	124.2	41.03	123.4	41.41	119.7	40.24	115.9	38.68	112.2	37.15	104.7	34.16
	-7	-7.6	129.0	41.66	127.1	41.53	119.7	38.52	115.9	37.03	112.2	35.58	104.7	32.72
	-5	-5.6	134.7	42.05	127.1	39.15	119.7	36.31	115.9	34.93	112.2	33.56	104.7	30.89
	-3	-3.7	134.7	39.70	127.1	36.97	119.7	34.32	115.9	33.01	112.2	31.73	104.7	29.23
	0	-0.7	134.7	36.27	127.1	33.81	119.7	31.41	115.9	30.23	112.2	29.08	104.7	26.81
	3	2.2	134.7	33.28	127.1	31.05	119.7	28.88	115.9	27.81	112.2	26.76	104.7	24.70
	5	4.1	134.7	31.47	127.1	29.38	119.7	27.35	115.9	26.35	112.2	25.37	104.7	23.43
	7	6	134.7	29.74	127.1	27.77	119.7	25.86	115.9	24.92	112.2	23.99	104.7	22.16
	9	7.9	134.7	28.04	127.1	26.21	119.7	24.42	115.9	23.54	112.2	22.66	104.7	20.96
	11	9.8	134.7	26.43	127.1	24.72	119.7	23.04	115.9	22.22	112.2	21.42	104.7	19.82
	13	11.8	134.7	24.82	127.1	23.23	119.7	21.68	115.9	20.91	112.2	20.15	104.7	18.68
	15	13.7	134.7	23.37	127.1	21.89	119.7	20.44	115.9	19.73	112.2	19.02	104.7	17.65

16. ARUM380LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	69.80	33.43	69.30	33.69	68.90	33.95	68.70	34.08	68.30	34.21	67.90	34.45
	-24.8	-25	81.10	35.34	80.50	35.64	79.90	35.92	79.70	36.06	79.40	36.19	78.80	36.47
	-21.8	-22	88.00	36.47	87.40	36.77	86.80	37.08	86.50	37.23	86.20	37.37	85.70	37.66
	-19.8	-20	92.80	37.24	92.20	37.55	91.60	37.86	91.30	38.01	91.00	38.16	90.40	38.46
	-18.8	-19	95.40	37.63	94.60	37.95	94.00	38.26	93.70	38.42	93.40	38.57	92.90	38.86
	-16.7	-17	100.5	38.42	99.80	38.75	99.20	39.07	98.80	39.23	98.40	39.38	94.20	37.57
	-15	-15.9	103.6	38.88	102.8	39.22	102.2	39.55	101.8	39.70	100.9	39.57	94.20	36.38
	-13.7	-15	106.4	39.31	105.7	39.66	105.0	39.99	104.3	39.94	100.9	38.34	94.20	35.21
	-11.8	-13	111.6	40.07	110.8	40.42	107.7	39.43	104.3	37.93	100.9	36.44	94.20	33.50
	-9.8	-11	117.3	40.92	114.4	40.15	107.7	37.26	104.3	35.84	100.9	34.44	94.20	31.70
	-9.5	-10	120.0	41.31	114.4	39.08	107.7	36.28	104.3	34.90	100.9	33.54	94.20	30.89
	-8.5	-9.1	121.2	40.86	114.4	38.06	107.7	35.35	104.3	34.01	100.9	32.69	94.20	30.11
	-7	-7.6	121.2	39.12	114.4	36.45	107.7	33.85	104.3	32.58	100.9	31.33	94.20	28.86
	-5	-5.6	121.2	36.87	114.4	34.38	107.7	31.94	104.3	30.75	100.9	29.58	94.20	27.27
	-3	-3.7	121.2	34.84	114.4	32.51	107.7	30.22	104.3	29.10	100.9	27.99	94.20	25.83
	0	-0.7	121.2	31.89	114.4	29.77	107.7	27.71	104.3	26.70	100.9	25.69	94.20	23.73
	3	2.2	121.2	29.31	114.4	27.39	107.7	25.52	104.3	24.60	100.9	23.69	94.20	21.91
	5	4.1	121.2	27.75	114.4	25.95	107.7	24.20	104.3	23.33	100.9	22.48	94.20	20.80
	7	6	121.2	26.24	114.4	24.54	107.7	22.89	104.3	22.08	100.9	21.28	94.20	19.70
	9	7.9	121.2	24.76	114.4	23.18	107.7	21.64	104.3	20.88	100.9	20.12	94.20	18.65
	11	9.8	121.2	23.38	114.4	21.90	107.7	20.45	104.3	19.74	100.9	19.04	94.20	17.65
	13	11.8	121.2	21.98	114.4	20.61	107.7	19.26	104.3	18.61	100.9	17.95	94.20	16.67
	15	13.7	121.2	20.73	114.4	19.45	107.7	18.19	104.3	17.58	100.9	16.97	94.20	15.77
80	-30	-30.2	69.30	33.74	68.70	34.00	68.30	34.26	68.10	34.38	67.90	34.50	67.40	34.75
	-24.8	-25	80.30	35.75	79.70	36.04	79.20	36.32	78.90	36.45	78.60	36.58	78.20	36.85
	-21.8	-22	87.00	36.95	86.40	37.25	85.90	37.53	85.60	37.67	85.30	37.82	83.80	37.44
	-19.8	-20	91.80	37.75	91.20	38.06	90.60	38.36	90.30	38.51	89.70	38.49	83.80	35.43
	-18.8	-19	94.20	38.17	93.60	38.48	93.00	38.78	92.70	38.93	89.70	37.45	83.80	34.48
	-16.7	-17	99.20	39.01	98.60	39.33	95.80	38.29	92.70	36.85	89.70	35.43	83.80	32.62
	-15	-15.9	102.2	39.51	101.6	39.83	95.80	37.08	92.70	35.68	89.70	34.29	83.80	31.57
	-13.7	-15	105.0	39.97	101.7	38.69	95.80	35.90	92.70	34.53	89.70	33.17	83.80	30.53
	-11.8	-13	107.7	39.44	101.7	36.77	95.80	34.15	92.70	32.86	89.70	31.60	83.80	29.09
	-9.8	-11	107.7	37.26	101.7	34.75	95.80	32.31	92.70	31.11	89.70	29.92	83.80	27.60
	-9.5	-10	107.7	36.28	101.7	33.84	95.80	31.47	92.70	30.31	89.70	29.16	83.80	26.91
	-8.5	-9.1	107.7	35.35	101.7	32.98	95.80	30.68	92.70	29.55	89.70	28.43	83.80	26.23
	-7	-7.6	107.7	33.85	101.7	31.60	95.80	29.40	92.70	28.33	89.70	27.26	83.80	25.16
	-5	-5.6	107.7	31.94	101.7	29.84	95.80	27.78	92.70	26.77	89.70	25.77	83.80	23.80
	-3	-3.7	107.7	30.22	101.7	28.24	95.80	26.30	92.70	25.36	89.70	24.42	83.80	22.58
	0	-0.7	107.7	27.71	101.7	25.92	95.80	24.17	92.70	23.31	89.70	22.46	83.80	20.79
	3	2.2	107.7	25.52	101.7	23.89	95.80	22.31	92.70	21.52	89.70	20.74	83.80	19.23
	5	4.1	107.7	24.20	101.7	22.67	95.80	21.17	92.70	20.43	89.70	19.70	83.80	18.27
	7	6	107.7	22.89	101.7	21.45	95.80	20.05	92.70	19.36	89.70	18.67	83.80	17.32
	9	7.9	107.7	21.64	101.7	20.29	95.80	18.98	92.70	18.33	89.70	17.69	83.80	16.43
	11	9.8	107.7	20.45	101.7	19.19	95.80	17.96	92.70	17.36	89.70	16.75	83.80	15.57
	13	11.8	107.7	19.26	101.7	18.09	95.80	16.95	92.70	16.38	89.70	15.82	83.80	14.73
	15	13.7	107.7	18.19	101.7	17.10	95.80	16.03	92.70	15.50	89.70	14.98	83.80	13.95
70	-30	-30.2	68.50	34.15	68.10	34.39	67.60	34.64	67.40	34.76	67.20	34.89	66.70	35.11

16. ARUM380LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	79.20	36.27	78.80	36.54	78.20	36.80	78.00	36.93	77.80	37.06	73.30	34.68
	-21.8	-22	85.90	37.54	85.30	37.82	83.80	37.44	81.10	36.04	78.50	34.66	73.30	31.96
	-19.8	-20	90.60	38.40	89.10	38.12	83.80	35.43	81.10	34.12	78.50	32.82	73.30	30.27
	-18.8	-19	92.90	38.84	89.10	37.07	83.80	34.48	81.10	33.20	78.50	31.94	73.30	29.46
	-16.7	-17	94.20	37.57	89.10	35.07	83.80	32.62	81.10	31.43	78.50	30.24	73.30	27.91
	-15	-15.9	94.20	36.38	89.10	33.95	83.80	31.57	81.10	30.40	78.50	29.24	73.30	26.96
	-13.7	-15	94.20	35.22	89.10	32.84	83.80	30.54	81.10	29.40	78.50	28.28	73.30	26.08
	-11.8	-13	94.20	33.50	89.10	31.27	83.80	29.09	81.10	28.00	78.50	26.95	73.30	24.86
	-9.8	-11	94.20	31.71	89.10	29.63	83.80	27.60	81.10	26.59	78.50	25.60	73.30	23.64
	-9.5	-10	94.20	30.89	89.10	28.87	83.80	26.91	81.10	25.94	78.50	24.97	73.30	23.10
	-8.5	-9.1	94.20	30.11	89.10	28.15	83.80	26.23	81.10	25.29	78.50	24.36	73.30	22.53
	-7	-7.6	94.20	28.86	89.10	27.00	83.80	25.16	81.10	24.27	78.50	23.38	73.30	21.63
	-5	-5.6	94.20	27.27	89.10	25.52	83.80	23.81	81.10	22.97	78.50	22.14	73.30	20.50
	-3	-3.7	94.20	25.83	89.10	24.19	83.80	22.58	81.10	21.79	78.50	21.01	73.30	19.46
	0	-0.7	94.20	23.73	89.10	22.25	83.80	20.79	81.10	20.07	78.50	19.36	73.30	17.96
	3	2.2	94.20	21.91	89.10	20.55	83.80	19.23	81.10	18.58	78.50	17.93	73.30	16.65
	5	4.1	94.20	20.80	89.10	19.52	83.80	18.27	81.10	17.64	78.50	17.04	73.30	15.84
	7	6	94.20	19.70	89.10	18.50	83.80	17.32	81.10	16.75	78.50	16.17	73.30	15.04
	9	7.9	94.20	18.65	89.10	17.53	83.80	16.43	81.10	15.89	78.50	15.35	73.30	14.29
	11	9.8	94.20	17.65	89.10	16.60	83.80	15.57	81.10	15.07	78.50	14.56	73.30	13.58
	13	11.8	94.20	16.67	89.10	15.68	83.80	14.73	81.10	14.25	78.50	13.78	73.30	12.85
	15	13.7	94.20	15.77	89.10	14.85	83.80	13.95	81.10	13.51	78.50	13.07	73.30	12.20
60	-30	-30.2	67.50	34.66	67.10	34.91	66.70	35.13	66.40	35.26	66.20	35.37	62.90	33.36
	-24.8	-25	78.00	36.93	76.30	36.36	71.80	33.84	69.60	32.61	67.30	31.39	62.90	28.98
	-21.8	-22	80.80	35.84	76.30	33.49	71.80	31.20	69.60	30.06	67.30	28.95	62.90	26.74
	-19.8	-20	80.80	33.94	76.30	31.72	71.80	29.55	69.60	28.49	67.30	27.44	62.90	25.36
	-18.8	-19	80.80	33.02	76.30	30.87	71.80	28.77	69.60	27.73	67.30	26.71	62.90	24.69
	-16.7	-17	80.80	31.25	76.30	29.23	71.80	27.25	69.60	26.27	67.30	25.31	62.90	23.42
	-15	-15.9	80.80	30.23	76.30	28.26	71.80	26.33	69.60	25.38	67.30	24.44	62.90	22.59
	-13.7	-15	80.80	29.25	76.30	27.34	71.80	25.47	69.60	24.56	67.30	23.65	62.90	21.88
	-11.8	-13	80.80	27.85	76.30	26.04	71.80	24.28	69.60	23.41	67.30	22.55	62.90	20.86
	-9.8	-11	80.80	26.45	76.30	24.76	71.80	23.08	69.60	22.26	67.30	21.45	62.90	19.85
	-9.5	-10	80.80	25.79	76.30	24.16	71.80	22.57	69.60	21.78	67.30	21.00	62.90	19.47
	-8.5	-9.1	80.80	25.16	76.30	23.57	71.80	22.02	69.60	21.25	67.30	20.50	62.90	19.01
	-7	-7.6	80.80	24.14	76.30	22.63	71.80	21.15	69.60	20.42	67.30	19.70	62.90	18.27
	-5	-5.6	80.80	22.84	76.30	21.43	71.80	20.04	69.60	19.35	67.30	18.68	62.90	17.34
	-3	-3.7	80.80	21.68	76.30	20.34	71.80	19.03	69.60	18.39	67.30	17.75	62.90	16.49
	0	-0.7	80.80	19.97	76.30	18.76	71.80	17.57	69.60	16.98	67.30	16.40	62.90	15.26
	3	2.2	80.80	18.48	76.30	17.38	71.80	16.29	69.60	15.76	67.30	15.23	62.90	14.19
	5	4.1	80.80	17.57	76.30	16.52	71.80	15.50	69.60	14.99	67.30	14.50	62.90	13.51
	7	6	80.80	16.66	76.30	15.69	71.80	14.73	69.60	14.26	67.30	13.78	62.90	12.86
	9	7.9	80.80	15.81	76.30	14.89	71.80	14.00	69.60	13.55	67.30	13.11	62.90	12.24
	11	9.8	80.80	15.00	76.30	14.14	71.80	13.29	69.60	12.87	67.30	12.47	62.90	11.66
	13	11.8	80.80	14.18	76.30	13.38	71.80	12.60	69.60	12.20	67.30	11.82	62.90	11.06
	15	13.7	80.80	13.45	76.30	12.69	71.80	11.96	69.60	11.60	67.30	11.24	62.90	10.53
50	-30	-30.2	66.20	35.35	63.60	33.83	59.80	31.53	58.00	30.40	56.10	29.27	52.40	27.07
	-24.8	-25	67.30	31.39	63.60	29.38	59.80	27.41	58.00	26.44	56.10	25.48	52.40	23.59

16. ARUM380LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	67.30	28.95	63.60	27.11	59.80	25.31	58.00	24.42	56.10	23.55	52.40	21.82
	-19.8	-20	67.30	27.44	63.60	25.70	59.80	24.00	58.00	23.17	56.10	22.35	52.40	20.71
	-18.8	-19	67.30	26.71	63.60	25.03	59.80	23.38	58.00	22.57	56.10	21.77	52.40	20.18
	-16.7	-17	67.30	25.31	63.60	23.73	59.80	22.18	58.00	21.41	56.10	20.66	52.40	19.17
	-15	-15.9	67.30	24.44	63.60	22.90	59.80	21.40	58.00	20.65	56.10	19.92	52.40	18.48
	-13.7	-15	67.30	23.65	63.60	22.16	59.80	20.71	58.00	20.00	56.10	19.29	52.40	17.89
	-11.8	-13	67.30	22.55	63.60	21.14	59.80	19.76	58.00	19.08	56.10	18.41	52.40	17.09
	-9.8	-11	67.30	21.45	63.60	20.12	59.80	18.81	58.00	18.17	56.10	17.53	52.40	16.28
	-9.5	-10	67.30	21.00	63.60	19.72	59.80	18.47	58.00	17.85	56.10	17.24	52.40	16.03
	-8.5	-9.1	67.30	20.50	63.60	19.26	59.80	18.03	58.00	17.44	56.10	16.84	52.40	15.66
	-7	-7.6	67.30	19.70	63.60	18.51	59.80	17.34	58.00	16.77	56.10	16.21	52.40	15.08
	-5	-5.6	67.30	18.68	63.60	17.57	59.80	16.46	58.00	15.93	56.10	15.39	52.40	14.34
	-3	-3.7	67.30	17.75	63.60	16.71	59.80	15.68	58.00	15.16	56.10	14.66	52.40	13.67
	0	-0.7	67.30	16.40	63.60	15.45	59.80	14.51	58.00	14.05	56.10	13.60	52.40	12.69
	3	2.2	67.30	15.24	63.60	14.36	59.80	13.50	58.00	13.08	56.10	12.66	52.40	11.84
	5	4.1	67.30	14.50	63.60	13.68	59.80	12.87	58.00	12.47	56.10	12.08	52.40	11.30
	7	6	67.30	13.78	63.60	13.02	59.80	12.26	58.00	11.88	56.10	11.52	52.40	10.78
	9	7.9	67.30	13.11	63.60	12.38	59.80	11.68	58.00	11.32	56.10	10.98	52.40	10.29
	11	9.8	67.30	12.47	63.60	11.79	59.80	11.12	58.00	10.79	56.10	10.47	52.40	9.83
	13	11.8	67.30	11.82	63.60	11.19	59.80	10.56	58.00	10.26	56.10	9.95	52.40	9.35
	15	13.7	67.30	11.24	63.60	10.65	59.80	10.06	58.00	9.78	56.10	9.49	52.40	8.92

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

16. ARUM380LTE6

16.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	71.40	32.62	70.80	32.89	70.30	33.17	70.00	33.30	69.80	33.45	69.30	33.71
	-24.8	-25	83.00	34.29	82.40	34.60	81.90	34.90	81.50	35.05	81.30	35.21	80.70	35.51
	-21.8	-22	90.30	35.25	89.70	35.58	89.10	35.90	88.70	36.07	88.50	36.22	87.80	36.53
	-19.8	-20	95.40	35.90	94.80	36.24	94.10	36.57	93.70	36.74	93.50	36.90	92.90	37.23
	-18.8	-19	98.10	36.22	97.40	36.57	96.70	36.92	96.40	37.08	96.00	37.25	95.40	37.57
	-16.7	-17	103.5	36.88	102.9	37.24	102.1	37.59	101.7	37.77	101.5	37.94	100.7	38.28
	-15	-15.9	106.9	37.26	106.1	37.63	105.3	37.99	105.0	38.16	104.6	38.34	104.0	38.68
	-13.7	-15	109.7	37.60	108.9	37.97	108.3	38.34	107.9	38.52	107.5	38.71	106.9	39.06
	-11.8	-13	115.3	38.24	114.5	38.62	113.8	39.00	113.4	39.18	113.0	39.37	112.2	39.73
	-9.8	-11	121.6	38.92	120.7	39.31	119.9	39.70	119.5	39.88	119.1	40.07	118.3	40.44
	-9.5	-10	124.5	39.23	123.7	39.63	122.9	40.03	122.5	40.22	122.0	40.42	121.2	40.79
	-8.5	-9.1	127.5	39.55	126.6	39.95	125.7	40.35	125.3	40.55	124.9	40.74	124.0	41.12
	-7	-7.6	132.5	40.07	131.6	40.49	130.7	40.90	130.3	41.09	129.8	41.29	128.9	41.68
	-5	-5.6	139.5	40.79	138.5	41.21	137.5	41.62	137.1	41.83	136.6	42.03	135.6	42.43
	-3	-3.7	146.4	41.47	145.4	41.91	144.4	42.34	143.9	42.55	143.4	42.76	136.2	40.24
	0	-0.7	157.8	42.59	156.6	43.04	155.5	43.44	150.7	41.77	145.9	40.08	136.2	36.76
	3	2.2	169.1	43.68	165.3	42.99	155.6	39.80	150.7	38.25	145.9	36.72	136.2	33.72
	5	4.1	165.7	39.78	155.8	36.83	146.1	33.97	141.2	32.57	136.2	31.20	126.3	28.50
	7	6	156.0	33.96	146.1	31.30	136.2	28.73	131.3	27.47	126.2	26.24	116.3	23.81
	9	7.9	146.1	28.66	136.1	26.32	126.0	24.02	121.0	22.91	115.9	21.81	105.8	19.65
	11	9.8	135.8	23.96	125.8	21.89	115.5	19.88	110.4	18.89	105.3	17.91	95.00	16.01
	13	11.8	125.2	19.75	115.0	17.94	104.7	16.19	99.50	15.33	94.40	14.48	83.80	12.82
	15	13.7	114.2	16.13	103.9	14.57	93.50	13.04	88.20	12.29	83.00	11.56	72.40	10.12
120	-30	-30.2	71.00	32.77	70.50	33.04	70.00	33.32	69.80	33.45	69.50	33.58	69.10	33.85
	-24.8	-25	82.60	34.49	82.10	34.79	81.50	35.10	81.10	35.25	80.90	35.40	80.30	35.69
	-21.8	-22	89.90	35.49	89.30	35.81	88.60	36.13	88.30	36.29	88.00	36.44	87.40	36.75
	-19.8	-20	94.90	36.16	94.30	36.49	93.70	36.83	93.30	36.99	93.00	37.14	92.40	37.47
	-18.8	-19	97.50	36.49	96.90	36.83	96.20	37.18	95.80	37.34	95.60	37.50	94.90	37.83
	-16.7	-17	102.9	37.18	102.3	37.53	101.5	37.88	101.2	38.05	100.9	38.22	100.2	38.55
	-15	-15.9	106.1	37.57	105.5	37.94	104.7	38.29	104.4	38.46	104.0	38.64	103.4	38.98
	-13.7	-15	109.1	37.93	108.3	38.30	107.7	38.66	107.3	38.84	106.9	39.01	106.3	39.36
	-11.8	-13	114.7	38.59	113.9	38.97	113.1	39.34	112.7	39.52	112.4	39.70	111.6	40.05
	-9.8	-11	120.8	39.31	119.9	39.69	119.1	40.07	118.7	40.26	118.3	40.44	117.5	40.81
	-9.5	-10	123.7	39.64	122.9	40.03	121.9	40.42	121.5	40.61	121.2	40.79	120.4	41.16
	-8.5	-9.1	126.5	39.97	125.7	40.37	124.8	40.75	124.4	40.94	124.0	41.14	123.2	41.51
	-7	-7.6	131.5	40.53	130.7	40.92	129.7	41.33	129.3	41.52	128.9	41.71	125.6	40.93
	-5	-5.6	138.3	41.27	137.4	41.69	136.4	42.10	136.0	42.29	134.7	42.05	125.6	38.57
	-3	-3.7	145.2	42.01	144.2	42.43	143.2	42.85	139.1	41.37	134.7	39.70	125.6	36.43
	0	-0.7	156.2	43.19	152.6	42.43	143.6	39.31	139.1	37.77	134.7	36.26	125.6	33.32
	3	2.2	161.5	41.75	152.6	38.85	143.6	36.02	139.1	34.64	134.7	33.28	125.6	30.61
	5	4.1	152.9	35.97	143.9	33.35	134.9	30.80	130.3	29.56	125.8	28.33	116.6	25.93
	7	6	144.0	30.75	134.9	28.40	125.8	26.11	121.2	24.98	116.5	23.88	107.3	21.71
	9	7.9	134.9	26.02	125.6	23.93	116.3	21.89	111.7	20.89	107.0	19.91	97.70	17.98
	11	9.8	125.4	21.82	116.1	19.97	106.6	18.17	102.0	17.28	97.30	16.41	87.80	14.71
	13	11.8	115.5	18.04	106.2	16.43	96.70	14.85	91.90	14.08	87.10	13.32	77.40	11.83

16. ARUM380LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	105.4	14.79	95.90	13.38	86.30	12.02	81.50	11.35	76.60	10.69	66.70	9.39
110	-30	-30.2	70.70	32.95	70.20	33.23	69.70	33.49	69.50	33.63	69.20	33.76	68.70	34.02
	-24.8	-25	82.20	34.73	81.60	35.03	81.10	35.32	80.70	35.47	80.50	35.62	79.90	35.90
	-21.8	-22	89.30	35.77	88.70	36.08	88.10	36.40	87.80	36.55	87.50	36.70	87.00	37.01
	-19.8	-20	94.30	36.46	93.70	36.79	93.10	37.11	92.70	37.27	92.50	37.43	91.80	37.74
	-18.8	-19	96.90	36.81	96.20	37.14	95.60	37.48	95.20	37.64	95.00	37.79	94.40	38.12
	-16.7	-17	102.3	37.53	101.5	37.87	100.9	38.21	100.5	38.38	100.2	38.55	99.60	38.87
	-15	-15.9	105.4	37.94	104.7	38.29	104.0	38.64	103.6	38.81	103.4	38.98	102.6	39.31
	-13.7	-15	108.3	38.31	107.6	38.68	106.9	39.03	106.6	39.21	106.2	39.38	105.6	39.72
	-11.8	-13	113.8	39.01	113.0	39.38	112.2	39.74	111.8	39.92	111.6	40.09	110.8	40.44
	-9.8	-11	119.8	39.76	118.9	40.14	118.1	40.51	117.7	40.68	117.3	40.87	115.2	40.47
	-9.5	-10	122.7	40.11	121.9	40.49	121.0	40.87	120.6	41.05	120.2	41.23	115.2	39.40
	-8.5	-9.1	125.5	40.46	124.6	40.85	123.8	41.22	123.4	41.42	123.0	41.59	115.2	38.37
	-7	-7.6	130.3	41.05	129.5	41.44	128.6	41.83	127.5	41.69	123.5	40.01	115.2	36.74
	-5	-5.6	137.0	41.84	136.2	42.25	131.7	40.88	127.5	39.28	123.5	37.72	115.2	34.65
	-3	-3.7	143.8	42.62	139.9	41.65	131.7	38.60	127.5	37.11	123.5	35.63	115.2	32.76
	0	-0.7	148.2	40.86	139.9	38.03	131.7	35.28	127.5	33.93	123.5	32.60	115.2	30.00
	3	2.2	148.2	37.43	139.9	34.87	131.7	32.38	127.5	31.16	123.5	29.96	115.2	27.60
	5	4.1	140.2	32.31	131.9	30.00	123.5	27.76	119.5	26.66	115.3	25.57	106.9	23.44
	7	6	132.0	27.68	123.7	25.60	115.3	23.57	111.0	22.59	106.8	21.60	98.40	19.68
	9	7.9	123.7	23.48	115.2	21.63	106.6	19.83	102.4	18.94	98.10	18.07	89.50	16.35
	11	9.8	114.9	19.75	106.4	18.11	97.80	16.51	93.50	15.73	89.10	14.96	80.40	13.43
	13	11.8	105.9	16.39	97.30	14.96	88.60	13.56	84.20	12.87	79.80	12.20	71.00	10.87
	15	13.7	96.60	13.49	87.80	12.25	79.10	11.03	74.70	10.43	70.10	9.84	61.20	8.69
100	-30	-30.2	70.30	33.17	69.80	33.43	69.30	33.70	69.10	33.83	68.90	33.96	68.30	34.22
	-24.8	-25	81.70	35.01	81.10	35.30	80.50	35.60	80.30	35.73	80.00	35.88	79.50	36.16
	-21.8	-22	88.70	36.09	88.10	36.40	87.50	36.70	87.20	36.86	87.00	37.01	86.40	37.30
	-19.8	-20	93.70	36.81	93.00	37.14	92.40	37.46	92.10	37.61	91.80	37.77	91.20	38.07
	-18.8	-19	96.20	37.18	95.60	37.51	94.90	37.83	94.60	37.99	94.30	38.14	93.70	38.46
	-16.7	-17	101.5	37.94	100.7	38.27	100.1	38.60	99.80	38.77	99.40	38.92	98.80	39.24
	-15	-15.9	104.6	38.37	103.8	38.72	103.2	39.05	102.8	39.22	102.5	39.38	101.8	39.70
	-13.7	-15	107.4	38.77	106.7	39.12	106.1	39.47	105.8	39.64	105.4	39.81	104.7	40.09
	-11.8	-13	112.8	39.50	112.0	39.85	111.2	40.20	110.9	40.38	110.6	40.55	104.7	38.09
	-9.8	-11	118.6	40.29	117.9	40.66	117.1	41.01	115.9	40.80	112.2	39.18	104.7	36.00
	-9.5	-10	121.5	40.66	120.6	41.03	119.7	41.32	115.9	39.71	112.2	38.14	104.7	35.06
	-8.5	-9.1	124.2	41.03	123.4	41.41	119.7	40.24	115.9	38.68	112.2	37.15	104.7	34.16
	-7	-7.6	129.0	41.66	127.1	41.53	119.7	38.52	115.9	37.03	112.2	35.58	104.7	32.72
	-5	-5.6	134.7	42.05	127.1	39.15	119.7	36.31	115.9	34.93	112.2	33.56	104.7	30.89
	-3	-3.7	134.7	39.70	127.1	36.97	119.7	34.32	115.9	33.01	112.2	31.73	104.7	29.23
	0	-0.7	134.7	36.27	127.1	33.81	119.7	31.41	115.9	30.23	112.2	29.08	104.7	26.81
	3	2.2	134.7	33.28	127.1	31.05	119.7	28.88	115.9	27.81	112.2	26.76	104.7	24.70
	5	4.1	127.5	28.80	119.9	26.79	112.3	24.83	108.5	23.86	104.7	22.91	97.10	21.03
	7	6	120.1	24.72	112.5	22.91	104.7	21.13	100.9	20.27	97.10	19.40	89.50	17.71
	9	7.9	112.4	21.04	104.7	19.42	96.90	17.83	93.10	17.06	89.20	16.29	81.40	14.79
	11	9.8	104.5	17.75	96.70	16.32	88.90	14.91	84.90	14.23	81.00	13.54	73.10	12.21
	13	11.8	96.30	14.79	88.50	13.53	80.60	12.31	76.60	11.70	72.60	11.10	64.60	9.93
	15	13.7	87.80	12.24	79.80	11.13	71.90	10.07	67.80	9.55	63.80	9.02	55.60	8.00

16. ARUM380LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	69.80	33.43	69.30	33.69	68.90	33.95	68.70	34.08	68.30	34.21	67.90	34.45
	-24.8	-25	81.10	35.34	80.50	35.64	79.90	35.92	79.70	36.06	79.40	36.19	78.80	36.47
	-21.8	-22	88.00	36.47	87.40	36.77	86.80	37.08	86.50	37.23	86.20	37.37	85.70	37.66
	-19.8	-20	92.80	37.24	92.20	37.55	91.60	37.86	91.30	38.01	91.00	38.16	90.40	38.46
	-18.8	-19	95.40	37.63	94.60	37.95	94.00	38.26	93.70	38.42	93.40	38.57	92.90	38.86
	-16.7	-17	100.5	38.42	99.80	38.75	99.20	39.07	98.80	39.23	98.40	39.38	94.20	37.57
	-15	-15.9	103.6	38.88	102.8	39.22	102.2	39.55	101.8	39.70	100.9	39.57	94.20	36.38
	-13.7	-15	106.4	39.31	105.7	39.66	105.0	39.99	104.3	39.94	100.9	38.34	94.20	35.21
	-11.8	-13	111.6	40.07	110.8	40.42	107.7	39.43	104.3	37.93	100.9	36.44	94.20	33.50
	-9.8	-11	117.3	40.92	114.4	40.15	107.7	37.26	104.3	35.84	100.9	34.44	94.20	31.70
	-9.5	-10	120.0	41.31	114.4	39.08	107.7	36.28	104.3	34.90	100.9	33.54	94.20	30.89
	-8.5	-9.1	121.2	40.86	114.4	38.06	107.7	35.35	104.3	34.01	100.9	32.69	94.20	30.11
	-7	-7.6	121.2	39.12	114.4	36.45	107.7	33.85	104.3	32.58	100.9	31.33	94.20	28.86
	-5	-5.6	121.2	36.87	114.4	34.38	107.7	31.94	104.3	30.75	100.9	29.58	94.20	27.27
	-3	-3.7	121.2	34.84	114.4	32.51	107.7	30.22	104.3	29.10	100.9	27.99	94.20	25.83
	0	-0.7	121.2	31.89	114.4	29.77	107.7	27.71	104.3	26.70	100.9	25.69	94.20	23.73
	3	2.2	121.2	29.31	114.4	27.39	107.7	25.52	104.3	24.60	100.9	23.69	94.20	21.91
	5	4.1	114.7	25.43	107.9	23.70	101.1	22.00	97.70	21.16	94.30	20.34	87.40	18.71
	7	6	108.1	21.88	101.2	20.31	94.30	18.78	90.80	18.03	87.40	17.29	80.50	15.83
	9	7.9	101.1	18.68	94.20	17.29	87.20	15.91	83.80	15.25	80.30	14.57	73.30	13.26
	11	9.8	94.00	15.83	87.00	14.58	80.00	13.37	76.40	12.77	72.90	12.18	65.80	11.01
	13	11.8	86.70	13.26	79.60	12.16	72.50	11.09	68.90	10.56	65.30	10.04	58.10	9.02
	15	13.7	79.00	11.02	71.90	10.07	64.70	9.14	61.00	8.67	57.40	8.22	50.00	7.33
80	-30	-30.2	69.30	33.74	68.70	34.00	68.30	34.26	68.10	34.38	67.90	34.50	67.40	34.75
	-24.8	-25	80.30	35.75	79.70	36.04	79.20	36.32	78.90	36.45	78.60	36.58	78.20	36.85
	-21.8	-22	87.00	36.95	86.40	37.25	85.90	37.53	85.60	37.67	85.30	37.82	83.80	37.44
	-19.8	-20	91.80	37.75	91.20	38.06	90.60	38.36	90.30	38.51	89.70	38.49	83.80	35.43
	-18.8	-19	94.20	38.17	93.60	38.48	93.00	38.78	92.70	38.93	89.70	37.45	83.80	34.48
	-16.7	-17	99.20	39.01	98.60	39.33	95.80	38.29	92.70	36.85	89.70	35.43	83.80	32.62
	-15	-15.9	102.2	39.51	101.6	39.83	95.80	37.08	92.70	35.68	89.70	34.29	83.80	31.57
	-13.7	-15	105.0	39.97	101.7	38.69	95.80	35.90	92.70	34.53	89.70	33.17	83.80	30.53
	-11.8	-13	107.7	39.44	101.7	36.77	95.80	34.15	92.70	32.86	89.70	31.60	83.80	29.09
	-9.8	-11	107.7	37.26	101.7	34.75	95.80	32.31	92.70	31.11	89.70	29.92	83.80	27.60
	-9.5	-10	107.7	36.28	101.7	33.84	95.80	31.47	92.70	30.31	89.70	29.16	83.80	26.91
	-8.5	-9.1	107.7	35.35	101.7	32.98	95.80	30.68	92.70	29.55	89.70	28.43	83.80	26.23
	-7	-7.6	107.7	33.85	101.7	31.60	95.80	29.40	92.70	28.33	89.70	27.26	83.80	25.16
	-5	-5.6	107.7	31.94	101.7	29.84	95.80	27.78	92.70	26.77	89.70	25.77	83.80	23.80
	-3	-3.7	107.7	30.22	101.7	28.24	95.80	26.30	92.70	25.36	89.70	24.42	83.80	22.58
	0	-0.7	107.7	27.71	101.7	25.92	95.80	24.17	92.70	23.31	89.70	22.46	83.80	20.79
	3	2.2	107.7	25.52	101.7	23.89	95.80	22.31	92.70	21.52	89.70	20.74	83.80	19.23
	5	4.1	102.0	22.21	95.90	20.73	89.90	19.28	86.80	18.57	83.80	17.86	77.70	16.47
	7	6	96.00	19.17	89.90	17.84	83.80	16.53	80.80	15.88	77.70	15.24	71.50	14.00
	9	7.9	89.90	16.43	83.80	15.23	77.50	14.06	74.50	13.49	71.40	12.91	65.10	11.79
	11	9.8	83.60	13.98	77.30	12.92	71.10	11.88	68.00	11.36	64.80	10.86	58.50	9.85
	13	11.8	77.00	11.77	70.70	10.83	64.40	9.92	61.20	9.47	58.10	9.02	51.60	8.13
	15	13.7	70.30	9.85	63.90	9.03	57.50	8.23	54.30	7.84	51.10	7.44	44.50	6.67
70	-30	-30.2	68.50	34.15	68.10	34.39	67.60	34.64	67.40	34.76	67.20	34.89	66.70	35.11

16. ARUM380LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	79.20	36.27	78.80	36.54	78.20	36.80	78.00	36.93	77.80	37.06	73.30	34.68
	-21.8	-22	85.90	37.54	85.30	37.82	83.80	37.44	81.10	36.04	78.50	34.66	73.30	31.96
	-19.8	-20	90.60	38.40	89.10	38.12	83.80	35.43	81.10	34.12	78.50	32.82	73.30	30.27
	-18.8	-19	92.90	38.84	89.10	37.07	83.80	34.48	81.10	33.20	78.50	31.94	73.30	29.46
	-16.7	-17	94.20	37.57	89.10	35.07	83.80	32.62	81.10	31.43	78.50	30.24	73.30	27.91
	-15	-15.9	94.20	36.38	89.10	33.95	83.80	31.57	81.10	30.40	78.50	29.24	73.30	26.96
	-13.7	-15	94.20	35.22	89.10	32.84	83.80	30.54	81.10	29.40	78.50	28.28	73.30	26.08
	-11.8	-13	94.20	33.50	89.10	31.27	83.80	29.09	81.10	28.00	78.50	26.95	73.30	24.86
	-9.8	-11	94.20	31.71	89.10	29.63	83.80	27.60	81.10	26.59	78.50	25.60	73.30	23.64
	-9.5	-10	94.20	30.89	89.10	28.87	83.80	26.91	81.10	25.94	78.50	24.97	73.30	23.10
	-8.5	-9.1	94.20	30.11	89.10	28.15	83.80	26.23	81.10	25.29	78.50	24.36	73.30	22.53
	-7	-7.6	94.20	28.86	89.10	27.00	83.80	25.16	81.10	24.27	78.50	23.38	73.30	21.63
	-5	-5.6	94.20	27.27	89.10	25.52	83.80	23.81	81.10	22.97	78.50	22.14	73.30	20.50
	-3	-3.7	94.20	25.83	89.10	24.19	83.80	22.58	81.10	21.79	78.50	21.01	73.30	19.46
	0	-0.7	94.20	23.73	89.10	22.25	83.80	20.79	81.10	20.07	78.50	19.36	73.30	17.96
	3	2.2	94.20	21.91	89.10	20.55	83.80	19.23	81.10	18.58	78.50	17.93	73.30	16.65
	5	4.1	89.30	19.13	84.00	17.89	78.70	16.67	76.00	16.08	73.30	15.49	68.00	14.33
	7	6	84.00	16.57	78.70	15.46	73.30	14.36	70.70	13.82	68.00	13.29	62.50	12.24
	9	7.9	78.70	14.28	73.30	13.27	67.90	12.29	65.20	11.81	62.50	11.32	57.00	10.38
	11	9.8	73.10	12.21	67.70	11.32	62.30	10.44	59.50	10.01	56.80	9.58	51.10	8.73
	13	11.8	67.40	10.34	61.90	9.56	56.40	8.79	53.60	8.40	50.80	8.03	45.20	7.28
	15	13.7	61.50	8.73	55.90	8.04	50.30	7.35	47.50	7.02	44.70	6.70	38.90	6.04
60	-30	-30.2	67.50	34.66	67.10	34.91	66.70	35.13	66.40	35.26	66.20	35.37	62.90	33.36
	-24.8	-25	78.00	36.93	76.30	36.36	71.80	33.84	69.60	32.61	67.30	31.39	62.90	28.98
	-21.8	-22	80.80	35.84	76.30	33.49	71.80	31.20	69.60	30.06	67.30	28.95	62.90	26.74
	-19.8	-20	80.80	33.94	76.30	31.72	71.80	29.55	69.60	28.49	67.30	27.44	62.90	25.36
	-18.8	-19	80.80	33.02	76.30	30.87	71.80	28.77	69.60	27.73	67.30	26.71	62.90	24.69
	-16.7	-17	80.80	31.25	76.30	29.23	71.80	27.25	69.60	26.27	67.30	25.31	62.90	23.42
	-15	-15.9	80.80	30.23	76.30	28.26	71.80	26.33	69.60	25.38	67.30	24.44	62.90	22.59
	-13.7	-15	80.80	29.25	76.30	27.34	71.80	25.47	69.60	24.56	67.30	23.65	62.90	21.88
	-11.8	-13	80.80	27.85	76.30	26.04	71.80	24.28	69.60	23.41	67.30	22.55	62.90	20.86
	-9.8	-11	80.80	26.45	76.30	24.76	71.80	23.08	69.60	22.26	67.30	21.45	62.90	19.85
	-9.5	-10	80.80	25.79	76.30	24.16	71.80	22.57	69.60	21.78	67.30	21.00	62.90	19.47
	-8.5	-9.1	80.80	25.16	76.30	23.57	71.80	22.02	69.60	21.25	67.30	20.50	62.90	19.01
	-7	-7.6	80.80	24.14	76.30	22.63	71.80	21.15	69.60	20.42	67.30	19.70	62.90	18.27
	-5	-5.6	80.80	22.84	76.30	21.43	71.80	20.04	69.60	19.35	67.30	18.68	62.90	17.34
	-3	-3.7	80.80	21.68	76.30	20.34	71.80	19.03	69.60	18.39	67.30	17.75	62.90	16.49
	0	-0.7	80.80	19.97	76.30	18.76	71.80	17.57	69.60	16.98	67.30	16.40	62.90	15.26
	3	2.2	80.80	18.48	76.30	17.38	71.80	16.29	69.60	15.76	67.30	15.23	62.90	14.19
	5	4.1	76.40	16.19	72.00	15.18	67.40	14.19	65.20	13.70	62.90	13.23	58.30	12.27
	7	6	72.00	14.09	67.50	13.18	62.90	12.29	60.60	11.85	58.30	11.42	53.60	10.55
	9	7.9	67.40	12.21	62.90	11.39	58.20	10.58	55.90	10.19	53.60	9.79	48.80	9.02
	11	9.8	62.70	10.52	58.00	9.78	53.40	9.07	50.90	8.71	48.60	8.36	43.90	7.67
	13	11.8	57.80	8.98	53.00	8.33	48.30	7.69	46.00	7.38	43.50	7.07	38.70	6.45
	15	13.7	52.70	7.64	47.90	7.07	43.10	6.51	40.70	6.24	38.20	5.97	33.40	5.43
50	-30	-30.2	66.20	35.35	63.60	33.83	59.80	31.53	58.00	30.40	56.10	29.27	52.40	27.07
	-24.8	-25	67.30	31.39	63.60	29.38	59.80	27.41	58.00	26.44	56.10	25.48	52.40	23.59

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	67.30	28.95	63.60	27.11	59.80	25.31	58.00	24.42	56.10	23.55	52.40	21.82
	-19.8	-20	67.30	27.44	63.60	25.70	59.80	24.00	58.00	23.17	56.10	22.35	52.40	20.71
	-18.8	-19	67.30	26.71	63.60	25.03	59.80	23.38	58.00	22.57	56.10	21.77	52.40	20.18
	-16.7	-17	67.30	25.31	63.60	23.73	59.80	22.18	58.00	21.41	56.10	20.66	52.40	19.17
	-15	-15.9	67.30	24.44	63.60	22.90	59.80	21.40	58.00	20.65	56.10	19.92	52.40	18.48
	-13.7	-15	67.30	23.65	63.60	22.16	59.80	20.71	58.00	20.00	56.10	19.29	52.40	17.89
	-11.8	-13	67.30	22.55	63.60	21.14	59.80	19.76	58.00	19.08	56.10	18.41	52.40	17.09
	-9.8	-11	67.30	21.45	63.60	20.12	59.80	18.81	58.00	18.17	56.10	17.53	52.40	16.28
	-9.5	-10	67.30	21.00	63.60	19.72	59.80	18.47	58.00	17.85	56.10	17.24	52.40	16.03
	-8.5	-9.1	67.30	20.50	63.60	19.26	59.80	18.03	58.00	17.44	56.10	16.84	52.40	15.66
	-7	-7.6	67.30	19.70	63.60	18.51	59.80	17.34	58.00	16.77	56.10	16.21	52.40	15.08
	-5	-5.6	67.30	18.68	63.60	17.57	59.80	16.46	58.00	15.93	56.10	15.39	52.40	14.34
	-3	-3.7	67.30	17.75	63.60	16.71	59.80	15.68	58.00	15.16	56.10	14.66	52.40	13.67
	0	-0.7	67.30	16.40	63.60	15.45	59.80	14.51	58.00	14.05	56.10	13.60	52.40	12.69
	3	2.2	67.30	15.24	63.60	14.36	59.80	13.50	58.00	13.08	56.10	12.66	52.40	11.84
	5	4.1	63.70	13.41	60.00	12.61	56.20	11.83	54.30	11.45	52.40	11.06	48.60	10.31
	7	6	60.00	11.75	56.20	11.03	52.40	10.32	50.50	9.97	48.60	9.62	44.70	8.93
	9	7.9	56.20	10.24	52.40	9.60	48.50	8.96	46.50	8.65	44.60	8.33	40.70	7.71
	11	9.8	52.20	8.90	48.40	8.32	44.50	7.74	42.50	7.46	40.50	7.18	36.50	6.63
	13	11.8	48.10	7.67	44.20	7.16	40.30	6.66	38.20	6.40	36.30	6.15	32.30	5.67
	15	13.7	43.90	6.61	39.90	6.16	35.90	5.71	34.00	5.49	31.90	5.26	27.80	4.83

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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16.5 Capacity Correction Factor

16.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
-60	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-50	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-40	-	-	-	-	94.0	93.0	92.0	91.0	90.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-20	-	-	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
30	-	-	-	97.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
50	-	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
60	-	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	79.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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16.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

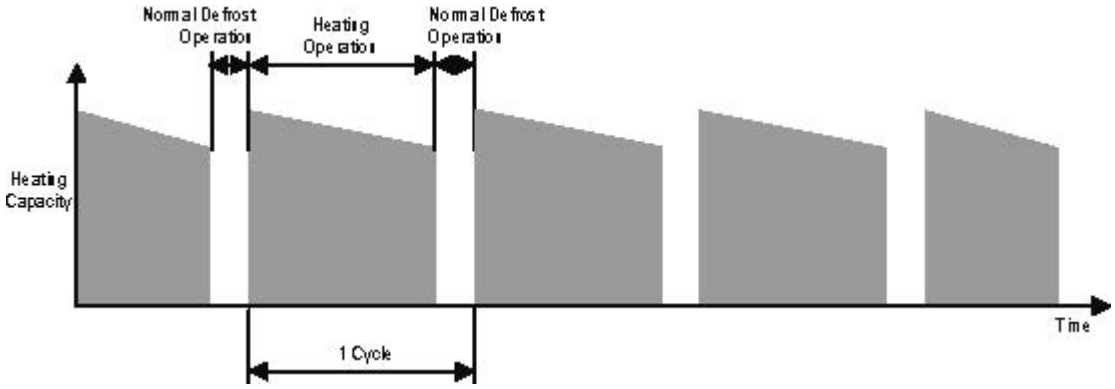
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

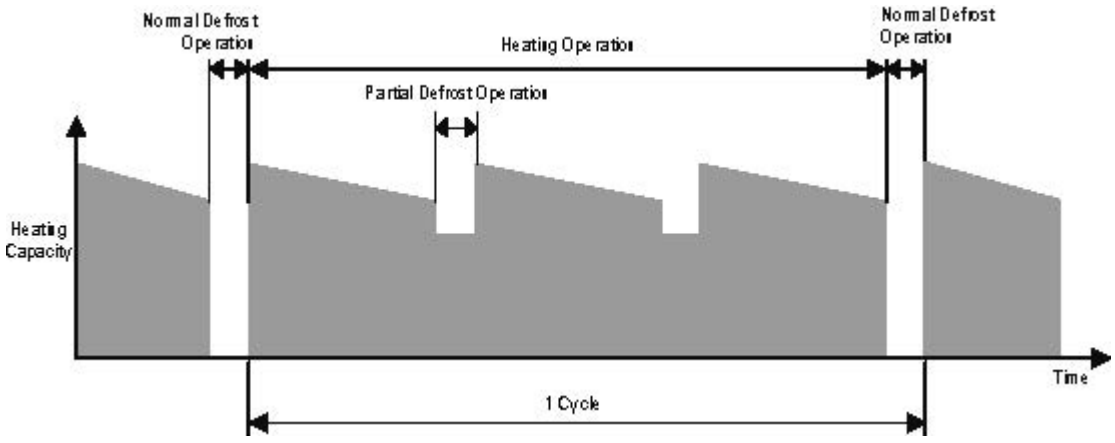
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



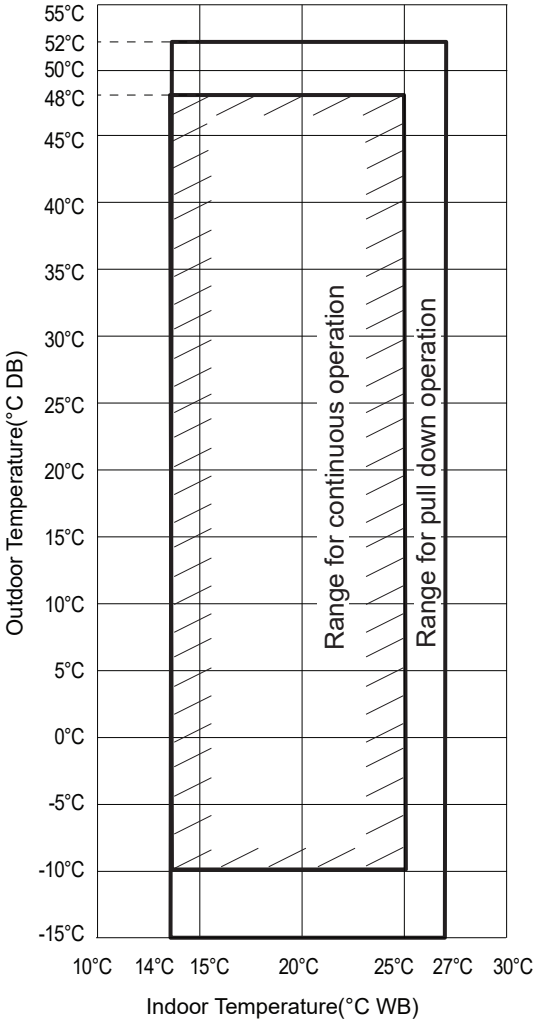
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

16.6 Operation Limits

16.6.1 Cooling

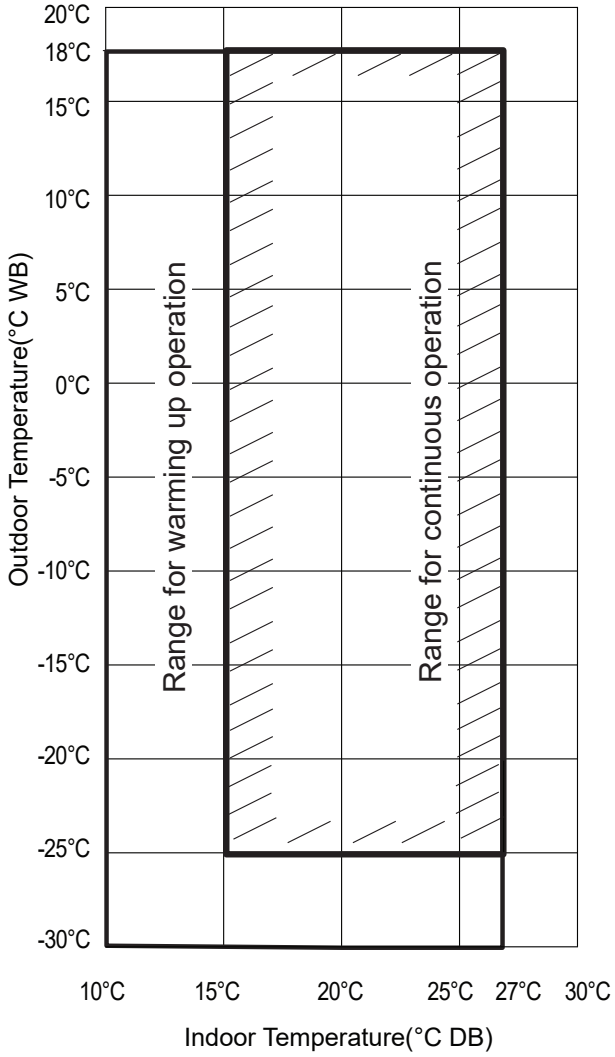


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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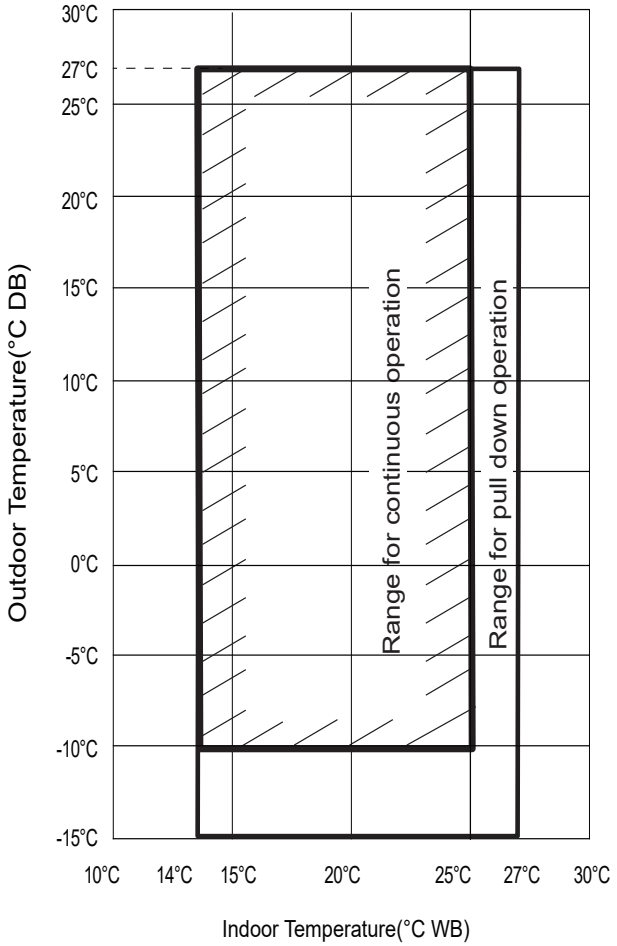
16.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

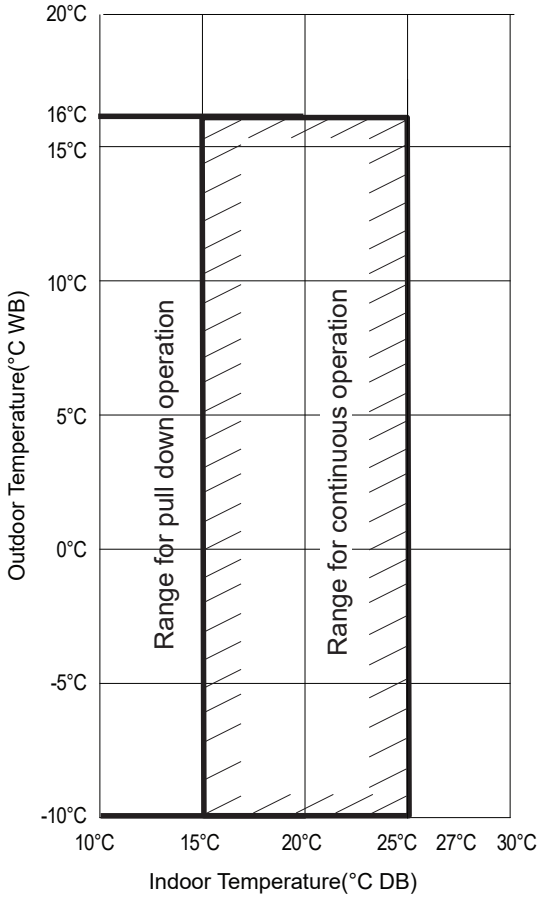
16.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

16.6.4 Simultaneous Operation (Heating)



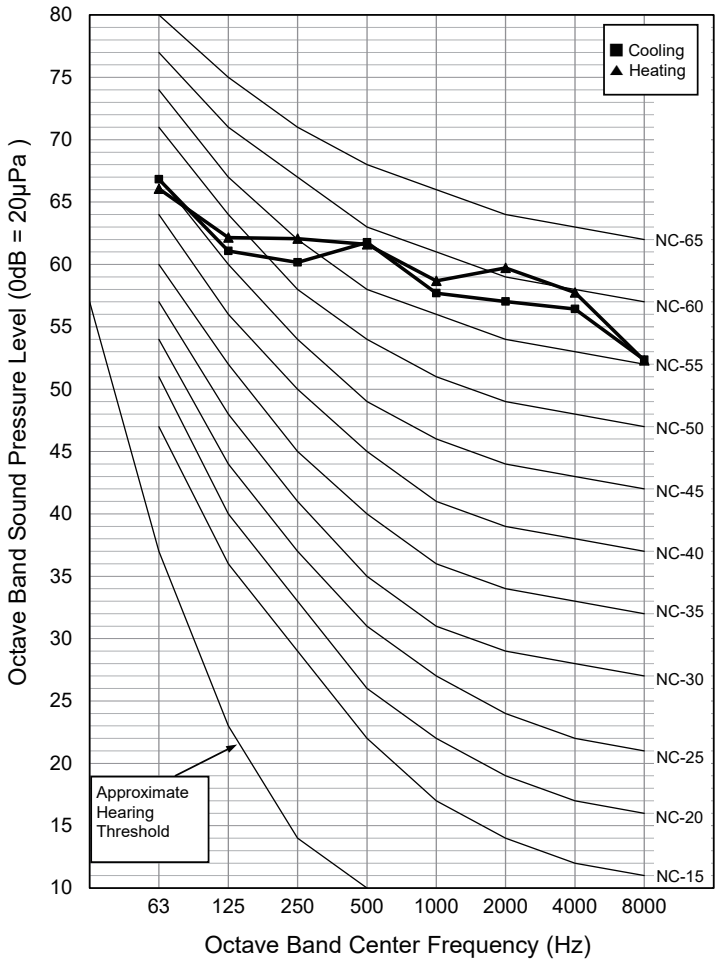
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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16.7 Sound Levels

16.7.1 Pressure Levels



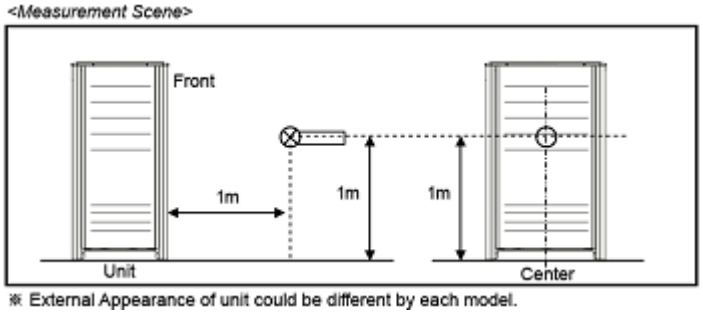
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	66.8	61.1	60.2	61.8	57.7	57.0	56.4	52.4
Heating[dB]	66.1	62.2	62.1	61.6	58.7	59.7	57.7	52.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	64.5 / 65.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

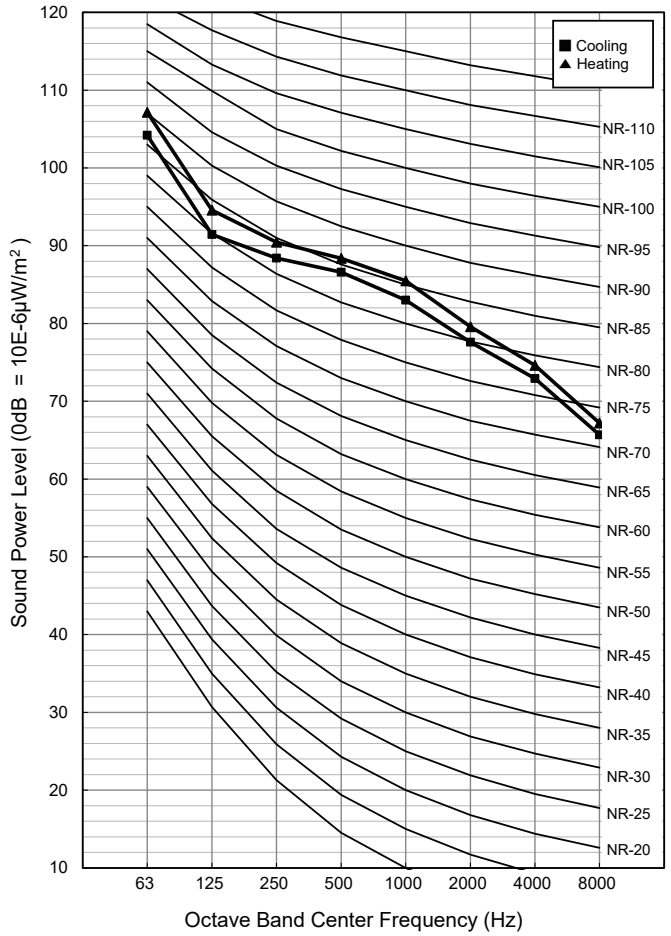
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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16.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	104.2	91.4	88.4	86.6	83.0	77.6	72.9	65.7
Heating[dB]	107.2	94.6	90.5	88.4	85.5	79.6	74.6	67.2

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	88.5 / 90.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

17. ARUM400LTE6

17.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	57.31 - 54.44 - 52.48
	Running Current by Voltage (Heating,Rated)	A	41.3 - 39.23 - 37.82
Cooling Capacity	Rated	kW	112.0
		Btu/h	382,200
Heating Capacity	Rated	kW	112.0
		Btu/h	382,200
	Max	kW	126.0
		Btu/h	429,900
Power Input(Cooling)	Rated	kW	35.08
Power Input(Heating)	Rated	kW	25.28
Efficiency	EER(Rated)	W/W	3.19
	COP(Rated)	W/W	4.43
	SEER	Wh/Wh	8.42
	SCOP	Wh/Wh	5.13
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 4
	Number of Revolution	rev./min	3,600 x 4
	Motor Output	W x No.	5,300 x 4
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	2
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 2
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 2
Weight	Net	kg	(300 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

17. ARUM400LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	32.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	66.800
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	65.0 / 66.5
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	89.0 / 92.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	94.5
	Maximum Fuse Amperes (MFA)	A	125
	Total Over Current Amperes (TOCA)	A	104.0
	Comp_Maximum Starting Current (MSC)	A	23.6
	Comp_Rated Load Amperes (Cooling)	A	52.3
	Comp_Rated Load Amperes (Heating)	A	36.3
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	5.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

17. ARUM400LTE6

17.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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17.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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17.4 Capacity Tables

17.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	87.40	8.82	110.4	12.24	135.2	17.78	145.6	20.80	157.2	24.76	167.2	28.02	175.0	30.50
	12	87.40	9.64	110.4	13.52	135.2	19.62	145.6	22.90	157.2	27.16	167.2	30.40	175.0	32.96
	14	87.40	10.56	110.4	14.92	135.2	21.64	145.6	25.20	157.2	29.72	167.2	33.00	175.0	35.62
	16	87.40	11.58	110.4	16.48	135.2	23.86	145.6	27.72	157.2	32.38	167.2	35.78	175.0	38.50
	18	87.40	12.72	110.4	18.20	135.2	26.28	145.6	30.48	157.2	35.24	167.2	38.48	175.0	40.70
	20	87.40	13.98	110.4	20.06	135.2	28.94	145.6	33.38	157.2	37.40	167.2	40.32	175.0	42.54
	21	87.40	14.66	110.4	21.08	135.2	30.28	145.6	34.38	157.2	38.34	167.2	41.28	175.0	43.50
	23	87.40	16.14	110.4	23.22	135.2	32.22	145.6	36.54	157.2	40.32	167.2	43.32	175.0	45.58
	25	87.40	17.74	110.4	24.94	135.2	34.28	145.6	38.72	157.2	42.44	167.2	45.54	175.0	47.86
	27	87.40	19.16	110.4	26.58	135.2	36.52	145.6	40.86	157.2	44.74	167.2	47.96	175.0	50.40
	29	87.40	20.44	110.4	28.34	135.2	38.92	145.6	43.16	157.2	47.22	167.2	50.62	175.0	53.22
	31	87.40	21.80	110.4	30.22	135.2	41.56	145.6	45.64	157.2	49.94	167.2	53.62	175.0	56.46
	33	87.40	23.26	110.4	32.24	135.2	44.28	145.6	48.32	157.2	52.96	165.4	56.26	165.4	56.28
	35	87.40	24.80	110.4	34.40	135.2	46.92	145.6	51.26	154.6	55.20	154.6	55.22	154.6	55.22
	37	87.40	26.46	110.4	36.74	135.2	49.80	144.0	53.86	144.2	53.90	144.0	53.88	144.0	53.86
	39	87.40	28.22	110.4	39.26	133.8	52.32	133.6	52.28	133.6	52.24	133.6	52.28	133.6	52.28
	41	87.40	30.10	110.4	42.02	123.8	50.60	123.6	50.58	123.6	50.54	123.4	50.48	123.6	50.58
	43	87.40	32.14	110.4	45.06	114.0	47.44	113.8	47.44	113.8	47.38	113.8	47.44	113.6	47.34
	46	87.40	35.46	100.2	43.02	100.0	42.98	100.0	43.02	100.0	42.96	99.80	42.90	100.0	43.00
	48	87.40	37.92	91.40	40.30	91.20	40.26	91.20	40.24	91.40	40.34	91.20	40.32	91.20	40.28
	50	83.40	37.98	83.20	37.92	83.00	37.84	83.00	37.90	83.00	37.84	82.80	37.80	82.80	37.80
	52	73.60	33.10	74.60	31.44	75.20	29.78	75.20	29.42	75.20	29.04	75.20	28.70	75.20	28.48
120	10	80.80	8.08	102.0	10.80	124.8	15.18	134.4	17.56	145.2	20.68	154.4	23.72	161.6	26.28
	12	80.80	8.78	102.0	11.90	124.8	16.78	134.4	19.40	145.2	22.78	154.4	26.06	161.6	28.60
	14	80.80	9.58	102.0	13.12	124.8	18.54	134.4	21.40	145.2	25.06	154.4	28.60	161.6	31.12
	16	80.80	10.46	102.0	14.46	124.8	20.46	134.4	23.58	145.2	27.56	154.4	31.38	161.6	33.84
	18	80.80	11.46	102.0	15.96	124.8	22.58	134.4	25.98	145.2	30.32	154.4	34.22	161.6	36.78
	20	80.80	12.56	102.0	17.60	124.8	24.88	134.4	28.62	145.2	33.22	154.4	36.52	161.6	38.66
	21	80.80	13.14	102.0	18.48	124.8	26.12	134.4	29.98	145.2	34.22	154.4	37.46	161.6	39.62
	23	80.80	14.44	102.0	20.36	124.8	28.26	134.4	31.90	145.2	36.38	154.4	39.44	161.6	41.64
	25	80.80	15.86	102.0	22.18	124.8	30.10	134.4	33.96	145.2	38.60	154.4	41.54	161.6	43.80
	27	80.80	17.30	102.0	23.66	124.8	32.06	134.4	36.16	145.2	40.74	154.4	43.78	161.6	46.14
	29	80.80	18.44	102.0	25.22	124.8	34.18	134.4	38.54	145.2	43.02	154.4	46.22	161.6	48.70
	31	80.80	19.66	102.0	26.90	124.8	36.46	134.4	41.14	145.2	45.48	154.4	48.88	161.6	51.52
	33	80.80	20.96	102.0	28.68	124.8	38.92	134.4	43.96	145.2	48.16	154.4	51.80	161.6	54.70
	35	80.80	22.36	102.0	30.60	124.8	41.60	134.4	46.58	145.2	51.10	154.4	55.08	154.8	55.28
	37	80.80	23.86	102.0	32.66	124.8	44.54	134.4	49.44	144.2	53.90	144.2	53.90	144.0	53.86
	39	80.80	25.44	102.0	34.86	124.8	47.82	133.8	52.34	133.8	52.30	133.6	52.30	133.6	52.26
	41	80.80	27.14	102.0	37.24	123.8	50.60	123.6	50.56	123.6	50.52	123.4	50.50	123.4	50.50
	43	80.80	28.96	102.0	39.84	114.0	47.48	114.0	47.44	113.8	47.38	113.8	47.40	113.8	47.44
	46	80.80	31.94	100.2	43.08	100.0	42.94	100.0	42.94	100.0	42.98	100.0	42.96	100.0	42.94
	48	80.80	34.10	91.40	40.28	91.40	40.32	91.40	40.36	91.20	40.30	91.20	40.28	91.20	40.22
	50	80.80	36.44	83.20	37.88	83.00	37.90	83.00	37.90	83.00	37.90	83.00	37.90	83.00	37.80
	52	73.40	33.76	74.20	32.12	75.20	30.46	75.20	30.14	75.20	29.76	75.20	29.46	75.20	29.30
110	10	74.00	7.46	93.40	9.58	114.4	12.98	123.2	14.82	133.0	17.22	141.4	19.56	148.0	21.60
	12	74.00	8.04	93.40	10.50	114.4	14.34	123.2	16.38	133.0	19.02	141.4	21.58	148.0	23.78
	14	74.00	8.72	93.40	11.54	114.4	15.84	123.2	18.10	133.0	20.98	141.4	23.76	148.0	26.14

17. ARUM400LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	74.00	9.46	93.40	12.70	114.4	17.50	123.2	19.98	133.0	23.14	141.4	26.16	148.0	28.74
	18	74.00	10.32	93.40	13.98	114.4	19.32	123.2	22.04	133.0	25.50	141.4	28.78	148.0	31.58
	20	74.00	11.26	93.40	15.38	114.4	21.30	123.2	24.30	133.0	28.08	141.4	31.66	148.0	34.40
	21	74.00	11.78	93.40	16.14	114.4	22.36	123.2	25.52	133.0	29.46	141.4	32.74	148.0	35.46
	23	74.00	12.90	93.40	17.78	114.4	24.66	123.2	27.68	133.0	31.40	141.4	34.80	148.0	37.50
	25	74.00	14.14	93.40	19.58	114.4	26.28	123.2	29.50	133.0	33.42	141.4	37.04	148.0	39.54
	27	74.00	15.50	93.40	20.94	114.4	28.02	123.2	31.42	133.0	35.58	141.4	39.44	148.0	41.72
	29	74.00	16.58	93.40	22.34	114.4	29.86	123.2	33.48	133.0	37.94	141.4	41.74	148.0	44.04
	31	74.00	17.66	93.40	23.82	114.4	31.84	123.2	35.72	133.0	40.48	141.4	44.14	148.0	46.58
	33	74.00	18.84	93.40	25.40	114.4	33.96	123.2	38.12	133.0	43.28	141.4	46.74	148.0	49.32
	35	74.00	20.08	93.40	27.10	114.4	36.26	123.2	40.74	133.0	46.06	141.4	49.56	148.0	52.34
	37	74.00	21.42	93.40	28.90	114.4	38.74	123.2	43.60	133.0	48.86	141.4	52.66	144.0	53.84
	39	74.00	22.86	93.40	30.84	114.4	41.44	123.2	46.78	133.0	51.94	133.6	52.26	133.8	52.30
	41	74.00	24.38	93.40	32.92	114.4	44.42	123.2	50.30	123.8	50.60	123.6	50.58	123.6	50.58
	43	74.00	26.02	93.40	35.16	114.0	47.40	114.0	47.50	114.0	47.46	113.8	47.40	113.8	47.40
	46	74.00	28.68	93.40	38.86	100.0	43.00	100.0	42.98	100.0	43.02	100.0	43.02	99.80	42.90
	48	74.00	30.60	91.40	40.34	91.40	40.36	91.40	40.36	91.40	40.32	91.20	40.32	91.20	40.30
	50	74.00	32.66	83.20	37.96	83.00	37.86	83.00	37.90	83.00	37.84	83.00	37.82	83.00	37.86
	52	73.00	34.14	73.60	32.94	74.80	31.28	75.00	30.96	75.20	30.62	74.80	30.34	75.20	29.92
100	10	67.20	6.90	85.00	8.54	104.0	11.12	112.0	12.52	121.0	14.32	128.6	16.10	134.6	17.64
	12	67.20	7.40	85.00	9.32	104.0	12.26	112.0	13.82	121.0	15.84	128.6	17.80	134.6	19.48
	14	67.20	7.96	85.00	10.18	104.0	13.52	112.0	15.28	121.0	17.50	128.6	19.64	134.6	21.48
	16	67.20	8.60	85.00	11.14	104.0	14.92	112.0	16.86	121.0	19.34	128.6	21.68	134.6	23.68
	18	67.20	9.30	85.00	12.22	104.0	16.46	112.0	18.62	121.0	21.34	128.6	23.90	134.6	26.10
	20	67.20	10.12	85.00	13.44	104.0	18.16	112.0	20.54	121.0	23.52	128.6	26.34	134.6	28.72
	21	67.20	10.54	85.00	14.08	104.0	19.06	112.0	21.56	121.0	24.70	128.6	27.64	134.6	30.10
	23	67.20	11.50	85.00	15.48	104.0	21.02	112.0	23.78	121.0	26.92	128.6	29.70	134.6	32.00
	25	67.20	12.58	85.00	17.02	104.0	22.82	112.0	25.46	121.0	28.66	128.6	31.62	134.6	34.06
	27	67.20	13.76	85.00	18.46	104.0	24.32	112.0	27.14	121.0	30.54	128.6	33.68	134.6	36.28
	29	67.20	14.84	85.00	19.68	104.0	25.94	112.0	28.92	121.0	32.56	128.6	35.90	134.6	38.68
	31	67.20	15.80	85.00	20.98	104.0	27.66	112.0	30.84	121.0	34.72	128.6	38.30	134.6	41.28
	33	67.20	16.84	85.00	22.38	104.0	29.50	112.0	32.90	121.0	37.04	128.6	40.90	134.6	44.08
	35	67.20	17.96	85.00	23.88	104.0	31.46	112.0	35.12	121.0	39.58	128.6	43.76	134.6	46.70
	37	67.20	19.14	85.00	25.46	104.0	33.58	112.0	37.50	121.0	42.34	128.6	46.92	134.6	49.56
	39	67.20	20.42	85.00	27.16	104.0	35.86	112.0	40.10	121.0	45.38	128.6	49.84	133.8	52.34
	41	67.20	21.80	85.00	28.98	104.0	38.32	112.0	42.94	121.0	48.76	123.6	50.56	123.8	50.60
	43	67.20	23.26	85.00	30.92	104.0	41.02	112.0	46.08	113.8	47.40	114.0	47.50	114.0	47.50
	46	67.20	25.64	85.00	34.12	100.0	42.98	100.2	43.00	100.2	43.02	100.2	43.04	100.0	42.94
	48	67.20	27.36	85.00	36.44	91.60	40.40	91.40	40.38	91.40	40.34	91.40	40.34	91.40	40.36
	50	67.20	29.20	83.20	37.88	83.20	37.88	83.20	37.88	83.00	37.84	83.00	37.84	83.00	37.84
	52	67.20	31.16	73.40	33.38	74.00	32.22	74.40	31.72	74.80	31.20	75.20	30.70	75.20	30.30
90	10	60.60	6.44	76.40	7.68	93.60	9.58	100.8	10.62	108.8	11.96	115.8	13.24	121.2	14.38
	12	60.60	6.84	76.40	8.30	93.60	10.52	100.8	11.70	108.8	13.20	115.8	14.64	121.2	15.90
	14	60.60	7.30	76.40	9.02	93.60	11.56	100.8	12.88	108.8	14.58	115.8	16.18	121.2	17.56
	16	60.60	7.82	76.40	9.82	93.60	12.72	100.8	14.20	108.8	16.08	115.8	17.88	121.2	19.40
	18	60.60	8.42	76.40	10.72	93.60	14.00	100.8	15.66	108.8	17.76	115.8	19.72	121.2	21.40
	20	60.60	9.08	76.40	11.72	93.60	15.42	100.8	17.26	108.8	19.58	115.8	21.76	121.2	23.60
	21	60.60	9.46	76.40	12.26	93.60	16.18	100.8	18.14	108.8	20.56	115.8	22.86	121.2	24.78
	23	60.60	10.26	76.40	13.44	93.60	17.82	100.8	19.98	108.8	22.68	115.8	25.14	121.2	26.98
	25	60.60	11.16	76.40	14.74	93.60	19.62	100.8	21.82	108.8	24.40	115.8	26.78	121.2	28.74
	27	60.60	12.18	76.40	16.18	93.60	20.98	100.8	23.26	108.8	26.02	115.8	28.54	121.2	30.62

17. ARUM400LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	60.60	13.24	76.40	17.24	93.60	22.38	100.8	24.80	108.8	27.74	115.8	30.42	121.2	32.64
	31	60.60	14.08	76.40	18.38	93.60	23.86	100.8	26.46	108.8	29.58	115.8	32.44	121.2	34.82
	33	60.60	14.98	76.40	19.60	93.60	25.44	100.8	28.22	108.8	31.56	115.8	34.60	121.2	37.16
	35	60.60	15.96	76.40	20.90	93.60	27.14	100.8	30.10	108.8	33.66	115.8	36.94	121.2	39.68
	37	60.60	17.02	76.40	22.28	93.60	28.96	100.8	32.10	108.8	35.94	115.8	39.48	121.2	42.46
	39	60.60	18.16	76.40	23.78	93.60	30.90	100.8	34.28	108.8	38.40	115.8	42.26	121.2	45.52
	41	60.60	19.38	76.40	25.36	93.60	32.98	100.8	36.62	108.8	41.10	115.8	45.30	121.2	48.92
	43	60.60	20.68	76.40	27.06	93.60	35.22	100.8	39.14	108.8	44.04	114.0	47.46	114.0	47.46
	46	60.60	22.80	76.40	29.82	93.60	38.92	100.2	43.06	100.2	43.02	100.0	43.00	100.2	43.04
	48	60.60	24.34	76.40	31.84	91.60	40.40	91.40	40.36	91.40	40.34	91.40	40.32	91.40	40.34
	50	60.60	25.98	76.40	34.00	83.20	37.96	83.20	37.96	83.20	37.92	83.20	37.92	83.20	37.90
	52	60.60	27.74	73.00	33.94	73.80	32.70	74.20	32.20	74.60	31.66	74.80	31.16	75.20	30.78
80	10	53.80	5.90	68.00	6.96	83.20	8.34	89.60	9.08	96.80	10.02	102.8	10.94	107.8	11.74
	12	53.80	6.38	68.00	7.46	83.20	9.08	89.60	9.94	96.80	11.02	102.8	12.06	107.8	12.96
	14	53.80	6.74	68.00	8.02	83.20	9.92	89.60	10.90	96.80	12.12	102.8	13.30	107.8	14.32
	16	53.80	7.16	68.00	8.68	83.20	10.86	89.60	11.96	96.80	13.36	102.8	14.68	107.8	15.80
	18	53.80	7.64	68.00	9.40	83.20	11.90	89.60	13.14	96.80	14.72	102.8	16.20	107.8	17.44
	20	53.80	8.18	68.00	10.22	83.20	13.04	89.60	14.46	96.80	16.22	102.8	17.86	107.8	19.24
	21	53.80	8.48	68.00	10.66	83.20	13.68	89.60	15.16	96.80	17.02	102.8	18.74	107.8	20.20
	23	53.80	9.16	68.00	11.64	83.20	15.02	89.60	16.70	96.80	18.76	102.8	20.66	107.8	22.26
	25	53.80	9.90	68.00	12.72	83.20	16.52	89.60	18.38	96.80	20.60	102.8	22.48	107.8	24.02
	27	53.80	10.76	68.00	13.92	83.20	17.96	89.60	19.78	96.80	21.98	102.8	23.98	107.8	25.62
	29	53.80	11.72	68.00	15.00	83.20	19.14	89.60	21.10	96.80	23.44	102.8	25.56	107.8	27.32
	31	53.80	12.48	68.00	15.98	83.20	20.42	89.60	22.50	96.80	25.00	102.8	27.26	107.8	29.12
	33	53.80	13.26	68.00	17.04	83.20	21.78	89.60	24.00	96.80	26.66	102.8	29.08	107.8	31.06
	35	53.80	14.12	68.00	18.16	83.20	23.22	89.60	25.58	96.80	28.44	102.8	31.00	107.8	33.14
	37	53.80	15.04	68.00	19.36	83.20	24.78	89.60	27.30	96.80	30.32	102.8	33.08	107.8	35.38
	39	53.80	16.04	68.00	20.66	83.20	26.42	89.60	29.12	96.80	32.36	102.8	35.34	107.8	37.80
	41	53.80	17.12	68.00	22.04	83.20	28.20	89.60	31.08	96.80	34.56	102.8	37.76	107.8	40.42
	43	53.80	18.28	68.00	23.52	83.20	30.08	89.60	33.16	96.80	36.92	102.8	40.38	107.8	43.30
	46	53.80	20.16	68.00	25.94	83.20	33.18	89.60	36.62	96.80	40.86	100.0	42.96	100.0	42.98
	48	53.80	21.54	68.00	27.68	83.20	35.44	89.60	39.16	91.40	40.34	91.40	40.30	91.40	40.30
	50	53.80	23.00	68.00	29.54	83.20	37.88	83.20	37.94	83.20	37.92	83.20	37.88	83.00	37.88
	52	53.80	24.56	68.00	31.52	73.40	33.36	73.80	32.84	74.20	32.28	74.40	31.76	74.80	31.38
70	10	47.20	4.88	59.40	6.38	72.80	7.34	78.40	7.86	84.60	8.50	90.00	9.14	94.20	9.68
	12	47.20	5.96	59.40	6.76	72.80	7.92	78.40	8.52	84.60	9.28	90.00	10.00	94.20	10.62
	14	47.20	6.24	59.40	7.20	72.80	8.56	78.40	9.26	84.60	10.14	90.00	10.96	94.20	11.68
	16	47.20	6.58	59.40	7.70	72.80	9.30	78.40	10.10	84.60	11.10	90.00	12.04	94.20	12.84
	18	47.20	6.96	59.40	8.28	72.80	10.12	78.40	11.04	84.60	12.18	90.00	13.24	94.20	14.14
	20	47.20	7.40	59.40	8.94	72.80	11.04	78.40	12.08	84.60	13.36	90.00	14.56	94.20	15.58
	21	47.20	7.64	59.40	9.30	72.80	11.54	78.40	12.64	84.60	14.02	90.00	15.28	94.20	16.34
	23	47.20	8.18	59.40	10.08	72.80	12.62	78.40	13.88	84.60	15.40	90.00	16.82	94.20	18.00
	25	47.20	8.78	59.40	10.96	72.80	13.84	78.40	15.22	84.60	16.94	90.00	18.52	94.20	19.82
	27	47.20	9.48	59.40	11.94	72.80	15.16	78.40	16.66	84.60	18.38	90.00	19.92	94.20	21.18
	29	47.20	10.28	59.40	13.00	72.80	16.24	78.40	17.76	84.60	19.58	90.00	21.24	94.20	22.60
	31	47.20	11.02	59.40	13.80	72.80	17.30	78.40	18.94	84.60	20.90	90.00	22.66	94.20	24.10
	33	47.20	11.68	59.40	14.70	72.80	18.44	78.40	20.20	84.60	22.28	90.00	24.16	94.20	25.70
	35	47.20	12.42	59.40	15.66	72.80	19.68	78.40	21.54	84.60	23.76	90.00	25.76	94.20	27.42
	37	47.20	13.22	59.40	16.68	72.80	20.98	78.40	22.98	84.60	25.36	90.00	27.48	94.20	29.24
	39	47.20	14.08	59.40	17.80	72.80	22.40	78.40	24.52	84.60	27.04	90.00	29.32	94.20	31.20
	41	47.20	15.02	59.40	19.00	72.80	23.88	78.40	26.16	84.60	28.86	90.00	31.30	94.20	33.30

17. ARUM400LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	47.20	16.04	59.40	20.28	72.80	25.48	78.40	27.90	84.60	30.78	90.00	33.40	94.20	35.56
	46	47.20	17.70	59.40	22.36	72.80	28.10	78.40	30.76	84.60	33.96	90.00	36.88	94.20	39.32
	48	47.20	18.92	59.40	23.88	72.80	29.98	78.40	32.84	84.60	36.28	90.00	39.46	91.60	40.38
	50	47.20	20.22	59.40	25.48	72.80	32.00	78.40	35.06	83.20	37.94	83.20	37.86	83.20	37.92
	52	47.20	21.60	59.40	27.20	72.80	34.16	73.20	33.68	73.60	33.10	74.00	32.58	74.20	32.18
60	10	40.40	3.84	51.00	5.44	62.40	6.56	67.20	6.90	72.60	7.32	77.20	7.74	80.80	8.10
	12	40.40	5.38	51.00	6.20	62.40	6.98	67.20	7.38	72.60	7.90	77.20	8.38	80.80	8.80
	14	40.40	5.62	51.00	6.52	62.40	7.46	67.20	7.94	72.60	8.54	77.20	9.10	80.80	9.58
	16	40.40	5.90	51.00	6.90	62.40	8.02	67.20	8.58	72.60	9.26	77.20	9.92	80.80	10.46
	18	40.40	6.22	51.00	7.34	62.40	8.64	67.20	9.28	72.60	10.08	77.20	10.84	80.80	11.46
	20	40.40	6.58	51.00	7.84	62.40	9.36	67.20	10.10	72.60	11.00	77.20	11.84	80.80	12.56
	21	40.40	6.78	51.00	8.12	62.40	9.74	67.20	10.52	72.60	11.50	77.20	12.40	80.80	13.16
	23	40.40	7.22	51.00	8.72	62.40	10.58	67.20	11.48	72.60	12.58	77.20	13.60	80.80	14.44
	25	40.40	7.72	51.00	9.42	62.40	11.54	67.20	12.54	72.60	13.78	77.20	14.92	80.80	15.86
	27	40.40	8.30	51.00	10.20	62.40	12.60	67.20	13.74	72.60	15.12	77.20	16.36	80.80	17.30
	29	40.40	8.96	51.00	11.08	62.40	13.66	67.20	14.82	72.60	16.20	77.20	17.44	80.80	18.44
	31	40.40	9.66	51.00	11.84	62.40	14.52	67.20	15.78	72.60	17.26	77.20	18.58	80.80	19.66
	33	40.40	10.22	51.00	12.58	62.40	15.46	67.20	16.80	72.60	18.40	77.20	19.82	80.80	20.98
	35	40.40	10.84	51.00	13.38	62.40	16.48	67.20	17.92	72.60	19.62	77.20	21.14	80.80	22.38
	37	40.40	11.52	51.00	14.24	62.40	17.58	67.20	19.10	72.60	20.92	77.20	22.54	80.80	23.86
	39	40.40	12.26	51.00	15.20	62.40	18.76	67.20	20.38	72.60	22.32	77.20	24.06	80.80	25.46
	41	40.40	13.08	51.00	16.20	62.40	20.02	67.20	21.76	72.60	23.82	77.20	25.66	80.80	27.16
	43	40.40	13.96	51.00	17.30	62.40	21.36	67.20	23.22	72.60	25.40	77.20	27.38	80.80	28.98
	46	40.40	15.42	51.00	19.10	62.40	23.56	67.20	25.58	72.60	28.00	77.20	30.18	80.80	31.96
	48	40.40	16.48	51.00	20.40	62.40	25.14	67.20	27.30	72.60	29.88	77.20	32.20	80.80	34.12
	50	40.40	17.62	51.00	21.80	62.40	26.82	67.20	29.14	72.60	31.90	77.20	34.40	80.80	36.46
	52	40.40	18.86	51.00	23.28	62.40	28.62	67.20	31.10	72.60	34.06	73.20	33.72	73.40	33.32
50	10	33.60	2.96	42.40	4.14	52.00	5.60	56.00	6.18	60.40	6.44	64.40	6.70	67.40	6.90
	12	33.60	4.68	42.40	5.56	52.00	6.26	56.00	6.52	60.40	6.84	64.40	7.14	67.40	7.40
	14	33.60	5.02	42.40	5.82	52.00	6.60	56.00	6.90	60.40	7.30	64.40	7.66	67.40	7.96
	16	33.60	5.24	42.40	6.12	52.00	6.98	56.00	7.36	60.40	7.82	64.40	8.24	67.40	8.60
	18	33.60	5.48	42.40	6.44	52.00	7.44	56.00	7.88	60.40	8.40	64.40	8.90	67.40	9.30
	20	33.60	5.76	42.40	6.84	52.00	7.96	56.00	8.46	60.40	9.08	64.40	9.64	67.40	10.12
	21	33.60	5.92	42.40	7.04	52.00	8.24	56.00	8.78	60.40	9.44	64.40	10.04	67.40	10.56
	23	33.60	6.28	42.40	7.52	52.00	8.88	56.00	9.50	60.40	10.24	64.40	10.94	67.40	11.52
	25	33.60	6.68	42.40	8.06	52.00	9.58	56.00	10.30	60.40	11.16	64.40	11.94	67.40	12.58
	27	33.60	7.14	42.40	8.68	52.00	10.40	56.00	11.20	60.40	12.16	64.40	13.04	67.40	13.76
	29	33.60	7.66	42.40	9.38	52.00	11.30	56.00	12.20	60.40	13.22	64.40	14.12	67.40	14.84
	31	33.60	8.24	42.40	10.10	52.00	12.06	56.00	12.98	60.40	14.06	64.40	15.02	67.40	15.80
	33	33.60	8.74	42.40	10.68	52.00	12.82	56.00	13.80	60.40	14.96	64.40	16.00	67.40	16.84
	35	33.60	9.24	42.40	11.32	52.00	13.64	56.00	14.70	60.40	15.94	64.40	17.06	67.40	17.96
	37	33.60	9.78	42.40	12.04	52.00	14.52	56.00	15.66	60.40	17.00	64.40	18.18	67.40	19.16
	39	33.60	10.40	42.40	12.82	52.00	15.48	56.00	16.70	60.40	18.14	64.40	19.40	67.40	20.44
	41	33.60	11.08	42.40	13.66	52.00	16.52	56.00	17.82	60.40	19.34	64.40	20.70	67.40	21.80
	43	33.60	11.82	42.40	14.58	52.00	17.64	56.00	19.02	60.40	20.66	64.40	22.10	67.40	23.26
	46	33.60	13.08	42.40	16.12	52.00	19.48	56.00	21.00	60.40	22.78	64.40	24.36	67.40	25.64
	48	33.60	14.04	42.40	17.22	52.00	20.80	56.00	22.42	60.40	24.30	64.40	26.00	67.40	27.36
	50	33.60	15.10	42.40	18.42	52.00	22.22	56.00	23.92	60.40	25.94	64.40	27.74	67.40	29.20
	52	33.60	16.26	42.40	19.70	52.00	23.72	56.00	25.54	60.40	27.70	64.40	29.60	67.40	31.18

17. ARUM400LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

17. ARUM400LTE6

17.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	23.80	1.60	38.20	2.56	54.20	3.66	58.00	3.94	61.80	4.22	65.80	4.52	70.00	4.90
	12	23.80	1.60	38.20	2.56	54.20	3.70	58.00	3.98	61.80	4.26	65.80	4.56	70.00	4.98
	14	23.80	1.60	38.20	2.58	54.20	3.76	58.00	4.04	61.80	4.34	65.80	4.66	70.00	5.10
	16	23.80	1.60	38.20	2.62	54.20	3.86	58.00	4.16	61.80	4.48	65.80	4.84	70.00	5.36
	18	23.80	1.62	38.20	2.70	54.20	4.06	58.00	4.42	61.80	4.80	65.80	5.24	70.00	5.90
	20	23.80	1.68	38.20	2.88	54.20	4.60	58.00	5.08	61.80	5.60	65.80	6.20	70.00	7.22
	21	27.00	2.12	41.20	3.68	57.00	6.22	60.80	6.56	64.60	6.94	68.40	7.34	72.20	7.96
	23	33.20	4.80	47.40	6.00	63.00	7.68	66.60	8.12	70.20	8.60	73.40	9.04	77.00	9.76
	25	39.80	5.96	53.60	7.46	69.20	9.64	72.40	10.18	76.00	10.76	78.60	11.24	81.80	12.08
	27	46.40	7.56	60.00	9.42	75.40	12.22	78.60	12.88	81.80	13.52	84.00	13.96	91.40	15.90
	29	53.20	9.72	66.40	11.90	81.80	15.06	84.80	15.74	88.00	16.48	93.20	17.78	108.0	22.38
	31	60.20	12.20	73.20	14.74	88.40	18.52	91.20	19.28	99.00	21.54	110.4	25.08	124.8	31.04
	33	67.40	15.30	80.00	18.26	95.00	22.78	104.6	25.98	116.4	30.36	127.4	34.84	141.4	42.70
	35	74.80	19.22	87.20	22.66	111.6	31.82	122.0	36.52	133.8	42.36	144.4	47.72	158.2	54.58
	37	74.80	20.52	87.20	24.20	111.6	33.98	122.0	39.02	133.8	45.40	144.4	50.68	147.4	53.12
	39	74.80	21.90	87.20	25.82	111.6	36.30	122.0	41.76	133.8	48.76	138.2	51.04	136.6	51.44
	41	74.80	23.38	87.20	27.56	111.6	38.82	122.0	44.78	127.8	48.36	127.8	48.38	126.2	49.02
	43	74.80	24.96	87.20	29.42	111.6	41.56	117.8	45.32	117.6	45.28	117.6	45.28	116.4	45.98
	46	74.80	27.52	87.20	32.44	103.6	41.22	103.6	41.22	103.4	41.16	103.6	41.22	102.2	41.68
	48	74.80	29.38	87.20	34.66	94.60	38.70	94.80	38.82	94.60	38.72	94.40	38.66	93.40	39.16
	50	74.80	31.36	86.20	36.44	86.00	36.40	86.00	36.46	86.00	36.42	85.80	36.36	84.80	36.84
	52	73.60	32.66	74.60	30.64	75.80	29.08	76.00	28.78	76.40	28.44	76.60	28.14	76.80	28.30
120	10	22.00	1.48	35.20	2.36	50.00	3.38	53.40	3.62	57.00	3.88	60.80	4.14	64.60	4.46
	12	22.00	1.48	35.20	2.36	50.00	3.40	53.40	3.66	57.00	3.90	60.80	4.18	64.60	4.52
	14	22.00	1.48	35.20	2.38	50.00	3.44	53.40	3.70	57.00	3.98	60.80	4.26	64.60	4.62
	16	22.00	1.48	35.20	2.40	50.00	3.52	53.40	3.80	57.00	4.08	60.80	4.40	64.60	4.82
	18	22.00	1.50	35.20	2.46	50.00	3.68	53.40	4.00	57.00	4.34	60.80	4.70	64.60	5.26
	20	22.00	1.54	35.20	2.60	50.00	4.10	53.40	4.52	57.00	4.96	60.80	5.46	64.60	6.40
	21	24.80	1.90	38.00	3.26	52.60	5.50	56.20	6.14	59.60	6.46	63.00	6.78	66.80	7.32
	23	30.80	4.58	43.60	5.64	58.20	7.12	61.40	7.48	64.80	7.90	67.80	8.28	71.00	8.90
	25	36.80	5.64	49.40	6.96	63.80	8.84	67.00	9.30	70.20	9.80	72.60	10.20	75.40	10.94
	27	42.80	7.06	55.40	8.70	69.60	11.10	72.60	11.66	75.60	12.26	77.60	12.68	84.40	14.38
	29	49.20	9.00	61.40	10.96	75.40	13.70	78.20	14.28	81.20	14.92	86.20	16.06	99.80	20.00
	31	55.60	11.28	67.60	13.48	81.60	16.74	84.20	17.40	91.40	19.34	101.8	22.38	115.2	27.48
	33	62.20	14.02	74.00	16.60	87.80	20.50	96.60	23.26	107.6	27.00	117.6	30.80	130.6	37.38
	35	69.00	17.50	80.40	20.48	103.0	28.36	112.6	32.32	123.6	37.20	133.2	42.04	146.0	49.38
	37	69.00	18.68	80.40	21.86	103.0	30.28	112.6	34.52	123.6	39.78	133.2	45.02	146.0	52.48
	39	69.00	19.94	80.40	23.34	103.0	32.32	112.6	36.88	123.6	42.58	133.2	48.36	136.6	51.44
	41	69.00	21.28	80.40	24.92	103.0	34.52	112.6	39.44	123.6	45.66	127.8	48.34	126.2	49.02
	43	69.00	22.72	80.40	26.60	103.0	36.88	112.6	42.24	117.8	45.30	117.8	45.30	116.4	45.90
	46	69.00	25.08	80.40	29.32	103.0	40.82	103.6	41.20	103.4	41.16	103.4	41.16	102.2	41.72
	48	69.00	26.76	80.40	31.30	94.60	38.76	94.60	38.76	94.60	38.72	94.40	38.64	93.40	39.20
	50	69.00	28.56	80.40	33.42	86.00	36.40	86.00	36.40	86.20	36.48	86.00	36.38	85.00	36.84
	52	69.00	30.50	74.20	31.28	75.40	29.72	75.60	29.40	75.80	29.08	76.00	28.84	76.20	29.06
110	10	20.20	1.34	32.40	2.16	45.80	3.08	49.00	3.30	52.20	3.54	55.60	3.78	59.20	4.06
	12	20.20	1.34	32.40	2.16	45.80	3.10	49.00	3.34	52.20	3.56	55.60	3.80	59.20	4.12
	14	20.20	1.34	32.40	2.18	45.80	3.14	49.00	3.36	52.20	3.62	55.60	3.86	59.20	4.18
	16	20.20	1.36	32.40	2.20	45.80	3.20	49.00	3.44	52.20	3.70	55.60	3.98	59.20	4.34
	18	20.20	1.36	32.40	2.24	45.80	3.32	49.00	3.60	52.20	3.90	55.60	4.20	59.20	4.68

17. ARUM400LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	20.20	1.38	32.40	2.34	45.80	3.64	49.00	4.00	52.20	4.38	55.60	4.80	59.20	5.54
	21	22.80	1.70	34.80	2.88	48.20	4.74	51.40	5.28	54.60	5.88	57.80	6.28	61.20	6.74
	23	28.20	4.38	40.00	5.32	53.40	6.60	56.40	6.92	59.40	7.26	62.20	7.56	65.20	8.12
	25	33.60	5.32	45.40	6.48	58.40	8.10	61.40	8.48	64.20	8.90	66.60	9.24	69.20	9.88
	27	39.20	6.58	50.80	8.02	63.80	10.06	66.40	10.54	69.20	11.04	71.20	11.40	77.40	12.94
	29	45.00	8.30	56.20	10.04	69.20	12.44	71.80	12.94	74.40	13.48	79.00	14.44	91.40	17.80
	31	51.00	10.40	62.00	12.28	74.80	15.10	77.20	15.66	83.80	17.32	93.40	19.90	105.6	24.20
	33	57.00	12.82	67.80	15.02	80.40	18.38	88.60	20.72	98.60	23.90	107.8	27.10	119.6	32.58
	35	63.20	15.88	73.80	18.44	94.40	25.16	103.2	28.50	113.2	32.56	122.2	36.52	133.8	43.70
	37	63.20	16.94	73.80	19.68	94.40	26.86	103.2	30.42	113.2	34.78	122.2	39.04	133.8	46.88
	39	63.20	18.08	73.80	21.02	94.40	28.66	103.2	32.48	113.2	37.16	122.2	41.78	133.8	50.08
	41	63.20	19.32	73.80	22.44	94.40	30.60	103.2	34.68	113.2	39.74	122.2	44.80	126.4	49.04
	43	63.20	20.62	73.80	23.96	94.40	32.66	103.2	37.08	113.2	42.56	117.8	45.30	116.4	45.92
	46	63.20	22.76	73.80	26.42	94.40	36.06	103.2	41.04	103.6	41.24	103.6	41.20	102.2	41.72
	48	63.20	24.30	73.80	28.20	94.40	38.56	94.60	38.66	94.60	38.74	94.60	38.68	93.40	39.14
	50	63.20	25.94	73.80	30.08	86.20	36.46	86.20	36.46	86.00	36.42	86.00	36.38	85.00	36.84
	52	63.20	27.70	73.80	32.08	74.80	30.48	75.00	30.18	75.20	29.84	74.80	29.56	75.80	29.56
100	10	18.40	1.22	29.40	1.96	41.60	2.80	44.60	3.00	47.60	3.20	50.60	3.42	53.80	3.68
	12	18.40	1.22	29.40	1.96	41.60	2.80	44.60	3.02	47.60	3.22	50.60	3.44	53.80	3.72
	14	18.40	1.22	29.40	1.96	41.60	2.84	44.60	3.04	47.60	3.26	50.60	3.48	53.80	3.76
	16	18.40	1.22	29.40	1.98	41.60	2.88	44.60	3.10	47.60	3.32	50.60	3.56	53.80	3.88
	18	18.40	1.24	29.40	2.02	41.60	2.96	44.60	3.22	47.60	3.46	50.60	3.74	53.80	4.12
	20	18.40	1.26	29.40	2.10	41.60	3.22	44.60	3.52	47.60	3.82	50.60	4.18	53.80	4.78
	21	20.80	1.52	31.80	2.52	44.00	4.06	46.80	4.50	49.60	4.98	52.60	5.48	55.60	6.22
	23	25.60	4.16	36.40	4.98	48.40	6.10	51.20	6.38	54.00	6.66	56.40	6.94	59.20	7.38
	25	30.60	5.00	41.20	6.02	53.20	7.40	55.80	7.74	58.40	8.08	60.60	8.36	62.80	8.90
	27	35.60	6.12	46.20	7.36	58.00	9.10	60.40	9.50	63.00	9.94	64.60	10.22	70.20	11.50
	29	41.00	7.64	51.20	9.14	62.80	11.24	65.20	11.66	67.60	12.14	71.80	12.94	83.20	15.76
	31	46.40	9.54	56.40	11.16	68.00	13.56	70.00	14.02	76.20	15.44	84.80	17.60	96.00	21.22
	33	51.80	11.68	61.60	13.56	73.20	16.40	80.40	18.38	89.60	21.04	98.00	23.72	108.8	28.28
	35	57.60	14.34	67.00	16.52	85.80	22.20	93.80	25.00	103.0	28.36	111.0	31.62	121.6	37.42
	37	57.60	15.30	67.00	17.64	85.80	23.70	93.80	26.68	103.0	30.28	111.0	33.76	121.6	40.02
	39	57.60	16.34	67.00	18.82	85.80	25.30	93.80	28.48	103.0	32.32	111.0	36.06	121.6	42.84
	41	57.60	17.44	67.00	20.10	85.80	27.00	93.80	30.40	103.0	34.52	111.0	38.56	121.6	45.96
	43	57.60	18.64	67.00	21.48	85.80	28.82	93.80	32.46	103.0	36.90	111.0	41.26	116.6	46.02
	46	57.60	20.58	67.00	23.70	85.80	31.78	93.80	35.82	103.0	40.84	103.6	41.24	102.2	41.66
	48	57.60	21.98	67.00	25.30	85.80	33.94	93.80	38.30	94.60	38.72	94.40	38.66	93.40	39.14
	50	57.60	23.48	67.00	27.00	85.80	36.24	86.20	36.44	86.00	36.42	86.20	36.48	84.80	36.78
	52	57.60	25.08	67.00	28.82	74.00	31.38	74.60	30.90	74.80	30.38	75.20	29.92	75.40	29.92
90	10	16.60	1.10	26.40	1.76	37.40	2.50	40.20	2.70	42.80	2.88	45.60	3.06	48.40	3.30
	12	16.60	1.10	26.40	1.76	37.40	2.52	40.20	2.70	42.80	2.88	45.60	3.08	48.40	3.32
	14	16.60	1.10	26.40	1.76	37.40	2.54	40.20	2.72	42.80	2.92	45.60	3.12	48.40	3.36
	16	16.60	1.10	26.40	1.78	37.40	2.56	40.20	2.76	42.80	2.96	45.60	3.18	48.40	3.44
	18	16.60	1.10	26.40	1.80	37.40	2.64	40.20	2.84	42.80	3.06	45.60	3.30	48.40	3.62
	20	16.60	1.12	26.40	1.86	37.40	2.80	40.20	3.06	42.80	3.32	45.60	3.62	48.40	4.10
	21	18.60	1.32	28.60	2.18	39.60	3.44	42.00	3.80	44.60	4.18	47.20	4.58	50.00	5.52
	23	23.00	3.96	32.80	4.68	43.60	5.64	46.00	5.88	48.60	6.12	50.80	6.34	53.20	6.74
	25	27.60	4.70	37.00	5.58	47.80	6.76	50.20	7.04	52.60	7.34	54.40	7.58	56.60	8.02
	27	32.20	5.68	41.40	6.74	52.20	8.22	54.40	8.56	56.60	8.90	58.20	9.14	63.20	10.22
	29	36.80	7.00	46.00	8.28	56.60	10.12	58.60	10.50	60.80	10.88	64.60	11.56	74.80	13.90
	31	41.60	8.70	50.60	10.12	61.20	12.12	63.00	12.52	68.60	13.68	76.40	15.48	86.40	18.48

17. ARUM400LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	46.60	10.62	55.40	12.18	65.80	14.56	72.40	16.22	80.60	18.42	88.20	20.62	98.00	24.36
	35	51.80	12.92	60.40	14.74	77.20	19.46	84.60	21.78	92.60	24.56	100.0	27.20	109.4	31.90
	37	51.80	13.76	60.40	15.72	77.20	20.78	84.60	23.26	92.60	26.20	100.0	29.04	109.4	34.06
	39	51.80	14.68	60.40	16.78	77.20	22.18	84.60	24.82	92.60	27.98	100.0	31.00	109.4	36.38
	41	51.80	15.68	60.40	17.92	77.20	23.68	84.60	26.50	92.60	29.86	100.0	33.10	109.4	38.90
	43	51.80	16.76	60.40	19.16	77.20	25.28	84.60	28.28	92.60	31.88	100.0	35.36	109.4	41.64
	46	51.80	18.52	60.40	21.14	77.20	27.88	84.60	31.18	92.60	35.18	100.0	39.08	102.4	41.74
	48	51.80	19.80	60.40	22.58	77.20	29.76	84.60	33.30	92.60	37.60	94.60	38.72	93.60	39.24
	50	51.80	21.16	60.40	24.12	77.20	31.76	84.60	35.56	86.00	36.40	86.00	36.44	85.00	36.88
	52	51.80	22.60	60.40	25.76	73.80	31.86	74.20	31.36	74.60	30.84	74.80	30.36	75.20	30.38
80	10	14.60	0.98	23.60	1.56	33.40	2.22	35.60	2.38	38.00	2.54	40.40	2.72	43.00	2.92
	12	14.60	0.98	23.60	1.56	33.40	2.22	35.60	2.40	38.00	2.56	40.40	2.72	43.00	2.94
	14	14.60	0.98	23.60	1.56	33.40	2.24	35.60	2.40	38.00	2.58	40.40	2.74	43.00	2.96
	16	14.60	0.98	23.60	1.56	33.40	2.26	35.60	2.44	38.00	2.60	40.40	2.78	43.00	3.02
	18	14.60	0.98	23.60	1.58	33.40	2.30	35.60	2.48	38.00	2.68	40.40	2.88	43.00	3.14
	20	14.60	0.98	23.60	1.62	33.40	2.42	35.60	2.64	38.00	2.86	40.40	3.10	43.00	3.48
	21	16.60	1.16	25.40	1.88	35.20	2.90	37.40	3.18	39.80	3.48	42.00	3.78	44.40	4.50
	23	20.40	3.76	29.20	4.38	38.80	5.20	41.00	5.40	43.20	5.60	45.20	5.78	47.40	6.12
	25	24.40	4.40	33.00	5.16	42.60	6.16	44.60	6.40	46.80	6.64	48.40	6.84	50.40	7.20
	27	28.60	5.26	36.80	6.16	46.40	7.40	48.40	7.68	50.40	7.96	51.80	8.16	56.20	9.04
	29	32.80	6.40	41.00	7.48	50.40	9.00	52.20	9.32	54.20	9.66	57.40	10.26	66.60	12.20
	31	37.00	7.88	45.00	9.10	54.40	10.80	56.00	11.12	61.00	12.08	68.00	13.54	76.80	15.98
	33	41.40	9.56	49.20	10.90	58.60	12.86	64.40	14.22	71.60	16.02	78.40	17.80	87.00	20.82
	35	46.00	11.58	53.60	13.08	68.60	16.96	75.20	18.84	82.40	21.08	88.80	23.22	97.20	26.98
	37	46.00	12.32	53.60	13.94	68.60	18.10	75.20	20.12	82.40	22.50	88.80	24.78	97.20	28.78
	39	46.00	13.14	53.60	14.88	68.60	19.32	75.20	21.48	82.40	24.02	88.80	26.46	97.20	30.74
	41	46.00	14.04	53.60	15.90	68.60	20.64	75.20	22.92	82.40	25.64	88.80	28.24	97.20	32.82
	43	46.00	15.00	53.60	16.98	68.60	22.04	75.20	24.48	82.40	27.38	88.80	30.14	97.20	35.04
	46	46.00	16.58	53.60	18.76	68.60	24.32	75.20	26.98	82.40	30.18	88.80	33.24	97.20	38.76
	48	46.00	17.72	53.60	20.06	68.60	25.96	75.20	28.80	82.40	32.22	88.80	35.52	93.60	39.22
	50	46.00	18.96	53.60	21.44	68.60	27.70	75.20	30.74	82.40	34.40	86.00	36.42	85.00	36.82
	52	46.00	20.28	53.60	22.90	68.60	29.56	73.80	31.98	74.20	31.44	74.40	30.94	74.80	30.96
70	10	12.80	0.86	20.60	1.36	29.20	1.94	31.20	2.08	33.20	2.22	35.40	2.36	37.60	2.54
	12	12.80	0.86	20.60	1.36	29.20	1.94	31.20	2.08	33.20	2.22	35.40	2.38	37.60	2.56
	14	12.80	0.86	20.60	1.36	29.20	1.96	31.20	2.10	33.20	2.24	35.40	2.38	37.60	2.58
	16	12.80	0.86	20.60	1.36	29.20	1.96	31.20	2.10	33.20	2.26	35.40	2.42	37.60	2.60
	18	12.80	0.86	20.60	1.38	29.20	2.00	31.20	2.14	33.20	2.30	35.40	2.46	37.60	2.70
	20	12.80	0.86	20.60	1.40	29.20	2.08	31.20	2.24	33.20	2.42	35.40	2.62	37.60	2.90
	21	14.60	1.00	22.20	1.60	30.80	2.40	32.80	2.62	34.80	2.86	36.80	3.10	39.00	3.60
	23	18.00	3.40	25.40	4.10	34.00	4.78	35.80	4.94	37.80	5.12	39.60	5.26	41.40	5.54
	25	21.40	4.12	28.80	4.74	37.20	5.58	39.00	5.78	41.00	5.98	42.40	6.14	44.00	6.46
	27	25.00	4.84	32.20	5.60	40.60	6.62	42.20	6.86	44.00	7.10	45.20	7.24	49.20	7.96
	29	28.60	5.80	35.80	6.70	44.00	7.96	45.60	8.22	47.40	8.50	50.20	8.98	58.20	10.64
	31	32.40	7.08	39.40	8.14	47.60	9.56	49.00	9.84	53.40	10.60	59.40	11.78	67.20	13.72
	33	36.20	8.52	43.20	9.68	51.20	11.30	56.40	12.38	62.80	13.82	68.60	15.22	76.20	17.64
	35	40.20	10.28	47.00	11.54	60.00	14.66	65.80	16.16	72.00	17.94	77.80	19.62	85.20	22.58
	37	40.20	10.94	47.00	12.28	60.00	15.64	65.80	17.24	72.00	19.16	77.80	20.94	85.20	24.10
	39	40.20	11.66	47.00	13.10	60.00	16.70	65.80	18.42	72.00	20.44	77.80	22.36	85.20	25.72
	41	40.20	12.46	47.00	14.00	60.00	17.84	65.80	19.66	72.00	21.84	77.80	23.88	85.20	27.46
	43	40.20	13.34	47.00	14.96	60.00	19.04	65.80	21.00	72.00	23.32	77.80	25.48	85.20	29.32
	46	40.20	14.74	47.00	16.54	60.00	21.04	65.80	23.18	72.00	25.70	77.80	28.10	85.20	32.34

17. ARUM400LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	40.20	15.78	47.00	17.68	60.00	22.46	65.80	24.74	72.00	27.44	77.80	30.00	85.20	34.54
	50	40.20	16.88	47.00	18.92	60.00	24.00	65.80	26.42	72.00	29.28	77.80	32.02	85.00	36.84
	52	40.20	18.08	47.00	20.22	60.00	25.62	65.80	28.20	72.00	31.26	74.00	31.74	74.20	31.74
60	10	11.00	0.74	17.60	1.16	25.00	1.66	26.80	1.78	28.60	1.90	30.40	2.02	32.20	2.18
	12	11.00	0.74	17.60	1.16	25.00	1.66	26.80	1.78	28.60	1.90	30.40	2.02	32.20	2.18
	14	11.00	0.72	17.60	1.16	25.00	1.66	26.80	1.78	28.60	1.90	30.40	2.04	32.20	2.18
	16	11.00	0.72	17.60	1.16	25.00	1.68	26.80	1.80	28.60	1.92	30.40	2.04	32.20	2.20
	18	11.00	0.72	17.60	1.18	25.00	1.68	26.80	1.82	28.60	1.94	30.40	2.08	32.20	2.26
	20	11.00	0.72	17.60	1.18	25.00	1.74	26.80	1.88	28.60	2.02	30.40	2.18	32.20	2.40
	21	12.40	0.84	19.00	1.32	26.40	1.96	28.00	2.14	29.80	2.32	31.60	2.50	33.40	2.84
	23	15.40	2.40	21.80	3.58	29.00	4.38	30.80	4.52	32.40	4.64	33.80	4.78	35.60	5.00
	25	19.20	3.94	24.80	4.36	32.00	5.04	33.40	5.20	35.00	5.36	36.40	5.50	37.80	5.74
	27	21.40	4.46	27.60	5.06	34.80	5.90	36.20	6.08	37.80	6.28	38.80	6.40	42.20	6.98
	29	24.60	5.26	30.60	5.98	37.80	7.00	39.20	7.20	40.60	7.42	43.00	7.82	49.80	9.14
	31	27.80	6.30	33.80	7.16	40.80	8.36	42.00	8.58	45.60	9.22	51.00	10.16	57.60	11.68
	33	31.00	7.54	37.00	8.48	43.80	9.82	48.20	10.72	53.80	11.82	58.80	12.92	65.20	14.78
	35	34.60	8.98	40.20	10.04	51.40	12.56	56.40	13.72	61.80	15.10	66.60	16.40	73.00	18.68
	37	34.60	9.54	40.20	10.68	51.40	13.38	56.40	14.64	61.80	16.12	66.60	17.50	73.00	19.94
	39	34.60	10.14	40.20	11.38	51.40	14.28	56.40	15.62	61.80	17.20	66.60	18.68	73.00	21.28
	41	34.60	10.80	40.20	12.16	51.40	15.26	56.40	16.70	61.80	18.38	66.60	19.96	73.00	22.72
	43	34.60	11.52	40.20	13.02	51.40	16.30	56.40	17.84	61.80	19.64	66.60	21.32	73.00	24.26
	46	34.60	12.76	40.20	14.44	51.40	18.02	56.40	19.70	61.80	21.68	66.60	23.52	73.00	26.74
	48	34.60	13.70	40.20	15.46	51.40	19.26	56.40	21.06	61.80	23.14	66.60	25.10	73.00	28.54
	50	34.60	14.72	40.20	16.56	51.40	20.60	56.40	22.50	61.80	24.72	66.60	26.80	73.00	30.48
	52	34.60	15.86	40.20	17.72	51.40	22.02	56.40	24.02	61.80	26.38	66.60	28.60	73.00	32.54
50	10	9.20	0.70	14.80	0.98	20.80	1.38	22.20	1.48	23.80	1.58	25.40	1.68	27.00	1.80
	12	9.20	0.70	14.80	0.98	20.80	1.38	22.20	1.48	23.80	1.58	25.40	1.68	27.00	1.80
	14	9.20	0.70	14.80	0.98	20.80	1.38	22.20	1.48	23.80	1.58	25.40	1.68	27.00	1.82
	16	9.20	0.70	14.80	0.96	20.80	1.38	22.20	1.48	23.80	1.58	25.40	1.70	27.00	1.82
	18	9.20	0.70	14.80	0.98	20.80	1.40	22.20	1.50	23.80	1.60	25.40	1.72	27.00	1.86
	20	9.20	0.70	14.80	0.98	20.80	1.42	22.20	1.52	23.80	1.64	25.40	1.76	27.00	1.92
	21	10.40	0.68	15.80	1.08	22.00	1.58	23.40	1.70	24.80	1.82	26.20	1.96	27.80	2.20
	23	12.80	1.62	18.20	2.42	24.20	4.00	25.60	4.10	27.00	4.22	28.20	4.32	29.60	4.48
	25	18.40	3.98	20.60	4.00	26.60	4.54	27.80	4.66	29.20	4.78	30.20	4.88	31.40	5.08
	27	18.20	4.14	23.00	4.56	29.00	5.22	30.20	5.36	31.40	5.50	32.40	5.60	35.20	6.06
	29	20.40	4.72	25.60	5.30	31.40	6.08	32.60	6.26	33.80	6.42	35.80	6.72	41.60	7.74
	31	23.20	5.56	28.20	6.24	34.00	7.20	35.00	7.38	38.00	7.90	42.40	8.66	48.00	9.86
	33	26.00	6.60	30.80	7.34	36.60	8.40	40.20	9.10	44.80	10.00	49.00	10.84	54.40	12.24
	35	28.80	7.76	33.60	8.60	42.80	10.64	47.00	11.54	51.40	12.56	55.60	13.52	60.80	15.20
	37	28.80	8.20	33.60	9.10	42.80	11.34	47.00	12.28	51.40	13.40	55.60	14.42	60.80	16.22
	39	28.80	8.68	33.60	9.66	42.80	12.10	47.00	13.10	51.40	14.30	55.60	15.40	60.80	17.32
	41	28.80	9.22	33.60	10.30	42.80	12.90	47.00	14.00	51.40	15.26	55.60	16.44	60.80	18.50
	43	28.80	9.80	33.60	10.98	42.80	13.80	47.00	14.96	51.40	16.30	55.60	17.56	60.80	19.76
	46	28.80	10.80	33.60	12.14	42.80	15.26	47.00	16.54	51.40	18.02	55.60	19.40	60.80	21.82
	48	28.80	11.56	33.60	13.02	42.80	16.32	47.00	17.68	51.40	19.28	55.60	20.74	60.80	23.30
	50	28.80	12.38	33.60	13.98	42.80	17.48	47.00	18.92	51.40	20.60	55.60	22.16	60.80	24.88
	52	28.80	13.28	33.60	15.04	42.80	18.70	47.00	20.24	51.40	22.02	55.60	23.68	60.80	26.56

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

17. ARUM400LTE6

17.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	75.20	35.02	74.60	35.32	74.00	35.62	73.80	35.76	73.60	35.92	73.00	36.20
	-24.8	-25	87.40	36.82	86.80	37.16	86.20	37.48	85.80	37.64	85.60	37.82	85.00	38.14
	-21.8	-22	95.00	37.86	94.40	38.22	93.80	38.56	93.40	38.74	93.20	38.90	92.40	39.24
	-19.8	-20	100.4	38.56	99.80	38.92	99.00	39.28	98.60	39.46	98.40	39.64	97.80	40.00
	-18.8	-19	103.2	38.90	102.4	39.28	101.8	39.66	101.4	39.84	101.0	40.02	100.4	40.36
	-16.7	-17	108.8	39.62	108.2	40.00	107.4	40.38	107.0	40.58	106.8	40.76	106.0	41.12
	-15	-15.9	112.4	40.02	111.6	40.42	110.8	40.82	110.4	41.00	110.0	41.20	109.4	41.56
	-13.7	-15	115.2	40.38	114.4	40.78	113.8	41.18	113.4	41.38	113.0	41.58	112.4	41.96
	-11.8	-13	121.2	41.08	120.4	41.50	119.6	41.90	119.2	42.10	118.8	42.30	118.0	42.70
	-9.8	-11	127.8	41.82	126.8	42.24	126.0	42.66	125.6	42.86	125.2	43.06	124.4	43.46
	-9.5	-10	130.8	42.16	130.0	42.58	129.2	43.02	128.8	43.22	128.2	43.44	127.4	43.84
	-8.5	-9.1	134.0	42.50	133.0	42.94	132.2	43.36	131.8	43.58	131.4	43.78	130.4	44.20
	-7	-7.6	139.2	43.06	138.4	43.52	137.4	43.96	137.0	44.16	136.4	44.38	135.6	44.80
	-5	-5.6	146.6	43.84	145.6	44.30	144.6	44.74	144.2	44.96	143.6	45.18	142.6	45.62
	-3	-3.7	153.8	44.58	152.8	45.06	151.8	45.52	151.2	45.74	150.8	45.98	143.4	43.46
	0	-0.7	165.8	45.80	164.6	46.28	163.6	46.76	158.6	45.08	153.6	43.34	143.4	39.90
	3	2.2	177.8	46.98	174.0	46.38	163.8	43.08	158.6	41.48	153.6	39.88	143.4	36.76
	5	4.1	184.2	47.06	174.0	43.90	163.8	40.80	158.6	39.30	153.6	37.80	143.4	34.86
	7	6	184.2	44.52	174.0	41.54	163.8	38.64	158.6	37.22	153.6	35.80	143.4	33.04
	9	7.9	184.2	42.02	174.0	39.22	163.8	36.48	158.6	35.14	153.6	33.82	143.4	31.22
	11	9.8	184.2	39.60	174.0	36.98	163.8	34.42	158.6	33.16	153.6	31.94	143.4	29.50
	13	11.8	184.2	37.16	174.0	34.72	163.8	32.36	158.6	31.18	153.6	30.04	143.4	27.78
	15	13.7	184.2	34.96	174.0	32.70	163.8	30.48	158.6	29.40	153.6	28.32	143.4	26.22
120	-30	-30.2	74.80	35.18	74.20	35.48	73.80	35.78	73.60	35.92	73.20	36.06	72.80	36.36
	-24.8	-25	87.00	37.04	86.40	37.36	85.80	37.70	85.40	37.86	85.20	38.02	84.60	38.34
	-21.8	-22	94.60	38.12	94.00	38.46	93.20	38.80	93.00	38.98	92.60	39.14	92.00	39.48
	-19.8	-20	99.80	38.84	99.20	39.20	98.60	39.56	98.20	39.74	97.80	39.90	97.20	40.26
	-18.8	-19	102.6	39.20	102.0	39.56	101.2	39.94	100.8	40.12	100.6	40.28	99.80	40.64
	-16.7	-17	108.2	39.94	107.6	40.32	106.8	40.70	106.4	40.88	106.2	41.06	105.4	41.42
	-15	-15.9	111.6	40.36	111.0	40.76	110.2	41.14	109.8	41.32	109.4	41.52	108.8	41.88
	-13.7	-15	114.6	40.74	113.8	41.14	113.2	41.52	112.8	41.72	112.4	41.90	111.8	42.28
	-11.8	-13	120.6	41.46	119.8	41.88	119.0	42.28	118.6	42.46	118.2	42.66	117.4	43.04
	-9.8	-11	127.0	42.24	126.0	42.66	125.2	43.06	124.8	43.26	124.4	43.46	123.6	43.86
	-9.5	-10	130.0	42.60	129.2	43.02	128.2	43.44	127.8	43.64	127.4	43.84	126.6	44.24
	-8.5	-9.1	133.0	42.96	132.2	43.38	131.2	43.80	130.8	44.00	130.4	44.22	129.6	44.62
	-7	-7.6	138.2	43.56	137.4	43.98	136.4	44.42	136.0	44.62	135.6	44.84	132.2	44.10
	-5	-5.6	145.4	44.36	144.4	44.82	143.4	45.26	143.0	45.46	141.8	45.30	132.2	41.70
	-3	-3.7	152.6	45.16	151.6	45.62	150.6	46.06	146.4	44.62	141.8	42.90	132.2	39.52
	0	-0.7	164.2	46.44	160.6	45.76	151.2	42.54	146.4	40.94	141.8	39.38	132.2	36.32
	3	2.2	170.0	45.10	160.6	42.10	151.2	39.16	146.4	37.72	141.8	36.30	132.2	33.50
	5	4.1	170.0	42.70	160.6	39.88	151.2	37.12	146.4	35.76	141.8	34.42	132.2	31.80
	7	6	170.0	40.42	160.6	37.76	151.2	35.16	146.4	33.88	141.8	32.62	132.2	30.14
	9	7.9	170.0	38.16	160.6	35.66	151.2	33.22	146.4	32.02	141.8	30.84	132.2	28.50
	11	9.8	170.0	35.98	160.6	33.64	151.2	31.36	146.4	30.24	141.8	29.14	132.2	26.96
	13	11.8	170.0	33.82	160.6	31.64	151.2	29.52	146.4	28.46	141.8	27.44	132.2	25.40

17. ARUM400LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	170.0	31.84	160.6	29.82	151.2	27.84	146.4	26.86	141.8	25.90	132.2	24.00
110	-30	-30.2	74.40	35.38	74.00	35.68	73.40	35.96	73.20	36.12	73.00	36.26	72.40	36.54
	-24.8	-25	86.60	37.30	86.00	37.62	85.40	37.94	85.00	38.10	84.80	38.26	84.20	38.56
	-21.8	-22	94.00	38.42	93.40	38.76	92.80	39.10	92.40	39.26	92.20	39.42	91.60	39.76
	-19.8	-20	99.20	39.16	98.60	39.52	98.00	39.86	97.60	40.04	97.40	40.22	96.60	40.54
	-18.8	-19	102.0	39.54	101.2	39.90	100.6	40.26	100.2	40.44	100.0	40.60	99.40	40.96
	-16.7	-17	107.6	40.32	106.8	40.68	106.2	41.06	105.8	41.24	105.4	41.42	104.8	41.76
	-15	-15.9	110.8	40.76	110.2	41.14	109.4	41.52	109.0	41.70	108.8	41.88	108.0	42.24
	-13.7	-15	113.8	41.14	113.0	41.54	112.4	41.92	112.0	42.12	111.6	42.30	111.0	42.66
	-11.8	-13	119.6	41.92	118.8	42.32	118.0	42.70	117.6	42.90	117.4	43.08	116.6	43.46
	-9.8	-11	126.0	42.72	125.0	43.14	124.2	43.54	123.8	43.72	123.4	43.92	121.2	43.56
	-9.5	-10	129.0	43.10	128.2	43.52	127.2	43.92	126.8	44.12	126.4	44.32	121.2	42.48
	-8.5	-9.1	132.0	43.48	131.0	43.90	130.2	44.30	129.8	44.52	129.4	44.70	121.2	41.44
	-7	-7.6	137.0	44.12	136.2	44.54	135.2	44.96	134.2	44.88	130.0	43.16	121.2	39.78
	-5	-5.6	144.0	44.98	143.2	45.42	138.6	44.08	134.2	42.44	130.0	40.82	121.2	37.64
	-3	-3.7	151.2	45.82	147.2	44.92	138.6	41.76	134.2	40.22	130.0	38.68	121.2	35.70
	0	-0.7	156.0	44.14	147.2	41.22	138.6	38.36	134.2	36.96	130.0	35.56	121.2	32.84
	3	2.2	156.0	40.62	147.2	37.96	138.6	35.36	134.2	34.08	130.0	32.82	121.2	30.34
	5	4.1	156.0	38.48	147.2	35.98	138.6	33.54	134.2	32.34	130.0	31.14	121.2	28.82
	7	6	156.0	36.46	147.2	34.10	138.6	31.78	134.2	30.64	130.0	29.52	121.2	27.32
	9	7.9	156.0	34.44	147.2	32.22	138.6	30.06	134.2	28.98	130.0	27.94	121.2	25.86
	11	9.8	156.0	32.50	147.2	30.44	138.6	28.40	134.2	27.40	130.0	26.42	121.2	24.48
	13	11.8	156.0	30.56	147.2	28.64	138.6	26.76	134.2	25.82	130.0	24.90	121.2	23.10
	15	13.7	156.0	28.82	147.2	27.02	138.6	25.26	134.2	24.38	130.0	23.52	121.2	21.84
100	-30	-30.2	74.00	35.62	73.60	35.90	73.00	36.20	72.80	36.34	72.60	36.48	72.00	36.76
	-24.8	-25	86.00	37.60	85.40	37.92	84.80	38.24	84.60	38.38	84.20	38.54	83.80	38.84
	-21.8	-22	93.40	38.76	92.80	39.10	92.20	39.42	91.80	39.60	91.60	39.76	91.00	40.08
	-19.8	-20	98.60	39.54	97.80	39.90	97.20	40.24	97.00	40.40	96.60	40.58	96.00	40.90
	-18.8	-19	101.2	39.94	100.6	40.30	99.80	40.64	99.60	40.82	99.20	40.98	98.60	41.32
	-16.7	-17	106.8	40.76	106.0	41.12	105.4	41.48	105.0	41.66	104.6	41.82	104.0	42.16
	-15	-15.9	110.0	41.22	109.2	41.60	108.6	41.96	108.2	42.14	107.8	42.32	107.2	42.66
	-13.7	-15	112.8	41.64	112.2	42.02	111.6	42.40	111.2	42.58	110.8	42.76	110.2	43.12
	-11.8	-13	118.6	42.44	117.8	42.82	117.0	43.20	116.6	43.40	116.4	43.58	110.2	41.08
	-9.8	-11	124.8	43.30	124.0	43.70	123.2	44.08	122.0	43.90	118.2	42.24	110.2	38.96
	-9.5	-10	127.8	43.70	126.8	44.10	126.0	44.46	122.0	42.80	118.2	41.18	110.2	38.00
	-8.5	-9.1	130.6	44.10	129.8	44.50	126.0	43.36	122.0	41.76	118.2	40.18	110.2	37.08
	-7	-7.6	135.6	44.78	133.8	44.72	126.0	41.62	122.0	40.08	118.2	38.58	110.2	35.60
	-5	-5.6	141.8	45.30	133.8	42.30	126.0	39.36	122.0	37.94	118.2	36.50	110.2	33.72
	-3	-3.7	141.8	42.90	133.8	40.08	126.0	37.32	122.0	35.96	118.2	34.62	110.2	32.00
	0	-0.7	141.8	39.38	133.8	36.82	126.0	34.32	122.0	33.08	118.2	31.88	110.2	29.48
	3	2.2	141.8	36.30	133.8	33.96	126.0	31.68	122.0	30.56	118.2	29.44	110.2	27.26
	5	4.1	141.8	34.42	133.8	32.22	126.0	30.08	122.0	29.02	118.2	27.98	110.2	25.92
	7	6	141.8	32.62	133.8	30.54	126.0	28.52	122.0	27.52	118.2	26.54	110.2	24.58
	9	7.9	141.8	30.84	133.8	28.90	126.0	27.00	122.0	26.06	118.2	25.12	110.2	23.30
	11	9.8	141.8	29.14	133.8	27.32	126.0	25.54	122.0	24.66	118.2	23.80	110.2	22.08
	13	11.8	141.8	27.44	133.8	25.74	126.0	24.08	122.0	23.26	118.2	22.44	110.2	20.86
	15	13.7	141.8	25.90	133.8	24.30	126.0	22.76	122.0	21.98	118.2	21.22	110.2	19.74

17. ARUM400LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	73.60	35.90	73.00	36.18	72.60	36.46	72.40	36.60	72.00	36.74	71.60	37.00
	-24.8	-25	85.40	37.96	84.80	38.28	84.20	38.58	84.00	38.74	83.60	38.88	83.00	39.18
	-21.8	-22	92.60	39.18	92.00	39.50	91.40	39.84	91.00	40.00	90.80	40.14	90.20	40.46
	-19.8	-20	97.60	40.00	97.00	40.34	96.40	40.68	96.20	40.84	95.80	41.00	95.20	41.32
	-18.8	-19	100.4	40.42	99.60	40.78	99.00	41.10	98.60	41.28	98.40	41.44	97.80	41.76
	-16.7	-17	105.8	41.28	105.0	41.64	104.4	41.98	104.0	42.16	103.6	42.32	99.20	40.46
	-15	-15.9	109.0	41.78	108.2	42.14	107.6	42.50	107.2	42.66	106.2	42.54	99.20	39.26
	-13.7	-15	111.8	42.22	111.2	42.60	110.4	42.96	109.8	42.98	106.2	41.34	99.20	38.12
	-11.8	-13	117.4	43.06	116.6	43.44	113.4	42.46	109.8	40.92	106.2	39.38	99.20	36.36
	-9.8	-11	123.4	43.98	120.4	43.24	113.4	40.26	109.8	38.80	106.2	37.34	99.20	34.50
	-9.5	-10	126.2	44.40	120.4	42.16	113.4	39.26	109.8	37.84	106.2	36.42	99.20	33.66
	-8.5	-9.1	127.6	44.00	120.4	41.12	113.4	38.32	109.8	36.92	106.2	35.56	99.20	32.86
	-7	-7.6	127.6	42.24	120.4	39.48	113.4	36.78	109.8	35.46	106.2	34.16	99.20	31.58
	-5	-5.6	127.6	39.94	120.4	37.36	113.4	34.82	109.8	33.58	106.2	32.36	99.20	29.92
	-3	-3.7	127.6	37.86	120.4	35.44	113.4	33.04	109.8	31.86	106.2	30.70	99.20	28.42
	0	-0.7	127.6	34.82	120.4	32.60	113.4	30.44	109.8	29.36	106.2	28.30	99.20	26.22
	3	2.2	127.6	32.14	120.4	30.12	113.4	28.14	109.8	27.16	106.2	26.20	99.20	24.30
	5	4.1	127.6	30.50	120.4	28.60	113.4	26.74	109.8	25.82	106.2	24.92	99.20	23.12
	7	6	127.6	28.92	120.4	27.12	113.4	25.36	109.8	24.50	106.2	23.64	99.20	21.94
	9	7.9	127.6	27.36	120.4	25.68	113.4	24.04	109.8	23.22	106.2	22.40	99.20	20.82
	11	9.8	127.6	25.90	120.4	24.32	113.4	22.76	109.8	22.00	106.2	21.24	99.20	19.74
	13	11.8	127.6	24.40	120.4	22.94	113.4	21.48	109.8	20.78	106.2	20.06	99.20	18.68
	15	13.7	127.6	23.06	120.4	21.68	113.4	20.32	109.8	19.66	106.2	19.00	99.20	17.70
80	-30	-30.2	73.00	36.24	72.40	36.52	72.00	36.80	71.80	36.92	71.60	37.06	71.00	37.32
	-24.8	-25	84.60	38.40	84.00	38.72	83.40	39.02	83.20	39.16	82.80	39.30	82.40	39.60
	-21.8	-22	91.60	39.70	91.00	40.02	90.40	40.32	90.20	40.48	89.80	40.64	88.20	40.22
	-19.8	-20	96.60	40.56	96.00	40.90	95.40	41.22	95.00	41.38	94.40	41.34	88.20	38.20
	-18.8	-19	99.20	41.02	98.60	41.34	98.00	41.68	97.60	41.84	94.40	40.30	88.20	37.24
	-16.7	-17	104.4	41.92	103.8	42.26	100.8	41.20	97.60	39.72	94.40	38.26	88.20	35.36
	-15	-15.9	107.6	42.46	107.0	42.80	100.8	39.98	97.60	38.54	94.40	37.12	88.20	34.32
	-13.7	-15	110.4	42.94	107.0	41.70	100.8	38.82	97.60	37.40	94.40	36.00	88.20	33.26
	-11.8	-13	113.4	42.46	107.0	39.72	100.8	37.02	97.60	35.70	94.40	34.40	88.20	31.78
	-9.8	-11	113.4	40.26	107.0	37.66	100.8	35.14	97.60	33.88	94.40	32.64	88.20	30.22
	-9.5	-10	113.4	39.26	107.0	36.74	100.8	34.28	97.60	33.06	94.40	31.86	88.20	29.50
	-8.5	-9.1	113.4	38.32	107.0	35.86	100.8	33.46	97.60	32.28	94.40	31.10	88.20	28.80
	-7	-7.6	113.4	36.78	107.0	34.44	100.8	32.14	97.60	31.02	94.40	29.90	88.20	27.68
	-5	-5.6	113.4	34.82	107.0	32.62	100.8	30.46	97.60	29.40	94.40	28.34	88.20	26.26
	-3	-3.7	113.4	33.04	107.0	30.96	100.8	28.92	97.60	27.92	94.40	26.94	88.20	24.98
	0	-0.7	113.4	30.44	107.0	28.54	100.8	26.68	97.60	25.78	94.40	24.86	88.20	23.08
	3	2.2	113.4	28.14	107.0	26.40	100.8	24.72	97.60	23.88	94.40	23.04	88.20	21.42
	5	4.1	113.4	26.74	107.0	25.12	100.8	23.52	97.60	22.72	94.40	21.94	88.20	20.40
	7	6	113.4	25.36	107.0	23.82	100.8	22.32	97.60	21.58	94.40	20.84	88.20	19.38
	9	7.9	113.4	24.04	107.0	22.58	100.8	21.18	97.60	20.48	94.40	19.78	88.20	18.42
	11	9.8	113.4	22.76	107.0	21.40	100.8	20.08	97.60	19.42	94.40	18.76	88.20	17.48
	13	11.8	113.4	21.48	107.0	20.22	100.8	18.98	97.60	18.36	94.40	17.76	88.20	16.56
	15	13.7	113.4	20.32	107.0	19.14	100.8	17.98	97.60	17.40	94.40	16.84	88.20	15.70
70	-30	-30.2	72.20	36.68	71.80	36.94	71.20	37.20	71.00	37.34	70.80	37.48	70.40	37.72

17. ARUM400LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	83.40	38.96	83.00	39.26	82.40	39.54	82.20	39.68	82.00	39.82	77.20	37.32
	-21.8	-22	90.40	40.34	89.80	40.64	88.20	40.22	85.40	38.78	82.60	37.36	77.20	34.58
	-19.8	-20	95.40	41.26	93.80	40.96	88.20	38.20	85.40	36.84	82.60	35.50	77.20	32.86
	-18.8	-19	97.80	41.74	93.80	39.90	88.20	37.24	85.40	35.92	82.60	34.62	77.20	32.04
	-16.7	-17	99.20	40.46	93.80	37.88	88.20	35.36	85.40	34.12	82.60	32.88	77.20	30.46
	-15	-15.9	99.20	39.26	93.80	36.76	88.20	34.32	85.40	33.10	82.60	31.88	77.20	29.50
	-13.7	-15	99.20	38.12	93.80	35.66	88.20	33.26	85.40	32.08	82.60	30.90	77.20	28.60
	-11.8	-13	99.20	36.36	93.80	34.06	88.20	31.78	85.40	30.64	82.60	29.54	77.20	27.34
	-9.8	-11	99.20	34.50	93.80	32.34	88.20	30.22	85.40	29.16	82.60	28.14	77.20	26.08
	-9.5	-10	99.20	33.66	93.80	31.56	88.20	29.50	85.40	28.48	82.60	27.46	77.20	25.48
	-8.5	-9.1	99.20	32.86	93.80	30.82	88.20	28.80	85.40	27.80	82.60	26.82	77.20	24.88
	-7	-7.6	99.20	31.58	93.80	29.62	88.20	27.68	85.40	26.74	82.60	25.80	77.20	23.94
	-5	-5.6	99.20	29.92	93.80	28.08	88.20	26.28	85.40	25.38	82.60	24.50	77.20	22.74
	-3	-3.7	99.20	28.42	93.80	26.68	88.20	24.98	85.40	24.14	82.60	23.30	77.20	21.64
	0	-0.7	99.20	26.22	93.80	24.64	88.20	23.08	85.40	22.32	82.60	21.56	77.20	20.04
	3	2.2	99.20	24.30	93.80	22.84	88.20	21.42	85.40	20.72	82.60	20.02	77.20	18.64
	5	4.1	99.20	23.12	93.80	21.74	88.20	20.40	85.40	19.72	82.60	19.06	77.20	17.76
	7	6	99.20	21.94	93.80	20.66	88.20	19.38	85.40	18.76	82.60	18.12	77.20	16.90
	9	7.9	99.20	20.82	93.80	19.60	88.20	18.42	85.40	17.82	82.60	17.24	77.20	16.08
	11	9.8	99.20	19.74	93.80	18.60	88.20	17.48	85.40	16.94	82.60	16.38	77.20	15.30
	13	11.8	99.20	18.68	93.80	17.60	88.20	16.56	85.40	16.04	82.60	15.52	77.20	14.50
	15	13.7	99.20	17.70	93.80	16.70	88.20	15.70	85.40	15.22	82.60	14.74	77.20	13.78
60	-30	-30.2	71.20	37.24	70.80	37.50	70.40	37.74	70.00	37.88	69.80	38.00	66.20	35.86
	-24.8	-25	82.20	39.68	80.40	39.04	75.60	36.46	73.20	35.20	70.80	33.94	66.20	31.44
	-21.8	-22	85.00	38.58	80.40	36.16	75.60	33.80	73.20	32.62	70.80	31.46	66.20	29.16
	-19.8	-20	85.00	36.66	80.40	34.38	75.60	32.12	73.20	31.02	70.80	29.92	66.20	27.74
	-18.8	-19	85.00	35.74	80.40	33.50	75.60	31.32	73.20	30.24	70.80	29.18	66.20	27.06
	-16.7	-17	85.00	33.94	80.40	31.84	75.60	29.76	73.20	28.74	70.80	27.74	66.20	25.74
	-15	-15.9	85.00	32.92	80.40	30.86	75.60	28.84	73.20	27.84	70.80	26.86	66.20	24.90
	-13.7	-15	85.00	31.92	80.40	29.92	75.60	27.96	73.20	27.00	70.80	26.04	66.20	24.16
	-11.8	-13	85.00	30.48	80.40	28.58	75.60	26.72	73.20	25.80	70.80	24.90	66.20	23.10
	-9.8	-11	85.00	29.02	80.40	27.26	75.60	25.48	73.20	24.60	70.80	23.74	66.20	22.04
	-9.5	-10	85.00	28.32	80.40	26.60	75.60	24.92	73.20	24.08	70.80	23.24	66.20	21.62
	-8.5	-9.1	85.00	27.66	80.40	25.98	75.60	24.34	73.20	23.52	70.80	22.72	66.20	21.12
	-7	-7.6	85.00	26.60	80.40	25.00	75.60	23.42	73.20	22.64	70.80	21.88	66.20	20.34
	-5	-5.6	85.00	25.24	80.40	23.74	75.60	22.26	73.20	21.52	70.80	20.80	66.20	19.36
	-3	-3.7	85.00	24.02	80.40	22.58	75.60	21.18	73.20	20.50	70.80	19.80	66.20	18.44
	0	-0.7	85.00	22.20	80.40	20.90	75.60	19.62	73.20	18.98	70.80	18.36	66.20	17.12
	3	2.2	85.00	20.62	80.40	19.42	75.60	18.24	73.20	17.66	70.80	17.10	66.20	15.96
	5	4.1	85.00	19.64	80.40	18.50	75.60	17.40	73.20	16.84	70.80	16.30	66.20	15.22
	7	6	85.00	18.66	80.40	17.60	75.60	16.56	73.20	16.04	70.80	15.52	66.20	14.50
	9	7.9	85.00	17.74	80.40	16.74	75.60	15.76	73.20	15.26	70.80	14.78	66.20	13.82
	11	9.8	85.00	16.86	80.40	15.92	75.60	14.98	73.20	14.52	70.80	14.08	66.20	13.18
	13	11.8	85.00	15.96	80.40	15.08	75.60	14.22	73.20	13.78	70.80	13.36	66.20	12.52
	15	13.7	85.00	15.16	80.40	14.32	75.60	13.52	73.20	13.12	70.80	12.72	66.20	11.92
50	-30	-30.2	69.80	37.98	67.00	36.34	63.00	33.98	61.00	32.82	59.00	31.66	55.20	29.38
	-24.8	-25	70.80	33.94	67.00	31.86	63.00	29.82	61.00	28.80	59.00	27.80	55.20	25.82

17. ARUM400LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	70.80	31.46	67.00	29.54	63.00	27.66	61.00	26.74	59.00	25.82	55.20	24.00
	-19.8	-20	70.80	29.92	67.00	28.10	63.00	26.32	61.00	25.44	59.00	24.58	55.20	22.84
	-18.8	-19	70.80	29.18	67.00	27.42	63.00	25.68	61.00	24.82	59.00	23.98	55.20	22.30
	-16.7	-17	70.80	27.74	67.00	26.08	63.00	24.44	61.00	23.62	59.00	22.82	55.20	21.24
	-15	-15.9	70.80	26.86	67.00	25.22	63.00	23.64	61.00	22.84	59.00	22.06	55.20	20.52
	-13.7	-15	70.80	26.04	67.00	24.46	63.00	22.92	61.00	22.16	59.00	21.40	55.20	19.90
	-11.8	-13	70.80	24.90	67.00	23.40	63.00	21.92	61.00	21.20	59.00	20.48	55.20	19.06
	-9.8	-11	70.80	23.74	67.00	22.32	63.00	20.92	61.00	20.24	59.00	19.54	55.20	18.20
	-9.5	-10	70.80	23.24	67.00	21.88	63.00	20.54	61.00	19.88	59.00	19.22	55.20	17.92
	-8.5	-9.1	70.80	22.72	67.00	21.40	63.00	20.08	61.00	19.44	59.00	18.80	55.20	17.52
	-7	-7.6	70.80	21.88	67.00	20.60	63.00	19.34	61.00	18.72	59.00	18.12	55.20	16.90
	-5	-5.6	70.80	20.80	67.00	19.60	63.00	18.40	61.00	17.82	59.00	17.24	55.20	16.10
	-3	-3.7	70.80	19.80	67.00	18.68	63.00	17.56	61.00	17.00	59.00	16.46	55.20	15.38
	0	-0.7	70.80	18.36	67.00	17.32	63.00	16.30	61.00	15.80	59.00	15.30	55.20	14.30
	3	2.2	70.80	17.10	67.00	16.14	63.00	15.20	61.00	14.74	59.00	14.28	55.20	13.38
	5	4.1	70.80	16.30	67.00	15.40	63.00	14.52	61.00	14.08	59.00	13.64	55.20	12.78
	7	6	70.80	15.52	67.00	14.68	63.00	13.84	61.00	13.42	59.00	13.02	55.20	12.20
	9	7.9	70.80	14.78	67.00	13.98	63.00	13.20	61.00	12.80	59.00	12.42	55.20	11.66
	11	9.8	70.80	14.08	67.00	13.32	63.00	12.58	61.00	12.22	59.00	11.86	55.20	11.14
	13	11.8	70.80	13.36	67.00	12.66	63.00	11.96	61.00	11.62	59.00	11.28	55.20	10.60
	15	13.7	70.80	12.72	67.00	12.06	63.00	11.40	61.00	11.08	59.00	10.76	55.20	10.12

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

17. ARUM400LTE6

17.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	75.20	35.02	74.60	35.32	74.00	35.62	73.80	35.76	73.60	35.92	73.00	36.20
	-24.8	-25	87.40	36.82	86.80	37.16	86.20	37.48	85.80	37.64	85.60	37.82	85.00	38.14
	-21.8	-22	95.00	37.86	94.40	38.22	93.80	38.56	93.40	38.74	93.20	38.90	92.40	39.24
	-19.8	-20	100.4	38.56	99.80	38.92	99.00	39.28	98.60	39.46	98.40	39.64	97.80	40.00
	-18.8	-19	103.2	38.90	102.4	39.28	101.8	39.66	101.4	39.84	101.0	40.02	100.4	40.36
	-16.7	-17	108.8	39.62	108.2	40.00	107.4	40.38	107.0	40.58	106.8	40.76	106.0	41.12
	-15	-15.9	112.4	40.02	111.6	40.42	110.8	40.82	110.4	41.00	110.0	41.20	109.4	41.56
	-13.7	-15	115.2	40.38	114.4	40.78	113.8	41.18	113.4	41.38	113.0	41.58	112.4	41.96
	-11.8	-13	121.2	41.08	120.4	41.50	119.6	41.90	119.2	42.10	118.8	42.30	118.0	42.70
	-9.8	-11	127.8	41.82	126.8	42.24	126.0	42.66	125.6	42.86	125.2	43.06	124.4	43.46
	-9.5	-10	130.8	42.16	130.0	42.58	129.2	43.02	128.8	43.22	128.2	43.44	127.4	43.84
	-8.5	-9.1	134.0	42.50	133.0	42.94	132.2	43.36	131.8	43.58	131.4	43.78	130.4	44.20
	-7	-7.6	139.2	43.06	138.4	43.52	137.4	43.96	137.0	44.16	136.4	44.38	135.6	44.80
	-5	-5.6	146.6	43.84	145.6	44.30	144.6	44.74	144.2	44.96	143.6	45.18	142.6	45.62
	-3	-3.7	153.8	44.58	152.8	45.06	151.8	45.52	151.2	45.74	150.8	45.98	143.4	43.46
	0	-0.7	165.8	45.80	164.6	46.28	163.6	46.76	158.6	45.08	153.6	43.34	143.4	39.90
	3	2.2	177.8	46.98	174.0	46.38	163.8	43.08	158.6	41.48	153.6	39.88	143.4	36.76
	5	4.1	174.4	43.06	164.0	40.00	153.8	37.02	148.6	35.56	143.4	34.12	133.0	31.28
	7	6	164.2	37.02	153.8	34.24	143.4	31.54	138.2	30.20	132.8	28.90	122.4	26.32
	9	7.9	153.8	31.46	143.2	28.98	132.6	26.54	127.4	25.36	122.0	24.18	111.4	21.86
	11	9.8	143.0	26.46	132.4	24.26	121.6	22.10	116.2	21.04	110.8	19.98	100.0	17.92
	13	11.8	131.8	21.94	121.0	20.00	110.2	18.10	104.8	17.16	99.40	16.24	88.20	14.42
	15	13.7	120.2	18.02	109.4	16.32	98.40	14.64	92.80	13.82	87.40	13.02	76.20	11.42
120	-30	-30.2	74.80	35.18	74.20	35.48	73.80	35.78	73.60	35.92	73.20	36.06	72.80	36.36
	-24.8	-25	87.00	37.04	86.40	37.36	85.80	37.70	85.40	37.86	85.20	38.02	84.60	38.34
	-21.8	-22	94.60	38.12	94.00	38.46	93.20	38.80	93.00	38.98	92.60	39.14	92.00	39.48
	-19.8	-20	99.80	38.84	99.20	39.20	98.60	39.56	98.20	39.74	97.80	39.90	97.20	40.26
	-18.8	-19	102.6	39.20	102.0	39.56	101.2	39.94	100.8	40.12	100.6	40.28	99.80	40.64
	-16.7	-17	108.2	39.94	107.6	40.32	106.8	40.70	106.4	40.88	106.2	41.06	105.4	41.42
	-15	-15.9	111.6	40.36	111.0	40.76	110.2	41.14	109.8	41.32	109.4	41.52	108.8	41.88
	-13.7	-15	114.6	40.74	113.8	41.14	113.2	41.52	112.8	41.72	112.4	41.90	111.8	42.28
	-11.8	-13	120.6	41.46	119.8	41.88	119.0	42.28	118.6	42.46	118.2	42.66	117.4	43.04
	-9.8	-11	127.0	42.24	126.0	42.66	125.2	43.06	124.8	43.26	124.4	43.46	123.6	43.86
	-9.5	-10	130.0	42.60	129.2	43.02	128.2	43.44	127.8	43.64	127.4	43.84	126.6	44.24
	-8.5	-9.1	133.0	42.96	132.2	43.38	131.2	43.80	130.8	44.00	130.4	44.22	129.6	44.62
	-7	-7.6	138.2	43.56	137.4	43.98	136.4	44.42	136.0	44.62	135.6	44.84	132.2	44.10
	-5	-5.6	145.4	44.36	144.4	44.82	143.4	45.26	143.0	45.46	141.8	45.30	132.2	41.70
	-3	-3.7	152.6	45.16	151.6	45.62	150.6	46.06	146.4	44.62	141.8	42.90	132.2	39.52
	0	-0.7	164.2	46.44	160.6	45.76	151.2	42.54	146.4	40.94	141.8	39.38	132.2	36.32
	3	2.2	170.0	45.10	160.6	42.10	151.2	39.16	146.4	37.72	141.8	36.30	132.2	33.50
	5	4.1	161.0	39.10	151.4	36.38	142.0	33.70	137.2	32.40	132.4	31.10	122.8	28.56
	7	6	151.6	33.66	142.0	31.18	132.4	28.76	127.6	27.56	122.6	26.40	113.0	24.08
	9	7.9	142.0	28.66	132.2	26.44	122.4	24.26	117.6	23.20	112.6	22.14	102.8	20.06
	11	9.8	132.0	24.18	122.2	22.20	112.2	20.26	107.4	19.30	102.4	18.36	92.40	16.50
	13	11.8	121.6	20.10	111.8	18.36	101.8	16.64	96.80	15.80	91.60	14.96	81.40	13.32

17. ARUM400LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	111.0	16.56	101.0	15.02	90.80	13.52	85.80	12.78	80.60	12.06	70.20	10.60
110	-30	-30.2	74.40	35.38	74.00	35.68	73.40	35.96	73.20	36.12	73.00	36.26	72.40	36.54
	-24.8	-25	86.60	37.30	86.00	37.62	85.40	37.94	85.00	38.10	84.80	38.26	84.20	38.56
	-21.8	-22	94.00	38.42	93.40	38.76	92.80	39.10	92.40	39.26	92.20	39.42	91.60	39.76
	-19.8	-20	99.20	39.16	98.60	39.52	98.00	39.86	97.60	40.04	97.40	40.22	96.60	40.54
	-18.8	-19	102.0	39.54	101.2	39.90	100.6	40.26	100.2	40.44	100.0	40.60	99.40	40.96
	-16.7	-17	107.6	40.32	106.8	40.68	106.2	41.06	105.8	41.24	105.4	41.42	104.8	41.76
	-15	-15.9	110.8	40.76	110.2	41.14	109.4	41.52	109.0	41.70	108.8	41.88	108.0	42.24
	-13.7	-15	113.8	41.14	113.0	41.54	112.4	41.92	112.0	42.12	111.6	42.30	111.0	42.66
	-11.8	-13	119.6	41.92	118.8	42.32	118.0	42.70	117.6	42.90	117.4	43.08	116.6	43.46
	-9.8	-11	126.0	42.72	125.0	43.14	124.2	43.54	123.8	43.72	123.4	43.92	121.2	43.56
	-9.5	-10	129.0	43.10	128.2	43.52	127.2	43.92	126.8	44.12	126.4	44.32	121.2	42.48
	-8.5	-9.1	132.0	43.48	131.0	43.90	130.2	44.30	129.8	44.52	129.4	44.70	121.2	41.44
	-7	-7.6	137.0	44.12	136.2	44.54	135.2	44.96	134.2	44.88	130.0	43.16	121.2	39.78
	-5	-5.6	144.0	44.98	143.2	45.42	138.6	44.08	134.2	42.44	130.0	40.82	121.2	37.64
	-3	-3.7	151.2	45.82	147.2	44.92	138.6	41.76	134.2	40.22	130.0	38.68	121.2	35.70
	0	-0.7	156.0	44.14	147.2	41.22	138.6	38.36	134.2	36.96	130.0	35.56	121.2	32.84
	3	2.2	156.0	40.62	147.2	37.96	138.6	35.36	134.2	34.08	130.0	32.82	121.2	30.34
	5	4.1	147.6	35.28	138.8	32.86	130.0	30.50	125.8	29.34	121.4	28.18	112.6	25.92
	7	6	139.0	30.42	130.2	28.22	121.4	26.06	116.8	25.02	112.4	23.96	103.6	21.90
	9	7.9	130.2	25.96	121.2	23.98	112.2	22.06	107.8	21.10	103.2	20.16	94.20	18.30
	11	9.8	121.0	21.96	112.0	20.20	103.0	18.46	98.40	17.62	93.80	16.78	84.60	15.10
	13	11.8	111.4	18.32	102.4	16.76	93.20	15.24	88.60	14.48	84.00	13.74	74.80	12.26
	15	13.7	101.6	15.14	92.40	13.78	83.20	12.42	78.60	11.76	73.80	11.10	64.40	9.82
100	-30	-30.2	74.00	35.62	73.60	35.90	73.00	36.20	72.80	36.34	72.60	36.48	72.00	36.76
	-24.8	-25	86.00	37.60	85.40	37.92	84.80	38.24	84.60	38.38	84.20	38.54	83.80	38.84
	-21.8	-22	93.40	38.76	92.80	39.10	92.20	39.42	91.80	39.60	91.60	39.76	91.00	40.08
	-19.8	-20	98.60	39.54	97.80	39.90	97.20	40.24	97.00	40.40	96.60	40.58	96.00	40.90
	-18.8	-19	101.2	39.94	100.6	40.30	99.80	40.64	99.60	40.82	99.20	40.98	98.60	41.32
	-16.7	-17	106.8	40.76	106.0	41.12	105.4	41.48	105.0	41.66	104.6	41.82	104.0	42.16
	-15	-15.9	110.0	41.22	109.2	41.60	108.6	41.96	108.2	42.14	107.8	42.32	107.2	42.66
	-13.7	-15	112.8	41.64	112.2	42.02	111.6	42.40	111.2	42.58	110.8	42.76	110.2	43.12
	-11.8	-13	118.6	42.44	117.8	42.82	117.0	43.20	116.6	43.40	116.4	43.58	110.2	41.08
	-9.8	-11	124.8	43.30	124.0	43.70	123.2	44.08	122.0	43.90	118.2	42.24	110.2	38.96
	-9.5	-10	127.8	43.70	126.8	44.10	126.0	44.46	122.0	42.80	118.2	41.18	110.2	38.00
	-8.5	-9.1	130.6	44.10	129.8	44.50	126.0	43.36	122.0	41.76	118.2	40.18	110.2	37.08
	-7	-7.6	135.6	44.78	133.8	44.72	126.0	41.62	122.0	40.08	118.2	38.58	110.2	35.60
	-5	-5.6	141.8	45.30	133.8	42.30	126.0	39.36	122.0	37.94	118.2	36.50	110.2	33.72
	-3	-3.7	141.8	42.90	133.8	40.08	126.0	37.32	122.0	35.96	118.2	34.62	110.2	32.00
	0	-0.7	141.8	39.38	133.8	36.82	126.0	34.32	122.0	33.08	118.2	31.88	110.2	29.48
	3	2.2	141.8	36.30	133.8	33.96	126.0	31.68	122.0	30.56	118.2	29.44	110.2	27.26
	5	4.1	134.2	31.60	126.2	29.48	118.2	27.40	114.2	26.38	110.2	25.36	102.2	23.36
	7	6	126.4	27.28	118.4	25.36	110.2	23.46	106.2	22.54	102.2	21.60	94.20	19.78
	9	7.9	118.4	23.36	110.2	21.62	102.0	19.90	98.00	19.06	93.80	18.24	85.60	16.60
	11	9.8	110.0	19.80	101.8	18.26	93.60	16.72	89.40	15.98	85.20	15.22	77.00	13.76
	13	11.8	101.4	16.58	93.20	15.20	84.80	13.86	80.60	13.18	76.40	12.52	68.00	11.22
	15	13.7	92.40	13.76	84.00	12.54	75.60	11.36	71.40	10.78	67.20	10.18	58.60	9.04

17. ARUM400LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	73.60	35.90	73.00	36.18	72.60	36.46	72.40	36.60	72.00	36.74	71.60	37.00
	-24.8	-25	85.40	37.96	84.80	38.28	84.20	38.58	84.00	38.74	83.60	38.88	83.00	39.18
	-21.8	-22	92.60	39.18	92.00	39.50	91.40	39.84	91.00	40.00	90.80	40.14	90.20	40.46
	-19.8	-20	97.60	40.00	97.00	40.34	96.40	40.68	96.20	40.84	95.80	41.00	95.20	41.32
	-18.8	-19	100.4	40.42	99.60	40.78	99.00	41.10	98.60	41.28	98.40	41.44	97.80	41.76
	-16.7	-17	105.8	41.28	105.0	41.64	104.4	41.98	104.0	42.16	103.6	42.32	99.20	40.46
	-15	-15.9	109.0	41.78	108.2	42.14	107.6	42.50	107.2	42.66	106.2	42.54	99.20	39.26
	-13.7	-15	111.8	42.22	111.2	42.60	110.4	42.96	109.8	42.98	106.2	41.34	99.20	38.12
	-11.8	-13	117.4	43.06	116.6	43.44	113.4	42.46	109.8	40.92	106.2	39.38	99.20	36.36
	-9.8	-11	123.4	43.98	120.4	43.24	113.4	40.26	109.8	38.80	106.2	37.34	99.20	34.50
	-9.5	-10	126.2	44.40	120.4	42.16	113.4	39.26	109.8	37.84	106.2	36.42	99.20	33.66
	-8.5	-9.1	127.6	44.00	120.4	41.12	113.4	38.32	109.8	36.92	106.2	35.56	99.20	32.86
	-7	-7.6	127.6	42.24	120.4	39.48	113.4	36.78	109.8	35.46	106.2	34.16	99.20	31.58
	-5	-5.6	127.6	39.94	120.4	37.36	113.4	34.82	109.8	33.58	106.2	32.36	99.20	29.92
	-3	-3.7	127.6	37.86	120.4	35.44	113.4	33.04	109.8	31.86	106.2	30.70	99.20	28.42
	0	-0.7	127.6	34.82	120.4	32.60	113.4	30.44	109.8	29.36	106.2	28.30	99.20	26.22
	3	2.2	127.6	32.14	120.4	30.12	113.4	28.14	109.8	27.16	106.2	26.20	99.20	24.30
	5	4.1	120.8	28.04	113.6	26.20	106.4	24.40	102.8	23.50	99.20	22.62	92.00	20.86
	7	6	113.8	24.26	106.6	22.58	99.20	20.94	95.60	20.12	92.00	19.32	84.80	17.74
	9	7.9	106.4	20.82	99.20	19.32	91.80	17.82	88.20	17.10	84.60	16.36	77.20	14.92
	11	9.8	99.00	17.72	91.60	16.36	84.20	15.04	80.40	14.38	76.80	13.72	69.20	12.44
	13	11.8	91.20	14.90	83.80	13.70	76.40	12.50	72.60	11.92	68.80	11.34	61.20	10.20
	15	13.7	83.20	12.42	75.60	11.36	68.20	10.32	64.20	9.80	60.40	9.28	52.60	8.28
80	-30	-30.2	73.00	36.24	72.40	36.52	72.00	36.80	71.80	36.92	71.60	37.06	71.00	37.32
	-24.8	-25	84.60	38.40	84.00	38.72	83.40	39.02	83.20	39.16	82.80	39.30	82.40	39.60
	-21.8	-22	91.60	39.70	91.00	40.02	90.40	40.32	90.20	40.48	89.80	40.64	88.20	40.22
	-19.8	-20	96.60	40.56	96.00	40.90	95.40	41.22	95.00	41.38	94.40	41.34	88.20	38.20
	-18.8	-19	99.20	41.02	98.60	41.34	98.00	41.68	97.60	41.84	94.40	40.30	88.20	37.24
	-16.7	-17	104.4	41.92	103.8	42.26	100.8	41.20	97.60	39.72	94.40	38.26	88.20	35.36
	-15	-15.9	107.6	42.46	107.0	42.80	100.8	39.98	97.60	38.54	94.40	37.12	88.20	34.32
	-13.7	-15	110.4	42.94	107.0	41.70	100.8	38.82	97.60	37.40	94.40	36.00	88.20	33.26
	-11.8	-13	113.4	42.46	107.0	39.72	100.8	37.02	97.60	35.70	94.40	34.40	88.20	31.78
	-9.8	-11	113.4	40.26	107.0	37.66	100.8	35.14	97.60	33.88	94.40	32.64	88.20	30.22
	-9.5	-10	113.4	39.26	107.0	36.74	100.8	34.28	97.60	33.06	94.40	31.86	88.20	29.50
	-8.5	-9.1	113.4	38.32	107.0	35.86	100.8	33.46	97.60	32.28	94.40	31.10	88.20	28.80
	-7	-7.6	113.4	36.78	107.0	34.44	100.8	32.14	97.60	31.02	94.40	29.90	88.20	27.68
	-5	-5.6	113.4	34.82	107.0	32.62	100.8	30.46	97.60	29.40	94.40	28.34	88.20	26.26
	-3	-3.7	113.4	33.04	107.0	30.96	100.8	28.92	97.60	27.92	94.40	26.94	88.20	24.98
	0	-0.7	113.4	30.44	107.0	28.54	100.8	26.68	97.60	25.78	94.40	24.86	88.20	23.08
	3	2.2	113.4	28.14	107.0	26.40	100.8	24.72	97.60	23.88	94.40	23.04	88.20	21.42
	5	4.1	107.4	24.62	101.0	23.04	94.60	21.48	91.40	20.72	88.20	19.94	81.80	18.44
	7	6	101.0	21.36	94.60	19.92	88.20	18.50	85.00	17.80	81.80	17.10	75.20	15.74
	9	7.9	94.60	18.38	88.20	17.08	81.60	15.80	78.40	15.18	75.20	14.54	68.60	13.30
	11	9.8	88.00	15.70	81.40	14.54	74.80	13.40	71.60	12.82	68.20	12.26	61.60	11.14
	13	11.8	81.00	13.26	74.40	12.22	67.80	11.20	64.40	10.70	61.20	10.20	54.40	9.20
	15	13.7	74.00	11.12	67.20	10.20	60.60	9.30	57.20	8.86	53.80	8.40	46.80	7.52
70	-30	-30.2	72.20	36.68	71.80	36.94	71.20	37.20	71.00	37.34	70.80	37.48	70.40	37.72

17. ARUM400LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	83.40	38.96	83.00	39.26	82.40	39.54	82.20	39.68	82.00	39.82	77.20	37.32
	-21.8	-22	90.40	40.34	89.80	40.64	88.20	40.22	85.40	38.78	82.60	37.36	77.20	34.58
	-19.8	-20	95.40	41.26	93.80	40.96	88.20	38.20	85.40	36.84	82.60	35.50	77.20	32.86
	-18.8	-19	97.80	41.74	93.80	39.90	88.20	37.24	85.40	35.92	82.60	34.62	77.20	32.04
	-16.7	-17	99.20	40.46	93.80	37.88	88.20	35.36	85.40	34.12	82.60	32.88	77.20	30.46
	-15	-15.9	99.20	39.26	93.80	36.76	88.20	34.32	85.40	33.10	82.60	31.88	77.20	29.50
	-13.7	-15	99.20	38.12	93.80	35.66	88.20	33.26	85.40	32.08	82.60	30.90	77.20	28.60
	-11.8	-13	99.20	36.36	93.80	34.06	88.20	31.78	85.40	30.64	82.60	29.54	77.20	27.34
	-9.8	-11	99.20	34.50	93.80	32.34	88.20	30.22	85.40	29.16	82.60	28.14	77.20	26.08
	-9.5	-10	99.20	33.66	93.80	31.56	88.20	29.50	85.40	28.48	82.60	27.46	77.20	25.48
	-8.5	-9.1	99.20	32.86	93.80	30.82	88.20	28.80	85.40	27.80	82.60	26.82	77.20	24.88
	-7	-7.6	99.20	31.58	93.80	29.62	88.20	27.68	85.40	26.74	82.60	25.80	77.20	23.94
	-5	-5.6	99.20	29.92	93.80	28.08	88.20	26.28	85.40	25.38	82.60	24.50	77.20	22.74
	-3	-3.7	99.20	28.42	93.80	26.68	88.20	24.98	85.40	24.14	82.60	23.30	77.20	21.64
	0	-0.7	99.20	26.22	93.80	24.64	88.20	23.08	85.40	22.32	82.60	21.56	77.20	20.04
	3	2.2	99.20	24.30	93.80	22.84	88.20	21.42	85.40	20.72	82.60	20.02	77.20	18.64
	5	4.1	94.00	21.32	88.40	19.98	82.80	18.66	80.00	18.02	77.20	17.38	71.60	16.10
	7	6	88.40	18.54	82.80	17.34	77.20	16.14	74.40	15.54	71.60	14.96	65.80	13.80
	9	7.9	82.80	16.04	77.20	14.94	71.40	13.86	68.60	13.32	65.80	12.78	60.00	11.74
	11	9.8	77.00	13.76	71.20	12.78	65.60	11.80	62.60	11.32	59.80	10.84	53.80	9.88
	13	11.8	71.00	11.68	65.20	10.80	59.40	9.94	56.40	9.50	53.40	9.08	47.60	8.24
	15	13.7	64.80	9.86	58.80	9.08	53.00	8.30	50.00	7.92	47.00	7.56	41.00	6.80
60	-30	-30.2	71.20	37.24	70.80	37.50	70.40	37.74	70.00	37.88	69.80	38.00	66.20	35.86
	-24.8	-25	82.20	39.68	80.40	39.04	75.60	36.46	73.20	35.20	70.80	33.94	66.20	31.44
	-21.8	-22	85.00	38.58	80.40	36.16	75.60	33.80	73.20	32.62	70.80	31.46	66.20	29.16
	-19.8	-20	85.00	36.66	80.40	34.38	75.60	32.12	73.20	31.02	70.80	29.92	66.20	27.74
	-18.8	-19	85.00	35.74	80.40	33.50	75.60	31.32	73.20	30.24	70.80	29.18	66.20	27.06
	-16.7	-17	85.00	33.94	80.40	31.84	75.60	29.76	73.20	28.74	70.80	27.74	66.20	25.74
	-15	-15.9	85.00	32.92	80.40	30.86	75.60	28.84	73.20	27.84	70.80	26.86	66.20	24.90
	-13.7	-15	85.00	31.92	80.40	29.92	75.60	27.96	73.20	27.00	70.80	26.04	66.20	24.16
	-11.8	-13	85.00	30.48	80.40	28.58	75.60	26.72	73.20	25.80	70.80	24.90	66.20	23.10
	-9.8	-11	85.00	29.02	80.40	27.26	75.60	25.48	73.20	24.60	70.80	23.74	66.20	22.04
	-9.5	-10	85.00	28.32	80.40	26.60	75.60	24.92	73.20	24.08	70.80	23.24	66.20	21.62
	-8.5	-9.1	85.00	27.66	80.40	25.98	75.60	24.34	73.20	23.52	70.80	22.72	66.20	21.12
	-7	-7.6	85.00	26.60	80.40	25.00	75.60	23.42	73.20	22.64	70.80	21.88	66.20	20.34
	-5	-5.6	85.00	25.24	80.40	23.74	75.60	22.26	73.20	21.52	70.80	20.80	66.20	19.36
	-3	-3.7	85.00	24.02	80.40	22.58	75.60	21.18	73.20	20.50	70.80	19.80	66.20	18.44
	0	-0.7	85.00	22.20	80.40	20.90	75.60	19.62	73.20	18.98	70.80	18.36	66.20	17.12
	3	2.2	85.00	20.62	80.40	19.42	75.60	18.24	73.20	17.66	70.80	17.10	66.20	15.96
	5	4.1	80.40	18.14	75.80	17.04	71.00	15.96	68.60	15.42	66.20	14.90	61.40	13.84
	7	6	75.80	15.84	71.00	14.84	66.20	13.86	63.80	13.38	61.40	12.90	56.40	11.94
	9	7.9	71.00	13.76	66.20	12.86	61.20	11.96	58.80	11.52	56.40	11.08	51.40	10.22
	11	9.8	66.00	11.88	61.00	11.06	56.20	10.26	53.60	9.86	51.20	9.46	46.20	8.68
	13	11.8	60.80	10.16	55.80	9.42	50.80	8.70	48.40	8.34	45.80	8.00	40.80	7.28
	15	13.7	55.40	8.64	50.40	7.98	45.40	7.34	42.80	7.04	40.20	6.72	35.20	6.10
50	-30	-30.2	69.80	37.98	67.00	36.34	63.00	33.98	61.00	32.82	59.00	31.66	55.20	29.38
	-24.8	-25	70.80	33.94	67.00	31.86	63.00	29.82	61.00	28.80	59.00	27.80	55.20	25.82

17. ARUM400LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	70.80	31.46	67.00	29.54	63.00	27.66	61.00	26.74	59.00	25.82	55.20	24.00
	-19.8	-20	70.80	29.92	67.00	28.10	63.00	26.32	61.00	25.44	59.00	24.58	55.20	22.84
	-18.8	-19	70.80	29.18	67.00	27.42	63.00	25.68	61.00	24.82	59.00	23.98	55.20	22.30
	-16.7	-17	70.80	27.74	67.00	26.08	63.00	24.44	61.00	23.62	59.00	22.82	55.20	21.24
	-15	-15.9	70.80	26.86	67.00	25.22	63.00	23.64	61.00	22.84	59.00	22.06	55.20	20.52
	-13.7	-15	70.80	26.04	67.00	24.46	63.00	22.92	61.00	22.16	59.00	21.40	55.20	19.90
	-11.8	-13	70.80	24.90	67.00	23.40	63.00	21.92	61.00	21.20	59.00	20.48	55.20	19.06
	-9.8	-11	70.80	23.74	67.00	22.32	63.00	20.92	61.00	20.24	59.00	19.54	55.20	18.20
	-9.5	-10	70.80	23.24	67.00	21.88	63.00	20.54	61.00	19.88	59.00	19.22	55.20	17.92
	-8.5	-9.1	70.80	22.72	67.00	21.40	63.00	20.08	61.00	19.44	59.00	18.80	55.20	17.52
	-7	-7.6	70.80	21.88	67.00	20.60	63.00	19.34	61.00	18.72	59.00	18.12	55.20	16.90
	-5	-5.6	70.80	20.80	67.00	19.60	63.00	18.40	61.00	17.82	59.00	17.24	55.20	16.10
	-3	-3.7	70.80	19.80	67.00	18.68	63.00	17.56	61.00	17.00	59.00	16.46	55.20	15.38
	0	-0.7	70.80	18.36	67.00	17.32	63.00	16.30	61.00	15.80	59.00	15.30	55.20	14.30
	3	2.2	70.80	17.10	67.00	16.14	63.00	15.20	61.00	14.74	59.00	14.28	55.20	13.38
	5	4.1	67.00	15.10	63.20	14.22	59.20	13.36	57.20	12.94	55.20	12.50	51.20	11.66
	7	6	63.20	13.26	59.20	12.46	55.20	11.68	53.20	11.28	51.20	10.90	47.00	10.12
	9	7.9	59.20	11.58	55.20	10.86	51.00	10.14	49.00	9.80	47.00	9.44	42.80	8.74
	11	9.8	55.00	10.08	51.00	9.42	46.80	8.76	44.80	8.44	42.60	8.12	38.40	7.50
	13	11.8	50.60	8.68	46.60	8.10	42.40	7.52	40.20	7.22	38.20	6.94	34.00	6.38
	15	13.7	46.20	7.46	42.00	6.94	37.80	6.42	35.80	6.16	33.60	5.90	29.20	5.40

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

17. ARUM400LTE6

17.5 Capacity Correction Factor

17.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
-60	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-50	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-40	-	-	-	-	94.0	93.0	92.0	91.0	90.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-20	-	-	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
30	-	-	-	97.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
50	-	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
60	-	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	79.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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17.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

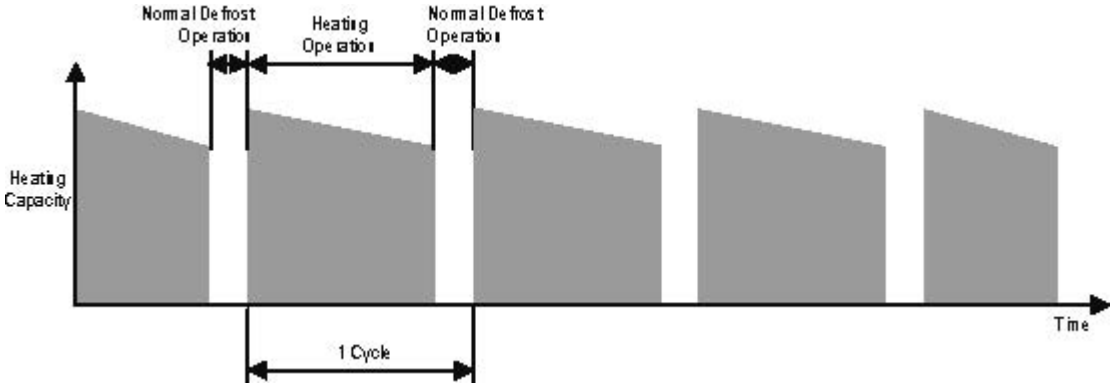
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

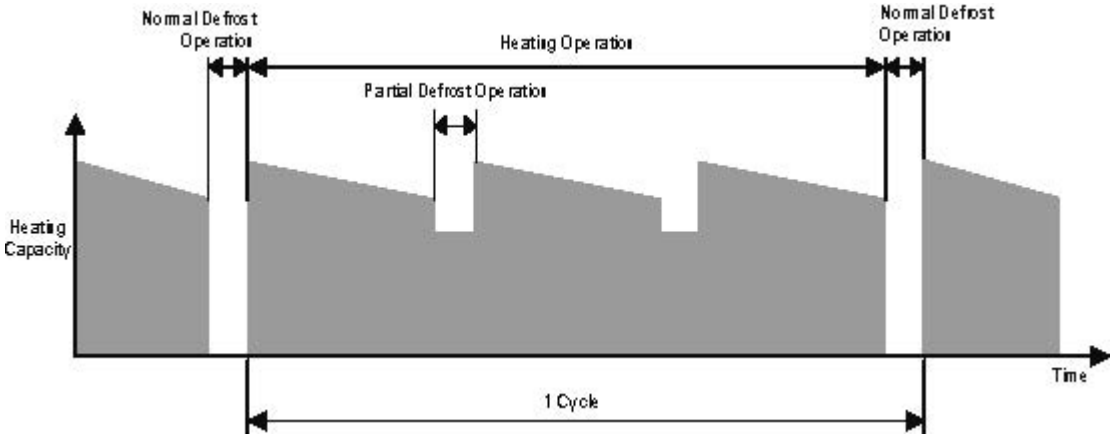
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

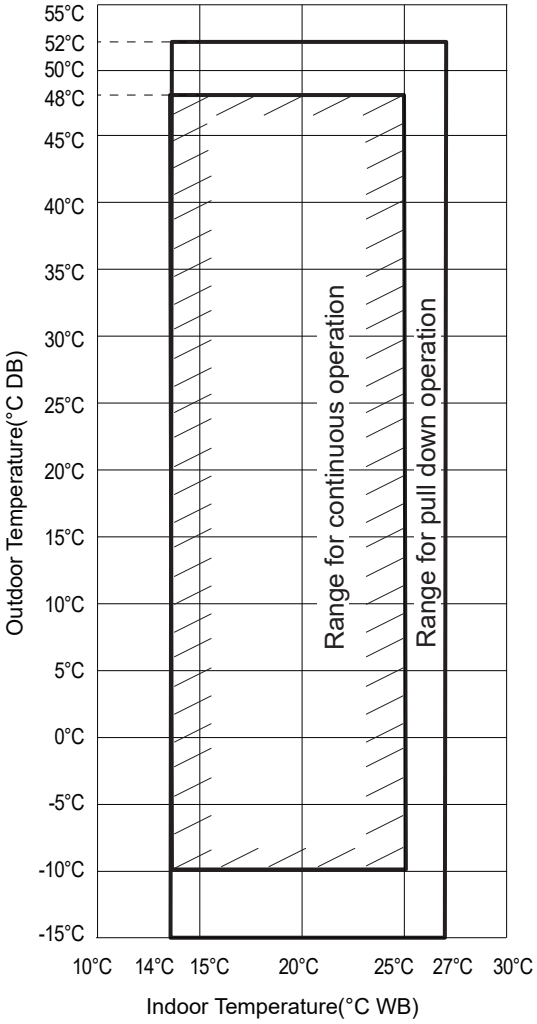


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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17.6 Operation Limits

17.6.1 Cooling

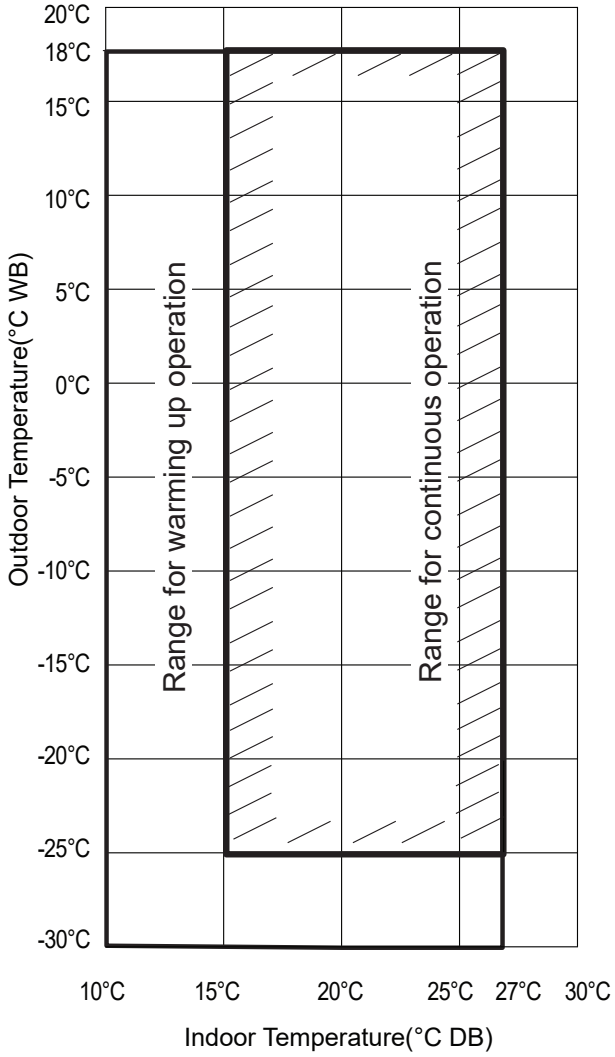


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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17.6.2 Heating

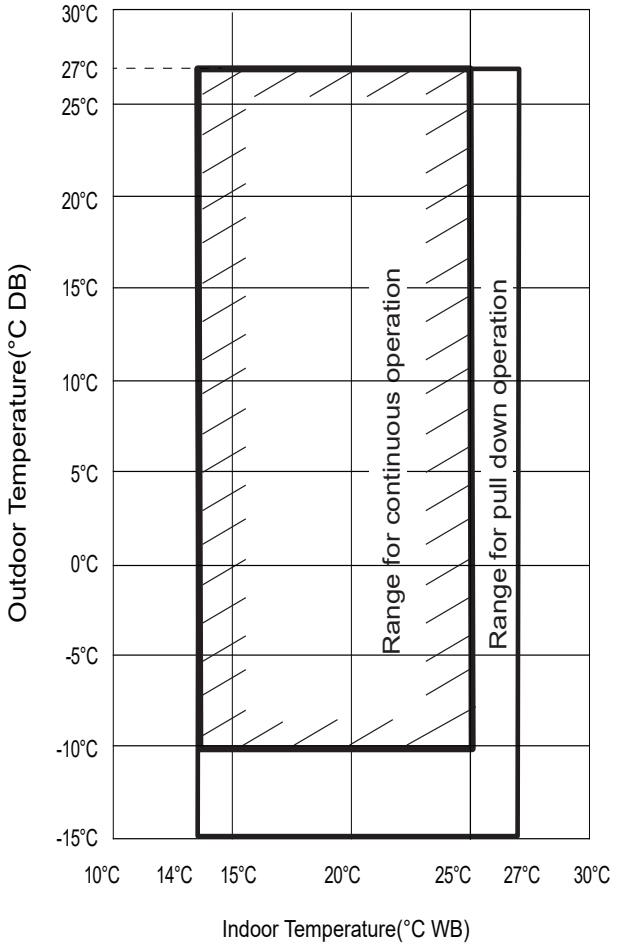


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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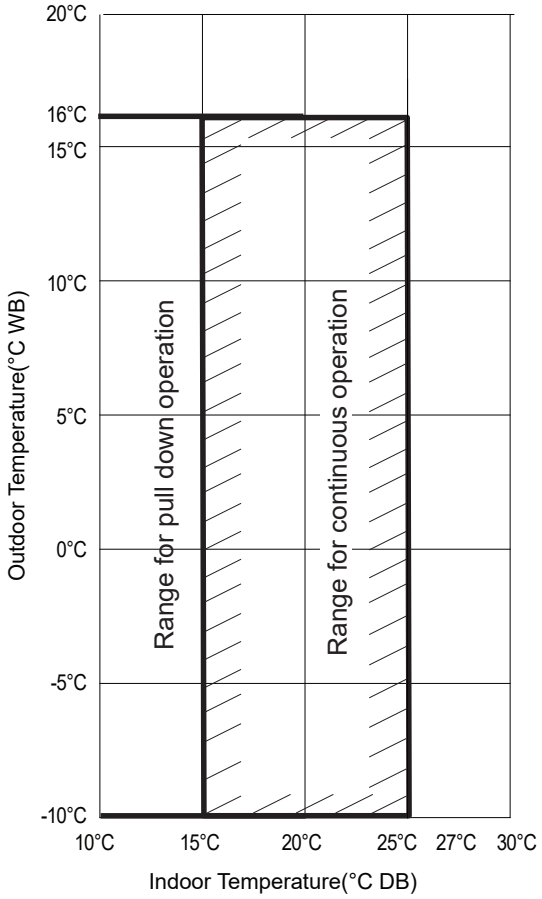
17.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

17.6.4 Simultaneous Operation (Heating)



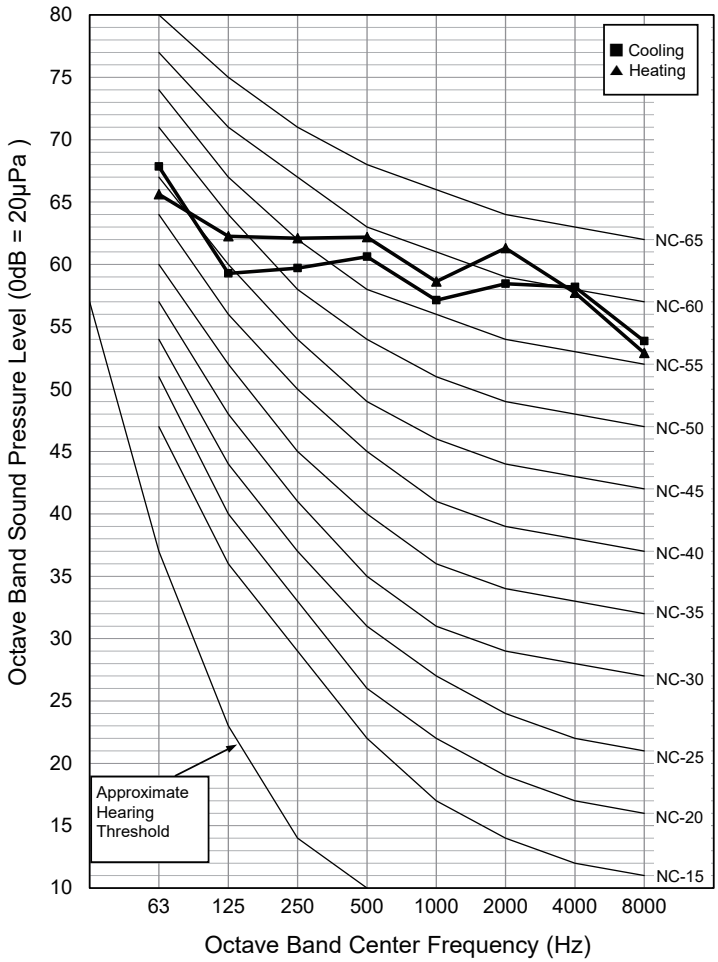
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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17.7 Sound Levels

17.7.1 Pressure Levels



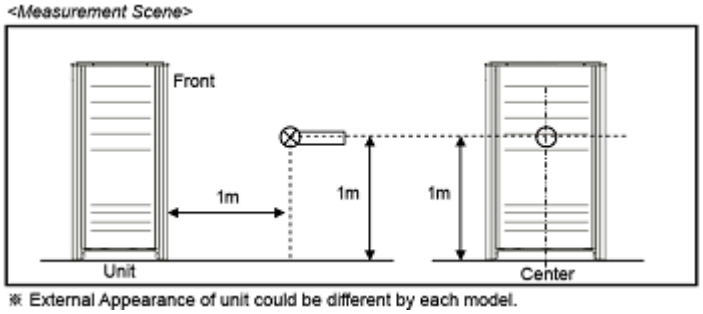
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	67.9	59.3	59.7	60.6	57.1	58.5	58.2	53.9
Heating[dB]	65.6	62.3	62.1	62.2	58.6	61.3	57.7	52.9

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	65.0 / 66.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

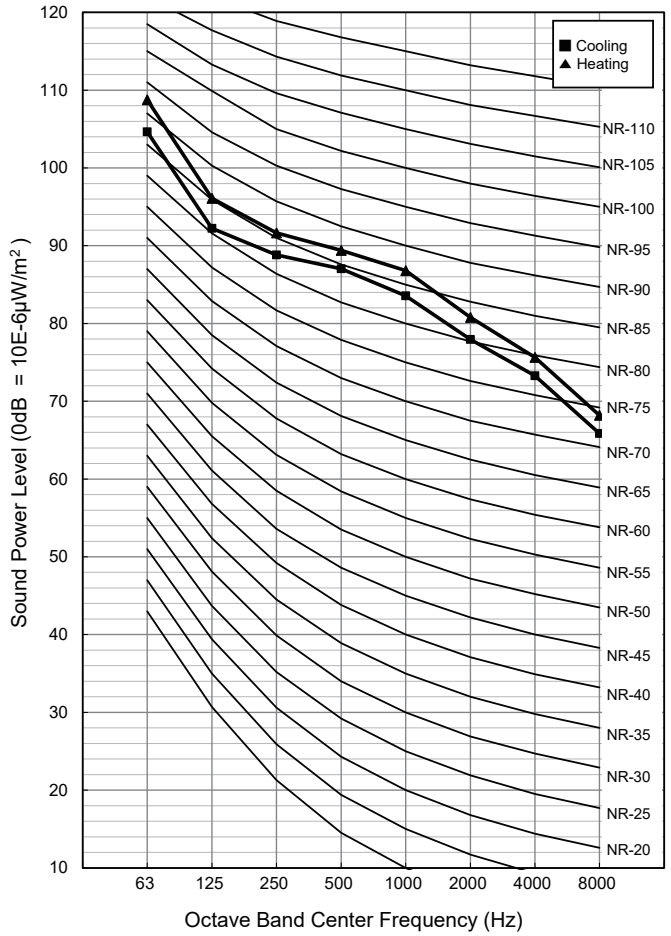
<Measurement Scene>



※ External Appearance of unit could be different by each model.

17. ARUM400LTE6

17.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	104.6	92.2	88.8	87.0	83.5	77.9	73.3	65.9
Heating[dB]	108.8	96.1	91.7	89.4	86.8	80.8	75.6	68.2

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	89.0 / 92.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

18. ARUM420LTE6

18.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXB
	Combination Unit (1)	-	ARUM220LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	64.6 - 61.37 - 59.15
	Running Current by Voltage (Heating,Rated)	A	46.72 - 44.39 - 42.78
Cooling Capacity	Rated	kW	117.6
		Btu/h	401,300
Heating Capacity	Rated	kW	117.6
		Btu/h	401,300
	Max	kW	132.3
		Btu/h	451,400
Power Input(Cooling)	Rated	kW	39.54
Power Input(Heating)	Rated	kW	28.60
Efficiency	EER(Rated)	W/W	2.97
	COP(Rated)	W/W	4.11
	SEER	Wh/Wh	7.81
	SCOP	Wh/Wh	4.87
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 4
	Number of Revolution	rev./min	3,600 x 4
	Motor Output	W x No.	5,300 x 4
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	3
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,640 x 1,745 x 760
	Shipping(W x H x D)	mm	1,675 x 1,919 x 787
Weight	Net	kg	(362 x 1) + (300 x 1)
	Shipping	kg	(372 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

18. ARUM420LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	32.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	66.800
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	66.1 / 67.9
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	88.1 / 91.5
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	95.3
	Maximum Fuse Amperes (MFA)	A	125
	Total Over Current Amperes (TOCA)	A	106.0
	Comp_Maximum Starting Current (MSC)	A	23.6
	Comp_Rated Load Amperes (Cooling)	A	57.1
	Comp_Rated Load Amperes (Heating)	A	39.2
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	7.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

18. ARUM420LTE6

18.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

18. ARUM420LTE6

18.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

18. ARUM420LTE6

18.4 Capacity Tables

18.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	91.80	9.98	115.9	13.74	141.9	19.86	152.8	23.20	165.1	27.60	175.6	31.19	183.8	33.96
	12	91.80	10.90	115.9	15.17	141.9	21.91	152.8	25.53	165.1	30.25	175.6	33.81	183.8	36.65
	14	91.80	11.93	115.9	16.74	141.9	24.15	152.8	28.08	165.1	33.04	175.6	36.66	183.8	39.57
	16	91.80	13.07	115.9	18.48	141.9	26.61	152.8	30.87	165.1	35.97	175.6	39.72	183.8	42.72
	18	91.80	14.35	115.9	20.39	141.9	29.30	152.8	33.92	165.1	39.12	175.6	42.88	183.8	45.67
	20	91.80	15.76	115.9	22.48	141.9	32.25	152.8	37.20	165.1	42.05	175.6	45.31	183.8	47.78
	21	91.80	16.53	115.9	23.61	141.9	33.78	152.8	38.68	165.1	43.09	175.6	46.37	183.8	48.83
	23	91.80	18.18	115.9	26.01	141.9	36.28	152.8	41.09	165.1	45.28	175.6	48.60	183.8	51.09
	25	91.80	19.98	115.9	28.17	141.9	38.58	152.8	43.50	165.1	47.62	175.6	51.02	183.8	53.56
	27	91.80	21.72	115.9	30.01	141.9	41.06	152.8	45.88	165.1	50.14	175.6	53.66	183.8	56.29
	29	91.80	23.16	115.9	31.98	141.9	43.74	152.8	48.42	165.1	52.86	175.6	56.55	183.8	59.32
	31	91.80	24.69	115.9	34.09	141.9	46.66	152.8	51.15	165.1	55.83	175.6	59.78	183.8	62.78
	33	91.80	26.33	115.9	36.35	141.9	49.69	152.8	54.10	165.1	59.12	174.7	63.04	175.8	63.50
	35	91.80	28.07	115.9	38.77	141.9	52.61	152.8	57.33	163.8	62.21	164.0	62.35	164.1	62.37
	37	91.80	29.93	115.9	41.38	141.9	55.78	152.0	60.57	152.7	60.85	152.5	60.82	152.5	60.82
	39	91.80	31.91	115.9	44.20	141.2	58.94	141.3	59.04	141.3	59.00	141.2	58.99	141.2	58.98
	41	91.80	34.03	115.9	47.27	130.5	57.06	130.4	57.03	130.3	56.99	130.3	56.99	130.3	57.01
	43	91.80	36.32	115.9	50.65	119.9	53.48	119.8	53.47	119.8	53.40	119.8	53.47	119.7	53.41
	46	91.80	40.05	105.0	48.33	104.9	48.29	104.9	48.32	104.8	48.26	104.7	48.20	104.9	48.30
	48	91.80	42.80	95.60	45.20	95.40	45.17	95.40	45.15	95.50	45.20	95.40	45.17	95.40	45.17
	50	86.90	42.46	86.70	42.43	86.60	42.37	86.60	42.38	86.50	42.33	86.40	42.32	86.50	42.36
	52	77.50	38.59	77.90	37.71	78.20	36.89	78.30	36.74	78.20	36.51	78.20	36.36	78.20	36.26
120	10	84.80	9.17	107.1	12.16	131.0	16.99	141.1	19.62	152.4	23.07	162.1	26.45	169.7	29.25
	12	84.80	9.95	107.1	13.39	131.0	18.77	141.1	21.66	152.4	25.39	162.1	29.02	169.7	31.81
	14	84.80	10.84	107.1	14.75	131.0	20.73	141.1	23.88	152.4	27.92	162.1	31.83	169.7	34.59
	16	84.80	11.83	107.1	16.25	131.0	22.87	141.1	26.31	152.4	30.70	162.1	34.88	169.7	37.58
	18	84.80	12.95	107.1	17.92	131.0	25.22	141.1	28.97	152.4	33.74	162.1	38.00	169.7	40.81
	20	84.80	14.18	107.1	19.76	131.0	27.79	141.1	31.89	152.4	37.01	162.1	40.99	169.7	43.46
	21	84.80	14.84	107.1	20.74	131.0	29.16	141.1	33.43	152.4	38.48	162.1	42.11	169.7	44.52
	23	84.80	16.30	107.1	22.85	131.0	31.85	141.1	35.92	152.4	40.91	162.1	44.30	169.7	46.73
	25	84.80	17.89	107.1	25.03	131.0	33.92	141.1	38.21	152.4	43.36	162.1	46.61	169.7	49.11
	27	84.80	19.59	107.1	26.74	131.0	36.12	141.1	40.67	152.4	45.74	162.1	49.09	169.7	51.67
	29	84.80	20.91	107.1	28.50	131.0	38.48	141.1	43.32	152.4	48.27	162.1	51.77	169.7	54.47
	31	84.80	22.29	107.1	30.39	131.0	41.02	141.1	46.20	152.4	50.98	162.1	54.68	169.7	57.54
	33	84.80	23.76	107.1	32.39	131.0	43.76	141.1	49.34	152.4	53.93	162.1	57.87	169.7	60.97
	35	84.80	25.34	107.1	34.54	131.0	46.74	141.1	52.25	152.4	57.15	162.1	61.43	164.2	62.40
	37	84.80	27.02	107.1	36.84	131.0	50.00	141.1	55.40	151.9	60.48	152.7	60.86	152.5	60.80
	39	84.80	28.81	107.1	39.31	131.0	53.62	140.8	58.73	141.4	59.03	141.2	59.01	141.3	59.00
	41	84.80	30.73	107.1	41.98	130.5	57.03	130.5	57.06	130.4	57.02	130.3	56.98	130.2	56.97
	43	84.80	32.77	107.1	44.88	120.0	53.51	119.9	53.46	119.8	53.40	119.8	53.46	119.8	53.45
	46	84.80	36.12	105.0	48.36	104.9	48.25	104.9	48.25	104.9	48.29	104.8	48.27	104.9	48.29
	48	84.80	38.55	95.60	45.20	95.50	45.19	95.60	45.23	95.40	45.16	95.40	45.14	95.50	45.17
	50	84.80	41.17	86.80	42.42	86.60	42.38	86.60	42.40	86.60	42.42	86.30	42.22	86.60	42.34
	52	77.40	38.90	77.80	38.09	78.20	37.23	78.20	37.08	78.20	36.90	78.30	36.77	78.20	36.63
110	10	77.70	8.47	98.10	10.81	120.1	14.55	129.3	16.59	139.7	19.24	148.5	21.83	155.4	24.10
	12	77.70	9.13	98.10	11.85	120.1	16.07	129.3	18.33	139.7	21.24	148.5	24.07	155.4	26.50
	14	77.70	9.89	98.10	13.01	120.1	17.75	129.3	20.24	139.7	23.42	148.5	26.49	155.4	29.12

18. ARUM420LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	77.70	10.73	98.10	14.30	120.1	19.60	129.3	22.34	139.7	25.82	148.5	29.15	155.4	31.99
	18	77.70	11.69	98.10	15.74	120.1	21.63	129.3	24.63	139.7	28.44	148.5	32.05	155.4	35.13
	20	77.70	12.75	98.10	17.31	120.1	23.84	129.3	27.15	139.7	31.31	148.5	35.24	155.4	38.42
	21	77.70	13.33	98.10	18.16	120.1	25.03	129.3	28.50	139.7	32.84	148.5	36.71	155.4	39.89
	23	77.70	14.59	98.10	20.00	120.1	27.58	129.3	31.16	139.7	35.36	148.5	39.16	155.4	42.14
	25	77.70	15.98	98.10	22.01	120.1	29.66	129.3	33.25	139.7	37.61	148.5	41.64	155.4	44.40
	27	77.70	17.52	98.10	23.71	120.1	31.61	129.3	35.40	139.7	40.03	148.5	44.31	155.4	46.82
	29	77.70	18.83	98.10	25.28	120.1	33.68	129.3	37.71	139.7	42.64	148.5	46.86	155.4	49.39
	31	77.70	20.05	98.10	26.95	120.1	35.89	129.3	40.20	139.7	45.47	148.5	49.51	155.4	52.17
	33	77.70	21.37	98.10	28.73	120.1	38.27	129.3	42.87	139.7	48.57	148.5	52.38	155.4	55.19
	35	77.70	22.78	98.10	30.64	120.1	40.83	129.3	45.79	139.7	51.67	148.5	55.48	155.4	58.50
	37	77.70	24.29	98.10	32.66	120.1	43.60	129.3	48.96	139.7	54.77	148.5	58.89	152.6	60.84
	39	77.70	25.91	98.10	34.84	120.1	46.61	129.3	52.48	139.7	58.16	141.3	58.99	141.4	59.03
	41	77.70	27.63	98.10	37.17	120.1	49.91	129.3	56.38	130.6	57.07	130.4	57.04	130.4	57.04
	43	77.70	29.47	98.10	39.68	119.9	53.41	120.0	53.51	119.9	53.46	119.9	53.49	119.8	53.48
	46	77.70	32.47	98.10	43.83	104.9	48.28	104.8	48.26	104.9	48.34	104.9	48.34	104.7	48.21
	48	77.70	34.64	95.60	45.25	95.60	45.25	95.60	45.26	95.60	45.21	95.50	45.21	95.40	45.20
	50	77.70	36.96	86.80	42.47	86.70	42.40	86.60	42.38	86.60	42.36	86.60	42.35	86.60	42.39
	52	77.20	39.09	77.50	38.51	78.10	37.66	78.10	37.47	78.30	37.34	78.10	37.20	78.20	36.95
100	10	70.60	7.86	89.20	9.67	109.2	12.51	117.6	14.05	127.0	16.04	135.0	18.00	141.3	19.70
	12	70.60	8.42	89.20	10.54	109.2	13.78	117.6	15.51	127.0	17.73	135.0	19.89	141.3	21.74
	14	70.60	9.05	89.20	11.51	109.2	15.19	117.6	17.13	127.0	19.59	135.0	21.95	141.3	23.97
	16	70.60	9.77	89.20	12.59	109.2	16.76	117.6	18.90	127.0	21.63	135.0	24.21	141.3	26.42
	18	70.60	10.57	89.20	13.80	109.2	18.48	117.6	20.86	127.0	23.86	135.0	26.68	141.3	29.09
	20	70.60	11.48	89.20	15.16	109.2	20.37	117.6	23.00	127.0	26.29	135.0	29.39	141.3	32.01
	21	70.60	11.96	89.20	15.88	109.2	21.39	117.6	24.15	127.0	27.60	135.0	30.84	141.3	33.56
	23	70.60	13.04	89.20	17.45	109.2	23.57	117.6	26.61	127.0	30.25	135.0	33.47	141.3	36.04
	25	70.60	14.25	89.20	19.18	109.2	25.79	117.6	28.74	127.0	32.32	135.0	35.61	141.3	38.33
	27	70.60	15.58	89.20	20.93	109.2	27.49	117.6	30.63	127.0	34.42	135.0	37.91	141.3	40.80
	29	70.60	16.88	89.20	22.30	109.2	29.30	117.6	32.63	127.0	36.68	135.0	40.38	141.3	43.47
	31	70.60	17.96	89.20	23.77	109.2	31.24	117.6	34.78	127.0	39.09	135.0	43.05	141.3	46.36
	33	70.60	19.13	89.20	25.35	109.2	33.30	117.6	37.08	127.0	41.69	135.0	45.95	141.3	49.47
	35	70.60	20.39	89.20	27.03	109.2	35.50	117.6	39.56	127.0	44.51	135.0	49.12	141.3	52.37
	37	70.60	21.74	89.20	28.82	109.2	37.88	117.6	42.22	127.0	47.58	135.0	52.61	141.3	55.53
	39	70.60	23.18	89.20	30.73	109.2	40.43	117.6	45.12	127.0	50.95	135.0	55.88	140.9	58.81
	41	70.60	24.73	89.20	32.78	109.2	43.18	117.6	48.28	127.0	54.69	130.4	57.00	130.5	57.03
	43	70.60	26.38	89.20	34.96	109.2	46.19	117.6	51.77	119.9	53.47	119.9	53.49	119.9	53.48
	46	70.60	29.07	89.20	38.55	104.9	48.31	105.0	48.30	104.9	48.28	104.9	48.30	104.9	48.27
	48	70.60	31.01	89.20	41.16	95.70	45.25	95.60	45.23	95.50	45.18	95.50	45.19	95.50	45.21
	50	70.60	33.08	86.80	42.41	86.70	42.40	86.70	42.41	86.60	42.36	86.60	42.37	86.60	42.37
	52	70.60	35.29	77.50	38.75	77.70	38.14	77.80	37.86	78.10	37.61	78.20	37.33	78.30	37.19
90	10	63.60	7.35	80.30	8.71	98.30	10.82	105.8	11.96	114.3	13.43	121.6	14.85	127.2	16.10
	12	63.60	7.81	80.30	9.42	98.30	11.87	105.8	13.16	114.3	14.82	121.6	16.41	127.2	17.79
	14	63.60	8.32	80.30	10.22	98.30	13.03	105.8	14.49	114.3	16.36	121.6	18.13	127.2	19.65
	16	63.60	8.91	80.30	11.12	98.30	14.33	105.8	15.97	114.3	18.04	121.6	20.02	127.2	21.69
	18	63.60	9.58	80.30	12.13	98.30	15.76	105.8	17.60	114.3	19.91	121.6	22.08	127.2	23.93
	20	63.60	10.33	80.30	13.26	98.30	17.35	105.8	19.39	114.3	21.95	121.6	24.35	127.2	26.37
	21	63.60	10.75	80.30	13.86	98.30	18.20	105.8	20.36	114.3	23.04	121.6	25.57	127.2	27.69
	23	63.60	11.66	80.30	15.19	98.30	20.03	105.8	22.43	114.3	25.40	121.6	28.14	127.2	30.33
	25	63.60	12.68	80.30	16.65	98.30	22.05	105.8	24.60	114.3	27.57	121.6	30.22	127.2	32.41
	27	63.60	13.82	80.30	18.27	98.30	23.75	105.8	26.30	114.3	29.38	121.6	32.19	127.2	34.51

18. ARUM420LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	63.60	15.06	80.30	19.57	98.30	25.32	105.8	28.03	114.3	31.31	121.6	34.30	127.2	36.77
	31	63.60	16.02	80.30	20.85	98.30	26.99	105.8	29.89	114.3	33.38	121.6	36.56	127.2	39.20
	33	63.60	17.05	80.30	22.23	98.30	28.77	105.8	31.87	114.3	35.59	121.6	38.98	127.2	41.81
	35	63.60	18.15	80.30	23.70	98.30	30.68	105.8	33.98	114.3	37.95	121.6	41.59	127.2	44.62
	37	63.60	19.35	80.30	25.26	98.30	32.72	105.8	36.23	114.3	40.50	121.6	44.42	127.2	47.71
	39	63.60	20.64	80.30	26.94	98.30	34.90	105.8	38.67	114.3	43.25	121.6	47.51	127.2	51.09
	41	63.60	22.01	80.30	28.73	98.30	37.24	105.8	41.28	114.3	46.25	121.6	50.89	127.2	54.85
	43	63.60	23.48	80.30	30.64	98.30	39.75	105.8	44.11	114.3	49.53	120.0	53.51	120.0	53.51
	46	63.60	25.88	80.30	33.76	98.30	43.90	105.0	48.33	105.0	48.29	104.9	48.28	105.0	48.32
	48	63.60	27.62	80.30	36.02	95.70	45.28	95.60	45.24	95.60	45.21	95.50	45.20	95.60	45.22
	50	63.60	29.47	80.30	38.45	86.80	42.47	86.80	42.46	86.70	42.42	86.70	42.42	86.70	42.41
	52	63.60	31.45	77.30	39.02	77.60	38.40	77.80	38.15	78.00	37.86	78.10	37.62	78.30	37.42
80	10	56.50	6.41	71.40	7.92	87.30	9.45	94.10	10.26	101.6	11.30	108.0	12.32	113.1	13.20
	12	56.50	7.29	71.40	8.49	87.30	10.28	94.10	11.22	101.6	12.42	108.0	13.57	113.1	14.56
	14	56.50	7.70	71.40	9.13	87.30	11.22	94.10	12.30	101.6	13.65	108.0	14.96	113.1	16.07
	16	56.50	8.17	71.40	9.86	87.30	12.27	94.10	13.49	101.6	15.03	108.0	16.49	113.1	17.73
	18	56.50	8.71	71.40	10.67	87.30	13.44	94.10	14.82	101.6	16.56	108.0	18.19	113.1	19.56
	20	56.50	9.33	71.40	11.60	87.30	14.73	94.10	16.29	101.6	18.23	108.0	20.05	113.1	21.57
	21	56.50	9.67	71.40	12.09	87.30	15.44	94.10	17.08	101.6	19.13	108.0	21.04	113.1	22.64
	23	56.50	10.43	71.40	13.19	87.30	16.95	94.10	18.80	101.6	21.07	108.0	23.18	113.1	24.95
	25	56.50	11.27	71.40	14.41	87.30	18.62	94.10	20.68	101.6	23.17	108.0	25.39	113.1	27.14
	27	56.50	12.23	71.40	15.76	87.30	20.37	94.10	22.41	101.6	24.86	108.0	27.10	113.1	28.93
	29	56.50	13.31	71.40	17.06	87.30	21.70	94.10	23.89	101.6	26.51	108.0	28.88	113.1	30.84
	31	56.50	14.23	71.40	18.16	87.30	23.14	94.10	25.47	101.6	28.26	108.0	30.79	113.1	32.86
	33	56.50	15.11	71.40	19.35	87.30	24.67	94.10	27.15	101.6	30.13	108.0	32.83	113.1	35.04
	35	56.50	16.08	71.40	20.62	87.30	26.30	94.10	28.94	101.6	32.13	108.0	34.99	113.1	37.37
	37	56.50	17.12	71.40	21.98	87.30	28.05	94.10	30.87	101.6	34.25	108.0	37.32	113.1	39.87
	39	56.50	18.25	71.40	23.45	87.30	29.91	94.10	32.92	101.6	36.54	108.0	39.84	113.1	42.57
	41	56.50	19.47	71.40	25.01	87.30	31.90	94.10	35.12	101.6	39.00	108.0	42.55	113.1	45.50
	43	56.50	20.78	71.40	26.68	87.30	34.02	94.10	37.46	101.6	41.64	108.0	45.49	113.1	48.71
	46	56.50	22.91	71.40	29.40	87.30	37.50	94.10	41.34	101.6	46.05	104.9	48.31	104.9	48.33
	48	56.50	24.47	71.40	31.36	87.30	40.04	94.10	44.19	95.60	45.25	95.60	45.21	95.60	45.21
	50	56.50	26.12	71.40	33.46	86.80	42.42	86.80	42.43	86.70	42.40	86.70	42.37	86.60	42.37
	52	56.50	27.88	71.40	35.69	77.40	38.71	77.60	38.44	77.80	38.14	77.90	37.93	78.10	37.74
70	10	49.50	5.35	62.40	7.22	76.40	8.35	82.30	8.91	88.90	9.63	94.50	10.33	98.90	10.92
	12	49.50	6.83	62.40	7.72	76.40	9.00	82.30	9.66	88.90	10.49	94.50	11.29	98.90	11.98
	14	49.50	7.15	62.40	8.21	76.40	9.72	82.30	10.49	88.90	11.46	94.50	12.37	98.90	13.16
	16	49.50	7.53	62.40	8.78	76.40	10.55	82.30	11.43	88.90	12.54	94.50	13.58	98.90	14.47
	18	49.50	7.96	62.40	9.43	76.40	11.47	82.30	12.49	88.90	13.75	94.50	14.93	98.90	15.92
	20	49.50	8.45	62.40	10.17	76.40	12.50	82.30	13.66	88.90	15.08	94.50	16.41	98.90	17.53
	21	49.50	8.72	62.40	10.57	76.40	13.07	82.30	14.29	88.90	15.81	94.50	17.21	98.90	18.39
	23	49.50	9.33	62.40	11.45	76.40	14.28	82.30	15.67	88.90	17.37	94.50	18.94	98.90	20.24
	25	49.50	10.02	62.40	12.44	76.40	15.65	82.30	17.19	88.90	19.09	94.50	20.84	98.90	22.28
	27	49.50	10.81	62.40	13.55	76.40	17.14	82.30	18.84	88.90	20.84	94.50	22.56	98.90	23.98
	29	49.50	11.71	62.40	14.77	76.40	18.45	82.30	20.16	88.90	22.20	94.50	24.05	98.90	25.57
	31	49.50	12.58	62.40	15.72	76.40	19.65	82.30	21.48	88.90	23.67	94.50	25.65	98.90	27.26
	33	49.50	13.33	62.40	16.73	76.40	20.94	82.30	22.90	88.90	25.24	94.50	27.34	98.90	29.06
	35	49.50	14.16	62.40	17.81	76.40	22.33	82.30	24.42	88.90	26.91	94.50	29.15	98.90	30.99
	37	49.50	15.06	62.40	18.97	76.40	23.80	82.30	26.04	88.90	28.70	94.50	31.08	98.90	33.04
	39	49.50	16.04	62.40	20.24	76.40	25.39	82.30	27.77	88.90	30.60	94.50	33.15	98.90	35.24
	41	49.50	17.11	62.40	21.59	76.40	27.07	82.30	29.62	88.90	32.64	94.50	35.36	98.90	37.60

18. ARUM420LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	49.50	18.26	62.40	23.03	76.40	28.88	82.30	31.58	88.90	34.81	94.50	37.73	98.90	40.14
	46	49.50	20.14	62.40	25.39	76.40	31.82	82.30	34.80	88.90	38.38	94.50	41.63	98.90	44.34
	48	49.50	21.52	62.40	27.10	76.40	33.94	82.30	37.14	88.90	40.98	94.50	44.52	95.70	45.23
	50	49.50	22.99	62.40	28.91	76.40	36.22	82.30	39.64	86.80	42.43	86.80	42.40	86.80	42.42
	52	49.50	24.55	62.40	30.85	76.40	38.65	77.40	38.90	77.50	38.59	77.70	38.30	77.80	38.14
60	10	42.40	4.25	53.50	5.93	65.50	7.49	70.50	7.86	76.20	8.33	81.00	8.78	84.80	9.18
	12	42.40	6.19	53.50	7.09	65.50	7.96	70.50	8.41	76.20	8.97	81.00	9.51	84.80	9.96
	14	42.40	6.46	53.50	7.46	65.50	8.51	70.50	9.03	76.20	9.70	81.00	10.32	84.80	10.85
	16	42.40	6.77	53.50	7.88	65.50	9.13	70.50	9.75	76.20	10.51	81.00	11.24	84.80	11.84
	18	42.40	7.13	53.50	8.38	65.50	9.83	70.50	10.55	76.20	11.43	81.00	12.26	84.80	12.95
	20	42.40	7.54	53.50	8.94	65.50	10.63	70.50	11.46	76.20	12.46	81.00	13.40	84.80	14.19
	21	42.40	7.76	53.50	9.26	65.50	11.07	70.50	11.94	76.20	13.02	81.00	14.02	84.80	14.86
	23	42.40	8.26	53.50	9.94	65.50	12.02	70.50	13.02	76.20	14.24	81.00	15.37	84.80	16.30
	25	42.40	8.83	53.50	10.73	65.50	13.09	70.50	14.21	76.20	15.59	81.00	16.85	84.80	17.90
	27	42.40	9.48	53.50	11.61	65.50	14.28	70.50	15.55	76.20	17.09	81.00	18.48	84.80	19.59
	29	42.40	10.22	53.50	12.61	65.50	15.55	70.50	16.85	76.20	18.40	81.00	19.79	84.80	20.92
	31	42.40	11.04	53.50	13.51	65.50	16.53	70.50	17.93	76.20	19.59	81.00	21.08	84.80	22.30
	33	42.40	11.68	53.50	14.34	65.50	17.59	70.50	19.09	76.20	20.88	81.00	22.48	84.80	23.78
	35	42.40	12.38	53.50	15.25	65.50	18.74	70.50	20.35	76.20	22.26	81.00	23.97	84.80	25.35
	37	42.40	13.15	53.50	16.22	65.50	19.98	70.50	21.69	76.20	23.73	81.00	25.55	84.80	27.03
	39	42.40	13.99	53.50	17.30	65.50	21.31	70.50	23.14	76.20	25.31	81.00	27.25	84.80	28.83
	41	42.40	14.91	53.50	18.44	65.50	22.73	70.50	24.69	76.20	27.00	81.00	29.06	84.80	30.74
	43	42.40	15.91	53.50	19.68	65.50	24.25	70.50	26.33	76.20	28.79	81.00	31.00	84.80	32.79
	46	42.40	17.56	53.50	21.72	65.50	26.73	70.50	29.00	76.20	31.71	81.00	34.15	84.80	36.14
	48	42.40	18.77	53.50	23.19	65.50	28.51	70.50	30.94	76.20	33.83	81.00	36.43	84.80	38.57
	50	42.40	20.06	53.50	24.76	65.50	30.42	70.50	33.01	76.20	36.10	81.00	38.90	84.80	41.20
	52	42.40	21.46	53.50	26.44	65.50	32.45	70.50	35.22	76.20	38.53	77.40	38.91	77.40	38.68
50	10	35.30	3.31	44.60	4.58	54.60	6.09	58.80	6.75	63.50	7.35	67.60	7.63	70.70	7.87
	12	35.30	5.02	44.60	6.39	54.60	7.16	58.80	7.44	63.50	7.80	67.60	8.14	70.70	8.42
	14	35.30	5.77	44.60	6.68	54.60	7.54	58.80	7.88	63.50	8.32	67.60	8.72	70.70	9.05
	16	35.30	6.02	44.60	7.01	54.60	7.98	58.80	8.40	63.50	8.90	67.60	9.37	70.70	9.77
	18	35.30	6.30	44.60	7.39	54.60	8.49	58.80	8.98	63.50	9.57	67.60	10.12	70.70	10.57
	20	35.30	6.62	44.60	7.83	54.60	9.08	58.80	9.64	63.50	10.33	67.60	10.95	70.70	11.48
	21	35.30	6.80	44.60	8.06	54.60	9.40	58.80	10.00	63.50	10.74	67.60	11.41	70.70	11.98
	23	35.30	7.20	44.60	8.60	54.60	10.11	58.80	10.81	63.50	11.64	67.60	12.41	70.70	13.05
	25	35.30	7.66	44.60	9.21	54.60	10.91	58.80	11.71	63.50	12.67	67.60	13.53	70.70	14.25
	27	35.30	8.18	44.60	9.91	54.60	11.83	58.80	12.72	63.50	13.80	67.60	14.78	70.70	15.58
	29	35.30	8.77	44.60	10.70	54.60	12.85	58.80	13.86	63.50	15.04	67.60	16.07	70.70	16.88
	31	35.30	9.43	44.60	11.54	54.60	13.76	58.80	14.79	63.50	16.00	67.60	17.09	70.70	17.97
	33	35.30	10.01	44.60	12.20	54.60	14.61	58.80	15.72	63.50	17.02	67.60	18.19	70.70	19.14
	35	35.30	10.58	44.60	12.93	54.60	15.54	58.80	16.73	63.50	18.13	67.60	19.38	70.70	20.40
	37	35.30	11.20	44.60	13.74	54.60	16.54	58.80	17.82	63.50	19.32	67.60	20.66	70.70	21.75
	39	35.30	11.89	44.60	14.62	54.60	17.63	58.80	19.00	63.50	20.61	67.60	22.03	70.70	23.20
	41	35.30	12.66	44.60	15.58	54.60	18.80	58.80	20.26	63.50	21.98	67.60	23.50	70.70	24.74
	43	35.30	13.51	44.60	16.62	54.60	20.06	58.80	21.62	63.50	23.46	67.60	25.08	70.70	26.39
	46	35.30	14.94	44.60	18.35	54.60	22.14	58.80	23.85	63.50	25.85	67.60	27.63	70.70	29.07
	48	35.30	16.03	44.60	19.60	54.60	23.63	58.80	25.45	63.50	27.58	67.60	29.48	70.70	31.01
	50	35.30	17.23	44.60	20.96	54.60	25.24	58.80	27.16	63.50	29.43	67.60	31.45	70.70	33.09
	52	35.30	18.54	44.60	22.40	54.60	26.94	58.80	28.99	63.50	31.40	67.60	33.55	70.70	35.31

18. ARUM420LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

18. ARUM420LTE6

18.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	25.00	1.85	40.10	2.96	56.90	4.22	60.90	4.53	64.90	4.84	69.10	5.19	73.50	5.62
	12	25.00	1.85	40.10	2.96	56.90	4.25	60.90	4.57	64.90	4.88	69.10	5.23	73.50	5.69
	14	25.00	1.86	40.10	2.98	56.90	4.31	60.90	4.63	64.90	4.96	69.10	5.32	73.50	5.81
	16	25.00	1.86	40.10	3.02	56.90	4.40	60.90	4.74	64.90	5.10	69.10	5.50	73.50	6.06
	18	25.00	1.88	40.10	3.09	56.90	4.60	60.90	4.99	64.90	5.40	69.10	5.87	73.50	6.59
	20	25.00	1.94	40.10	3.26	56.90	5.12	60.90	5.63	64.90	6.19	69.10	6.83	73.50	7.98
	21	28.30	2.39	43.30	4.07	59.90	6.84	63.80	7.47	67.80	7.90	71.80	8.34	75.80	9.03
	23	34.90	5.52	49.70	6.86	66.20	8.74	69.90	9.22	73.70	9.75	77.10	10.24	80.80	11.04
	25	41.80	6.83	56.30	8.50	72.60	10.93	76.10	11.53	79.80	12.17	82.60	12.70	85.90	13.63
	27	48.70	8.63	63.00	10.70	79.20	13.81	82.50	14.54	85.90	15.29	88.20	15.80	96.00	17.99
	29	55.90	11.05	69.80	13.54	85.90	17.08	89.00	17.84	92.40	18.66	97.90	20.12	113.5	25.24
	31	63.20	13.90	76.90	16.73	92.80	20.96	95.70	21.81	104.0	24.33	115.9	28.28	131.0	34.92
	33	70.80	17.39	84.00	20.70	99.80	25.74	109.9	29.32	122.3	34.19	133.7	39.16	148.5	47.85
	35	78.50	21.80	91.50	25.65	117.1	35.86	128.1	41.06	140.5	47.51	151.6	53.43	166.1	60.87
	37	78.50	23.26	91.50	27.37	117.1	38.28	128.1	43.86	140.5	50.87	151.6	56.69	156.2	60.07
	39	78.50	24.82	91.50	29.20	117.1	40.87	128.1	46.90	140.5	54.57	146.3	57.73	144.5	58.12
	41	78.50	26.49	91.50	31.16	117.1	43.68	128.1	50.25	134.9	54.72	134.9	54.73	133.3	55.51
	43	78.50	28.27	91.50	33.25	117.1	46.73	124.1	51.16	123.9	51.11	123.9	51.10	122.6	51.90
	46	78.50	31.16	91.50	36.65	108.7	46.35	108.7	46.34	108.6	46.33	108.6	46.30	107.2	46.87
	48	78.50	33.25	91.50	39.13	99.00	43.42	99.00	43.46	99.00	43.47	98.80	43.37	97.70	43.93
	50	78.50	35.48	89.90	40.80	89.80	40.77	89.70	40.78	89.70	40.76	89.70	40.77	88.50	41.24
	52	77.90	37.46	79.50	36.56	80.10	35.81	80.20	35.63	80.30	35.45	80.50	35.31	79.90	35.58
120	10	23.10	1.71	37.00	2.73	52.50	3.89	56.10	4.17	59.90	4.46	63.80	4.76	67.80	5.13
	12	23.10	1.71	37.00	2.73	52.50	3.91	56.10	4.20	59.90	4.48	63.80	4.80	67.80	5.18
	14	23.10	1.72	37.00	2.75	52.50	3.95	56.10	4.25	59.90	4.55	63.80	4.87	67.80	5.28
	16	23.10	1.72	37.00	2.77	52.50	4.03	56.10	4.34	59.90	4.65	63.80	5.00	67.80	5.47
	18	23.10	1.74	37.00	2.83	52.50	4.18	56.10	4.53	59.90	4.90	63.80	5.29	67.80	5.89
	20	23.10	1.78	37.00	2.96	52.50	4.58	56.10	5.03	59.90	5.50	63.80	6.03	67.80	7.02
	21	26.10	2.16	39.90	3.62	55.30	6.00	59.00	6.69	62.60	7.26	66.20	7.72	70.10	8.33
	23	32.30	5.27	45.80	6.46	61.10	8.11	64.50	8.52	68.00	8.98	71.20	9.40	74.60	10.10
	25	38.60	6.47	51.90	7.94	67.00	10.04	70.30	10.55	73.70	11.10	76.20	11.55	79.20	12.37
	27	45.00	8.07	58.10	9.90	73.10	12.57	76.20	13.19	79.40	13.86	81.50	14.32	88.60	16.28
	29	51.60	10.25	64.40	12.47	79.20	15.56	82.10	16.21	85.20	16.92	90.50	18.19	104.8	22.59
	31	58.40	12.85	71.00	15.32	85.60	18.98	88.40	19.72	96.00	21.89	106.9	25.28	121.0	30.96
	33	65.30	15.95	77.70	18.84	92.20	23.20	101.4	26.29	112.9	30.46	123.5	34.67	137.1	41.98
	35	72.50	19.87	84.50	23.21	108.1	32.01	118.3	36.42	129.7	41.82	139.9	47.15	153.3	55.25
	37	72.50	21.20	84.50	24.76	108.1	34.16	118.3	38.87	129.7	44.69	139.9	50.46	153.3	58.66
	39	72.50	22.62	84.50	26.43	108.1	36.45	118.3	41.51	129.7	47.80	139.9	54.14	144.6	58.14
	41	72.50	24.14	84.50	28.21	108.1	38.91	118.3	44.37	129.7	51.22	134.9	54.69	133.3	55.46
	43	72.50	25.77	84.50	30.10	108.1	41.56	118.3	47.48	124.1	51.15	124.0	51.11	122.5	51.79
	46	72.50	28.42	84.50	33.17	108.1	45.95	108.7	46.33	108.6	46.33	108.5	46.29	107.2	46.88
	48	72.50	30.32	84.50	35.39	99.00	43.45	99.00	43.45	99.00	43.44	98.90	43.40	97.70	43.95
	50	72.50	32.35	84.50	37.77	89.80	40.79	89.80	40.80	90.20	41.03	89.80	40.76	88.60	41.23
	52	72.50	34.53	79.40	36.91	79.90	36.11	80.00	35.96	80.10	35.81	80.10	35.65	79.70	36.01
110	10	21.20	1.56	34.00	2.50	48.10	3.56	51.50	3.81	54.90	4.07	58.40	4.35	62.20	4.67
	12	21.20	1.56	34.00	2.50	48.10	3.57	51.50	3.84	54.90	4.10	58.40	4.37	62.20	4.72
	14	21.20	1.56	34.00	2.52	48.10	3.61	51.50	3.87	54.90	4.15	58.40	4.43	62.20	4.78
	16	21.20	1.58	34.00	2.54	48.10	3.66	51.50	3.94	54.90	4.23	58.40	4.54	62.20	4.93
	18	21.20	1.58	34.00	2.58	48.10	3.78	51.50	4.09	54.90	4.41	58.40	4.75	62.20	5.25

18. ARUM420LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	21.20	1.61	34.00	2.68	48.10	4.09	51.50	4.47	54.90	4.88	58.40	5.32	62.20	6.10
	21	23.90	1.94	36.60	3.21	50.70	5.19	54.00	5.76	57.30	6.40	60.70	6.96	64.20	7.68
	23	29.60	5.04	42.00	6.10	56.00	7.53	59.20	7.89	62.40	8.26	65.30	8.61	68.40	9.22
	25	35.30	6.10	47.60	7.41	61.40	9.21	64.40	9.64	67.50	10.11	69.90	10.49	72.60	11.19
	27	41.20	7.54	53.30	9.14	67.00	11.42	69.80	11.95	72.70	12.51	74.70	12.90	81.20	14.61
	29	47.30	9.47	59.00	11.41	72.70	14.14	75.30	14.70	78.10	15.31	82.90	16.38	96.00	20.14
	31	53.50	11.86	65.10	13.98	78.50	17.14	81.00	17.76	88.00	19.62	98.10	22.51	110.9	27.32
	33	59.90	14.60	71.20	17.07	84.40	20.83	93.00	23.46	103.5	27.00	113.2	30.56	125.6	36.67
	35	66.40	18.05	77.50	20.92	99.10	28.44	108.4	32.16	118.9	36.68	128.3	41.07	140.5	49.01
	37	66.40	19.25	77.50	22.32	99.10	30.34	108.4	34.32	118.9	39.16	128.3	43.88	140.5	52.51
	39	66.40	20.54	77.50	23.83	99.10	32.37	108.4	36.63	118.9	41.82	128.3	46.93	140.5	56.10
	41	66.40	21.93	77.50	25.43	99.10	34.55	108.4	39.10	118.9	44.70	128.3	50.27	133.5	55.52
	43	66.40	23.41	77.50	27.14	99.10	36.87	108.4	41.77	118.9	47.84	124.1	51.16	122.7	51.87
	46	66.40	25.82	77.50	29.91	99.10	40.68	108.4	46.19	108.7	46.35	108.6	46.29	107.2	46.88
	48	66.40	27.56	77.50	31.92	99.00	43.40	99.00	43.43	99.00	43.45	98.90	43.39	97.70	43.91
	50	66.40	29.41	77.50	34.05	89.90	40.80	89.90	40.80	89.80	40.83	89.80	40.78	88.70	41.26
	52	66.40	31.39	77.50	36.32	79.70	36.52	79.70	36.34	79.80	36.16	79.60	36.01	79.50	36.24
100	10	19.30	1.42	30.90	2.27	43.70	3.23	46.80	3.46	49.90	3.69	53.10	3.94	56.50	4.23
	12	19.30	1.42	30.90	2.27	43.70	3.24	46.80	3.48	49.90	3.71	53.10	3.96	56.50	4.27
	14	19.30	1.42	30.90	2.28	43.70	3.27	46.80	3.50	49.90	3.75	53.10	4.00	56.50	4.32
	16	19.30	1.42	30.90	2.29	43.70	3.31	46.80	3.56	49.90	3.81	53.10	4.08	56.50	4.43
	18	19.30	1.44	30.90	2.33	43.70	3.39	46.80	3.67	49.90	3.94	53.10	4.24	56.50	4.66
	20	19.30	1.46	30.90	2.40	43.70	3.63	46.80	3.95	49.90	4.28	53.10	4.66	56.50	5.29
	21	21.80	1.74	33.30	2.83	46.10	4.47	49.10	4.93	52.10	5.44	55.20	5.98	58.40	7.03
	23	26.90	4.80	38.20	5.73	50.90	6.98	53.80	7.29	56.70	7.61	59.30	7.91	62.20	8.41
	25	32.10	5.75	43.30	6.89	55.80	8.44	58.60	8.81	61.30	9.20	63.60	9.51	66.00	10.11
	27	37.40	7.02	48.50	8.41	60.90	10.35	63.40	10.79	66.10	11.27	67.90	11.59	73.80	13.02
	29	43.00	8.73	53.70	10.41	66.00	12.79	68.50	13.27	71.00	13.80	75.40	14.71	87.30	17.87
	31	48.70	10.90	59.20	12.72	71.40	15.41	73.60	15.94	80.00	17.51	89.10	19.94	100.8	23.98
	33	54.40	13.32	64.70	15.43	76.80	18.61	84.50	20.83	94.10	23.81	102.9	26.79	114.2	31.89
	35	60.40	16.32	70.40	18.77	90.10	25.13	98.50	28.26	108.1	32.01	116.6	35.63	127.7	42.08
	37	60.40	17.41	70.40	20.03	90.10	26.82	98.50	30.15	108.1	34.16	116.6	38.03	127.7	44.97
	39	60.40	18.58	70.40	21.37	90.10	28.62	98.50	32.17	108.1	36.45	116.6	40.61	127.7	48.11
	41	60.40	19.83	70.40	22.81	90.10	30.53	98.50	34.33	108.1	38.92	116.6	43.39	127.7	51.57
	43	60.40	21.18	70.40	24.36	90.10	32.58	98.50	36.64	108.1	41.57	116.6	46.41	122.7	51.88
	46	60.40	23.37	70.40	26.87	90.10	35.91	98.50	40.41	108.1	45.97	108.7	46.35	107.3	46.90
	48	60.40	24.95	70.40	28.67	90.10	38.33	98.50	43.19	99.00	43.44	98.90	43.39	97.70	43.93
	50	60.40	26.65	70.40	30.59	89.80	40.73	89.90	40.81	89.80	40.78	89.90	40.86	88.50	41.20
	52	60.40	28.45	70.40	32.64	79.20	36.93	79.50	36.69	79.70	36.48	79.80	36.23	79.40	36.45
90	10	17.40	1.28	27.80	2.04	39.30	2.89	42.20	3.11	44.90	3.32	47.80	3.53	50.80	3.80
	12	17.40	1.28	27.80	2.04	39.30	2.91	42.20	3.12	44.90	3.33	47.80	3.55	50.80	3.82
	14	17.40	1.28	27.80	2.04	39.30	2.93	42.20	3.14	44.90	3.36	47.80	3.59	50.80	3.86
	16	17.40	1.28	27.80	2.06	39.30	2.95	42.20	3.18	44.90	3.40	47.80	3.64	50.80	3.94
	18	17.40	1.29	27.80	2.08	39.30	3.02	42.20	3.25	44.90	3.50	47.80	3.76	50.80	4.11
	20	17.40	1.31	27.80	2.14	39.30	3.18	42.20	3.46	44.90	3.74	47.80	4.06	50.80	4.56
	21	19.60	1.53	30.00	2.47	41.50	3.82	44.10	4.19	46.90	4.60	49.60	5.02	52.50	6.00
	23	24.20	4.57	34.40	5.38	45.80	6.46	48.30	6.73	51.00	7.00	53.40	7.25	55.90	7.69
	25	28.90	5.41	38.90	6.40	50.20	7.73	52.70	8.04	55.20	8.37	57.20	8.63	59.40	9.13
	27	33.80	6.52	43.50	7.71	54.80	9.37	57.10	9.74	59.50	10.13	61.10	10.39	66.40	11.59
	29	38.70	8.01	48.30	9.45	59.40	11.49	61.60	11.92	63.90	12.37	67.80	13.15	78.60	15.79
	31	43.70	9.96	53.20	11.55	64.20	13.80	66.20	14.25	72.00	15.55	80.20	17.57	90.70	20.92

18. ARUM420LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	49.00	12.12	58.20	13.88	69.10	16.55	76.00	18.41	84.60	20.88	92.60	23.34	102.9	27.52
	35	54.40	14.72	63.40	16.76	81.10	22.07	88.80	24.66	97.30	27.76	104.9	30.72	114.9	35.95
	37	54.40	15.67	63.40	17.87	81.10	23.55	88.80	26.32	97.30	29.62	104.9	32.78	114.9	38.37
	39	54.40	16.72	63.40	19.07	81.10	25.13	88.80	28.08	97.30	31.61	104.9	34.98	114.9	40.97
	41	54.40	17.84	63.40	20.36	81.10	26.82	88.80	29.97	97.30	33.73	104.9	37.33	114.9	43.79
	43	54.40	19.06	63.40	21.75	81.10	28.63	88.80	31.98	97.30	35.99	104.9	39.86	114.9	46.84
	46	54.40	21.05	63.40	24.00	81.10	31.55	88.80	35.24	97.30	39.70	104.9	44.03	107.4	46.92
	48	54.40	22.49	63.40	25.63	81.10	33.67	88.80	37.62	97.30	42.41	99.10	43.47	97.90	43.99
	50	54.40	24.03	63.40	27.36	81.10	35.92	88.80	40.16	89.80	40.80	89.80	40.79	88.70	41.29
	52	54.40	25.67	63.40	29.21	79.20	37.20	79.30	36.94	79.50	36.66	79.70	36.46	79.20	36.65
80	10	15.40	1.14	24.70	1.81	35.00	2.57	37.40	2.75	39.90	2.94	42.50	3.14	45.20	3.37
	12	15.40	1.14	24.70	1.81	35.00	2.57	37.40	2.77	39.90	2.95	42.50	3.14	45.20	3.39
	14	15.40	1.14	24.70	1.81	35.00	2.59	37.40	2.78	39.90	2.97	42.50	3.16	45.20	3.41
	16	15.40	1.14	24.70	1.82	35.00	2.61	37.40	2.81	39.90	3.00	42.50	3.20	45.20	3.46
	18	15.40	1.14	24.70	1.84	35.00	2.65	37.40	2.85	39.90	3.07	42.50	3.29	45.20	3.58
	20	15.40	1.15	24.70	1.88	35.00	2.77	37.40	3.00	39.90	3.24	42.50	3.50	45.20	3.90
	21	17.40	1.35	26.70	2.14	36.90	3.24	39.30	3.54	41.70	3.85	44.10	4.18	46.70	4.91
	23	21.50	4.35	30.60	5.05	40.70	5.97	43.00	6.19	45.40	6.42	47.50	6.62	49.70	7.00
	25	25.70	5.07	34.60	5.92	44.70	7.05	46.80	7.32	49.10	7.59	50.80	7.81	52.90	8.22
	27	30.00	6.04	38.70	7.06	48.70	8.45	50.80	8.76	52.90	9.08	54.30	9.30	59.00	10.28
	29	34.40	7.33	43.00	8.55	52.90	10.25	54.80	10.61	56.90	10.99	60.30	11.65	69.90	13.88
	31	38.90	9.01	47.30	10.41	57.10	12.31	58.80	12.68	64.00	13.75	71.30	15.39	80.60	18.13
	33	43.50	10.93	51.70	12.44	61.50	14.64	67.60	16.16	75.20	18.18	82.30	20.18	91.40	23.57
	35	48.30	13.21	56.30	14.89	72.00	19.26	78.90	21.37	86.50	23.88	93.20	26.27	102.1	30.47
	37	48.30	14.05	56.30	15.87	72.00	20.55	78.90	22.81	86.50	25.48	93.20	28.03	102.1	32.51
	39	48.30	14.98	56.30	16.93	72.00	21.93	78.90	24.34	86.50	27.19	93.20	29.91	102.1	34.70
	41	48.30	15.99	56.30	18.08	72.00	23.41	78.90	25.97	86.50	29.02	93.20	31.92	102.1	37.03
	43	48.30	17.07	56.30	19.31	72.00	24.99	78.90	27.72	86.50	30.97	93.20	34.05	102.1	39.53
	46	48.30	18.86	56.30	21.32	72.00	27.56	78.90	30.55	86.50	34.13	93.20	37.54	102.1	43.68
	48	48.30	20.16	56.30	22.78	72.00	29.41	78.90	32.60	86.50	36.42	93.20	40.09	97.80	43.95
	50	48.30	21.56	56.30	24.34	72.00	31.38	78.90	34.78	86.50	38.87	89.80	40.81	88.70	41.26
	52	48.30	23.05	56.30	26.00	72.00	33.48	78.20	36.70	79.30	36.97	79.40	36.74	79.00	36.95
70	10	13.50	1.00	21.60	1.58	30.60	2.25	32.80	2.41	34.90	2.57	37.20	2.73	39.50	2.94
	12	13.50	1.00	21.60	1.58	30.60	2.25	32.80	2.41	34.90	2.57	37.20	2.75	39.50	2.95
	14	13.50	1.00	21.60	1.58	30.60	2.26	32.80	2.43	34.90	2.59	37.20	2.76	39.50	2.97
	16	13.50	1.00	21.60	1.59	30.60	2.27	32.80	2.43	34.90	2.61	37.20	2.79	39.50	3.00
	18	13.50	1.00	21.60	1.60	30.60	2.31	32.80	2.47	34.90	2.65	37.20	2.83	39.50	3.09
	20	13.50	1.01	21.60	1.63	30.60	2.38	32.80	2.57	34.90	2.76	37.20	2.98	39.50	3.28
	21	15.30	1.16	23.30	1.83	32.30	2.71	34.40	2.94	36.50	3.20	38.60	3.45	40.90	3.97
	23	18.90	3.56	26.70	4.73	35.70	5.49	37.60	5.68	39.70	5.87	41.50	6.04	43.50	6.35
	25	22.50	4.75	30.30	5.46	39.10	6.40	41.00	6.62	43.00	6.85	44.50	7.03	46.20	7.38
	27	26.20	5.58	33.80	6.43	42.60	7.58	44.40	7.84	46.20	8.11	47.50	8.28	51.70	9.08
	29	30.10	6.66	37.60	7.68	46.20	9.09	47.90	9.38	49.70	9.69	52.70	10.23	61.10	12.09
	31	34.00	8.10	41.40	9.30	50.00	10.92	51.50	11.23	56.00	12.09	62.40	13.41	70.60	15.59
	33	38.10	9.76	45.30	11.06	53.80	12.88	59.20	14.10	65.90	15.72	72.00	17.30	80.00	20.01
	35	42.20	11.75	49.30	13.16	63.00	16.67	69.10	18.36	75.60	20.36	81.60	22.24	89.40	25.57
	37	42.20	12.49	49.30	14.00	63.00	17.78	69.10	19.58	75.60	21.73	81.60	23.74	89.40	27.28
	39	42.20	13.31	49.30	14.93	63.00	18.98	69.10	20.91	75.60	23.18	81.60	25.34	89.40	29.10
	41	42.20	14.22	49.30	15.94	63.00	20.26	69.10	22.32	75.60	24.75	81.60	27.04	89.40	31.06
	43	42.20	15.20	49.30	17.03	63.00	21.63	69.10	23.83	75.60	26.42	81.60	28.85	89.40	33.14
	46	42.20	16.79	49.30	18.81	63.00	23.88	69.10	26.28	75.60	29.12	81.60	31.80	89.40	36.54

18. ARUM420LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	42.20	17.97	49.30	20.11	63.00	25.49	69.10	28.05	75.60	31.07	81.60	33.93	89.40	39.01
	50	42.20	19.22	49.30	21.51	63.00	27.22	69.10	29.94	75.60	33.15	81.60	36.21	88.70	41.27
	52	42.20	20.57	49.30	22.99	63.00	29.05	69.10	31.95	75.60	35.38	79.30	37.16	78.80	37.35
60	10	11.60	0.86	18.50	1.35	26.20	1.92	28.10	2.06	30.00	2.20	31.90	2.34	33.90	2.52
	12	11.60	0.86	18.50	1.35	26.20	1.93	28.10	2.06	30.00	2.20	31.90	2.34	33.90	2.52
	14	11.60	0.85	18.50	1.35	26.20	1.93	28.10	2.07	30.00	2.21	31.90	2.36	33.90	2.53
	16	11.60	0.85	18.50	1.36	26.20	1.94	28.10	2.08	30.00	2.22	31.90	2.37	33.90	2.55
	18	11.60	0.85	18.50	1.37	26.20	1.95	28.10	2.10	30.00	2.25	31.90	2.40	33.90	2.60
	20	11.60	0.85	18.50	1.38	26.20	2.01	28.10	2.16	30.00	2.32	31.90	2.49	33.90	2.73
	21	13.00	0.99	20.00	1.53	27.70	2.24	29.40	2.42	31.30	2.61	33.10	2.81	35.00	3.17
	23	16.10	2.53	22.90	3.77	30.50	5.04	32.30	5.20	34.00	5.34	35.50	5.49	37.30	5.74
	25	20.00	4.54	26.00	5.03	33.50	5.80	35.10	5.97	36.80	6.15	38.20	6.31	39.70	6.58
	27	22.50	5.14	29.00	5.82	36.50	6.77	38.00	6.97	39.70	7.19	40.70	7.33	44.30	7.98
	29	25.80	6.04	32.20	6.86	39.70	8.01	41.10	8.24	42.60	8.48	45.20	8.92	52.30	10.40
	31	29.20	7.22	35.50	8.20	42.80	9.56	44.10	9.82	47.90	10.54	53.50	11.60	60.50	13.31
	33	32.60	8.65	38.80	9.71	46.00	11.22	50.70	12.23	56.50	13.47	61.70	14.71	68.50	16.80
	35	36.30	10.29	42.20	11.48	54.00	14.31	59.20	15.62	64.90	17.17	69.90	18.63	76.60	21.19
	37	36.30	10.91	42.20	12.20	54.00	15.24	59.20	16.66	64.90	18.32	69.90	19.87	76.60	22.61
	39	36.30	11.59	42.20	13.00	54.00	16.26	59.20	17.77	64.90	19.55	69.90	21.21	76.60	24.13
	41	36.30	12.34	42.20	13.88	54.00	17.36	59.20	18.98	64.90	20.87	69.90	22.65	76.60	25.75
	43	36.30	13.17	42.20	14.86	54.00	18.54	59.20	20.27	64.90	22.29	69.90	24.18	76.60	27.48
	46	36.30	14.57	42.20	16.46	54.00	20.49	59.20	22.38	64.90	24.60	69.90	26.67	76.60	30.29
	48	36.30	15.63	42.20	17.61	54.00	21.89	59.20	23.91	64.90	26.25	69.90	28.46	76.60	32.32
	50	36.30	16.80	42.20	18.85	54.00	23.40	59.20	25.54	64.90	28.03	69.90	30.37	76.60	34.49
	52	36.30	18.08	42.20	20.17	54.00	25.00	59.20	27.26	64.90	29.91	69.90	32.40	76.60	36.81
50	10	9.60	0.81	15.50	1.13	21.90	1.60	23.40	1.72	25.00	1.83	26.60	1.95	28.30	2.09
	12	9.60	0.81	15.50	1.13	21.90	1.60	23.40	1.72	25.00	1.83	26.60	1.95	28.30	2.09
	14	9.60	0.81	15.50	1.14	21.90	1.60	23.40	1.72	25.00	1.83	26.60	1.95	28.30	2.10
	16	9.60	0.81	15.50	1.13	21.90	1.61	23.40	1.72	25.00	1.84	26.60	1.97	28.30	2.11
	18	9.60	0.81	15.50	1.14	21.90	1.62	23.40	1.74	25.00	1.86	26.60	1.99	28.30	2.15
	20	9.60	0.82	15.50	1.15	21.90	1.65	23.40	1.77	25.00	1.90	26.60	2.03	28.30	2.21
	21	10.90	0.81	16.60	1.26	23.10	1.81	24.60	1.95	26.10	2.08	27.50	2.23	29.20	2.48
	23	13.40	1.74	19.10	2.57	25.40	4.52	26.90	4.73	28.30	4.86	29.60	4.97	31.10	5.16
	25	19.30	4.58	21.60	4.61	27.90	5.23	29.20	5.36	30.70	5.50	31.70	5.62	33.00	5.84
	27	19.10	4.76	24.20	5.25	30.40	6.00	31.70	6.16	33.00	6.32	34.00	6.43	36.90	6.95
	29	21.50	5.44	26.90	6.09	33.00	6.98	34.20	7.17	35.50	7.36	37.60	7.70	43.70	8.84
	31	24.30	6.39	29.60	7.16	35.70	8.24	36.80	8.44	39.90	9.03	44.50	9.90	50.40	11.26
	33	27.30	7.58	32.30	8.42	38.40	9.62	42.20	10.41	47.00	11.43	51.40	12.37	57.10	13.94
	35	30.20	8.90	35.20	9.84	45.00	12.15	49.30	13.16	54.00	14.31	58.30	15.39	63.80	17.29
	37	30.20	9.40	35.20	10.42	45.00	12.94	49.30	14.01	54.00	15.26	58.30	16.41	63.80	18.45
	39	30.20	9.95	35.20	11.06	45.00	13.80	49.30	14.93	54.00	16.27	58.30	17.51	63.80	19.69
	41	30.20	10.56	35.20	11.77	45.00	14.71	49.30	15.94	54.00	17.37	58.30	18.70	63.80	21.02
	43	30.20	11.22	35.20	12.55	45.00	15.72	49.30	17.03	54.00	18.55	58.30	19.96	63.80	22.44
	46	30.20	12.36	35.20	13.87	45.00	17.37	49.30	18.82	54.00	20.49	58.30	22.04	63.80	24.76
	48	30.20	13.21	35.20	14.87	45.00	18.58	49.30	20.11	54.00	21.90	58.30	23.55	63.80	26.44
	50	30.20	14.15	35.20	15.96	45.00	19.88	49.30	21.51	54.00	23.40	58.30	25.16	63.80	28.22
	52	30.20	15.18	35.20	17.16	45.00	21.27	49.30	23.00	54.00	25.01	58.30	26.87	63.80	30.12

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

18. ARUM420LTE6

18.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	76.10	35.43	75.50	35.73	74.90	36.03	74.60	36.18	74.40	36.33	73.80	36.62
	-24.8	-25	88.60	37.22	88.00	37.56	87.30	37.89	87.00	38.05	86.70	38.22	86.10	38.55
	-21.8	-22	96.40	38.25	95.80	38.61	95.10	38.96	94.70	39.14	94.40	39.30	93.70	39.65
	-19.8	-20	102.0	38.94	101.3	39.31	100.5	39.67	100.1	39.85	99.80	40.04	99.10	40.39
	-18.8	-19	104.8	39.28	104.0	39.66	103.3	40.04	102.9	40.22	102.5	40.41	101.9	40.76
	-16.7	-17	110.6	39.99	109.9	40.37	109.1	40.76	108.7	40.96	108.4	41.14	107.6	41.51
	-15	-15.9	114.2	40.39	113.4	40.79	112.6	41.19	112.2	41.37	111.8	41.57	111.1	41.94
	-13.7	-15	117.4	40.76	116.6	41.17	115.9	41.57	115.5	41.77	115.1	41.97	114.4	42.36
	-11.8	-13	123.4	41.42	122.5	41.84	121.6	42.25	121.2	42.46	120.8	42.66	120.0	43.06
	-9.8	-11	130.1	42.14	129.1	42.57	128.2	43.00	127.8	43.20	127.3	43.41	126.5	43.81
	-9.5	-10	133.2	42.48	132.3	42.91	131.4	43.35	131.0	43.55	130.4	43.77	129.6	44.18
	-8.5	-9.1	136.5	42.81	135.4	43.25	134.5	43.69	134.1	43.90	133.6	44.11	132.6	44.53
	-7	-7.6	141.8	43.36	140.9	43.82	139.9	44.26	139.4	44.47	138.8	44.69	137.9	45.12
	-5	-5.6	149.4	44.11	148.3	44.58	147.2	45.03	146.8	45.25	146.2	45.48	145.1	45.92
	-3	-3.7	156.8	44.83	155.7	45.32	154.6	45.79	154.0	46.01	153.5	46.25	149.2	45.21
	0	-0.7	169.0	46.00	167.8	46.50	166.6	46.98	163.8	46.26	161.0	45.51	150.5	41.99
	3	2.2	181.3	47.14	178.6	47.10	172.0	45.34	166.6	43.64	161.2	41.95	150.5	38.65
	5	4.1	188.6	47.53	182.7	46.19	172.0	42.91	166.6	41.32	161.2	39.74	150.5	36.64
	7	6	192.9	46.63	182.7	43.67	172.0	40.60	166.6	39.09	161.2	37.60	150.5	34.68
	9	7.9	193.4	44.15	182.7	41.19	172.0	38.31	166.6	36.89	161.2	35.50	150.5	32.76
	11	9.8	193.4	41.58	182.7	38.82	172.0	36.13	166.6	34.80	161.2	33.51	150.5	30.95
	13	11.8	193.4	39.00	182.7	36.44	172.0	33.94	166.6	32.71	161.2	31.50	150.5	29.13
	15	13.7	193.4	36.68	182.7	34.30	172.0	31.97	166.6	30.83	161.2	29.69	150.5	27.48
120	-30	-30.2	75.70	35.59	75.10	35.89	74.60	36.19	74.40	36.33	74.10	36.48	73.60	36.77
	-24.8	-25	88.20	37.43	87.60	37.76	86.90	38.10	86.60	38.26	86.30	38.42	85.70	38.74
	-21.8	-22	96.00	38.50	95.30	38.85	94.60	39.19	94.30	39.37	93.90	39.54	93.30	39.88
	-19.8	-20	101.4	39.21	100.7	39.58	100.0	39.94	99.60	40.12	99.30	40.29	98.60	40.64
	-18.8	-19	104.2	39.57	103.5	39.94	102.7	40.31	102.4	40.50	102.1	40.67	101.3	41.02
	-16.7	-17	110.0	40.30	109.3	40.68	108.5	41.07	108.1	41.25	107.8	41.43	107.0	41.80
	-15	-15.9	113.5	40.72	112.8	41.12	112.0	41.50	111.5	41.69	111.1	41.88	110.4	42.25
	-13.7	-15	116.8	41.11	115.9	41.52	115.2	41.91	114.8	42.11	114.4	42.29	113.7	42.68
	-11.8	-13	122.7	41.80	121.8	42.22	121.0	42.62	120.5	42.81	120.1	43.01	119.3	43.40
	-9.8	-11	129.2	42.55	128.2	42.98	127.4	43.39	126.9	43.59	126.5	43.80	125.6	44.20
	-9.5	-10	132.3	42.91	131.5	43.34	130.5	43.76	130.0	43.96	129.6	44.17	128.7	44.57
	-8.5	-9.1	135.5	43.26	134.5	43.69	133.5	44.11	133.1	44.32	132.7	44.54	131.8	44.94
	-7	-7.6	140.8	43.84	139.8	44.28	138.8	44.72	138.4	44.93	137.9	45.14	135.7	44.98
	-5	-5.6	148.1	44.63	147.1	45.09	146.0	45.53	145.6	45.75	144.7	45.77	138.9	43.95
	-3	-3.7	155.5	45.40	154.4	45.87	153.3	46.32	150.9	45.71	148.4	44.96	138.9	41.61
	0	-0.7	167.4	46.64	165.0	46.54	158.7	44.78	153.8	43.10	148.9	41.44	138.9	38.20
	3	2.2	176.4	46.55	168.6	44.29	158.7	41.19	153.8	39.66	148.9	38.16	138.9	35.21
	5	4.1	178.5	44.92	168.6	41.93	158.7	39.02	153.8	37.59	148.9	36.17	138.9	33.40
	7	6	178.5	42.48	168.6	39.67	158.7	36.92	153.8	35.57	148.9	34.24	138.9	31.63
	9	7.9	178.5	40.07	168.6	37.44	158.7	34.87	153.8	33.60	148.9	32.36	138.9	29.90
	11	9.8	178.5	37.77	168.6	35.31	158.7	32.90	153.8	31.72	148.9	30.56	138.9	28.27
	13	11.8	178.5	35.48	168.6	33.19	158.7	30.95	153.8	29.85	148.9	28.77	138.9	26.63

18. ARUM420LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	178.5	33.40	168.6	31.27	158.7	29.18	153.8	28.15	148.9	27.14	138.9	25.15
110	-30	-30.2	75.30	35.78	74.90	36.08	74.30	36.37	74.00	36.52	73.80	36.66	73.20	36.95
	-24.8	-25	87.80	37.68	87.10	38.01	86.50	38.33	86.10	38.49	85.90	38.65	85.30	38.96
	-21.8	-22	95.40	38.79	94.70	39.14	94.10	39.48	93.70	39.64	93.40	39.81	92.80	40.14
	-19.8	-20	100.8	39.53	100.1	39.89	99.40	40.24	99.00	40.42	98.80	40.59	98.00	40.93
	-18.8	-19	103.6	39.90	102.8	40.27	102.1	40.63	101.7	40.81	101.4	40.98	100.8	41.33
	-16.7	-17	109.3	40.67	108.5	41.04	107.8	41.42	107.4	41.60	107.0	41.78	106.3	42.13
	-15	-15.9	112.7	41.11	112.0	41.49	111.2	41.87	110.8	42.06	110.5	42.24	109.7	42.60
	-13.7	-15	116.0	41.51	115.1	41.91	114.4	42.30	114.0	42.50	113.6	42.68	112.9	43.05
	-11.8	-13	121.7	42.24	120.8	42.65	120.0	43.04	119.6	43.23	119.3	43.42	118.4	43.80
	-9.8	-11	128.2	43.03	127.2	43.45	126.4	43.85	125.9	44.04	125.5	44.24	123.9	44.26
	-9.5	-10	131.3	43.40	130.4	43.82	129.4	44.23	129.0	44.43	128.6	44.63	125.5	43.91
	-8.5	-9.1	134.4	43.77	133.4	44.20	132.5	44.61	132.0	44.82	131.6	45.01	127.0	43.58
	-7	-7.6	139.5	44.39	138.6	44.82	137.6	45.25	136.9	45.31	134.5	44.55	127.3	41.93
	-5	-5.6	146.7	45.23	145.8	45.68	142.9	45.22	140.5	44.51	136.5	43.02	127.3	39.64
	-3	-3.7	154.0	46.05	151.4	45.83	145.5	43.99	140.9	42.35	136.5	40.73	127.3	37.57
	0	-0.7	162.4	45.85	154.6	43.38	145.5	40.36	140.9	38.88	136.5	37.40	127.3	34.53
	3	2.2	163.7	42.73	154.6	39.92	145.5	37.17	140.9	35.82	136.5	34.49	127.3	31.87
	5	4.1	163.7	40.46	154.6	37.82	145.5	35.24	140.9	33.97	136.5	32.71	127.3	30.26
	7	6	163.7	38.29	154.6	35.80	145.5	33.36	140.9	32.16	136.5	30.98	127.3	28.66
	9	7.9	163.7	36.15	154.6	33.81	145.5	31.54	140.9	30.41	136.5	29.31	127.3	27.12
	11	9.8	163.7	34.10	154.6	31.93	145.5	29.79	140.9	28.74	136.5	27.70	127.3	25.66
	13	11.8	163.7	32.06	154.6	30.03	145.5	28.05	140.9	27.07	136.5	26.10	127.3	24.21
	15	13.7	163.7	30.22	154.6	28.32	145.5	26.47	140.9	25.55	136.5	24.65	127.3	22.88
100	-30	-30.2	74.90	36.01	74.40	36.30	73.90	36.59	73.60	36.73	73.40	36.88	72.80	37.16
	-24.8	-25	87.20	37.98	86.50	38.30	85.90	38.62	85.70	38.77	85.30	38.93	84.80	39.23
	-21.8	-22	94.80	39.13	94.10	39.47	93.50	39.80	93.10	39.97	92.80	40.13	92.20	40.46
	-19.8	-20	100.1	39.90	99.30	40.26	98.70	40.60	98.40	40.77	98.00	40.94	97.30	41.27
	-18.8	-19	102.8	40.29	102.1	40.66	101.3	41.00	101.1	41.18	100.7	41.35	100.0	41.69
	-16.7	-17	108.5	41.10	107.7	41.46	107.0	41.83	106.6	42.01	106.2	42.18	105.5	42.52
	-15	-15.9	111.8	41.56	111.0	41.94	110.3	42.30	109.9	42.48	109.5	42.66	108.8	43.01
	-13.7	-15	115.0	42.00	114.3	42.38	113.6	42.76	113.2	42.95	112.8	43.13	112.1	43.49
	-11.8	-13	120.6	42.75	119.8	43.14	119.0	43.53	118.5	43.72	118.2	43.90	114.7	42.84
	-9.8	-11	127.0	43.59	126.1	44.00	125.3	44.39	124.4	44.39	122.3	43.66	115.7	41.10
	-9.5	-10	130.0	43.99	129.1	44.39	128.2	44.77	126.0	44.04	123.8	43.33	115.7	40.07
	-8.5	-9.1	133.0	44.38	132.1	44.79	129.7	44.42	127.5	43.72	124.1	42.38	115.7	39.08
	-7	-7.6	138.1	45.04	136.7	45.22	132.3	43.88	128.1	42.25	124.1	40.65	115.7	37.50
	-5	-5.6	144.8	45.73	140.3	44.45	132.3	41.47	128.1	39.95	124.1	38.44	115.7	35.49
	-3	-3.7	148.4	44.96	140.5	42.21	132.3	39.28	128.1	37.85	124.1	36.43	115.7	33.65
	0	-0.7	148.9	41.44	140.5	38.73	132.3	36.09	128.1	34.78	124.1	33.51	115.7	30.98
	3	2.2	148.9	38.16	140.5	35.69	132.3	33.29	128.1	32.10	124.1	30.93	115.7	28.62
	5	4.1	148.9	36.17	140.5	33.85	132.3	31.59	128.1	30.47	124.1	29.37	115.7	27.20
	7	6	148.9	34.24	140.5	32.05	132.3	29.92	128.1	28.87	124.1	27.83	115.7	25.78
	9	7.9	148.9	32.36	140.5	30.31	132.3	28.31	128.1	27.33	124.1	26.34	115.7	24.43
	11	9.8	148.9	30.56	140.5	28.65	132.3	26.77	128.1	25.85	124.1	24.94	115.7	23.14
	13	11.8	148.9	28.77	140.5	26.98	132.3	25.24	128.1	24.38	124.1	23.52	115.7	21.85
	15	13.7	148.9	27.14	140.5	25.47	132.3	23.85	128.1	23.04	124.1	22.24	115.7	20.68

18. ARUM420LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	74.50	36.28	73.90	36.57	73.40	36.85	73.20	36.99	72.90	37.13	72.40	37.40
	-24.8	-25	86.50	38.33	85.90	38.65	85.30	38.95	85.00	39.11	84.70	39.26	84.10	39.56
	-21.8	-22	94.00	39.54	93.30	39.86	92.70	40.20	92.30	40.36	92.00	40.51	91.40	40.83
	-19.8	-20	99.10	40.35	98.50	40.69	97.80	41.03	97.50	41.20	97.20	41.36	96.50	41.68
	-18.8	-19	101.9	40.76	101.1	41.12	100.5	41.45	100.1	41.63	99.80	41.79	99.20	42.11
	-16.7	-17	107.5	41.61	106.7	41.97	106.0	42.32	105.6	42.49	105.2	42.66	102.6	41.90
	-15	-15.9	110.7	42.10	109.9	42.46	109.3	42.82	108.9	42.99	108.2	43.02	104.2	41.47
	-13.7	-15	113.9	42.57	113.2	42.95	112.4	43.31	111.9	43.41	109.9	42.68	104.2	40.19
	-11.8	-13	119.4	43.36	118.5	43.74	116.5	43.44	114.5	42.77	111.6	41.55	104.2	38.32
	-9.8	-11	125.5	44.26	123.6	44.08	119.1	42.48	115.3	40.93	111.6	39.38	104.2	36.37
	-9.5	-10	128.5	44.68	125.1	43.75	119.1	41.41	115.3	39.90	111.6	38.40	104.2	35.47
	-8.5	-9.1	130.7	44.68	126.5	43.38	119.1	40.39	115.3	38.92	111.6	37.47	104.2	34.61
	-7	-7.6	133.2	44.14	126.5	41.61	119.1	38.75	115.3	37.35	111.6	35.97	104.2	33.24
	-5	-5.6	134.0	42.08	126.5	39.35	119.1	36.66	115.3	35.34	111.6	34.04	104.2	31.47
	-3	-3.7	134.0	39.86	126.5	37.29	119.1	34.76	115.3	33.51	111.6	32.28	104.2	29.87
	0	-0.7	134.0	36.62	126.5	34.27	119.1	31.98	115.3	30.85	111.6	29.73	104.2	27.54
	3	2.2	134.0	33.77	126.5	31.63	119.1	29.55	115.3	28.52	111.6	27.50	104.2	25.50
	5	4.1	134.0	32.04	126.5	30.03	119.1	28.06	115.3	27.09	111.6	26.14	104.2	24.24
	7	6	134.0	30.34	126.5	28.45	119.1	26.60	115.3	25.69	111.6	24.78	104.2	23.00
	9	7.9	134.0	28.70	126.5	26.93	119.1	25.20	115.3	24.34	111.6	23.49	104.2	21.82
	11	9.8	134.0	27.15	126.5	25.49	119.1	23.86	115.3	23.06	111.6	22.26	104.2	20.69
	13	11.8	134.0	25.58	126.5	24.04	119.1	22.51	115.3	21.77	111.6	21.02	104.2	19.57
	15	13.7	134.0	24.17	126.5	22.72	119.1	21.30	115.3	20.60	111.6	19.91	104.2	18.54
80	-30	-30.2	73.90	36.61	73.30	36.89	72.80	37.17	72.60	37.30	72.40	37.44	71.80	37.71
	-24.8	-25	85.70	38.76	85.10	39.07	84.50	39.37	84.20	39.52	83.90	39.66	83.40	39.96
	-21.8	-22	93.00	40.04	92.30	40.36	91.70	40.67	91.40	40.83	91.10	40.98	90.00	40.93
	-19.8	-20	98.10	40.89	97.40	41.23	96.80	41.56	96.40	41.72	95.90	41.78	92.50	40.36
	-18.8	-19	100.7	41.34	100.1	41.67	99.40	42.01	99.00	42.17	97.30	41.48	92.60	39.37
	-16.7	-17	106.1	42.23	105.4	42.57	103.5	42.22	101.8	41.56	99.20	40.43	92.60	37.35
	-15	-15.9	109.3	42.76	108.7	43.11	105.2	41.87	102.5	40.70	99.20	39.18	92.60	36.18
	-13.7	-15	112.5	43.27	110.4	42.83	105.8	40.94	102.5	39.43	99.20	37.95	92.60	35.04
	-11.8	-13	116.6	43.43	112.4	41.92	105.8	39.03	102.5	37.61	99.20	36.21	92.60	33.44
	-9.8	-11	119.1	42.48	112.4	39.73	105.8	37.04	102.5	35.71	99.20	34.40	92.60	31.80
	-9.5	-10	119.1	41.41	112.4	38.73	105.8	36.12	102.5	34.83	99.20	33.55	92.60	31.05
	-8.5	-9.1	119.1	40.39	112.4	37.79	105.8	35.24	102.5	33.99	99.20	32.74	92.60	30.30
	-7	-7.6	119.1	38.75	112.4	36.27	105.8	33.83	102.5	32.64	99.20	31.46	92.60	29.12
	-5	-5.6	119.1	36.66	112.4	34.33	105.8	32.04	102.5	30.92	99.20	29.80	92.60	27.60
	-3	-3.7	119.1	34.76	112.4	32.56	105.8	30.40	102.5	29.34	99.20	28.30	92.60	26.24
	0	-0.7	119.1	31.98	112.4	29.98	105.8	28.02	102.5	27.07	99.20	26.10	92.60	24.23
	3	2.2	119.1	29.55	112.4	27.72	105.8	25.94	102.5	25.06	99.20	24.18	92.60	22.47
	5	4.1	119.1	28.06	112.4	26.35	105.8	24.66	102.5	23.83	99.20	23.00	92.60	21.38
	7	6	119.1	26.60	112.4	24.98	105.8	23.40	102.5	22.62	99.20	21.84	92.60	20.31
	9	7.9	119.1	25.20	112.4	23.67	105.8	22.19	102.5	21.46	99.20	20.73	92.60	19.30
	11	9.8	119.1	23.86	112.4	22.43	105.8	21.04	102.5	20.35	99.20	19.66	92.60	18.32
	13	11.8	119.1	22.51	112.4	21.19	105.8	19.89	102.5	19.24	99.20	18.61	92.60	17.35
	15	13.7	119.1	21.30	112.4	20.06	105.8	18.84	102.5	18.24	99.20	17.64	92.60	16.46
70	-30	-30.2	73.10	37.04	72.60	37.30	72.10	37.57	71.80	37.71	71.60	37.84	71.20	38.09

18. ARUM420LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	84.60	39.30	84.10	39.60	83.50	39.89	83.20	40.03	83.00	40.17	80.30	39.06
	-21.8	-22	91.70	40.66	91.10	40.96	90.00	40.91	88.40	40.26	86.80	39.55	81.00	36.58
	-19.8	-20	96.80	41.57	95.60	41.58	92.50	40.36	89.70	38.97	86.80	37.54	81.00	34.72
	-18.8	-19	99.30	42.04	96.90	41.29	92.60	39.37	89.70	37.97	86.80	36.58	81.00	33.84
	-16.7	-17	102.7	41.88	98.40	40.04	92.60	37.35	89.70	36.02	86.80	34.71	81.00	32.13
	-15	-15.9	104.2	41.47	98.40	38.80	92.60	36.18	89.70	34.88	86.80	33.59	81.00	31.07
	-13.7	-15	104.2	40.19	98.40	37.58	92.60	35.04	89.70	33.78	86.80	32.54	81.00	30.10
	-11.8	-13	104.2	38.32	98.40	35.86	92.60	33.44	89.70	32.24	86.80	31.07	81.00	28.74
	-9.8	-11	104.2	36.37	98.40	34.08	92.60	31.80	89.70	30.68	86.80	29.58	81.00	27.39
	-9.5	-10	104.2	35.47	98.40	33.24	92.60	31.05	89.70	29.97	86.80	28.89	81.00	26.79
	-8.5	-9.1	104.2	34.61	98.40	32.44	92.60	30.31	89.70	29.25	86.80	28.21	81.00	26.16
	-7	-7.6	104.2	33.24	98.40	31.16	92.60	29.12	89.70	28.12	86.80	27.12	81.00	25.16
	-5	-5.6	104.2	31.47	98.40	29.52	92.60	27.61	89.70	26.67	86.80	25.73	81.00	23.89
	-3	-3.7	104.2	29.87	98.40	28.04	92.60	26.24	89.70	25.35	86.80	24.46	81.00	22.72
	0	-0.7	104.2	27.54	98.40	25.87	92.60	24.23	89.70	23.42	86.80	22.62	81.00	21.03
	3	2.2	104.2	25.50	98.40	23.97	92.60	22.47	89.70	21.73	86.80	21.00	81.00	19.55
	5	4.1	104.2	24.24	98.40	22.80	92.60	21.38	89.70	20.68	86.80	19.98	81.00	18.62
	7	6	104.2	23.00	98.40	21.65	92.60	20.31	89.70	19.66	86.80	19.00	81.00	17.72
	9	7.9	104.2	21.82	98.40	20.55	92.60	19.30	89.70	18.68	86.80	18.07	81.00	16.85
	11	9.8	104.2	20.69	98.40	19.50	92.60	18.32	89.70	17.75	86.80	17.17	81.00	16.03
	13	11.8	104.2	19.57	98.40	18.44	92.60	17.35	89.70	16.81	86.80	16.27	81.00	15.20
	15	13.7	104.2	18.54	98.40	17.50	92.60	16.46	89.70	15.95	86.80	15.45	81.00	14.45
60	-30	-30.2	72.10	37.58	71.60	37.84	71.20	38.09	70.90	38.23	70.60	38.35	68.60	37.40
	-24.8	-25	83.30	40.00	82.10	39.82	79.40	38.63	76.90	37.28	74.40	35.93	69.50	33.27
	-21.8	-22	88.20	40.16	84.40	38.27	79.40	35.74	76.90	34.49	74.40	33.25	69.50	30.81
	-19.8	-20	89.30	38.77	84.40	36.34	79.40	33.93	76.90	32.76	74.40	31.59	69.50	29.28
	-18.8	-19	89.30	37.77	84.40	35.39	79.40	33.07	76.90	31.92	74.40	30.79	69.50	28.54
	-16.7	-17	89.30	35.84	84.40	33.60	79.40	31.40	76.90	30.31	74.40	29.24	69.50	27.12
	-15	-15.9	89.30	34.70	84.40	32.51	79.40	30.37	76.90	29.31	74.40	28.27	69.50	26.20
	-13.7	-15	89.30	33.61	84.40	31.49	79.40	29.42	76.90	28.40	74.40	27.39	69.50	25.40
	-11.8	-13	89.30	32.07	84.40	30.06	79.40	28.09	76.90	27.12	74.40	26.16	69.50	24.26
	-9.8	-11	89.30	30.52	84.40	28.64	79.40	26.76	76.90	25.84	74.40	24.93	69.50	23.13
	-9.5	-10	89.30	29.81	84.40	27.99	79.40	26.20	76.90	25.32	74.40	24.44	69.50	22.72
	-8.5	-9.1	89.30	29.10	84.40	27.33	79.40	25.59	76.90	24.73	74.40	23.88	69.50	22.19
	-7	-7.6	89.30	27.97	84.40	26.28	79.40	24.61	76.90	23.79	74.40	22.98	69.50	21.37
	-5	-5.6	89.30	26.53	84.40	24.94	79.40	23.37	76.90	22.60	74.40	21.83	69.50	20.32
	-3	-3.7	89.30	25.22	84.40	23.71	79.40	22.24	76.90	21.51	74.40	20.78	69.50	19.36
	0	-0.7	89.30	23.30	84.40	21.93	79.40	20.59	76.90	19.92	74.40	19.26	69.50	17.96
	3	2.2	89.30	21.63	84.40	20.37	79.40	19.14	76.90	18.53	74.40	17.93	69.50	16.74
	5	4.1	89.30	20.59	84.40	19.40	79.40	18.24	76.90	17.66	74.40	17.09	69.50	15.96
	7	6	89.30	19.56	84.40	18.45	79.40	17.36	76.90	16.81	74.40	16.27	69.50	15.21
	9	7.9	89.30	18.59	84.40	17.54	79.40	16.52	76.90	16.00	74.40	15.50	69.50	14.50
	11	9.8	89.30	17.66	84.40	16.68	79.40	15.71	76.90	15.23	74.40	14.76	69.50	13.82
	13	11.8	89.30	16.73	84.40	15.81	79.40	14.91	76.90	14.45	74.40	14.01	69.50	13.14
	15	13.7	89.30	15.89	84.40	15.02	79.40	14.18	76.90	13.76	74.40	13.34	69.50	12.51
50	-30	-30.2	70.70	38.30	69.10	37.61	66.10	36.04	64.10	34.79	62.00	33.55	57.90	31.11
	-24.8	-25	74.40	35.93	70.30	33.71	66.10	31.53	64.10	30.45	62.00	29.38	57.90	27.28

18. ARUM420LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	74.40	33.25	70.30	31.21	66.10	29.21	64.10	28.22	62.00	27.24	57.90	25.31
	-19.8	-20	74.40	31.59	70.30	29.66	66.10	27.76	64.10	26.83	62.00	25.91	57.90	24.07
	-18.8	-19	74.40	30.79	70.30	28.92	66.10	27.08	64.10	26.16	62.00	25.27	57.90	23.49
	-16.7	-17	74.40	29.24	70.30	27.48	66.10	25.74	64.10	24.88	62.00	24.03	57.90	22.35
	-15	-15.9	74.40	28.27	70.30	26.54	66.10	24.86	64.10	24.02	62.00	23.19	57.90	21.57
	-13.7	-15	74.40	27.39	70.30	25.72	66.10	24.09	64.10	23.29	62.00	22.49	57.90	20.91
	-11.8	-13	74.40	26.16	70.30	24.58	66.10	23.02	64.10	22.26	62.00	21.50	57.90	20.01
	-9.8	-11	74.40	24.93	70.30	23.43	66.10	21.96	64.10	21.24	62.00	20.51	57.90	19.09
	-9.5	-10	74.40	24.44	70.30	23.00	66.10	21.58	64.10	20.88	62.00	20.19	57.90	18.82
	-8.5	-9.1	74.40	23.88	70.30	22.48	66.10	21.10	64.10	20.42	62.00	19.74	57.90	18.40
	-7	-7.6	74.40	22.98	70.30	21.64	66.10	20.31	64.10	19.66	62.00	19.02	57.90	17.74
	-5	-5.6	74.40	21.83	70.30	20.57	66.10	19.32	64.10	18.71	62.00	18.10	57.90	16.90
	-3	-3.7	74.40	20.78	70.30	19.60	66.10	18.43	64.10	17.84	62.00	17.27	57.90	16.14
	0	-0.7	74.40	19.26	70.30	18.17	66.10	17.10	64.10	16.58	62.00	16.05	57.90	15.01
	3	2.2	74.40	17.93	70.30	16.93	66.10	15.95	64.10	15.47	62.00	14.98	57.90	14.04
	5	4.1	74.40	17.09	70.30	16.15	66.10	15.22	64.10	14.76	62.00	14.31	57.90	13.41
	7	6	74.40	16.27	70.30	15.39	66.10	14.52	64.10	14.08	62.00	13.66	57.90	12.81
	9	7.9	74.40	15.50	70.30	14.66	66.10	13.85	64.10	13.44	62.00	13.04	57.90	12.24
	11	9.8	74.40	14.76	70.30	13.97	66.10	13.20	64.10	12.82	62.00	12.45	57.90	11.70
	13	11.8	74.40	14.01	70.30	13.28	66.10	12.56	64.10	12.20	62.00	11.85	57.90	11.14
	15	13.7	74.40	13.34	70.30	12.66	66.10	11.97	64.10	11.64	62.00	11.31	57.90	10.64

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

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18.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	76.10	35.43	75.50	35.73	74.90	36.03	74.60	36.18	74.40	36.33	73.80	36.62
	-24.8	-25	88.60	37.22	88.00	37.56	87.30	37.89	87.00	38.05	86.70	38.22	86.10	38.55
	-21.8	-22	96.40	38.25	95.80	38.61	95.10	38.96	94.70	39.14	94.40	39.30	93.70	39.65
	-19.8	-20	102.0	38.94	101.3	39.31	100.5	39.67	100.1	39.85	99.80	40.04	99.10	40.39
	-18.8	-19	104.8	39.28	104.0	39.66	103.3	40.04	102.9	40.22	102.5	40.41	101.9	40.76
	-16.7	-17	110.6	39.99	109.9	40.37	109.1	40.76	108.7	40.96	108.4	41.14	107.6	41.51
	-15	-15.9	114.2	40.39	113.4	40.79	112.6	41.19	112.2	41.37	111.8	41.57	111.1	41.94
	-13.7	-15	117.4	40.76	116.6	41.17	115.9	41.57	115.5	41.77	115.1	41.97	114.4	42.36
	-11.8	-13	123.4	41.42	122.5	41.84	121.6	42.25	121.2	42.46	120.8	42.66	120.0	43.06
	-9.8	-11	130.1	42.14	129.1	42.57	128.2	43.00	127.8	43.20	127.3	43.41	126.5	43.81
	-9.5	-10	133.2	42.48	132.3	42.91	131.4	43.35	131.0	43.55	130.4	43.77	129.6	44.18
	-8.5	-9.1	136.5	42.81	135.4	43.25	134.5	43.69	134.1	43.90	133.6	44.11	132.6	44.53
	-7	-7.6	141.8	43.36	140.9	43.82	139.9	44.26	139.4	44.47	138.8	44.69	137.9	45.12
	-5	-5.6	149.4	44.11	148.3	44.58	147.2	45.03	146.8	45.25	146.2	45.48	145.1	45.92
	-3	-3.7	156.8	44.83	155.7	45.32	154.6	45.79	154.0	46.01	153.5	46.25	149.2	45.21
	0	-0.7	169.0	46.00	167.8	46.50	166.6	46.98	163.8	46.26	161.0	45.51	150.5	41.99
	3	2.2	181.3	47.14	178.6	47.10	172.0	45.34	166.6	43.64	161.2	41.95	150.5	38.65
	5	4.1	183.1	45.29	172.2	42.05	161.5	38.91	156.0	37.36	150.6	35.84	139.6	32.85
	7	6	172.4	38.86	161.5	35.94	150.6	33.09	145.1	31.68	139.5	30.31	128.5	27.60
	9	7.9	161.5	32.99	150.4	30.38	139.3	27.82	133.8	26.58	128.1	25.34	117.0	22.91
	11	9.8	150.1	27.73	139.0	25.41	127.7	23.15	122.1	22.04	116.4	20.93	105.0	18.78
	13	11.8	138.4	22.98	127.1	20.95	115.7	18.96	110.0	17.98	104.3	17.02	92.70	15.12
	15	13.7	126.2	18.87	114.8	17.10	103.3	15.35	97.50	14.50	91.70	13.66	80.00	12.00
120	-30	-30.2	75.70	35.59	75.10	35.89	74.60	36.19	74.40	36.33	74.10	36.48	73.60	36.77
	-24.8	-25	88.20	37.43	87.60	37.76	86.90	38.10	86.60	38.26	86.30	38.42	85.70	38.74
	-21.8	-22	96.00	38.50	95.30	38.85	94.60	39.19	94.30	39.37	93.90	39.54	93.30	39.88
	-19.8	-20	101.4	39.21	100.7	39.58	100.0	39.94	99.60	40.12	99.30	40.29	98.60	40.64
	-18.8	-19	104.2	39.57	103.5	39.94	102.7	40.31	102.4	40.50	102.1	40.67	101.3	41.02
	-16.7	-17	110.0	40.30	109.3	40.68	108.5	41.07	108.1	41.25	107.8	41.43	107.0	41.80
	-15	-15.9	113.5	40.72	112.8	41.12	112.0	41.50	111.5	41.69	111.1	41.88	110.4	42.25
	-13.7	-15	116.8	41.11	115.9	41.52	115.2	41.91	114.8	42.11	114.4	42.29	113.7	42.68
	-11.8	-13	122.7	41.80	121.8	42.22	121.0	42.62	120.5	42.81	120.1	43.01	119.3	43.40
	-9.8	-11	129.2	42.55	128.2	42.98	127.4	43.39	126.9	43.59	126.5	43.80	125.6	44.20
	-9.5	-10	132.3	42.91	131.5	43.34	130.5	43.76	130.0	43.96	129.6	44.17	128.7	44.57
	-8.5	-9.1	135.5	43.26	134.5	43.69	133.5	44.11	133.1	44.32	132.7	44.54	131.8	44.94
	-7	-7.6	140.8	43.84	139.8	44.28	138.8	44.72	138.4	44.93	137.9	45.14	135.7	44.98
	-5	-5.6	148.1	44.63	147.1	45.09	146.0	45.53	145.6	45.75	144.7	45.77	138.9	43.95
	-3	-3.7	155.5	45.40	154.4	45.87	153.3	46.32	150.9	45.71	148.4	44.96	138.9	41.61
	0	-0.7	167.4	46.64	165.0	46.54	158.7	44.78	153.8	43.10	148.9	41.44	138.9	38.20
	3	2.2	176.4	46.55	168.6	44.29	158.7	41.19	153.8	39.66	148.9	38.16	138.9	35.21
	5	4.1	169.0	41.11	159.0	38.23	149.1	35.41	144.0	34.03	139.0	32.66	128.9	29.98
	7	6	159.2	35.33	149.1	32.71	139.0	30.17	133.9	28.91	128.8	27.68	118.6	25.25
	9	7.9	149.1	30.05	138.8	27.72	128.6	25.43	123.5	24.31	118.3	23.20	107.9	21.02
	11	9.8	138.6	25.33	128.3	23.25	117.9	21.22	112.7	20.22	107.5	19.24	97.00	17.29
	13	11.8	127.7	21.06	117.3	19.23	106.9	17.44	101.6	16.56	96.20	15.69	85.50	13.98

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	116.5	17.35	106.0	15.75	95.30	14.19	90.00	13.42	84.60	12.66	73.70	11.16
110	-30	-30.2	75.30	35.78	74.90	36.08	74.30	36.37	74.00	36.52	73.80	36.66	73.20	36.95
	-24.8	-25	87.80	37.68	87.10	38.01	86.50	38.33	86.10	38.49	85.90	38.65	85.30	38.96
	-21.8	-22	95.40	38.79	94.70	39.14	94.10	39.48	93.70	39.64	93.40	39.81	92.80	40.14
	-19.8	-20	100.8	39.53	100.1	39.89	99.40	40.24	99.00	40.42	98.80	40.59	98.00	40.93
	-18.8	-19	103.6	39.90	102.8	40.27	102.1	40.63	101.7	40.81	101.4	40.98	100.8	41.33
	-16.7	-17	109.3	40.67	108.5	41.04	107.8	41.42	107.4	41.60	107.0	41.78	106.3	42.13
	-15	-15.9	112.7	41.11	112.0	41.49	111.2	41.87	110.8	42.06	110.5	42.24	109.7	42.60
	-13.7	-15	116.0	41.51	115.1	41.91	114.4	42.30	114.0	42.50	113.6	42.68	112.9	43.05
	-11.8	-13	121.7	42.24	120.8	42.65	120.0	43.04	119.6	43.23	119.3	43.42	118.4	43.80
	-9.8	-11	128.2	43.03	127.2	43.45	126.4	43.85	125.9	44.04	125.5	44.24	123.9	44.26
	-9.5	-10	131.3	43.40	130.4	43.82	129.4	44.23	129.0	44.43	128.6	44.63	125.5	43.91
	-8.5	-9.1	134.4	43.77	133.4	44.20	132.5	44.61	132.0	44.82	131.6	45.01	127.0	43.58
	-7	-7.6	139.5	44.39	138.6	44.82	137.6	45.25	136.9	45.31	134.5	44.55	127.3	41.93
	-5	-5.6	146.7	45.23	145.8	45.68	142.9	45.22	140.5	44.51	136.5	43.02	127.3	39.64
	-3	-3.7	154.0	46.05	151.4	45.83	145.5	43.99	140.9	42.35	136.5	40.73	127.3	37.57
	0	-0.7	162.4	45.85	154.6	43.38	145.5	40.36	140.9	38.88	136.5	37.40	127.3	34.53
	3	2.2	163.7	42.73	154.6	39.92	145.5	37.17	140.9	35.82	136.5	34.49	127.3	31.87
	5	4.1	155.0	37.07	145.8	34.52	136.5	32.03	132.0	30.80	127.4	29.59	118.2	27.20
	7	6	145.9	31.91	136.7	29.60	127.4	27.33	122.7	26.23	118.0	25.12	108.7	22.96
	9	7.9	136.7	27.21	127.3	25.14	117.9	23.11	113.2	22.11	108.4	21.13	98.90	19.18
	11	9.8	127.0	23.01	117.6	21.16	108.1	19.34	103.3	18.46	98.50	17.58	88.90	15.84
	13	11.8	117.0	19.19	107.5	17.56	97.90	15.97	93.10	15.18	88.20	14.41	78.50	12.87
	15	13.7	106.7	15.87	97.10	14.45	87.40	13.04	82.50	12.36	77.50	11.67	67.60	10.34
100	-30	-30.2	74.90	36.01	74.40	36.30	73.90	36.59	73.60	36.73	73.40	36.88	72.80	37.16
	-24.8	-25	87.20	37.98	86.50	38.30	85.90	38.62	85.70	38.77	85.30	38.93	84.80	39.23
	-21.8	-22	94.80	39.13	94.10	39.47	93.50	39.80	93.10	39.97	92.80	40.13	92.20	40.46
	-19.8	-20	100.1	39.90	99.30	40.26	98.70	40.60	98.40	40.77	98.00	40.94	97.30	41.27
	-18.8	-19	102.8	40.29	102.1	40.66	101.3	41.00	101.1	41.18	100.7	41.35	100.0	41.69
	-16.7	-17	108.5	41.10	107.7	41.46	107.0	41.83	106.6	42.01	106.2	42.18	105.5	42.52
	-15	-15.9	111.8	41.56	111.0	41.94	110.3	42.30	109.9	42.48	109.5	42.66	108.8	43.01
	-13.7	-15	115.0	42.00	114.3	42.38	113.6	42.76	113.2	42.95	112.8	43.13	112.1	43.49
	-11.8	-13	120.6	42.75	119.8	43.14	119.0	43.53	118.5	43.72	118.2	43.90	114.7	42.84
	-9.8	-11	127.0	43.59	126.1	44.00	125.3	44.39	124.4	44.39	122.3	43.66	115.7	41.10
	-9.5	-10	130.0	43.99	129.1	44.39	128.2	44.77	126.0	44.04	123.8	43.33	115.7	40.07
	-8.5	-9.1	133.0	44.38	132.1	44.79	129.7	44.42	127.5	43.72	124.1	42.38	115.7	39.08
	-7	-7.6	138.1	45.04	136.7	45.22	132.3	43.88	128.1	42.25	124.1	40.65	115.7	37.50
	-5	-5.6	144.8	45.73	140.3	44.45	132.3	41.47	128.1	39.95	124.1	38.44	115.7	35.49
	-3	-3.7	148.4	44.96	140.5	42.21	132.3	39.28	128.1	37.85	124.1	36.43	115.7	33.65
	0	-0.7	148.9	41.44	140.5	38.73	132.3	36.09	128.1	34.78	124.1	33.51	115.7	30.98
	3	2.2	148.9	38.16	140.5	35.69	132.3	33.29	128.1	32.10	124.1	30.93	115.7	28.62
	5	4.1	140.9	33.19	132.5	30.95	124.1	28.75	120.0	27.68	115.8	26.60	107.4	24.50
	7	6	132.7	28.61	124.3	26.59	115.8	24.60	111.5	23.62	107.3	22.65	98.90	20.74
	9	7.9	124.3	24.48	115.7	22.65	107.1	20.86	102.9	19.98	98.50	19.11	89.90	17.40
	11	9.8	115.5	20.75	106.9	19.13	98.30	17.53	93.90	16.75	89.50	15.96	80.80	14.43
	13	11.8	106.4	17.38	97.80	15.94	89.00	14.53	84.60	13.83	80.20	13.14	71.40	11.79
	15	13.7	97.00	14.44	88.20	13.17	79.40	11.94	75.00	11.33	70.50	10.72	61.50	9.53

18. ARUM420LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	74.50	36.28	73.90	36.57	73.40	36.85	73.20	36.99	72.90	37.13	72.40	37.40
	-24.8	-25	86.50	38.33	85.90	38.65	85.30	38.95	85.00	39.11	84.70	39.26	84.10	39.56
	-21.8	-22	94.00	39.54	93.30	39.86	92.70	40.20	92.30	40.36	92.00	40.51	91.40	40.83
	-19.8	-20	99.10	40.35	98.50	40.69	97.80	41.03	97.50	41.20	97.20	41.36	96.50	41.68
	-18.8	-19	101.9	40.76	101.1	41.12	100.5	41.45	100.1	41.63	99.80	41.79	99.20	42.11
	-16.7	-17	107.5	41.61	106.7	41.97	106.0	42.32	105.6	42.49	105.2	42.66	102.6	41.90
	-15	-15.9	110.7	42.10	109.9	42.46	109.3	42.82	108.9	42.99	108.2	43.02	104.2	41.47
	-13.7	-15	113.9	42.57	113.2	42.95	112.4	43.31	111.9	43.41	109.9	42.68	104.2	40.19
	-11.8	-13	119.4	43.36	118.5	43.74	116.5	43.44	114.5	42.77	111.6	41.55	104.2	38.32
	-9.8	-11	125.5	44.26	123.6	44.08	119.1	42.48	115.3	40.93	111.6	39.38	104.2	36.37
	-9.5	-10	128.5	44.68	125.1	43.75	119.1	41.41	115.3	39.90	111.6	38.40	104.2	35.47
	-8.5	-9.1	130.7	44.68	126.5	43.38	119.1	40.39	115.3	38.92	111.6	37.47	104.2	34.61
	-7	-7.6	133.2	44.14	126.5	41.61	119.1	38.75	115.3	37.35	111.6	35.97	104.2	33.24
	-5	-5.6	134.0	42.08	126.5	39.35	119.1	36.66	115.3	35.34	111.6	34.04	104.2	31.47
	-3	-3.7	134.0	39.86	126.5	37.29	119.1	34.76	115.3	33.51	111.6	32.28	104.2	29.87
	0	-0.7	134.0	36.62	126.5	34.27	119.1	31.98	115.3	30.85	111.6	29.73	104.2	27.54
	3	2.2	134.0	33.77	126.5	31.63	119.1	29.55	115.3	28.52	111.6	27.50	104.2	25.50
	5	4.1	126.8	29.43	119.3	27.49	111.7	25.59	108.0	24.64	104.2	23.71	96.60	21.87
	7	6	119.4	25.44	111.9	23.67	104.2	21.95	100.4	21.09	96.60	20.25	89.00	18.59
	9	7.9	111.8	21.82	104.2	20.24	96.40	18.68	92.60	17.92	88.80	17.15	81.00	15.65
	11	9.8	103.9	18.57	96.20	17.15	88.40	15.76	84.50	15.08	80.60	14.39	72.70	13.05
	13	11.8	95.80	15.62	88.00	14.37	80.20	13.13	76.20	12.52	72.20	11.92	64.20	10.73
	15	13.7	87.40	13.04	79.40	11.94	71.60	10.86	67.50	10.32	63.40	9.79	55.30	8.75
80	-30	-30.2	73.90	36.61	73.30	36.89	72.80	37.17	72.60	37.30	72.40	37.44	71.80	37.71
	-24.8	-25	85.70	38.76	85.10	39.07	84.50	39.37	84.20	39.52	83.90	39.66	83.40	39.96
	-21.8	-22	93.00	40.04	92.30	40.36	91.70	40.67	91.40	40.83	91.10	40.98	90.00	40.93
	-19.8	-20	98.10	40.89	97.40	41.23	96.80	41.56	96.40	41.72	95.90	41.78	92.50	40.36
	-18.8	-19	100.7	41.34	100.1	41.67	99.40	42.01	99.00	42.17	97.30	41.48	92.60	39.37
	-16.7	-17	106.1	42.23	105.4	42.57	103.5	42.22	101.8	41.56	99.20	40.43	92.60	37.35
	-15	-15.9	109.3	42.76	108.7	43.11	105.2	41.87	102.5	40.70	99.20	39.18	92.60	36.18
	-13.7	-15	112.5	43.27	110.4	42.83	105.8	40.94	102.5	39.43	99.20	37.95	92.60	35.04
	-11.8	-13	116.6	43.43	112.4	41.92	105.8	39.03	102.5	37.61	99.20	36.21	92.60	33.44
	-9.8	-11	119.1	42.48	112.4	39.73	105.8	37.04	102.5	35.71	99.20	34.40	92.60	31.80
	-9.5	-10	119.1	41.41	112.4	38.73	105.8	36.12	102.5	34.83	99.20	33.55	92.60	31.05
	-8.5	-9.1	119.1	40.39	112.4	37.79	105.8	35.24	102.5	33.99	99.20	32.74	92.60	30.30
	-7	-7.6	119.1	38.75	112.4	36.27	105.8	33.83	102.5	32.64	99.20	31.46	92.60	29.12
	-5	-5.6	119.1	36.66	112.4	34.33	105.8	32.04	102.5	30.92	99.20	29.80	92.60	27.60
	-3	-3.7	119.1	34.76	112.4	32.56	105.8	30.40	102.5	29.34	99.20	28.30	92.60	26.24
	0	-0.7	119.1	31.98	112.4	29.98	105.8	28.02	102.5	27.07	99.20	26.10	92.60	24.23
	3	2.2	119.1	29.55	112.4	27.72	105.8	25.94	102.5	25.06	99.20	24.18	92.60	22.47
	5	4.1	112.7	25.82	106.0	24.16	99.30	22.52	96.00	21.72	92.60	20.91	85.90	19.34
	7	6	106.1	22.38	99.40	20.87	92.60	19.39	89.30	18.66	85.90	17.93	79.00	16.50
	9	7.9	99.40	19.26	92.60	17.90	85.70	16.57	82.30	15.91	78.90	15.25	72.00	13.96
	11	9.8	92.40	16.46	85.50	15.25	78.60	14.05	75.20	13.46	71.60	12.87	64.70	11.71
	13	11.8	85.10	13.91	78.20	12.83	71.20	11.77	67.70	11.25	64.20	10.73	57.10	9.70
	15	13.7	77.70	11.69	70.60	10.74	63.60	9.80	60.00	9.34	56.50	8.88	49.20	7.97
70	-30	-30.2	73.10	37.04	72.60	37.30	72.10	37.57	71.80	37.71	71.60	37.84	71.20	38.09

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	84.60	39.30	84.10	39.60	83.50	39.89	83.20	40.03	83.00	40.17	80.30	39.06
	-21.8	-22	91.70	40.66	91.10	40.96	90.00	40.91	88.40	40.26	86.80	39.55	81.00	36.58
	-19.8	-20	96.80	41.57	95.60	41.58	92.50	40.36	89.70	38.97	86.80	37.54	81.00	34.72
	-18.8	-19	99.30	42.04	96.90	41.29	92.60	39.37	89.70	37.97	86.80	36.58	81.00	33.84
	-16.7	-17	102.7	41.88	98.40	40.04	92.60	37.35	89.70	36.02	86.80	34.71	81.00	32.13
	-15	-15.9	104.2	41.47	98.40	38.80	92.60	36.18	89.70	34.88	86.80	33.59	81.00	31.07
	-13.7	-15	104.2	40.19	98.40	37.58	92.60	35.04	89.70	33.78	86.80	32.54	81.00	30.10
	-11.8	-13	104.2	38.32	98.40	35.86	92.60	33.44	89.70	32.24	86.80	31.07	81.00	28.74
	-9.8	-11	104.2	36.37	98.40	34.08	92.60	31.80	89.70	30.68	86.80	29.58	81.00	27.39
	-9.5	-10	104.2	35.47	98.40	33.24	92.60	31.05	89.70	29.97	86.80	28.89	81.00	26.79
	-8.5	-9.1	104.2	34.61	98.40	32.44	92.60	30.31	89.70	29.25	86.80	28.21	81.00	26.16
	-7	-7.6	104.2	33.24	98.40	31.16	92.60	29.12	89.70	28.12	86.80	27.12	81.00	25.16
	-5	-5.6	104.2	31.47	98.40	29.52	92.60	27.61	89.70	26.67	86.80	25.73	81.00	23.89
	-3	-3.7	104.2	29.87	98.40	28.04	92.60	26.24	89.70	25.35	86.80	24.46	81.00	22.72
	0	-0.7	104.2	27.54	98.40	25.87	92.60	24.23	89.70	23.42	86.80	22.62	81.00	21.03
	3	2.2	104.2	25.50	98.40	23.97	92.60	22.47	89.70	21.73	86.80	21.00	81.00	19.55
	5	4.1	98.70	22.35	92.80	20.95	86.90	19.57	84.00	18.89	81.10	18.22	75.20	16.88
	7	6	92.80	19.43	87.00	18.17	81.10	16.92	78.10	16.30	75.20	15.69	69.10	14.48
	9	7.9	86.90	16.81	81.00	15.66	75.00	14.53	72.00	13.97	69.10	13.42	63.00	12.33
	11	9.8	80.80	14.43	74.80	13.41	68.80	12.39	65.70	11.89	62.70	11.40	56.50	10.41
	13	11.8	74.50	12.27	68.40	11.36	62.30	10.46	59.20	10.01	56.10	9.57	49.90	8.70
	15	13.7	68.00	10.38	61.80	9.58	55.60	8.78	52.50	8.38	49.40	8.00	43.00	7.23
60	-30	-30.2	72.10	37.58	71.60	37.84	71.20	38.09	70.90	38.23	70.60	38.35	68.60	37.40
	-24.8	-25	83.30	40.00	82.10	39.82	79.40	38.63	76.90	37.28	74.40	35.93	69.50	33.27
	-21.8	-22	88.20	40.16	84.40	38.27	79.40	35.74	76.90	34.49	74.40	33.25	69.50	30.81
	-19.8	-20	89.30	38.77	84.40	36.34	79.40	33.93	76.90	32.76	74.40	31.59	69.50	29.28
	-18.8	-19	89.30	37.77	84.40	35.39	79.40	33.07	76.90	31.92	74.40	30.79	69.50	28.54
	-16.7	-17	89.30	35.84	84.40	33.60	79.40	31.40	76.90	30.31	74.40	29.24	69.50	27.12
	-15	-15.9	89.30	34.70	84.40	32.51	79.40	30.37	76.90	29.31	74.40	28.27	69.50	26.20
	-13.7	-15	89.30	33.61	84.40	31.49	79.40	29.42	76.90	28.40	74.40	27.39	69.50	25.40
	-11.8	-13	89.30	32.07	84.40	30.06	79.40	28.09	76.90	27.12	74.40	26.16	69.50	24.26
	-9.8	-11	89.30	30.52	84.40	28.64	79.40	26.76	76.90	25.84	74.40	24.93	69.50	23.13
	-9.5	-10	89.30	29.81	84.40	27.99	79.40	26.20	76.90	25.32	74.40	24.44	69.50	22.72
	-8.5	-9.1	89.30	29.10	84.40	27.33	79.40	25.59	76.90	24.73	74.40	23.88	69.50	22.19
	-7	-7.6	89.30	27.97	84.40	26.28	79.40	24.61	76.90	23.79	74.40	22.98	69.50	21.37
	-5	-5.6	89.30	26.53	84.40	24.94	79.40	23.37	76.90	22.60	74.40	21.83	69.50	20.32
	-3	-3.7	89.30	25.22	84.40	23.71	79.40	22.24	76.90	21.51	74.40	20.78	69.50	19.36
	0	-0.7	89.30	23.30	84.40	21.93	79.40	20.59	76.90	19.92	74.40	19.26	69.50	17.96
	3	2.2	89.30	21.63	84.40	20.37	79.40	19.14	76.90	18.53	74.40	17.93	69.50	16.74
	5	4.1	84.50	19.01	79.60	17.87	74.50	16.73	72.00	16.17	69.50	15.62	64.50	14.52
	7	6	79.60	16.61	74.60	15.57	69.50	14.54	67.00	14.04	64.40	13.53	59.30	12.54
	9	7.9	74.50	14.44	69.50	13.50	64.30	12.56	61.70	12.10	59.20	11.65	54.00	10.75
	11	9.8	69.30	12.48	64.10	11.63	59.00	10.79	56.30	10.38	53.70	9.97	48.50	9.15
	13	11.8	63.80	10.69	58.60	9.93	53.40	9.18	50.80	8.81	48.10	8.46	42.80	7.72
	15	13.7	58.20	9.12	52.90	8.44	47.70	7.79	45.00	7.47	42.30	7.14	36.90	6.50
50	-30	-30.2	70.70	38.30	69.10	37.61	66.10	36.04	64.10	34.79	62.00	33.55	57.90	31.11
	-24.8	-25	74.40	35.93	70.30	33.71	66.10	31.53	64.10	30.45	62.00	29.38	57.90	27.28

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	74.40	33.25	70.30	31.21	66.10	29.21	64.10	28.22	62.00	27.24	57.90	25.31
	-19.8	-20	74.40	31.59	70.30	29.66	66.10	27.76	64.10	26.83	62.00	25.91	57.90	24.07
	-18.8	-19	74.40	30.79	70.30	28.92	66.10	27.08	64.10	26.16	62.00	25.27	57.90	23.49
	-16.7	-17	74.40	29.24	70.30	27.48	66.10	25.74	64.10	24.88	62.00	24.03	57.90	22.35
	-15	-15.9	74.40	28.27	70.30	26.54	66.10	24.86	64.10	24.02	62.00	23.19	57.90	21.57
	-13.7	-15	74.40	27.39	70.30	25.72	66.10	24.09	64.10	23.29	62.00	22.49	57.90	20.91
	-11.8	-13	74.40	26.16	70.30	24.58	66.10	23.02	64.10	22.26	62.00	21.50	57.90	20.01
	-9.8	-11	74.40	24.93	70.30	23.43	66.10	21.96	64.10	21.24	62.00	20.51	57.90	19.09
	-9.5	-10	74.40	24.44	70.30	23.00	66.10	21.58	64.10	20.88	62.00	20.19	57.90	18.82
	-8.5	-9.1	74.40	23.88	70.30	22.48	66.10	21.10	64.10	20.42	62.00	19.74	57.90	18.40
	-7	-7.6	74.40	22.98	70.30	21.64	66.10	20.31	64.10	19.66	62.00	19.02	57.90	17.74
	-5	-5.6	74.40	21.83	70.30	20.57	66.10	19.32	64.10	18.71	62.00	18.10	57.90	16.90
	-3	-3.7	74.40	20.78	70.30	19.60	66.10	18.43	64.10	17.84	62.00	17.27	57.90	16.14
	0	-0.7	74.40	19.26	70.30	18.17	66.10	17.10	64.10	16.58	62.00	16.05	57.90	15.01
	3	2.2	74.40	17.93	70.30	16.93	66.10	15.95	64.10	15.47	62.00	14.98	57.90	14.04
	5	4.1	70.40	15.83	66.30	14.92	62.10	14.02	60.00	13.58	57.90	13.13	53.70	12.25
	7	6	66.30	13.91	62.10	13.08	57.90	12.27	55.80	11.85	53.70	11.46	49.40	10.65
	9	7.9	62.10	12.17	57.90	11.42	53.60	10.67	51.40	10.31	49.30	9.94	45.00	9.22
	11	9.8	57.70	10.60	53.50	9.92	49.10	9.25	47.00	8.92	44.80	8.59	40.40	7.94
	13	11.8	53.20	9.16	48.90	8.56	44.50	7.96	42.30	7.66	40.10	7.37	35.70	6.79
	15	13.7	48.50	7.90	44.10	7.37	39.70	6.83	37.50	6.57	35.30	6.31	30.70	5.79

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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18.5 Capacity Correction Factor

18.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
-60	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-50	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-40	-	-	-	-	94.0	93.0	92.0	91.0	90.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-20	-	-	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
30	-	-	-	97.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
50	-	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
60	-	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	79.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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18.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

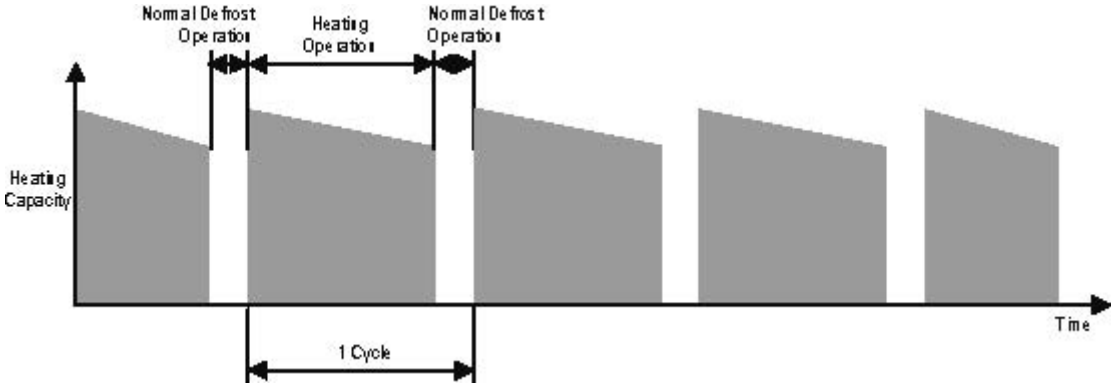
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

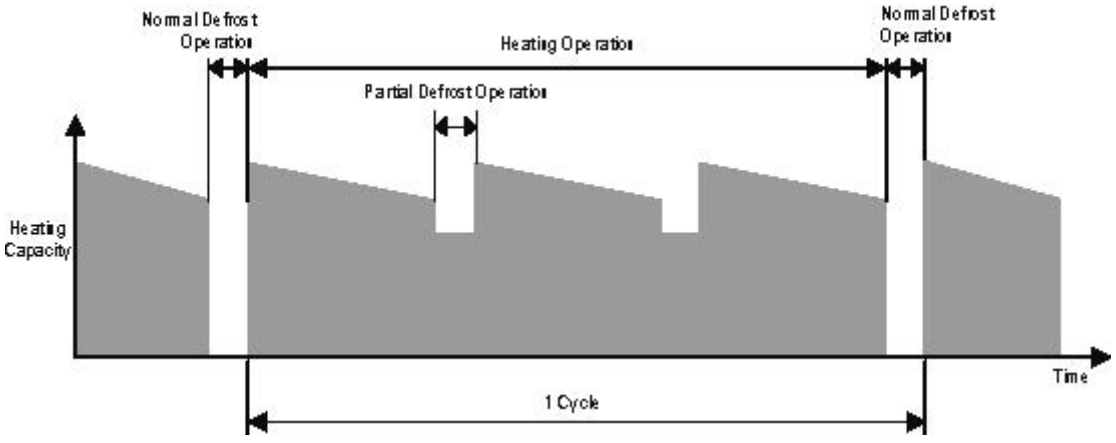
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



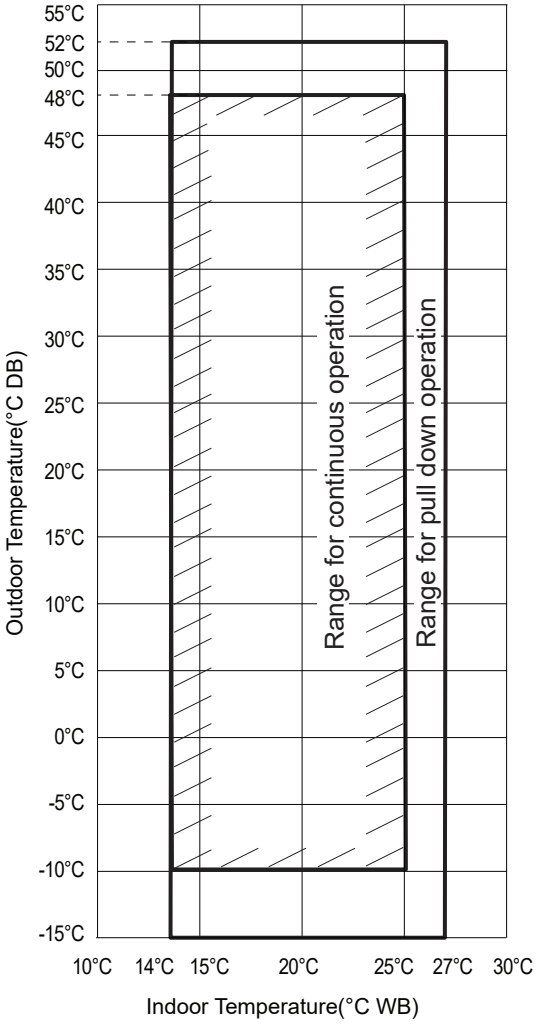
■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

18.6 Operation Limits

18.6.1 Cooling

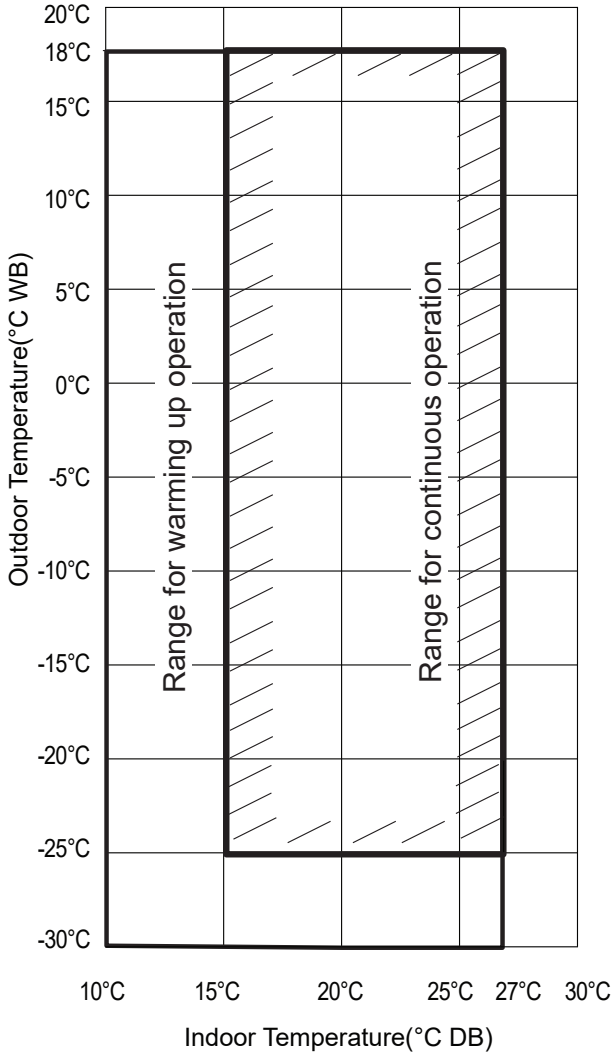


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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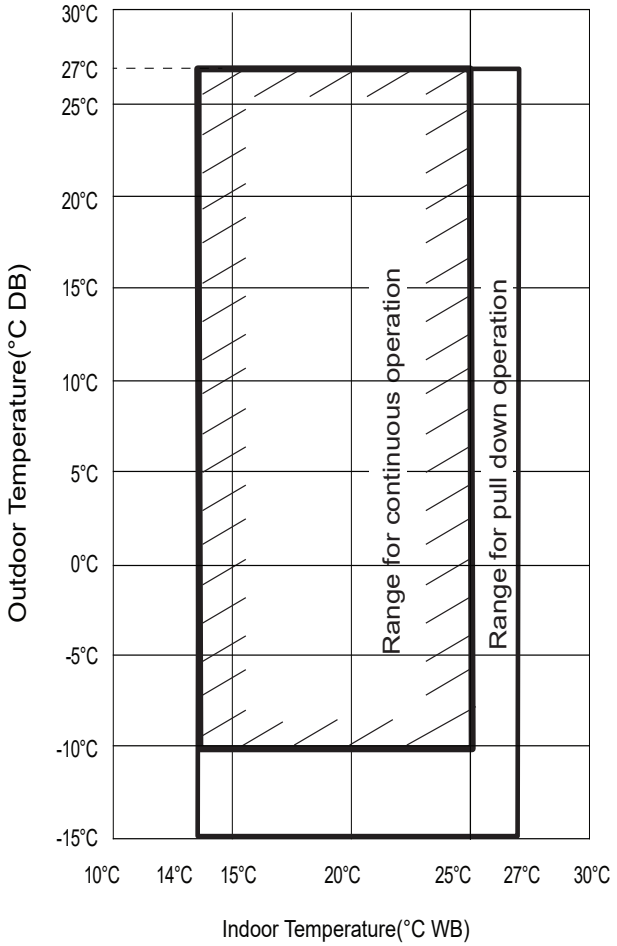
18.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

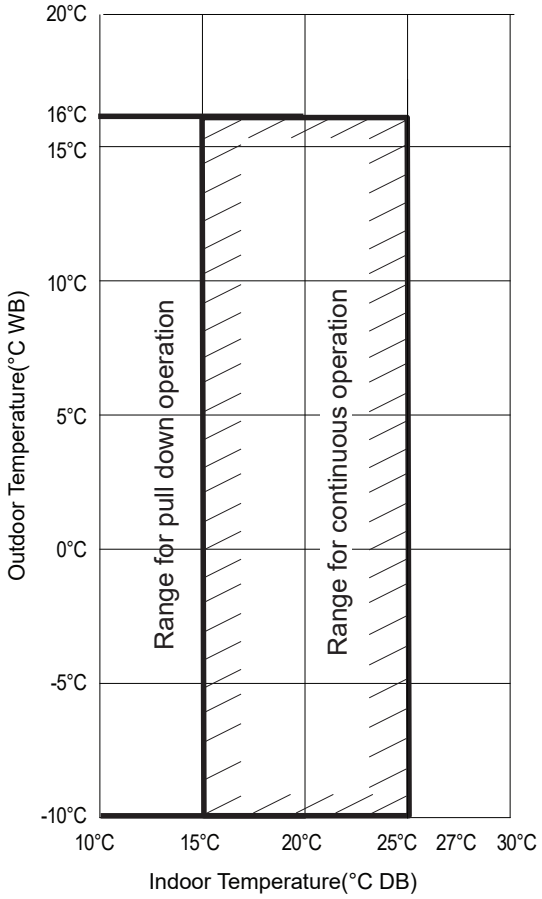
18.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

18.6.4 Simultaneous Operation (Heating)



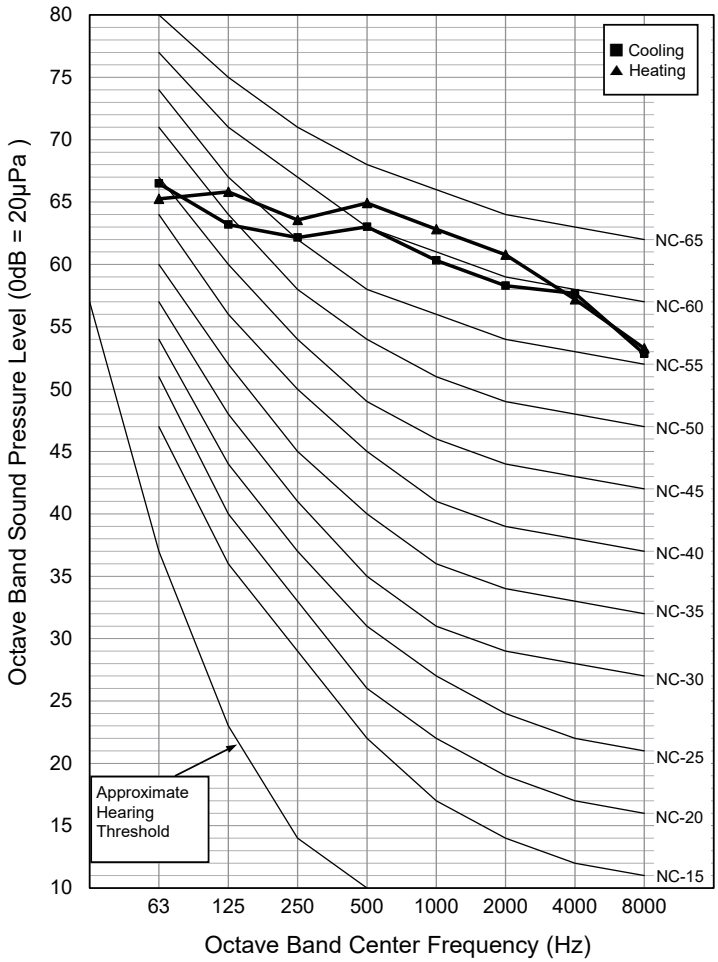
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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18.7 Sound Levels

18.7.1 Pressure Levels



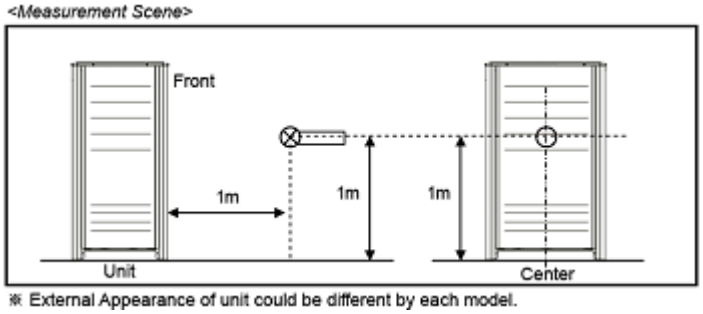
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	66.5	63.2	62.2	63.0	60.3	58.3	57.7	52.8
Heating[dB]	65.3	65.8	63.6	64.9	62.8	60.8	57.2	53.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	66.1 / 67.9

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

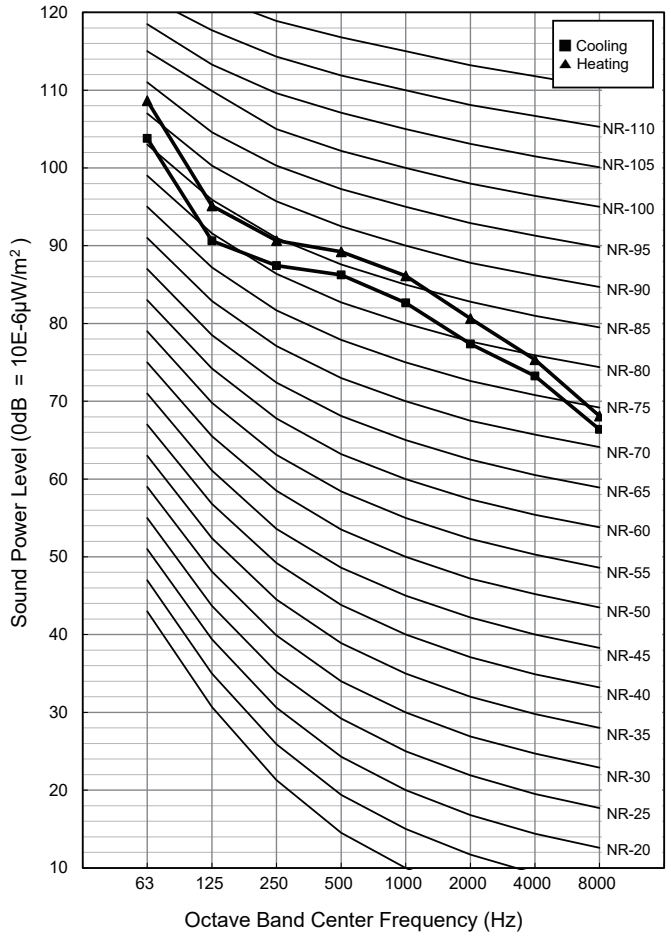
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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18.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	103.8	90.6	87.5	86.2	82.6	77.4	73.2	66.4
Heating[dB]	108.6	95.1	90.7	89.2	86.1	80.6	75.4	68.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	88.1 / 91.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

19. ARUM440LTE6

19.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	71.38 - 67.81 - 65.36
	Running Current by Voltage (Heating,Rated)	A	51.05 - 48.5 - 46.75
Cooling Capacity	Rated	kW	123.2
		Btu/h	420,400
Heating Capacity	Rated	kW	123.2
		Btu/h	420,400
	Max	kW	138.6
		Btu/h	472,900
Power Input(Cooling)	Rated	kW	43.69
Power Input(Heating)	Rated	kW	31.25
Efficiency	EER(Rated)	W/W	2.82
	COP(Rated)	W/W	3.94
	SEER	Wh/Wh	7.66
	SCOP	Wh/Wh	4.72
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 4
	Number of Revolution	rev./min	3,600 x 4
	Motor Output	W x No.	5,300 x 4
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	3
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	1,640 x 1,745 x 760
	Shipping(W x H x D)	mm	1,675 x 1,919 x 787
Weight	Net	kg	(362 x 1) + (300 x 1)
	Shipping	kg	(372 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

19. ARUM440LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	32.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	66.800
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	66.8 / 67.9
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	88.5 / 91.5
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	100.8
	Maximum Fuse Amperes (MFA)	A	125
	Total Over Current Amperes (TOCA)	A	112.0
	Comp_Maximum Starting Current (MSC)	A	23.6
	Comp_Rated Load Amperes (Cooling)	A	63.9
	Comp_Rated Load Amperes (Heating)	A	43.6
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	7.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

19. ARUM440LTE6

19.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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19.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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19.4 Capacity Tables

19.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	96.20	10.79	121.5	15.22	148.7	22.46	160.1	26.44	172.9	31.05	183.9	34.97	192.5	38.08
	12	96.20	11.83	121.5	16.82	148.7	24.75	160.1	29.03	172.9	33.78	183.9	37.73	192.5	40.86
	14	96.20	12.98	121.5	18.58	148.7	27.25	160.1	31.78	172.9	36.72	183.9	40.72	192.5	43.88
	16	96.20	14.27	121.5	20.53	148.7	29.99	160.1	34.74	172.9	39.84	183.9	43.94	192.5	47.15
	18	96.20	15.70	121.5	22.66	148.7	32.98	160.1	37.95	172.9	43.20	183.9	47.18	192.5	49.73
	20	96.20	17.27	121.5	24.99	148.7	36.25	160.1	41.38	172.9	45.82	183.9	49.22	192.5	51.72
	21	96.20	18.12	121.5	26.24	148.7	37.97	160.1	42.50	172.9	46.90	183.9	50.30	192.5	52.78
	23	96.20	19.96	121.5	28.91	148.7	40.37	160.1	44.85	172.9	49.18	183.9	52.61	192.5	55.07
	25	96.20	21.96	121.5	31.09	148.7	42.78	160.1	47.30	172.9	51.64	183.9	55.13	192.5	57.61
	27	96.20	23.76	121.5	33.12	148.7	45.29	160.1	49.82	172.9	54.31	183.9	57.91	192.5	60.47
	29	96.20	25.34	121.5	35.29	148.7	47.97	160.1	52.54	172.9	57.22	183.9	61.01	191.6	63.44
	31	96.20	27.02	121.5	37.62	148.7	50.88	160.1	55.49	172.9	60.45	183.9	64.52	190.2	66.66
	33	96.20	28.82	121.5	40.12	148.7	53.95	160.1	58.71	172.9	64.07	181.8	67.70	181.8	67.71
	35	96.20	30.73	121.5	42.81	148.7	57.14	160.1	62.27	170.2	66.93	170.1	66.91	170.2	66.92
	37	96.20	32.78	121.5	45.72	148.7	60.65	158.7	65.61	158.7	65.60	158.6	65.58	158.6	65.60
	39	96.20	34.96	121.5	48.89	147.4	63.90	147.3	63.89	147.3	63.85	147.2	63.84	147.2	63.84
	41	96.20	37.29	121.5	52.38	136.5	61.96	136.3	61.93	136.3	61.89	136.1	61.86	136.3	61.92
	43	96.20	39.81	121.5	56.25	125.7	59.11	125.5	59.10	125.5	59.04	125.5	59.11	125.4	59.05
	46	96.20	43.96	110.6	53.91	110.3	53.81	110.4	53.85	110.3	53.77	110.2	53.76	110.3	53.81
	48	96.20	47.03	100.8	50.33	100.7	50.32	100.7	50.27	100.7	50.30	100.7	50.34	100.6	50.28
	50	91.90	47.25	91.80	47.19	91.60	47.17	91.60	47.14	91.60	47.15	91.40	47.07	91.50	47.12
	52	81.60	41.46	82.70	39.28	83.00	37.08	82.90	36.61	83.00	36.12	83.00	35.69	83.00	35.40
120	10	88.80	9.84	112.2	13.35	137.2	19.06	147.8	22.18	159.7	26.28	169.8	29.89	177.7	32.78
	12	88.80	10.73	112.2	14.74	137.2	21.05	147.8	24.45	159.7	28.86	169.8	32.58	177.7	35.50
	14	88.80	11.73	112.2	16.26	137.2	23.24	147.8	26.93	159.7	31.62	169.8	35.49	177.7	38.43
	16	88.80	12.84	112.2	17.95	137.2	25.62	147.8	29.63	159.7	34.57	169.8	38.65	177.7	41.61
	18	88.80	14.08	112.2	19.81	137.2	28.24	147.8	32.59	159.7	37.77	169.8	41.98	177.7	45.04
	20	88.80	15.46	112.2	21.85	137.2	31.10	147.8	35.84	159.7	41.20	169.8	44.79	177.7	47.31
	21	88.80	16.20	112.2	22.95	137.2	32.63	147.8	37.55	159.7	42.33	169.8	45.87	177.7	48.39
	23	88.80	17.81	112.2	25.29	137.2	35.35	147.8	39.97	159.7	44.69	169.8	48.15	177.7	50.69
	25	88.80	19.58	112.2	27.60	137.2	37.61	147.8	42.44	159.7	47.15	169.8	50.59	177.7	53.18
	27	88.80	21.41	112.2	29.42	137.2	40.04	147.8	44.92	159.7	49.67	169.8	53.22	177.7	55.90
	29	88.80	22.82	112.2	31.36	137.2	42.66	147.8	47.59	159.7	52.38	169.8	56.08	177.7	58.89
	31	88.80	24.33	112.2	33.43	137.2	45.48	147.8	50.47	159.7	55.31	169.8	59.24	177.7	62.23
	33	88.80	25.94	112.2	35.64	137.2	48.53	147.8	53.58	159.7	58.53	169.8	62.74	177.7	66.03
	35	88.80	27.67	112.2	38.02	137.2	51.56	147.8	56.75	159.7	62.08	169.8	66.72	170.3	66.95
	37	88.80	29.52	112.2	40.57	137.2	54.87	147.8	60.22	158.8	65.60	158.7	65.60	158.6	65.59
	39	88.80	31.47	112.2	43.32	137.2	58.51	147.4	63.91	147.4	63.91	147.3	63.90	147.3	63.89
	41	88.80	33.57	112.2	46.30	136.5	61.94	136.3	61.89	136.3	61.89	136.2	61.90	136.2	61.89
	43	88.80	35.82	112.2	49.56	125.7	59.13	125.6	59.09	125.6	59.08	125.5	59.10	125.5	59.09
	46	88.80	39.50	110.5	53.91	110.4	53.79	110.4	53.79	110.4	53.84	110.3	53.81	110.3	53.77
	48	88.80	42.19	100.9	50.34	100.8	50.33	100.8	50.38	100.7	50.31	100.6	50.26	100.7	50.30
	50	88.80	45.10	91.80	47.16	91.60	47.13	91.60	47.13	91.60	47.13	91.60	47.19	91.60	47.12
	52	81.30	42.25	82.30	40.19	83.00	37.98	83.00	37.54	82.90	37.04	83.00	36.68	83.00	36.49
110	10	81.40	9.02	102.8	11.77	125.8	16.18	135.5	18.58	146.3	21.73	155.6	24.81	162.9	27.48
	12	81.40	9.77	102.8	12.93	125.8	17.89	135.5	20.53	146.3	23.96	155.6	27.29	162.9	30.05
	14	81.40	10.62	102.8	14.24	125.8	19.76	135.5	22.67	146.3	26.39	155.6	29.99	162.9	32.82

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	81.40	11.57	102.8	15.69	125.8	21.82	135.5	25.01	146.3	29.06	155.6	32.94	162.9	35.84
	18	81.40	12.64	102.8	17.29	125.8	24.09	135.5	27.56	146.3	31.98	155.6	36.12	162.9	39.12
	20	81.40	13.83	102.8	19.05	125.8	26.55	135.5	30.36	146.3	35.16	155.6	39.49	162.9	42.43
	21	81.40	14.47	102.8	20.00	125.8	27.87	135.5	31.87	146.3	36.87	155.6	40.82	162.9	43.57
	23	81.40	15.87	102.8	22.03	125.8	30.71	135.5	34.62	146.3	39.33	155.6	43.11	162.9	45.87
	25	81.40	17.42	102.8	24.27	125.8	32.78	135.5	36.85	146.3	41.82	155.6	45.57	162.9	48.26
	27	81.40	19.12	102.8	26.00	125.8	34.93	135.5	39.23	146.3	44.33	155.6	48.20	162.9	50.82
	29	81.40	20.47	102.8	27.73	125.8	37.21	135.5	41.78	146.3	46.98	155.6	50.88	162.9	53.57
	31	81.40	21.82	102.8	29.56	125.8	39.66	135.5	44.55	146.3	49.81	155.6	53.74	162.9	56.58
	33	81.40	23.27	102.8	31.52	125.8	42.30	135.5	47.55	146.3	52.90	155.6	56.85	162.9	59.88
	35	81.40	24.81	102.8	33.62	125.8	45.15	135.5	50.69	146.3	56.12	155.6	60.26	162.9	63.54
	37	81.40	26.46	102.8	35.85	125.8	48.26	135.5	53.92	146.3	59.54	155.6	64.05	158.7	65.58
	39	81.40	28.23	102.8	38.25	125.8	51.66	135.5	57.48	146.3	63.31	147.3	63.84	147.4	63.89
	41	81.40	30.11	102.8	40.84	125.8	55.44	135.5	61.40	136.4	61.92	136.2	61.89	136.3	61.90
	43	81.40	32.12	102.8	43.63	125.6	59.03	125.7	59.14	125.6	59.09	125.6	59.12	125.6	59.11
	46	81.40	35.40	102.8	48.27	110.4	53.84	110.4	53.82	110.3	53.80	110.3	53.80	110.2	53.75
	48	81.40	37.77	100.9	50.39	100.8	50.36	100.8	50.36	100.8	50.31	100.6	50.30	100.6	50.27
	50	81.40	40.33	91.80	47.25	91.60	47.13	91.60	47.17	91.60	47.10	91.60	47.12	91.60	47.16
	52	80.90	42.71	81.70	41.19	82.90	39.09	82.90	38.65	83.00	38.18	82.80	37.77	83.00	37.24
100	10	74.00	8.32	93.50	10.42	114.4	13.77	123.2	15.59	133.1	17.94	141.5	20.26	148.1	22.28
	12	74.00	8.95	93.50	11.41	114.4	15.20	123.2	17.22	133.1	19.84	141.5	22.37	148.1	24.55
	14	74.00	9.66	93.50	12.50	114.4	16.78	123.2	19.04	133.1	21.90	141.5	24.66	148.1	27.04
	16	74.00	10.46	93.50	13.71	114.4	18.53	123.2	21.02	133.1	24.18	141.5	27.18	148.1	29.75
	18	74.00	11.35	93.50	15.07	114.4	20.45	123.2	23.20	133.1	26.66	141.5	29.94	148.1	32.73
	20	74.00	12.37	93.50	16.58	114.4	22.56	123.2	25.59	133.1	29.37	141.5	32.95	148.1	35.98
	21	74.00	12.91	93.50	17.38	114.4	23.69	123.2	26.86	133.1	30.83	141.5	34.56	148.1	37.71
	23	74.00	14.11	93.50	19.13	114.4	26.12	123.2	29.60	133.1	33.64	141.5	37.17	148.1	40.11
	25	74.00	15.45	93.50	21.05	114.4	28.40	123.2	31.74	133.1	35.80	141.5	39.54	148.1	42.55
	27	74.00	16.93	93.50	22.86	114.4	30.26	123.2	33.81	133.1	38.12	141.5	42.08	148.1	45.05
	29	74.00	18.29	93.50	24.38	114.4	32.26	123.2	36.02	133.1	40.61	141.5	44.83	148.1	47.72
	31	74.00	19.48	93.50	25.99	114.4	34.39	123.2	38.40	133.1	43.29	141.5	47.61	148.1	50.61
	33	74.00	20.76	93.50	27.72	114.4	36.67	123.2	40.95	133.1	46.19	141.5	50.54	148.1	53.72
	35	74.00	22.14	93.50	29.57	114.4	39.11	123.2	43.71	133.1	49.36	141.5	53.73	148.1	56.89
	37	74.00	23.61	93.50	31.53	114.4	41.74	123.2	46.69	133.1	52.64	141.5	57.22	148.1	60.37
	39	74.00	25.18	93.50	33.63	114.4	44.58	123.2	49.95	133.1	56.07	141.5	60.79	147.4	63.91
	41	74.00	26.87	93.50	35.88	114.4	47.67	123.2	53.55	133.1	59.86	136.4	61.94	136.4	61.91
	43	74.00	28.66	93.50	38.28	114.4	51.07	123.2	57.50	125.6	59.10	125.6	59.12	125.6	59.12
	46	74.00	31.59	93.50	42.25	110.4	53.84	110.5	53.82	110.4	53.79	110.4	53.80	110.3	53.77
	48	74.00	33.70	93.50	45.16	101.0	50.39	100.8	50.37	100.8	50.32	100.8	50.31	100.8	50.32
	50	74.00	35.96	91.90	47.21	91.80	47.18	91.70	47.13	91.70	47.18	91.70	47.17	91.60	47.16
	52	74.00	38.38	81.50	41.77	82.20	40.24	82.60	39.60	82.80	38.91	83.00	38.25	83.00	37.74
90	10	66.60	7.73	84.10	9.31	102.9	11.78	110.9	13.12	119.7	14.85	127.4	16.53	133.3	18.01
	12	66.60	8.24	84.10	10.10	102.9	12.96	110.9	14.47	119.7	16.41	127.4	18.28	133.3	19.90
	14	66.60	8.82	84.10	11.01	102.9	14.26	110.9	15.96	119.7	18.13	127.4	20.20	133.3	21.98
	16	66.60	9.48	84.10	12.02	102.9	15.72	110.9	17.61	119.7	20.02	127.4	22.31	133.3	24.26
	18	66.60	10.23	84.10	13.15	102.9	17.32	110.9	19.44	119.7	22.10	127.4	24.61	133.3	26.74
	20	66.60	11.07	84.10	14.40	102.9	19.09	110.9	21.43	119.7	24.37	127.4	27.14	133.3	29.47
	21	66.60	11.54	84.10	15.08	102.9	20.04	110.9	22.52	119.7	25.59	127.4	28.49	133.3	30.93
	23	66.60	12.54	84.10	16.55	102.9	22.08	110.9	24.81	119.7	28.21	127.4	31.36	133.3	33.73
	25	66.60	13.67	84.10	18.18	102.9	24.32	110.9	27.14	119.7	30.41	127.4	33.42	133.3	35.90
	27	66.60	14.94	84.10	19.97	102.9	26.05	110.9	28.92	119.7	32.41	127.4	35.59	133.3	38.22

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	66.60	16.27	84.10	21.31	102.9	27.77	110.9	30.83	119.7	34.54	127.4	37.92	133.3	40.72
	31	66.60	17.31	84.10	22.72	102.9	29.61	110.9	32.88	119.7	36.81	127.4	40.42	133.3	43.41
	33	66.60	18.43	84.10	24.22	102.9	31.57	110.9	35.05	119.7	39.26	127.4	43.10	133.3	46.32
	35	66.60	19.64	84.10	25.83	102.9	33.67	110.9	37.38	119.7	41.88	127.4	46.02	133.3	49.49
	37	66.60	20.94	84.10	27.54	102.9	35.92	110.9	39.88	119.7	44.72	127.4	49.20	133.3	52.76
	39	66.60	22.34	84.10	29.38	102.9	38.32	110.9	42.58	119.7	47.81	127.4	52.70	133.3	56.21
	41	66.60	23.84	84.10	31.34	102.9	40.91	110.9	45.51	119.7	51.20	127.4	56.36	133.3	60.01
	43	66.60	25.44	84.10	33.43	102.9	43.70	110.9	48.68	119.7	54.93	125.7	59.13	125.7	59.13
	46	66.60	28.04	84.10	36.84	102.9	48.35	110.5	53.86	110.5	53.86	110.4	53.83	110.5	53.87
	48	66.60	29.92	84.10	39.34	101.1	50.46	100.9	50.41	100.9	50.37	100.8	50.35	100.8	50.37
	50	66.60	31.93	84.10	42.01	91.80	47.22	91.80	47.21	91.70	47.16	91.70	47.15	91.80	47.21
	52	66.60	34.08	81.00	42.51	81.90	40.89	82.30	40.24	82.80	39.54	82.90	38.88	83.00	38.36
80	10	59.20	6.97	74.80	8.39	91.50	10.17	98.50	11.12	106.5	12.35	113.1	13.54	118.5	14.58
	12	59.20	7.64	74.80	9.02	91.50	11.11	98.50	12.21	106.5	13.60	113.1	14.95	118.5	16.11
	14	59.20	8.10	74.80	9.74	91.50	12.16	98.50	13.41	106.5	14.99	113.1	16.50	118.5	17.80
	16	59.20	8.63	74.80	10.56	91.50	13.34	98.50	14.75	106.5	16.54	113.1	18.22	118.5	19.66
	18	59.20	9.24	74.80	11.48	91.50	14.65	98.50	16.23	106.5	18.23	113.1	20.11	118.5	21.70
	20	59.20	9.93	74.80	12.51	91.50	16.09	98.50	17.88	106.5	20.10	113.1	22.19	118.5	23.94
	21	59.20	10.31	74.80	13.06	91.50	16.87	98.50	18.76	106.5	21.11	113.1	23.29	118.5	25.13
	23	59.20	11.15	74.80	14.28	91.50	18.55	98.50	20.67	106.5	23.27	113.1	25.67	118.5	27.70
	25	59.20	12.09	74.80	15.63	91.50	20.42	98.50	22.76	106.5	25.60	113.1	27.98	118.5	29.93
	27	59.20	13.15	74.80	17.13	91.50	22.24	98.50	24.53	106.5	27.30	113.1	29.82	118.5	31.90
	29	59.20	14.34	74.80	18.50	91.50	23.70	98.50	26.16	106.5	29.11	113.1	31.79	118.5	34.00
	31	59.20	15.31	74.80	19.71	91.50	25.28	98.50	27.90	106.5	31.04	113.1	33.89	118.5	36.23
	33	59.20	16.27	74.80	21.01	91.50	26.96	98.50	29.75	106.5	33.09	113.1	36.13	118.5	38.63
	35	59.20	17.33	74.80	22.40	91.50	28.75	98.50	31.72	106.5	35.30	113.1	38.53	118.5	41.22
	37	59.20	18.46	74.80	23.88	91.50	30.67	98.50	33.83	106.5	37.64	113.1	41.12	118.5	44.01
	39	59.20	19.69	74.80	25.48	91.50	32.70	98.50	36.09	106.5	40.17	113.1	43.92	118.5	47.03
	41	59.20	21.01	74.80	27.18	91.50	34.89	98.50	38.51	106.5	42.90	113.1	46.95	118.5	50.34
	43	59.20	22.43	74.80	29.00	91.50	37.22	98.50	41.11	106.5	45.86	113.1	50.26	118.5	53.99
	46	59.20	24.74	74.80	31.96	91.50	41.06	98.50	45.42	106.5	50.82	110.4	53.82	110.4	53.84
	48	59.20	26.42	74.80	34.10	91.50	43.88	98.50	48.62	100.9	50.35	100.9	50.37	100.9	50.37
	50	59.20	28.20	74.80	36.39	91.50	46.94	91.80	47.24	91.80	47.21	91.70	47.16	91.60	47.15
	52	59.20	30.10	74.80	38.84	81.50	41.75	81.90	41.08	82.30	40.35	82.60	39.68	82.80	39.17
70	10	51.90	5.78	65.40	7.64	80.10	8.88	86.20	9.54	93.10	10.38	99.00	11.20	103.6	11.90
	12	51.90	7.12	65.40	8.13	80.10	9.61	86.20	10.38	93.10	11.36	99.00	12.29	103.6	13.09
	14	51.90	7.48	65.40	8.69	80.10	10.43	86.20	11.32	93.10	12.44	99.00	13.50	103.6	14.42
	16	51.90	7.90	65.40	9.33	80.10	11.36	86.20	12.38	93.10	13.65	99.00	14.86	103.6	15.88
	18	51.90	8.38	65.40	10.06	80.10	12.39	86.20	13.55	93.10	15.00	99.00	16.36	103.6	17.50
	20	51.90	8.93	65.40	10.88	80.10	13.54	86.20	14.86	93.10	16.49	99.00	18.01	103.6	19.30
	21	51.90	9.24	65.40	11.33	80.10	14.17	86.20	15.57	93.10	17.30	99.00	18.91	103.6	20.25
	23	51.90	9.92	65.40	12.31	80.10	15.52	86.20	17.10	93.10	19.03	99.00	20.82	103.6	22.32
	25	51.90	10.68	65.40	13.41	80.10	17.04	86.20	18.79	93.10	20.95	99.00	22.93	103.6	24.58
	27	51.90	11.55	65.40	14.64	80.10	18.69	86.20	20.61	93.10	22.76	99.00	24.71	103.6	26.30
	29	51.90	12.54	65.40	15.96	80.10	20.05	86.20	21.97	93.10	24.26	99.00	26.35	103.6	28.05
	31	51.90	13.47	65.40	16.97	80.10	21.37	86.20	23.42	93.10	25.88	99.00	28.10	103.6	29.91
	33	51.90	14.29	65.40	18.07	80.10	22.78	86.20	24.98	93.10	27.60	99.00	29.96	103.6	31.89
	35	51.90	15.19	65.40	19.26	80.10	24.30	86.20	26.64	93.10	29.43	99.00	31.94	103.6	34.01
	37	51.90	16.18	65.40	20.53	80.10	25.91	86.20	28.41	93.10	31.39	99.00	34.07	103.6	36.27
	39	51.90	17.24	65.40	21.90	80.10	27.65	86.20	30.31	93.10	33.48	99.00	36.34	103.6	38.70
	41	51.90	18.39	65.40	23.37	80.10	29.49	86.20	32.33	93.10	35.72	99.00	38.79	103.6	41.32

19. ARUM440LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	51.90	19.63	65.40	24.94	80.10	31.45	86.20	34.48	93.10	38.11	99.00	41.41	103.6	44.14
	46	51.90	21.67	65.40	27.49	80.10	34.67	86.20	38.02	93.10	42.05	99.00	45.76	103.6	48.86
	48	51.90	23.15	65.40	29.34	80.10	36.99	86.20	40.59	93.10	44.95	99.00	48.99	101.0	50.43
	50	51.90	24.73	65.40	31.31	80.10	39.49	86.20	43.36	91.90	47.28	91.80	47.18	91.80	47.18
	52	51.90	26.41	65.40	33.41	80.10	42.18	81.20	42.19	81.70	41.43	82.10	40.75	82.30	40.23
60	10	44.40	4.66	56.10	6.43	68.60	7.88	73.90	8.31	79.80	8.86	84.90	9.39	88.90	9.85
	12	44.40	6.50	56.10	7.41	68.60	8.41	73.90	8.93	79.80	9.59	84.90	10.20	88.90	10.74
	14	44.40	6.79	56.10	7.82	68.60	9.03	73.90	9.64	79.80	10.40	84.90	11.12	88.90	11.73
	16	44.40	7.13	56.10	8.31	68.60	9.73	73.90	10.44	79.80	11.31	84.90	12.15	88.90	12.84
	18	44.40	7.53	56.10	8.86	68.60	10.52	73.90	11.33	79.80	12.34	84.90	13.30	88.90	14.09
	20	44.40	7.97	56.10	9.49	68.60	11.41	73.90	12.35	79.80	13.50	84.90	14.57	88.90	15.47
	21	44.40	8.22	56.10	9.84	68.60	11.89	73.90	12.89	79.80	14.12	84.90	15.26	88.90	16.22
	23	44.40	8.77	56.10	10.60	68.60	12.95	73.90	14.08	79.80	15.47	84.90	16.76	88.90	17.82
	25	44.40	9.39	56.10	11.47	68.60	14.14	73.90	15.41	79.80	16.97	84.90	18.40	88.90	19.59
	27	44.40	10.11	56.10	12.45	68.60	15.46	73.90	16.90	79.80	18.63	84.90	20.21	88.90	21.41
	29	44.40	10.91	56.10	13.55	68.60	16.80	73.90	18.26	79.80	19.99	84.90	21.56	88.90	22.83
	31	44.40	11.78	56.10	14.50	68.60	17.87	73.90	19.45	79.80	21.31	84.90	22.98	88.90	24.34
	33	44.40	12.47	56.10	15.41	68.60	19.04	73.90	20.72	79.80	22.72	84.90	24.50	88.90	25.96
	35	44.40	13.22	56.10	16.40	68.60	20.29	73.90	22.09	79.80	24.22	84.90	26.13	88.90	27.69
	37	44.40	14.06	56.10	17.47	68.60	21.64	73.90	23.56	79.80	25.83	84.90	27.87	88.90	29.52
	39	44.40	14.96	56.10	18.63	68.60	23.09	73.90	25.13	79.80	27.56	84.90	29.73	88.90	31.49
	41	44.40	15.96	56.10	19.87	68.60	24.64	73.90	26.82	79.80	29.40	84.90	31.71	88.90	33.59
	43	44.40	17.03	56.10	21.21	68.60	26.29	73.90	28.61	79.80	31.35	84.90	33.83	88.90	35.84
	46	44.40	18.81	56.10	23.41	68.60	28.98	73.90	31.52	79.80	34.55	84.90	37.28	88.90	39.52
	48	44.40	20.11	56.10	25.00	68.60	30.92	73.90	33.63	79.80	36.87	84.90	39.80	88.90	42.21
	50	44.40	21.49	56.10	26.70	68.60	32.99	73.90	35.89	79.80	39.36	84.90	42.52	88.90	45.13
	52	44.40	22.99	56.10	28.50	68.60	35.20	73.90	38.31	79.80	42.04	81.20	42.26	81.50	41.73
50	10	37.00	3.62	46.70	5.02	57.20	6.62	61.60	7.37	66.50	7.72	70.80	8.05	74.10	8.32
	12	37.00	5.55	46.70	6.72	57.20	7.49	61.60	7.82	66.50	8.23	70.80	8.62	74.10	8.95
	14	37.00	6.04	46.70	7.04	57.20	7.92	61.60	8.31	66.50	8.81	70.80	9.27	74.10	9.66
	16	37.00	6.31	46.70	7.40	57.20	8.41	61.60	8.89	66.50	9.47	70.80	10.01	74.10	10.46
	18	37.00	6.62	46.70	7.81	57.20	8.99	61.60	9.54	66.50	10.21	70.80	10.84	74.10	11.36
	20	37.00	6.97	46.70	8.29	57.20	9.64	61.60	10.28	66.50	11.06	70.80	11.77	74.10	12.38
	21	37.00	7.17	46.70	8.54	57.20	10.00	61.60	10.68	66.50	11.52	70.80	12.28	74.10	12.93
	23	37.00	7.61	46.70	9.13	57.20	10.80	61.60	11.58	66.50	12.52	70.80	13.40	74.10	14.13
	25	37.00	8.11	46.70	9.79	57.20	11.68	61.60	12.58	66.50	13.66	70.80	14.64	74.10	15.45
	27	37.00	8.67	46.70	10.55	57.20	12.70	61.60	13.70	66.50	14.92	70.80	16.02	74.10	16.93
	29	37.00	9.32	46.70	11.41	57.20	13.82	61.60	14.96	66.50	16.25	70.80	17.38	74.10	18.29
	31	37.00	10.04	46.70	12.31	57.20	14.78	61.60	15.93	66.50	17.29	70.80	18.50	74.10	19.48
	33	37.00	10.66	46.70	13.03	57.20	15.71	61.60	16.95	66.50	18.40	70.80	19.71	74.10	20.77
	35	37.00	11.28	46.70	13.82	57.20	16.72	61.60	18.05	66.50	19.61	70.80	21.01	74.10	22.15
	37	37.00	11.96	46.70	14.70	57.20	17.81	61.60	19.24	66.50	20.92	70.80	22.40	74.10	23.62
	39	37.00	12.72	46.70	15.66	57.20	19.00	61.60	20.52	66.50	22.31	70.80	23.90	74.10	25.20
	41	37.00	13.56	46.70	16.69	57.20	20.27	61.60	21.89	66.50	23.80	70.80	25.50	74.10	26.88
	43	37.00	14.48	46.70	17.82	57.20	21.64	61.60	23.36	66.50	25.41	70.80	27.21	74.10	28.67
	46	37.00	16.05	46.70	19.68	57.20	23.88	61.60	25.78	66.50	28.00	70.80	29.99	74.10	31.59
	48	37.00	17.19	46.70	21.03	57.20	25.49	61.60	27.51	66.50	29.88	70.80	32.00	74.10	33.71
	50	37.00	18.44	46.70	22.48	57.20	27.22	61.60	29.36	66.50	31.88	70.80	34.14	74.10	35.97
	52	37.00	19.78	46.70	24.04	57.20	29.06	61.60	31.33	66.50	34.03	70.80	36.43	74.10	38.40

19. ARUM440LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

19. ARUM440LTE6

19.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	26.20	2.01	42.00	3.21	59.60	4.58	63.80	4.92	68.00	5.28	72.40	5.66	77.00	6.13
	12	26.20	2.01	42.00	3.22	59.60	4.62	63.80	4.96	68.00	5.32	72.40	5.71	77.00	6.21
	14	26.20	2.02	42.00	3.24	59.60	4.68	63.80	5.03	68.00	5.41	72.40	5.81	77.00	6.34
	16	26.20	2.02	42.00	3.28	59.60	4.78	63.80	5.16	68.00	5.56	72.40	6.01	77.00	6.62
	18	26.20	2.04	42.00	3.36	59.60	5.00	63.80	5.44	68.00	5.91	72.40	6.44	77.00	7.22
	20	26.20	2.11	42.00	3.55	59.60	5.59	63.80	6.16	68.00	6.80	72.40	7.52	77.00	8.78
	21	29.70	2.61	45.30	4.45	62.70	7.53	66.90	7.96	71.00	8.44	75.20	8.93	79.50	9.70
	23	36.60	5.77	52.10	7.25	69.30	9.35	73.20	9.90	77.20	10.50	80.80	11.05	84.70	11.95
	25	43.80	7.22	58.90	9.06	76.10	11.79	79.70	12.46	83.60	13.19	86.50	13.79	89.90	14.84
	27	51.00	9.19	66.00	11.51	82.90	15.01	86.40	15.83	90.00	16.65	92.40	17.20	100.5	19.64
	29	58.50	11.86	73.10	14.61	90.00	18.57	93.30	19.42	96.80	20.35	102.6	21.99	118.9	27.76
	31	66.20	14.97	80.50	18.14	97.20	22.89	100.3	23.84	108.9	26.68	121.4	31.13	137.3	38.64
	33	74.10	18.83	88.10	22.55	104.5	28.21	115.1	32.23	128.1	37.74	140.1	43.38	155.6	52.64
	35	82.30	23.72	95.90	28.04	122.7	39.55	134.2	45.46	147.2	52.55	158.8	58.16	174.0	66.27
	37	82.30	25.32	95.90	29.93	122.7	42.23	134.2	48.60	147.2	55.97	158.8	61.78	162.5	64.91
	39	82.30	27.03	95.90	31.94	122.7	45.13	134.2	52.05	147.2	59.72	152.4	62.51	150.7	62.95
	41	82.30	28.85	95.90	34.08	122.7	48.28	134.2	55.87	141.0	59.97	141.0	59.99	139.3	60.55
	43	82.30	30.79	95.90	36.38	122.7	51.73	130.0	56.91	129.9	56.85	129.8	56.84	128.4	57.71
	46	82.30	33.94	95.90	40.12	114.3	51.54	114.3	51.53	114.2	51.52	114.2	51.47	112.9	52.20
	48	82.30	36.23	95.90	42.87	104.4	48.25	104.5	48.32	104.3	48.24	104.2	48.23	103.0	48.81
	50	82.30	38.67	95.20	45.35	94.90	45.28	95.00	45.34	94.90	45.28	94.80	45.25	93.60	45.75
	52	81.60	40.88	82.80	38.25	84.10	36.24	84.40	35.85	84.70	35.41	85.00	35.04	84.80	35.20
120	10	24.20	1.86	38.80	2.96	55.00	4.22	58.80	4.53	62.70	4.84	66.80	5.17	71.00	5.59
	12	24.20	1.86	38.80	2.97	55.00	4.25	58.80	4.56	62.70	4.87	66.80	5.22	71.00	5.65
	14	24.20	1.86	38.80	2.98	55.00	4.29	58.80	4.61	62.70	4.95	66.80	5.30	71.00	5.76
	16	24.20	1.87	38.80	3.01	55.00	4.37	58.80	4.72	62.70	5.06	66.80	5.45	71.00	5.97
	18	24.20	1.89	38.80	3.07	55.00	4.55	58.80	4.93	62.70	5.33	66.80	5.78	71.00	6.45
	20	24.20	1.93	38.80	3.22	55.00	5.00	58.80	5.50	62.70	6.02	66.80	6.62	71.00	7.73
	21	27.30	2.35	41.80	3.96	57.90	6.60	61.80	7.38	65.60	7.82	69.30	8.24	73.40	8.91
	23	33.80	5.50	48.00	6.82	64.00	8.65	67.60	9.11	71.30	9.63	74.60	10.10	78.10	10.88
	25	40.40	6.81	54.40	8.44	70.20	10.79	73.60	11.37	77.20	11.99	79.90	12.49	83.00	13.41
	27	47.10	8.58	60.90	10.60	76.50	13.61	79.80	14.30	83.10	15.06	85.30	15.57	92.80	17.72
	29	54.10	10.97	67.50	13.43	83.00	16.87	86.00	17.60	89.30	18.40	94.80	19.82	109.8	24.77
	31	61.10	13.81	74.30	16.56	89.70	20.66	92.60	21.49	100.5	23.93	112.0	27.74	126.7	34.15
	33	68.40	17.23	81.40	20.46	96.60	25.35	106.3	28.82	118.3	33.51	129.3	38.29	143.6	46.60
	35	75.90	21.56	88.50	25.30	113.3	35.19	123.9	40.18	135.9	46.33	146.5	52.22	160.6	60.12
	37	75.90	23.02	88.50	27.01	113.3	37.56	123.9	42.91	135.9	49.56	146.5	55.59	160.6	63.91
	39	75.90	24.57	88.50	28.83	113.3	40.10	123.9	45.86	135.9	53.09	146.5	59.32	150.7	62.97
	41	75.90	26.22	88.50	30.77	113.3	42.83	123.9	49.07	135.9	56.94	141.1	60.00	139.4	60.61
	43	75.90	27.99	88.50	32.83	113.3	45.79	123.9	52.59	130.0	56.91	129.9	56.85	128.4	57.64
	46	75.90	30.88	88.50	36.20	113.3	50.73	114.4	51.55	114.2	51.49	114.2	51.49	112.9	52.22
	48	75.90	32.95	88.50	38.64	104.4	48.28	104.4	48.27	104.4	48.27	104.3	48.22	103.0	48.85
	50	75.90	35.16	88.50	41.26	94.90	45.26	95.00	45.32	95.00	45.32	95.00	45.30	93.80	45.84
	52	75.90	37.54	82.30	39.10	83.60	37.07	83.90	36.67	84.10	36.24	84.30	35.95	84.50	36.25
110	10	22.20	1.69	35.60	2.71	50.40	3.86	53.90	4.13	57.50	4.42	61.20	4.72	65.10	5.08
	12	22.20	1.69	35.60	2.71	50.40	3.88	53.90	4.17	57.50	4.45	61.20	4.75	65.10	5.13
	14	22.20	1.70	35.60	2.73	50.40	3.92	53.90	4.20	57.50	4.51	61.20	4.81	65.10	5.21
	16	22.20	1.71	35.60	2.75	50.40	3.98	53.90	4.28	57.50	4.60	61.20	4.93	65.10	5.37
	18	22.20	1.72	35.60	2.80	50.40	4.11	53.90	4.45	57.50	4.80	61.20	5.17	65.10	5.73

19. ARUM440LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	22.20	1.75	35.60	2.91	50.40	4.46	53.90	4.88	57.50	5.33	61.20	5.82	65.10	6.70
	21	25.10	2.12	38.30	3.51	53.10	5.70	56.60	6.34	60.10	7.04	63.60	7.61	67.30	8.18
	23	31.00	5.25	44.00	6.41	58.70	8.00	62.00	8.39	65.30	8.82	68.40	9.21	71.70	9.90
	25	37.00	6.41	49.90	7.85	64.30	9.86	67.50	10.35	70.70	10.87	73.20	11.30	76.10	12.08
	27	43.20	7.98	55.80	9.75	70.20	12.31	73.10	12.90	76.20	13.53	78.30	13.97	85.10	15.90
	29	49.50	10.11	61.80	12.27	76.10	15.28	78.90	15.90	81.80	16.58	86.90	17.79	100.6	22.01
	31	56.10	12.70	68.20	15.07	82.20	18.60	84.90	19.30	92.20	21.38	102.7	24.62	116.2	30.04
	33	62.70	15.72	74.60	18.49	88.50	22.69	97.40	25.63	108.4	29.62	118.6	33.63	131.6	40.55
	35	69.60	19.53	81.20	22.74	103.8	31.17	113.6	35.37	124.5	40.48	134.4	45.48	147.2	53.84
	37	69.60	20.84	81.20	24.27	103.8	33.27	113.6	37.75	124.5	43.24	134.4	48.63	147.2	57.37
	39	69.60	22.25	81.20	25.91	103.8	35.50	113.6	40.30	124.5	46.21	134.4	52.08	147.2	61.10
	41	69.60	23.76	81.20	27.66	103.8	37.89	113.6	43.05	124.5	49.45	134.4	55.89	139.5	60.60
	43	69.60	25.36	81.20	29.53	103.8	40.46	113.6	46.03	124.5	53.01	130.0	56.92	128.5	57.74
	46	69.60	27.98	81.20	32.55	103.8	44.69	113.6	51.01	114.4	51.57	114.3	51.50	112.8	52.18
	48	69.60	29.87	81.20	34.74	103.8	47.81	104.4	48.23	104.4	48.29	104.4	48.26	103.1	48.85
	50	69.60	31.88	81.20	37.06	95.10	45.34	95.00	45.29	95.00	45.34	94.90	45.27	93.80	45.82
	52	69.60	34.03	81.20	39.55	83.00	38.06	83.20	37.68	83.50	37.25	83.40	36.80	84.10	36.80
100	10	20.20	1.54	32.30	2.46	45.80	3.50	49.00	3.76	52.30	4.01	55.70	4.28	59.20	4.60
	12	20.20	1.54	32.30	2.46	45.80	3.51	49.00	3.78	52.30	4.03	55.70	4.30	59.20	4.64
	14	20.20	1.54	32.30	2.47	45.80	3.55	49.00	3.80	52.30	4.07	55.70	4.34	59.20	4.69
	16	20.20	1.55	32.30	2.49	45.80	3.59	49.00	3.86	52.30	4.14	55.70	4.43	59.20	4.81
	18	20.20	1.56	32.30	2.53	45.80	3.69	49.00	3.99	52.30	4.29	55.70	4.62	59.20	5.07
	20	20.20	1.59	32.30	2.62	45.80	3.95	49.00	4.31	52.30	4.68	55.70	5.09	59.20	5.79
	21	22.80	1.89	34.90	3.09	48.30	4.90	51.50	5.42	54.60	5.98	57.80	6.58	61.20	7.52
	23	28.20	4.98	40.00	6.00	53.30	7.39	56.30	7.73	59.40	8.08	62.10	8.42	65.10	8.98
	25	33.70	6.02	45.30	7.28	58.50	9.00	61.40	9.41	64.30	9.85	66.60	10.20	69.10	10.87
	27	39.20	7.41	50.80	8.95	63.80	11.11	66.50	11.61	69.30	12.15	71.10	12.50	77.30	14.11
	29	45.10	9.29	56.30	11.15	69.10	13.78	71.70	14.31	74.40	14.90	79.00	15.91	91.50	19.46
	31	51.00	11.64	62.00	13.66	74.80	16.67	77.10	17.25	83.80	19.02	93.30	21.74	105.6	26.28
	33	57.00	14.29	67.80	16.65	80.50	20.20	88.50	22.69	98.60	26.04	107.8	29.39	119.7	35.12
	35	63.30	17.61	73.70	20.34	94.40	27.46	103.2	30.97	113.3	35.20	122.1	39.29	133.8	46.61
	37	63.30	18.79	73.70	21.71	94.40	29.30	103.2	33.05	113.3	37.57	122.1	41.95	133.8	49.87
	39	63.30	20.06	73.70	23.17	94.40	31.28	103.2	35.27	113.3	40.11	122.1	44.82	133.8	53.43
	41	63.30	21.42	73.70	24.74	94.40	33.37	103.2	37.65	113.3	42.84	122.1	47.95	133.8	57.18
	43	63.30	22.88	73.70	26.43	94.40	35.62	103.2	40.20	113.3	45.81	122.1	51.36	128.6	57.73
	46	63.30	25.25	73.70	29.14	94.40	39.28	103.2	44.39	113.3	50.75	114.3	51.53	112.9	52.18
	48	63.30	26.97	73.70	31.11	94.40	41.96	103.2	47.49	104.4	48.27	104.4	48.28	103.0	48.82
	50	63.30	28.79	73.70	33.19	94.40	44.84	95.10	45.34	95.00	45.30	95.10	45.37	93.60	45.78
	52	63.30	30.74	73.70	35.42	82.20	39.15	82.70	38.54	83.10	37.88	83.50	37.27	83.70	37.28
90	10	18.20	1.39	29.10	2.21	41.20	3.14	44.20	3.38	47.10	3.60	50.10	3.83	53.30	4.13
	12	18.20	1.39	29.10	2.22	41.20	3.16	44.20	3.38	47.10	3.61	50.10	3.86	53.30	4.15
	14	18.20	1.39	29.10	2.22	41.20	3.18	44.20	3.41	47.10	3.65	50.10	3.89	53.30	4.19
	16	18.20	1.39	29.10	2.24	41.20	3.21	44.20	3.45	47.10	3.69	50.10	3.96	53.30	4.28
	18	18.20	1.40	29.10	2.26	41.20	3.29	44.20	3.54	47.10	3.80	50.10	4.09	53.30	4.47
	20	18.20	1.42	29.10	2.32	41.20	3.46	44.20	3.77	47.10	4.08	50.10	4.43	53.30	4.99
	21	20.50	1.67	31.40	2.69	43.50	4.18	46.30	4.59	49.10	5.04	52.00	5.51	55.00	6.61
	23	25.30	4.73	36.10	5.62	48.00	6.81	50.70	7.10	53.50	7.41	55.90	7.68	58.60	8.16
	25	30.30	5.65	40.70	6.73	52.60	8.20	55.20	8.55	57.90	8.91	59.90	9.21	62.30	9.76
	27	35.40	6.87	45.60	8.18	57.40	10.01	59.80	10.43	62.30	10.86	64.00	11.16	69.60	12.50
	29	40.50	8.50	50.60	10.09	62.30	12.36	64.50	12.84	66.90	13.32	71.00	14.17	82.30	17.12
	31	45.80	10.62	55.70	12.36	67.30	14.87	69.40	15.36	75.40	16.82	84.00	19.08	95.00	22.84

19. ARUM440LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	51.30	12.96	61.00	14.92	72.40	17.90	79.70	19.98	88.70	22.74	97.00	25.50	107.8	30.20
	35	57.00	15.82	66.40	18.10	84.90	24.03	93.00	26.93	101.9	30.41	109.9	33.73	120.4	39.64
	37	57.00	16.86	66.40	19.31	84.90	25.65	93.00	28.75	101.9	32.45	109.9	36.01	120.4	42.33
	39	57.00	17.99	66.40	20.62	84.90	27.38	93.00	30.68	101.9	34.64	109.9	38.44	120.4	45.23
	41	57.00	19.22	66.40	22.02	84.90	29.22	93.00	32.74	101.9	36.97	109.9	41.04	120.4	48.39
	43	57.00	20.53	66.40	23.52	84.90	31.19	93.00	34.94	101.9	39.47	109.9	43.86	120.4	51.85
	46	57.00	22.68	66.40	25.96	84.90	34.38	93.00	38.53	101.9	43.58	109.9	48.52	113.0	52.23
	48	57.00	24.24	66.40	27.72	84.90	36.70	93.00	41.15	101.9	46.60	104.4	48.25	103.2	48.92
	50	57.00	25.89	66.40	29.59	84.90	39.17	93.00	43.97	95.00	45.33	95.00	45.30	93.80	45.87
	52	57.00	27.65	66.40	31.59	81.90	39.79	82.30	39.15	82.80	38.48	83.10	37.86	83.40	37.87
80	10	16.10	1.23	25.90	1.96	36.70	2.79	39.20	2.99	41.80	3.19	44.50	3.41	47.30	3.66
	12	16.10	1.23	25.90	1.97	36.70	2.79	39.20	3.00	41.80	3.21	44.50	3.41	47.30	3.68
	14	16.10	1.24	25.90	1.97	36.70	2.81	39.20	3.01	41.80	3.23	44.50	3.44	47.30	3.70
	16	16.10	1.24	25.90	1.97	36.70	2.84	39.20	3.05	41.80	3.26	44.50	3.48	47.30	3.76
	18	16.10	1.24	25.90	1.99	36.70	2.88	39.20	3.10	41.80	3.34	44.50	3.58	47.30	3.89
	20	16.10	1.25	25.90	2.04	36.70	3.01	39.20	3.27	41.80	3.53	44.50	3.81	47.30	4.25
	21	18.30	1.46	27.90	2.33	38.70	3.54	41.10	3.87	43.70	4.22	46.20	4.58	48.90	5.40
	23	22.50	4.49	32.10	5.25	42.70	6.27	45.10	6.51	47.50	6.76	49.70	6.99	52.10	7.40
	25	26.90	5.28	36.30	6.21	46.80	7.46	49.10	7.75	51.40	8.05	53.20	8.29	55.40	8.75
	27	31.40	6.34	40.50	7.46	51.00	8.99	53.20	9.33	55.40	9.69	56.90	9.93	61.80	11.02
	29	36.00	7.75	45.00	9.09	55.40	10.97	57.40	11.37	59.60	11.79	63.10	12.54	73.20	14.98
	31	40.70	9.59	49.50	11.11	59.80	13.21	61.60	13.61	67.10	14.81	74.70	16.65	84.50	19.70
	33	45.60	11.67	54.20	13.32	64.40	15.77	70.80	17.47	78.80	19.73	86.20	21.96	95.70	25.76
	35	50.60	14.15	59.00	16.02	75.50	20.89	82.70	23.25	90.60	26.06	97.70	28.74	107.0	33.46
	37	50.60	15.06	59.00	17.08	75.50	22.29	82.70	24.82	90.60	27.81	97.70	30.66	107.0	35.69
	39	50.60	16.07	59.00	18.24	75.50	23.80	82.70	26.49	90.60	29.68	97.70	32.73	107.0	38.11
	41	50.60	17.16	59.00	19.48	75.50	25.41	82.70	28.27	90.60	31.68	97.70	34.93	107.0	40.69
	43	50.60	18.33	59.00	20.81	75.50	27.13	82.70	30.18	90.60	33.81	97.70	37.28	107.0	43.47
	46	50.60	20.26	59.00	22.98	75.50	29.92	82.70	33.26	90.60	37.28	97.70	41.13	107.0	48.12
	48	50.60	21.65	59.00	24.56	75.50	31.93	82.70	35.50	90.60	39.80	97.70	43.96	103.3	48.94
	50	50.60	23.15	59.00	26.24	75.50	34.07	82.70	37.89	90.60	42.51	95.00	45.32	93.80	45.83
	52	50.60	24.75	59.00	28.02	75.50	36.36	81.90	39.96	82.30	39.26	82.60	38.62	83.00	38.64
70	10	14.10	1.08	22.60	1.72	32.10	2.44	34.30	2.61	36.60	2.79	39.00	2.97	41.40	3.19
	12	14.10	1.08	22.60	1.72	32.10	2.44	34.30	2.62	36.60	2.79	39.00	2.98	41.40	3.20
	14	14.10	1.08	22.60	1.72	32.10	2.46	34.30	2.63	36.60	2.81	39.00	2.99	41.40	3.23
	16	14.10	1.08	22.60	1.72	32.10	2.47	34.30	2.64	36.60	2.83	39.00	3.03	41.40	3.26
	18	14.10	1.09	22.60	1.74	32.10	2.51	34.30	2.69	36.60	2.88	39.00	3.08	41.40	3.35
	20	14.10	1.09	22.60	1.77	32.10	2.59	34.30	2.79	36.60	3.01	39.00	3.24	41.40	3.58
	21	16.00	1.27	24.40	2.00	33.80	2.96	36.00	3.22	38.30	3.49	40.50	3.77	42.80	4.35
	23	19.80	3.97	28.00	4.90	37.40	5.75	39.40	5.95	41.60	6.16	43.50	6.35	45.60	6.69
	25	23.50	4.93	31.70	5.70	40.90	6.74	42.90	6.99	45.00	7.23	46.60	7.43	48.40	7.82
	27	27.50	5.83	35.50	6.77	44.70	8.03	46.50	8.32	48.40	8.61	49.80	8.80	54.10	9.69
	29	31.50	7.02	39.40	8.13	48.40	9.69	50.20	10.01	52.10	10.36	55.20	10.95	64.00	13.02
	31	35.70	8.59	43.30	9.91	52.30	11.67	53.90	12.00	58.70	12.96	65.40	14.43	73.90	16.87
	33	39.90	10.39	47.50	11.82	56.30	13.81	62.00	15.17	69.00	16.97	75.40	18.74	83.80	21.76
	35	44.30	12.56	51.70	14.10	66.00	18.00	72.30	19.88	79.20	22.12	85.50	24.23	93.70	27.94
	37	44.30	13.36	51.70	15.01	66.00	19.21	72.30	21.22	79.20	23.61	85.50	25.86	93.70	29.82
	39	44.30	14.24	51.70	16.02	66.00	20.51	72.30	22.66	79.20	25.20	85.50	27.60	93.70	31.82
	41	44.30	15.21	51.70	17.11	66.00	21.91	72.30	24.19	79.20	26.91	85.50	29.46	93.70	33.96
	43	44.30	16.26	51.70	18.28	66.00	23.39	72.30	25.83	79.20	28.72	85.50	31.44	93.70	36.25
	46	44.30	17.97	51.70	20.21	66.00	25.82	72.30	28.50	79.20	31.66	85.50	34.66	93.70	39.99

19. ARUM440LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	44.30	19.23	51.70	21.60	66.00	27.57	72.30	30.41	79.20	33.79	85.50	37.00	93.70	42.73
	50	44.30	20.57	51.70	23.10	66.00	29.44	72.30	32.46	79.20	36.06	85.50	39.50	93.60	45.65
	52	44.30	22.02	51.70	24.69	66.00	31.42	72.30	34.64	79.20	38.49	82.10	39.66	82.30	39.67
60	10	12.10	0.93	19.40	1.47	27.50	2.09	29.40	2.24	31.40	2.39	33.40	2.54	35.50	2.73
	12	12.10	0.93	19.40	1.47	27.50	2.09	29.40	2.24	31.40	2.39	33.40	2.54	35.50	2.74
	14	12.10	0.92	19.40	1.47	27.50	2.09	29.40	2.24	31.40	2.39	33.40	2.56	35.50	2.74
	16	12.10	0.92	19.40	1.47	27.50	2.11	29.40	2.26	31.40	2.41	33.40	2.57	35.50	2.77
	18	12.10	0.92	19.40	1.49	27.50	2.12	29.40	2.29	31.40	2.44	33.40	2.61	35.50	2.83
	20	12.10	0.93	19.40	1.50	27.50	2.18	29.40	2.35	31.40	2.52	33.40	2.71	35.50	2.97
	21	13.70	1.07	20.90	1.67	29.00	2.44	30.80	2.64	32.80	2.85	34.70	3.07	36.70	3.46
	23	16.90	2.80	24.00	4.19	32.00	5.25	33.80	5.42	35.60	5.58	37.20	5.74	39.10	6.02
	25	20.60	4.64	27.20	5.23	35.10	6.08	36.80	6.27	38.50	6.47	40.00	6.63	41.50	6.94
	27	23.60	5.35	30.40	6.10	38.30	7.14	39.90	7.36	41.60	7.60	42.70	7.75	46.40	8.47
	29	27.00	6.34	33.70	7.24	41.50	8.50	43.10	8.75	44.60	9.02	47.30	9.51	54.80	11.13
	31	30.60	7.63	37.20	8.70	44.90	10.19	46.20	10.47	50.20	11.26	56.10	12.41	63.40	14.31
	33	34.20	9.17	40.70	10.33	48.20	12.00	53.10	13.08	59.20	14.47	64.70	15.85	71.80	18.18
	35	38.00	10.97	44.20	12.28	56.60	15.38	62.00	16.83	68.00	18.56	73.30	20.18	80.30	23.04
	37	38.00	11.65	44.20	13.07	56.60	16.39	62.00	17.96	68.00	19.81	73.30	21.54	80.30	24.59
	39	38.00	12.39	44.20	13.92	56.60	17.49	62.00	19.17	68.00	21.15	73.30	23.00	80.30	26.25
	41	38.00	13.21	44.20	14.87	56.60	18.69	62.00	20.48	68.00	22.59	73.30	24.56	80.30	28.02
	43	38.00	14.11	44.20	15.90	56.60	19.96	62.00	21.88	68.00	24.12	73.30	26.22	80.30	29.91
	46	38.00	15.65	44.20	17.60	56.60	22.06	62.00	24.16	68.00	26.62	73.30	28.92	80.30	32.96
	48	38.00	16.81	44.20	18.84	56.60	23.57	62.00	25.81	68.00	28.41	73.30	30.86	80.30	35.18
	50	38.00	18.04	44.20	20.17	56.60	25.19	62.00	27.56	68.00	30.34	73.30	32.94	80.30	37.56
	52	38.00	19.36	44.20	21.58	56.60	26.92	62.00	29.42	68.00	32.37	73.30	35.15	80.30	40.10
50	10	10.10	0.84	16.20	1.23	22.90	1.74	24.50	1.86	26.20	1.99	27.90	2.11	29.60	2.27
	12	10.10	0.84	16.20	1.23	22.90	1.74	24.50	1.86	26.20	1.99	27.90	2.12	29.60	2.27
	14	10.10	0.84	16.20	1.23	22.90	1.74	24.50	1.87	26.20	1.99	27.90	2.12	29.60	2.28
	16	10.10	0.84	16.20	1.22	22.90	1.75	24.50	1.87	26.20	2.00	27.90	2.14	29.60	2.29
	18	10.10	0.84	16.20	1.24	22.90	1.76	24.50	1.89	26.20	2.02	27.90	2.16	29.60	2.33
	20	10.10	0.85	16.20	1.24	22.90	1.79	24.50	1.92	26.20	2.06	27.90	2.21	29.60	2.40
	21	11.40	0.88	17.40	1.37	24.20	1.97	25.70	2.12	27.30	2.27	28.90	2.43	30.60	2.71
	23	14.10	1.92	20.00	2.85	26.60	4.78	28.20	4.91	29.70	5.05	31.00	5.17	32.60	5.38
	25	19.50	4.63	22.70	4.78	29.30	5.45	30.60	5.60	32.10	5.75	33.30	5.88	34.60	6.12
	27	19.80	4.91	25.30	5.48	31.90	6.29	33.20	6.47	34.60	6.65	35.60	6.77	38.70	7.33
	29	22.50	5.67	28.10	6.39	34.60	7.37	35.90	7.58	37.20	7.78	39.40	8.15	45.70	9.41
	31	25.50	6.71	31.00	7.56	37.40	8.74	38.50	8.97	41.80	9.62	46.70	10.56	52.80	12.03
	33	28.50	8.00	33.90	8.92	40.20	10.24	44.20	11.11	49.30	12.22	53.90	13.25	59.80	14.99
	35	31.70	9.45	36.90	10.48	47.10	12.99	51.70	14.10	56.60	15.38	61.10	16.58	66.90	18.69
	37	31.70	9.99	36.90	11.11	47.10	13.84	51.70	15.01	56.60	16.40	61.10	17.69	66.90	19.95
	39	31.70	10.59	36.90	11.81	47.10	14.76	51.70	16.02	56.60	17.51	61.10	18.88	66.90	21.30
	41	31.70	11.25	36.90	12.59	47.10	15.75	51.70	17.11	56.60	18.69	61.10	20.16	66.90	22.74
	43	31.70	11.98	36.90	13.44	47.10	16.83	51.70	18.28	56.60	19.97	61.10	21.54	66.90	24.28
	46	31.70	13.22	36.90	14.88	47.10	18.61	51.70	20.21	56.60	22.06	61.10	23.79	66.90	26.80
	48	31.70	14.16	36.90	15.97	47.10	19.91	51.70	21.60	56.60	23.58	61.10	25.41	66.90	28.61
	50	31.70	15.18	36.90	17.16	47.10	21.31	51.70	23.10	56.60	25.20	61.10	27.14	66.90	30.54
	52	31.70	16.30	36.90	18.48	47.10	22.79	51.70	24.70	56.60	26.92	61.10	28.99	66.90	32.60

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

19. ARUM440LTE6

19.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	79.70	38.48	79.10	38.81	78.40	39.14	78.20	39.29	77.90	39.46	77.30	39.78
	-24.8	-25	92.80	40.43	92.10	40.80	91.40	41.16	91.10	41.34	90.80	41.53	90.10	41.88
	-21.8	-22	100.9	41.55	100.2	41.95	99.60	42.33	99.20	42.52	98.90	42.71	98.10	43.08
	-19.8	-20	106.7	42.31	106.0	42.71	105.2	43.11	104.8	43.31	104.5	43.51	103.8	43.90
	-18.8	-19	109.7	42.68	108.8	43.10	108.1	43.51	107.7	43.71	107.3	43.91	106.6	44.30
	-16.7	-17	115.7	43.45	115.0	43.87	114.2	44.30	113.7	44.51	113.4	44.71	112.6	45.12
	-15	-15.9	119.5	43.89	118.6	44.33	117.8	44.76	117.4	44.97	116.9	45.18	116.2	45.59
	-13.7	-15	122.7	44.28	121.9	44.73	121.1	45.17	120.7	45.39	120.3	45.61	119.6	46.03
	-11.8	-13	129.0	45.02	128.1	45.48	127.3	45.93	126.8	46.15	126.4	46.37	125.5	46.81
	-9.8	-11	136.0	45.81	135.0	46.28	134.1	46.74	133.7	46.97	133.2	47.19	132.3	47.63
	-9.5	-10	139.3	46.17	138.4	46.65	137.5	47.12	137.0	47.35	136.5	47.59	135.5	48.03
	-8.5	-9.1	142.7	46.54	141.6	47.02	140.7	47.49	140.2	47.73	139.8	47.96	138.8	48.42
	-7	-7.6	148.3	47.14	147.3	47.64	146.3	48.13	145.8	48.36	145.2	48.60	144.3	49.06
	-5	-5.6	156.2	47.96	155.1	48.47	154.0	48.97	153.5	49.21	152.9	49.46	151.8	49.94
	-3	-3.7	163.9	48.75	162.8	49.28	161.7	49.79	161.1	50.04	160.6	50.30	156.3	49.30
	0	-0.7	176.7	50.04	175.5	50.57	174.3	51.11	171.4	50.41	168.6	49.68	157.7	46.05
	3	2.2	189.6	51.28	186.9	51.29	180.2	49.56	174.5	47.80	168.9	46.05	157.7	42.62
	5	4.1	197.4	51.75	191.4	50.46	180.2	47.07	174.5	45.42	168.9	43.77	157.7	40.53
	7	6	202.1	50.91	191.4	47.89	180.2	44.70	174.5	43.13	168.9	41.56	157.7	38.50
	9	7.9	202.7	48.40	191.4	45.33	180.2	42.32	174.5	40.84	168.9	39.38	157.7	36.49
	11	9.8	202.7	45.75	191.4	42.87	180.2	40.04	174.5	38.65	168.9	37.29	157.7	34.58
	13	11.8	202.7	43.07	191.4	40.38	180.2	37.76	174.5	36.45	168.9	35.18	157.7	32.65
	15	13.7	202.7	40.64	191.4	38.14	180.2	35.67	174.5	34.46	168.9	33.26	157.7	30.89
120	-30	-30.2	79.30	38.65	78.70	38.98	78.20	39.30	77.90	39.46	77.60	39.62	77.10	39.94
	-24.8	-25	92.30	40.66	91.70	41.02	91.00	41.39	90.70	41.57	90.40	41.74	89.70	42.09
	-21.8	-22	100.5	41.83	99.80	42.21	99.00	42.59	98.70	42.78	98.30	42.96	97.70	43.33
	-19.8	-20	106.1	42.61	105.4	43.01	104.7	43.40	104.3	43.60	103.9	43.78	103.2	44.17
	-18.8	-19	109.1	43.00	108.3	43.40	107.5	43.81	107.1	44.01	106.8	44.20	106.0	44.59
	-16.7	-17	115.1	43.79	114.4	44.21	113.5	44.63	113.1	44.83	112.8	45.03	112.0	45.43
	-15	-15.9	118.7	44.25	118.0	44.68	117.1	45.11	116.7	45.31	116.3	45.52	115.6	45.93
	-13.7	-15	122.0	44.67	121.2	45.11	120.5	45.54	120.1	45.76	119.6	45.96	118.9	46.38
	-11.8	-13	128.3	45.43	127.4	45.89	126.5	46.33	126.1	46.54	125.7	46.76	124.8	47.18
	-9.8	-11	135.2	46.26	134.1	46.72	133.2	47.17	132.8	47.39	132.3	47.61	131.5	48.05
	-9.5	-10	138.4	46.64	137.5	47.11	136.5	47.57	136.0	47.80	135.6	48.02	134.7	48.46
	-8.5	-9.1	141.7	47.03	140.7	47.50	139.7	47.96	139.2	48.19	138.8	48.42	137.9	48.87
	-7	-7.6	147.2	47.66	146.3	48.14	145.2	48.62	144.7	48.85	144.3	49.09	142.0	48.96
	-5	-5.6	154.9	48.52	153.8	49.03	152.8	49.52	152.3	49.75	151.4	49.80	145.5	47.99
	-3	-3.7	162.6	49.37	161.5	49.88	160.4	50.38	158.0	49.79	155.4	49.06	145.5	45.62
	0	-0.7	175.1	50.73	172.6	50.68	166.3	48.94	161.1	47.20	155.9	45.49	145.5	42.11
	3	2.2	184.7	50.75	176.7	48.48	166.3	45.26	161.1	43.67	155.9	42.10	145.5	39.01
	5	4.1	187.0	49.15	176.7	46.05	166.3	43.02	161.1	41.52	155.9	40.04	145.5	37.13
	7	6	187.0	46.66	176.7	43.73	166.3	40.85	161.1	39.44	155.9	38.04	145.5	35.28
	9	7.9	187.0	44.17	176.7	41.41	166.3	38.71	161.1	37.38	155.9	36.06	145.5	33.46
	11	9.8	187.0	41.77	176.7	39.19	166.3	36.65	161.1	35.40	155.9	34.17	145.5	31.73
	13	11.8	187.0	39.37	176.7	36.96	166.3	34.59	161.1	33.42	155.9	32.27	145.5	29.98

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	187.0	37.18	176.7	34.93	166.3	32.71	161.1	31.62	155.9	30.53	145.5	28.40
110	-30	-30.2	78.90	38.86	78.40	39.19	77.80	39.50	77.60	39.67	77.30	39.82	76.70	40.13
	-24.8	-25	91.90	40.94	91.20	41.29	90.60	41.65	90.20	41.82	89.90	42.00	89.30	42.33
	-21.8	-22	99.90	42.14	99.20	42.52	98.50	42.90	98.10	43.08	97.80	43.26	97.20	43.63
	-19.8	-20	105.5	42.95	104.8	43.35	104.1	43.73	103.7	43.92	103.4	44.12	102.6	44.48
	-18.8	-19	108.4	43.36	107.6	43.76	106.9	44.15	106.5	44.35	106.2	44.54	105.5	44.92
	-16.7	-17	114.4	44.19	113.6	44.60	112.8	45.01	112.4	45.21	112.0	45.41	111.3	45.79
	-15	-15.9	117.9	44.67	117.2	45.09	116.3	45.51	115.9	45.71	115.6	45.91	114.8	46.31
	-13.7	-15	121.2	45.11	120.4	45.54	119.7	45.97	119.2	46.18	118.8	46.38	118.1	46.79
	-11.8	-13	127.3	45.91	126.4	46.36	125.6	46.78	125.1	47.00	124.8	47.20	123.9	47.62
	-9.8	-11	134.1	46.77	133.1	47.23	132.2	47.68	131.8	47.88	131.3	48.10	129.7	48.15
	-9.5	-10	137.3	47.18	136.4	47.64	135.4	48.09	135.0	48.31	134.5	48.53	131.4	47.84
	-8.5	-9.1	140.5	47.59	139.5	48.05	138.6	48.50	138.1	48.73	137.7	48.94	133.1	47.55
	-7	-7.6	146.0	48.27	145.0	48.73	144.0	49.20	143.2	49.28	140.8	48.55	133.4	45.87
	-5	-5.6	153.5	49.18	152.5	49.67	149.6	49.26	147.1	48.57	143.0	47.03	133.4	43.54
	-3	-3.7	161.1	50.08	158.5	49.90	152.4	48.07	147.7	46.38	143.0	44.70	133.4	41.41
	0	-0.7	170.0	50.00	161.9	47.50	152.4	44.36	147.7	42.82	143.0	41.28	133.4	38.27
	3	2.2	171.5	46.86	161.9	43.93	152.4	41.07	147.7	39.65	143.0	38.25	133.4	35.50
	5	4.1	171.5	44.52	161.9	41.77	152.4	39.06	147.7	37.73	143.0	36.41	133.4	33.81
	7	6	171.5	42.29	161.9	39.68	152.4	37.11	147.7	35.84	143.0	34.59	133.4	32.13
	9	7.9	171.5	40.06	161.9	37.60	152.4	35.19	147.7	34.00	143.0	32.83	133.4	30.50
	11	9.8	171.5	37.92	161.9	35.62	152.4	33.35	147.7	32.23	143.0	31.13	133.4	28.95
	13	11.8	171.5	35.76	161.9	33.61	152.4	31.50	147.7	30.45	143.0	29.42	133.4	27.38
	15	13.7	171.5	33.81	161.9	31.80	152.4	29.82	147.7	28.83	143.0	27.86	133.4	25.95
100	-30	-30.2	78.50	39.11	78.00	39.42	77.40	39.75	77.10	39.90	76.90	40.05	76.30	40.36
	-24.8	-25	91.30	41.26	90.60	41.61	90.00	41.96	89.70	42.12	89.40	42.30	88.80	42.63
	-21.8	-22	99.20	42.51	98.50	42.89	97.90	43.25	97.50	43.43	97.20	43.61	96.60	43.97
	-19.8	-20	104.8	43.36	104.0	43.75	103.3	44.12	103.0	44.31	102.6	44.50	101.9	44.86
	-18.8	-19	107.6	43.79	106.9	44.18	106.1	44.56	105.8	44.76	105.4	44.94	104.7	45.31
	-16.7	-17	113.5	44.66	112.7	45.06	112.0	45.46	111.6	45.66	111.2	45.84	110.5	46.22
	-15	-15.9	117.0	45.17	116.2	45.58	115.4	45.98	115.0	46.18	114.6	46.38	113.9	46.76
	-13.7	-15	120.2	45.63	119.5	46.06	118.8	46.47	118.4	46.67	118.0	46.88	117.3	47.27
	-11.8	-13	126.2	46.47	125.4	46.90	124.5	47.32	124.1	47.53	123.7	47.73	120.2	46.70
	-9.8	-11	132.8	47.39	132.0	47.83	131.1	48.26	130.2	48.28	128.1	47.57	121.2	44.94
	-9.5	-10	136.0	47.82	135.0	48.26	134.1	48.68	131.9	47.97	129.8	47.28	121.2	43.89
	-8.5	-9.1	139.1	48.25	138.2	48.70	135.8	48.37	133.5	47.68	130.0	46.30	121.2	42.89
	-7	-7.6	144.5	48.97	143.0	49.19	138.6	47.88	134.2	46.20	130.0	44.55	121.2	41.28
	-5	-5.6	151.5	49.75	146.9	48.50	138.6	45.43	134.2	43.86	130.0	42.29	121.2	39.21
	-3	-3.7	155.4	49.06	147.2	46.23	138.6	43.20	134.2	41.70	130.0	40.22	121.2	37.32
	0	-0.7	155.9	45.49	147.2	42.67	138.6	39.91	134.2	38.54	130.0	37.20	121.2	34.53
	3	2.2	155.9	42.10	147.2	39.52	138.6	36.99	134.2	35.75	130.0	34.50	121.2	32.06
	5	4.1	155.9	40.04	147.2	37.61	138.6	35.22	134.2	34.04	130.0	32.87	121.2	30.56
	7	6	155.9	38.04	147.2	35.73	138.6	33.47	134.2	32.35	130.0	31.25	121.2	29.06
	9	7.9	155.9	36.06	147.2	33.90	138.6	31.77	134.2	30.72	130.0	29.67	121.2	27.61
	11	9.8	155.9	34.17	147.2	32.14	138.6	30.14	134.2	29.15	130.0	28.17	121.2	26.23
	13	11.8	155.9	32.27	147.2	30.36	138.6	28.49	134.2	27.56	130.0	26.64	121.2	24.84
	15	13.7	155.9	30.54	147.2	28.74	138.6	26.99	134.2	26.12	130.0	25.26	121.2	23.56

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	78.00	39.41	77.40	39.72	76.90	40.03	76.70	40.18	76.30	40.33	75.90	40.63
	-24.8	-25	90.60	41.64	90.00	41.99	89.30	42.33	89.10	42.50	88.70	42.66	88.10	42.99
	-21.8	-22	98.40	42.96	97.70	43.32	97.10	43.68	96.70	43.86	96.40	44.02	95.80	44.37
	-19.8	-20	103.8	43.85	103.1	44.22	102.4	44.59	102.1	44.77	101.8	44.95	101.1	45.30
	-18.8	-19	106.7	44.30	105.9	44.69	105.2	45.05	104.8	45.24	104.5	45.42	103.8	45.78
	-16.7	-17	112.5	45.22	111.7	45.61	110.9	46.00	110.5	46.19	110.1	46.37	107.6	45.64
	-15	-15.9	115.9	45.76	115.1	46.16	114.4	46.55	114.0	46.74	113.3	46.78	109.1	45.22
	-13.7	-15	119.1	46.26	118.4	46.67	117.6	47.07	117.1	47.19	115.1	46.48	109.1	43.95
	-11.8	-13	124.9	47.14	124.1	47.55	122.0	47.29	120.0	46.63	116.9	45.38	109.1	42.06
	-9.8	-11	131.4	48.12	129.4	47.98	124.7	46.37	120.8	44.76	116.9	43.17	109.1	40.04
	-9.5	-10	134.4	48.57	131.0	47.69	124.7	45.28	120.8	43.72	116.9	42.16	109.1	39.12
	-8.5	-9.1	136.7	48.61	132.5	47.33	124.7	44.25	120.8	42.72	116.9	41.22	109.1	38.24
	-7	-7.6	139.5	48.14	132.5	45.54	124.7	42.58	120.8	41.12	116.9	39.68	109.1	36.82
	-5	-5.6	140.3	46.07	132.5	43.23	124.7	40.43	120.8	39.06	116.9	37.70	109.1	35.00
	-3	-3.7	140.3	43.80	132.5	41.12	124.7	38.47	120.8	37.17	116.9	35.88	109.1	33.33
	0	-0.7	140.3	40.46	132.5	38.00	124.7	35.59	120.8	34.40	116.9	33.22	109.1	30.89
	3	2.2	140.3	37.50	132.5	35.25	124.7	33.04	120.8	31.95	116.9	30.87	109.1	28.73
	5	4.1	140.3	35.69	132.5	33.57	124.7	31.48	120.8	30.45	116.9	29.43	109.1	27.40
	7	6	140.3	33.92	132.5	31.91	124.7	29.93	120.8	28.96	116.9	27.99	109.1	26.07
	9	7.9	140.3	32.19	132.5	30.30	124.7	28.44	120.8	27.52	116.9	26.60	109.1	24.80
	11	9.8	140.3	30.54	132.5	28.76	124.7	27.00	120.8	26.14	116.9	25.28	109.1	23.57
	13	11.8	140.3	28.86	132.5	27.20	124.7	25.55	120.8	24.75	116.9	23.93	109.1	22.35
	15	13.7	140.3	27.34	132.5	25.78	124.7	24.23	120.8	23.47	116.9	22.72	109.1	21.23
80	-30	-30.2	77.40	39.77	76.80	40.07	76.30	40.38	76.10	40.52	75.80	40.67	75.30	40.96
	-24.8	-25	89.80	42.11	89.10	42.45	88.50	42.78	88.20	42.94	87.90	43.10	87.40	43.43
	-21.8	-22	97.30	43.51	96.70	43.86	96.00	44.20	95.80	44.37	95.40	44.54	94.30	44.51
	-19.8	-20	102.7	44.44	102.0	44.81	101.4	45.17	101.0	45.34	100.5	45.42	97.00	44.02
	-18.8	-19	105.5	44.93	104.8	45.29	104.1	45.66	103.7	45.83	101.9	45.16	97.00	42.97
	-16.7	-17	111.1	45.90	110.4	46.28	108.5	45.95	106.7	45.31	103.9	44.11	97.00	40.93
	-15	-15.9	114.5	46.48	113.8	46.86	110.2	45.65	107.4	44.43	103.9	42.87	97.00	39.77
	-13.7	-15	117.7	47.02	115.5	46.62	110.9	44.73	107.4	43.17	103.9	41.63	97.00	38.61
	-11.8	-13	122.0	47.27	117.8	45.76	110.9	42.80	107.4	41.33	103.9	39.87	97.00	36.98
	-9.8	-11	124.7	46.37	117.8	43.52	110.9	40.74	107.4	39.35	103.9	37.98	97.00	35.29
	-9.5	-10	124.7	45.28	117.8	42.51	110.9	39.79	107.4	38.45	103.9	37.12	97.00	34.49
	-8.5	-9.1	124.7	44.25	117.8	41.55	110.9	38.90	107.4	37.59	103.9	36.28	97.00	33.72
	-7	-7.6	124.7	42.58	117.8	39.99	110.9	37.45	107.4	36.20	103.9	34.95	97.00	32.49
	-5	-5.6	124.7	40.43	117.8	38.00	110.9	35.60	107.4	34.41	103.9	33.23	97.00	30.91
	-3	-3.7	124.7	38.47	117.8	36.17	110.9	33.89	107.4	32.78	103.9	31.67	97.00	29.47
	0	-0.7	124.7	35.59	117.8	33.48	110.9	31.40	107.4	30.38	103.9	29.36	97.00	27.35
	3	2.2	124.7	33.04	117.8	31.10	110.9	29.20	107.4	28.26	103.9	27.31	97.00	25.47
	5	4.1	124.7	31.48	117.8	29.65	110.9	27.85	107.4	26.95	103.9	26.06	97.00	24.31
	7	6	124.7	29.93	117.8	28.20	110.9	26.49	107.4	25.65	103.9	24.81	97.00	23.15
	9	7.9	124.7	28.44	117.8	26.80	110.9	25.20	107.4	24.40	103.9	23.61	97.00	22.05
	11	9.8	124.7	27.00	117.8	25.46	110.9	23.95	107.4	23.20	103.9	22.45	97.00	20.98
	13	11.8	124.7	25.55	117.8	24.12	110.9	22.70	107.4	21.99	103.9	21.30	97.00	19.92
	15	13.7	124.7	24.23	117.8	22.88	110.9	21.55	107.4	20.89	103.9	20.24	97.00	18.93
70	-30	-30.2	76.60	40.23	76.10	40.52	75.50	40.81	75.30	40.96	75.00	41.11	74.60	41.39

19. ARUM440LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	88.60	42.70	88.10	43.03	87.50	43.34	87.20	43.50	87.00	43.65	84.30	42.57
	-21.8	-22	96.10	44.18	95.40	44.52	94.30	44.49	92.70	43.86	90.90	43.08	84.90	40.01
	-19.8	-20	101.4	45.18	100.2	45.22	97.00	44.02	94.00	42.53	90.90	41.06	84.90	38.14
	-18.8	-19	104.0	45.70	101.6	44.97	97.00	42.97	94.00	41.52	90.90	40.09	84.90	37.24
	-16.7	-17	107.6	45.62	103.1	43.70	97.00	40.93	94.00	39.56	90.90	38.19	84.90	35.50
	-15	-15.9	109.1	45.22	103.1	42.48	97.00	39.77	94.00	38.42	90.90	37.08	84.90	34.44
	-13.7	-15	109.1	43.95	103.1	41.26	97.00	38.61	94.00	37.30	90.90	36.00	84.90	33.44
	-11.8	-13	109.1	42.06	103.1	39.50	97.00	36.98	94.00	35.72	90.90	34.49	84.90	32.05
	-9.8	-11	109.1	40.04	103.1	37.64	97.00	35.29	94.00	34.12	90.90	32.96	84.90	30.64
	-9.5	-10	109.1	39.12	103.1	36.79	97.00	34.49	94.00	33.35	90.90	32.22	84.90	30.00
	-8.5	-9.1	109.1	38.24	103.1	35.97	97.00	33.72	94.00	32.61	90.90	31.51	84.90	29.34
	-7	-7.6	109.1	36.82	103.1	34.64	97.00	32.49	94.00	31.43	90.90	30.38	84.90	28.29
	-5	-5.6	109.1	35.00	103.1	32.94	97.00	30.92	94.00	29.91	90.90	28.92	84.90	26.94
	-3	-3.7	109.1	33.33	103.1	31.39	97.00	29.47	94.00	28.52	90.90	27.58	84.90	25.71
	0	-0.7	109.1	30.89	103.1	29.11	97.00	27.35	94.00	26.48	90.90	25.62	84.90	23.90
	3	2.2	109.1	28.73	103.1	27.09	97.00	25.47	94.00	24.67	90.90	23.88	84.90	22.30
	5	4.1	109.1	27.40	103.1	25.84	97.00	24.31	94.00	23.54	90.90	22.79	84.90	21.30
	7	6	109.1	26.07	103.1	24.61	97.00	23.15	94.00	22.44	90.90	21.72	84.90	20.31
	9	7.9	109.1	24.80	103.1	23.41	97.00	22.05	94.00	21.37	90.90	20.70	84.90	19.37
	11	9.8	109.1	23.57	103.1	22.27	97.00	20.98	94.00	20.35	90.90	19.71	84.90	18.46
	13	11.8	109.1	22.35	103.1	21.12	97.00	19.92	94.00	19.32	90.90	18.72	84.90	17.54
	15	13.7	109.1	21.23	103.1	20.08	97.00	18.93	94.00	18.37	90.90	17.82	84.90	16.70
60	-30	-30.2	75.50	40.82	75.10	41.11	74.60	41.39	74.30	41.53	74.00	41.67	72.00	40.75
	-24.8	-25	87.30	43.46	86.10	43.31	83.20	42.05	80.50	40.66	77.90	39.27	72.80	36.52
	-21.8	-22	92.50	43.76	88.40	41.76	83.20	39.15	80.50	37.85	77.90	36.57	72.80	34.02
	-19.8	-20	93.50	42.32	88.40	39.81	83.20	37.32	80.50	36.10	77.90	34.88	72.80	32.46
	-18.8	-19	93.50	41.32	88.40	38.86	83.20	36.45	80.50	35.25	77.90	34.06	72.80	31.71
	-16.7	-17	93.50	39.36	88.40	37.04	83.20	34.74	80.50	33.60	77.90	32.48	72.80	30.25
	-15	-15.9	93.50	38.23	88.40	35.95	83.20	33.70	80.50	32.59	77.90	31.49	72.80	29.30
	-13.7	-15	93.50	37.12	88.40	34.91	83.20	32.73	80.50	31.65	77.90	30.58	72.80	28.47
	-11.8	-13	93.50	35.55	88.40	33.43	83.20	31.35	80.50	30.32	77.90	29.31	72.80	27.29
	-9.8	-11	93.50	33.95	88.40	31.96	83.20	29.98	80.50	28.99	77.90	28.02	72.80	26.10
	-9.5	-10	93.50	33.18	88.40	31.26	83.20	29.37	80.50	28.42	77.90	27.49	72.80	25.64
	-8.5	-9.1	93.50	32.45	88.40	30.57	83.20	28.73	80.50	27.81	77.90	26.90	72.80	25.09
	-7	-7.6	93.50	31.28	88.40	29.48	83.20	27.70	80.50	26.82	77.90	25.95	72.80	24.21
	-5	-5.6	93.50	29.76	88.40	28.07	83.20	26.39	80.50	25.56	77.90	24.73	72.80	23.10
	-3	-3.7	93.50	28.39	88.40	26.77	83.20	25.18	80.50	24.40	77.90	23.61	72.80	22.06
	0	-0.7	93.50	26.35	88.40	24.88	83.20	23.42	80.50	22.69	77.90	21.98	72.80	20.55
	3	2.2	93.50	24.56	88.40	23.20	83.20	21.85	80.50	21.19	77.90	20.53	72.80	19.22
	5	4.1	93.50	23.44	88.40	22.15	83.20	20.88	80.50	20.24	77.90	19.61	72.80	18.37
	7	6	93.50	22.33	88.40	21.12	83.20	19.91	80.50	19.32	77.90	18.72	72.80	17.54
	9	7.9	93.50	21.28	88.40	20.13	83.20	18.99	80.50	18.42	77.90	17.86	72.80	16.75
	11	9.8	93.50	20.26	88.40	19.18	83.20	18.10	80.50	17.57	77.90	17.05	72.80	16.00
	13	11.8	93.50	19.23	88.40	18.21	83.20	17.21	80.50	16.71	77.90	16.21	72.80	15.23
	15	13.7	93.50	18.30	88.40	17.33	83.20	16.39	80.50	15.93	77.90	15.46	72.80	14.53
50	-30	-30.2	74.10	41.62	72.50	40.95	69.30	39.25	67.10	37.97	64.90	36.69	60.70	34.17
	-24.8	-25	77.90	39.27	73.70	36.98	69.30	34.72	67.10	33.59	64.90	32.48	60.70	30.27

19. ARUM440LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	77.90	36.57	73.70	34.45	69.30	32.35	67.10	31.32	64.90	30.29	60.70	28.25
	-19.8	-20	77.90	34.88	73.70	32.86	69.30	30.87	67.10	29.89	64.90	28.92	60.70	26.97
	-18.8	-19	77.90	34.07	73.70	32.10	69.30	30.16	67.10	29.20	64.90	28.25	60.70	26.36
	-16.7	-17	77.90	32.48	73.70	30.62	69.30	28.78	67.10	27.87	64.90	26.96	60.70	25.17
	-15	-15.9	77.90	31.49	73.70	29.66	69.30	27.88	67.10	26.98	64.90	26.10	60.70	24.36
	-13.7	-15	77.90	30.58	73.70	28.81	69.30	27.08	67.10	26.22	64.90	25.36	60.70	23.67
	-11.8	-13	77.90	29.31	73.70	27.62	69.30	25.96	67.10	25.14	64.90	24.32	60.70	22.71
	-9.8	-11	77.90	28.02	73.70	26.42	69.30	24.84	67.10	24.06	64.90	23.27	60.70	21.74
	-9.5	-10	77.90	27.49	73.70	25.95	69.30	24.42	67.10	23.67	64.90	22.92	60.70	21.43
	-8.5	-9.1	77.90	26.90	73.70	25.40	69.30	23.91	67.10	23.17	64.90	22.44	60.70	20.98
	-7	-7.6	77.90	25.95	73.70	24.50	69.30	23.07	67.10	22.37	64.90	21.67	60.70	20.28
	-5	-5.6	77.90	24.73	73.70	23.37	69.30	22.01	67.10	21.34	64.90	20.68	60.70	19.36
	-3	-3.7	77.90	23.61	73.70	22.33	69.30	21.05	67.10	20.41	64.90	19.78	60.70	18.53
	0	-0.7	77.90	21.98	73.70	20.79	69.30	19.61	67.10	19.03	64.90	18.45	60.70	17.30
	3	2.2	77.90	20.53	73.70	19.43	69.30	18.35	67.10	17.82	64.90	17.28	60.70	16.22
	5	4.1	77.90	19.61	73.70	18.58	69.30	17.55	67.10	17.04	64.90	16.53	60.70	15.53
	7	6	77.90	18.72	73.70	17.74	69.30	16.77	67.10	16.28	64.90	15.81	60.70	14.86
	9	7.9	77.90	17.86	73.70	16.94	69.30	16.02	67.10	15.56	64.90	15.11	60.70	14.22
	11	9.8	77.90	17.05	73.70	16.17	69.30	15.30	67.10	14.88	64.90	14.45	60.70	13.60
	13	11.8	77.90	16.21	73.70	15.39	69.30	14.58	67.10	14.17	64.90	13.77	60.70	12.97
	15	13.7	77.90	15.46	73.70	14.68	69.30	13.91	67.10	13.54	64.90	13.16	60.70	12.40

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

19. ARUM440LTE6

19.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	79.70	38.48	79.10	38.81	78.40	39.14	78.20	39.29	77.90	39.46	77.30	39.78
	-24.8	-25	92.80	40.43	92.10	40.80	91.40	41.16	91.10	41.34	90.80	41.53	90.10	41.88
	-21.8	-22	100.9	41.55	100.2	41.95	99.60	42.33	99.20	42.52	98.90	42.71	98.10	43.08
	-19.8	-20	106.7	42.31	106.0	42.71	105.2	43.11	104.8	43.31	104.5	43.51	103.8	43.90
	-18.8	-19	109.7	42.68	108.8	43.10	108.1	43.51	107.7	43.71	107.3	43.91	106.6	44.30
	-16.7	-17	115.7	43.45	115.0	43.87	114.2	44.30	113.7	44.51	113.4	44.71	112.6	45.12
	-15	-15.9	119.5	43.89	118.6	44.33	117.8	44.76	117.4	44.97	116.9	45.18	116.2	45.59
	-13.7	-15	122.7	44.28	121.9	44.73	121.1	45.17	120.7	45.39	120.3	45.61	119.6	46.03
	-11.8	-13	129.0	45.02	128.1	45.48	127.3	45.93	126.8	46.15	126.4	46.37	125.5	46.81
	-9.8	-11	136.0	45.81	135.0	46.28	134.1	46.74	133.7	46.97	133.2	47.19	132.3	47.63
	-9.5	-10	139.3	46.17	138.4	46.65	137.5	47.12	137.0	47.35	136.5	47.59	135.5	48.03
	-8.5	-9.1	142.7	46.54	141.6	47.02	140.7	47.49	140.2	47.73	139.8	47.96	138.8	48.42
	-7	-7.6	148.3	47.14	147.3	47.64	146.3	48.13	145.8	48.36	145.2	48.60	144.3	49.06
	-5	-5.6	156.2	47.96	155.1	48.47	154.0	48.97	153.5	49.21	152.9	49.46	151.8	49.94
	-3	-3.7	163.9	48.75	162.8	49.28	161.7	49.79	161.1	50.04	160.6	50.30	156.3	49.30
	0	-0.7	176.7	50.04	175.5	50.57	174.3	51.11	171.4	50.41	168.6	49.68	157.7	46.05
	3	2.2	189.6	51.28	186.9	51.29	180.2	49.56	174.5	47.80	168.9	46.05	157.7	42.62
	5	4.1	191.8	49.50	180.4	46.16	169.1	42.88	163.4	41.27	157.7	39.67	146.3	36.53
	7	6	180.7	42.84	169.2	39.77	157.7	36.78	152.0	35.30	146.1	33.84	134.6	30.96
	9	7.9	169.2	36.66	157.6	33.90	145.9	31.18	140.1	29.85	134.2	28.53	122.5	25.92
	11	9.8	157.3	31.06	145.6	28.59	133.8	26.15	127.9	24.96	121.9	23.76	110.0	21.41
	13	11.8	145.0	25.95	133.1	23.75	121.2	21.59	115.3	20.52	109.3	19.46	97.10	17.37
	15	13.7	132.2	21.46	120.3	19.52	108.2	17.60	102.1	16.65	96.10	15.72	83.80	13.86
120	-30	-30.2	79.30	38.65	78.70	38.98	78.20	39.30	77.90	39.46	77.60	39.62	77.10	39.94
	-24.8	-25	92.30	40.66	91.70	41.02	91.00	41.39	90.70	41.57	90.40	41.74	89.70	42.09
	-21.8	-22	100.5	41.83	99.80	42.21	99.00	42.59	98.70	42.78	98.30	42.96	97.70	43.33
	-19.8	-20	106.1	42.61	105.4	43.01	104.7	43.40	104.3	43.60	103.9	43.78	103.2	44.17
	-18.8	-19	109.1	43.00	108.3	43.40	107.5	43.81	107.1	44.01	106.8	44.20	106.0	44.59
	-16.7	-17	115.1	43.79	114.4	44.21	113.5	44.63	113.1	44.83	112.8	45.03	112.0	45.43
	-15	-15.9	118.7	44.25	118.0	44.68	117.1	45.11	116.7	45.31	116.3	45.52	115.6	45.93
	-13.7	-15	122.0	44.67	121.2	45.11	120.5	45.54	120.1	45.76	119.6	45.96	118.9	46.38
	-11.8	-13	128.3	45.43	127.4	45.89	126.5	46.33	126.1	46.54	125.7	46.76	124.8	47.18
	-9.8	-11	135.2	46.26	134.1	46.72	133.2	47.17	132.8	47.39	132.3	47.61	131.5	48.05
	-9.5	-10	138.4	46.64	137.5	47.11	136.5	47.57	136.0	47.80	135.6	48.02	134.7	48.46
	-8.5	-9.1	141.7	47.03	140.7	47.50	139.7	47.96	139.2	48.19	138.8	48.42	137.9	48.87
	-7	-7.6	147.2	47.66	146.3	48.14	145.2	48.62	144.7	48.85	144.3	49.09	142.0	48.96
	-5	-5.6	154.9	48.52	153.8	49.03	152.8	49.52	152.3	49.75	151.4	49.80	145.5	47.99
	-3	-3.7	162.6	49.37	161.5	49.88	160.4	50.38	158.0	49.79	155.4	49.06	145.5	45.62
	0	-0.7	175.1	50.73	172.6	50.68	166.3	48.94	161.1	47.20	155.9	45.49	145.5	42.11
	3	2.2	184.7	50.75	176.7	48.48	166.3	45.26	161.1	43.67	155.9	42.10	145.5	39.01
	5	4.1	177.1	45.17	166.6	42.17	156.1	39.22	150.9	37.77	145.6	36.33	135.1	33.50
	7	6	166.8	39.13	156.2	36.38	145.6	33.69	140.3	32.35	134.9	31.05	124.3	28.44
	9	7.9	156.2	33.55	145.4	31.07	134.7	28.63	129.4	27.43	123.9	26.23	113.1	23.87
	11	9.8	145.2	28.50	134.4	26.27	123.5	24.07	118.1	22.99	112.6	21.91	101.6	19.78
	13	11.8	133.8	23.87	122.9	21.88	111.9	19.92	106.4	18.96	100.8	18.00	89.60	16.10

19. ARUM440LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	122.1	19.80	111.0	18.04	99.90	16.30	94.30	15.45	88.70	14.60	77.30	12.91
110	-30	-30.2	78.90	38.86	78.40	39.19	77.80	39.50	77.60	39.67	77.30	39.82	76.70	40.13
	-24.8	-25	91.90	40.94	91.20	41.29	90.60	41.65	90.20	41.82	89.90	42.00	89.30	42.33
	-21.8	-22	99.90	42.14	99.20	42.52	98.50	42.90	98.10	43.08	97.80	43.26	97.20	43.63
	-19.8	-20	105.5	42.95	104.8	43.35	104.1	43.73	103.7	43.92	103.4	44.12	102.6	44.48
	-18.8	-19	108.4	43.36	107.6	43.76	106.9	44.15	106.5	44.35	106.2	44.54	105.5	44.92
	-16.7	-17	114.4	44.19	113.6	44.60	112.8	45.01	112.4	45.21	112.0	45.41	111.3	45.79
	-15	-15.9	117.9	44.67	117.2	45.09	116.3	45.51	115.9	45.71	115.6	45.91	114.8	46.31
	-13.7	-15	121.2	45.11	120.4	45.54	119.7	45.97	119.2	46.18	118.8	46.38	118.1	46.79
	-11.8	-13	127.3	45.91	126.4	46.36	125.6	46.78	125.1	47.00	124.8	47.20	123.9	47.62
	-9.8	-11	134.1	46.77	133.1	47.23	132.2	47.68	131.8	47.88	131.3	48.10	129.7	48.15
	-9.5	-10	137.3	47.18	136.4	47.64	135.4	48.09	135.0	48.31	134.5	48.53	131.4	47.84
	-8.5	-9.1	140.5	47.59	139.5	48.05	138.6	48.50	138.1	48.73	137.7	48.94	133.1	47.55
	-7	-7.6	146.0	48.27	145.0	48.73	144.0	49.20	143.2	49.28	140.8	48.55	133.4	45.87
	-5	-5.6	153.5	49.18	152.5	49.67	149.6	49.26	147.1	48.57	143.0	47.03	133.4	43.54
	-3	-3.7	161.1	50.08	158.5	49.90	152.4	48.07	147.7	46.38	143.0	44.70	133.4	41.41
	0	-0.7	170.0	50.00	161.9	47.50	152.4	44.36	147.7	42.82	143.0	41.28	133.4	38.27
	3	2.2	171.5	46.86	161.9	43.93	152.4	41.07	147.7	39.65	143.0	38.25	133.4	35.50
	5	4.1	162.3	40.96	152.7	38.29	143.1	35.66	138.3	34.37	133.5	33.08	123.8	30.54
	7	6	152.9	35.54	143.2	33.09	133.5	30.68	128.5	29.50	123.7	28.31	113.9	25.99
	9	7.9	143.2	30.53	133.3	28.31	123.5	26.14	118.6	25.06	113.6	23.99	103.6	21.87
	11	9.8	133.1	26.00	123.2	24.00	113.3	22.03	108.2	21.06	103.2	20.10	93.10	18.18
	13	11.8	122.6	21.84	112.6	20.06	102.6	18.31	97.50	17.43	92.40	16.58	82.20	14.86
	15	13.7	111.8	18.17	101.7	16.60	91.50	15.03	86.40	14.26	81.20	13.49	70.80	11.98
100	-30	-30.2	78.50	39.11	78.00	39.42	77.40	39.75	77.10	39.90	76.90	40.05	76.30	40.36
	-24.8	-25	91.30	41.26	90.60	41.61	90.00	41.96	89.70	42.12	89.40	42.30	88.80	42.63
	-21.8	-22	99.20	42.51	98.50	42.89	97.90	43.25	97.50	43.43	97.20	43.61	96.60	43.97
	-19.8	-20	104.8	43.36	104.0	43.75	103.3	44.12	103.0	44.31	102.6	44.50	101.9	44.86
	-18.8	-19	107.6	43.79	106.9	44.18	106.1	44.56	105.8	44.76	105.4	44.94	104.7	45.31
	-16.7	-17	113.5	44.66	112.7	45.06	112.0	45.46	111.6	45.66	111.2	45.84	110.5	46.22
	-15	-15.9	117.0	45.17	116.2	45.58	115.4	45.98	115.0	46.18	114.6	46.38	113.9	46.76
	-13.7	-15	120.2	45.63	119.5	46.06	118.8	46.47	118.4	46.67	118.0	46.88	117.3	47.27
	-11.8	-13	126.2	46.47	125.4	46.90	124.5	47.32	124.1	47.53	123.7	47.73	120.2	46.70
	-9.8	-11	132.8	47.39	132.0	47.83	131.1	48.26	130.2	48.28	128.1	47.57	121.2	44.94
	-9.5	-10	136.0	47.82	135.0	48.26	134.1	48.68	131.9	47.97	129.8	47.28	121.2	43.89
	-8.5	-9.1	139.1	48.25	138.2	48.70	135.8	48.37	133.5	47.68	130.0	46.30	121.2	42.89
	-7	-7.6	144.5	48.97	143.0	49.19	138.6	47.88	134.2	46.20	130.0	44.55	121.2	41.28
	-5	-5.6	151.5	49.75	146.9	48.50	138.6	45.43	134.2	43.86	130.0	42.29	121.2	39.21
	-3	-3.7	155.4	49.06	147.2	46.23	138.6	43.20	134.2	41.70	130.0	40.22	121.2	37.32
	0	-0.7	155.9	45.49	147.2	42.67	138.6	39.91	134.2	38.54	130.0	37.20	121.2	34.53
	3	2.2	155.9	42.10	147.2	39.52	138.6	36.99	134.2	35.75	130.0	34.50	121.2	32.06
	5	4.1	147.6	36.88	138.8	34.52	130.1	32.20	125.7	31.05	121.3	29.91	112.5	27.65
	7	6	139.0	32.04	130.2	29.88	121.3	27.75	116.9	26.70	112.4	25.65	103.6	23.58
	9	7.9	130.2	27.60	121.2	25.64	112.2	23.70	107.8	22.74	103.2	21.80	94.20	19.92
	11	9.8	121.0	23.56	112.0	21.80	102.9	20.04	98.40	19.18	93.80	18.32	84.70	16.62
	13	11.8	111.5	19.85	102.5	18.27	93.30	16.71	88.70	15.93	84.00	15.17	74.70	13.64
	15	13.7	101.7	16.58	92.50	15.17	83.20	13.79	78.60	13.10	73.90	12.41	64.40	11.06

19. ARUM440LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	78.00	39.41	77.40	39.72	76.90	40.03	76.70	40.18	76.30	40.33	75.90	40.63
	-24.8	-25	90.60	41.64	90.00	41.99	89.30	42.33	89.10	42.50	88.70	42.66	88.10	42.99
	-21.8	-22	98.40	42.96	97.70	43.32	97.10	43.68	96.70	43.86	96.40	44.02	95.80	44.37
	-19.8	-20	103.8	43.85	103.1	44.22	102.4	44.59	102.1	44.77	101.8	44.95	101.1	45.30
	-18.8	-19	106.7	44.30	105.9	44.69	105.2	45.05	104.8	45.24	104.5	45.42	103.8	45.78
	-16.7	-17	112.5	45.22	111.7	45.61	110.9	46.00	110.5	46.19	110.1	46.37	107.6	45.64
	-15	-15.9	115.9	45.76	115.1	46.16	114.4	46.55	114.0	46.74	113.3	46.78	109.1	45.22
	-13.7	-15	119.1	46.26	118.4	46.67	117.6	47.07	117.1	47.19	115.1	46.48	109.1	43.95
	-11.8	-13	124.9	47.14	124.1	47.55	122.0	47.29	120.0	46.63	116.9	45.38	109.1	42.06
	-9.8	-11	131.4	48.12	129.4	47.98	124.7	46.37	120.8	44.76	116.9	43.17	109.1	40.04
	-9.5	-10	134.4	48.57	131.0	47.69	124.7	45.28	120.8	43.72	116.9	42.16	109.1	39.12
	-8.5	-9.1	136.7	48.61	132.5	47.33	124.7	44.25	120.8	42.72	116.9	41.22	109.1	38.24
	-7	-7.6	139.5	48.14	132.5	45.54	124.7	42.58	120.8	41.12	116.9	39.68	109.1	36.82
	-5	-5.6	140.3	46.07	132.5	43.23	124.7	40.43	120.8	39.06	116.9	37.70	109.1	35.00
	-3	-3.7	140.3	43.80	132.5	41.12	124.7	38.47	120.8	37.17	116.9	35.88	109.1	33.33
	0	-0.7	140.3	40.46	132.5	38.00	124.7	35.59	120.8	34.40	116.9	33.22	109.1	30.89
	3	2.2	140.3	37.50	132.5	35.25	124.7	33.04	120.8	31.95	116.9	30.87	109.1	28.73
	5	4.1	132.8	32.92	125.0	30.85	117.1	28.82	113.1	27.81	109.2	26.81	101.2	24.82
	7	6	125.1	28.65	117.2	26.76	109.2	24.89	105.2	23.97	101.2	23.05	93.20	21.24
	9	7.9	117.1	24.74	109.1	23.03	101.0	21.32	97.00	20.49	93.00	19.65	84.90	17.99
	11	9.8	108.9	21.19	100.8	19.63	92.60	18.10	88.50	17.34	84.50	16.58	76.20	15.08
	13	11.8	100.3	17.92	92.20	16.53	84.00	15.15	79.80	14.47	75.70	13.79	67.30	12.44
	15	13.7	91.50	15.03	83.20	13.79	75.00	12.57	70.70	11.96	66.50	11.35	57.90	10.15
80	-30	-30.2	77.40	39.77	76.80	40.07	76.30	40.38	76.10	40.52	75.80	40.67	75.30	40.96
	-24.8	-25	89.80	42.11	89.10	42.45	88.50	42.78	88.20	42.94	87.90	43.10	87.40	43.43
	-21.8	-22	97.30	43.51	96.70	43.86	96.00	44.20	95.80	44.37	95.40	44.54	94.30	44.51
	-19.8	-20	102.7	44.44	102.0	44.81	101.4	45.17	101.0	45.34	100.5	45.42	97.00	44.02
	-18.8	-19	105.5	44.93	104.8	45.29	104.1	45.66	103.7	45.83	101.9	45.16	97.00	42.97
	-16.7	-17	111.1	45.90	110.4	46.28	108.5	45.95	106.7	45.31	103.9	44.11	97.00	40.93
	-15	-15.9	114.5	46.48	113.8	46.86	110.2	45.65	107.4	44.43	103.9	42.87	97.00	39.77
	-13.7	-15	117.7	47.02	115.5	46.62	110.9	44.73	107.4	43.17	103.9	41.63	97.00	38.61
	-11.8	-13	122.0	47.27	117.8	45.76	110.9	42.80	107.4	41.33	103.9	39.87	97.00	36.98
	-9.8	-11	124.7	46.37	117.8	43.52	110.9	40.74	107.4	39.35	103.9	37.98	97.00	35.29
	-9.5	-10	124.7	45.28	117.8	42.51	110.9	39.79	107.4	38.45	103.9	37.12	97.00	34.49
	-8.5	-9.1	124.7	44.25	117.8	41.55	110.9	38.90	107.4	37.59	103.9	36.28	97.00	33.72
	-7	-7.6	124.7	42.58	117.8	39.99	110.9	37.45	107.4	36.20	103.9	34.95	97.00	32.49
	-5	-5.6	124.7	40.43	117.8	38.00	110.9	35.60	107.4	34.41	103.9	33.23	97.00	30.91
	-3	-3.7	124.7	38.47	117.8	36.17	110.9	33.89	107.4	32.78	103.9	31.67	97.00	29.47
	0	-0.7	124.7	35.59	117.8	33.48	110.9	31.40	107.4	30.38	103.9	29.36	97.00	27.35
	3	2.2	124.7	33.04	117.8	31.10	110.9	29.20	107.4	28.26	103.9	27.31	97.00	25.47
	5	4.1	118.1	29.07	111.1	27.29	104.1	25.52	100.6	24.65	97.00	23.78	90.00	22.07
	7	6	111.2	25.36	104.1	23.73	97.00	22.11	93.50	21.31	90.00	20.52	82.80	18.95
	9	7.9	104.1	21.96	97.00	20.48	89.80	19.00	86.20	18.28	82.70	17.55	75.40	16.11
	11	9.8	96.80	18.87	89.60	17.53	82.30	16.20	78.70	15.53	75.00	14.88	67.70	13.57
	13	11.8	89.20	16.03	81.90	14.82	74.60	13.62	70.90	13.03	67.30	12.44	59.80	11.27
	15	13.7	81.40	13.51	74.00	12.43	66.60	11.37	62.90	10.84	59.10	10.30	51.50	9.25
70	-30	-30.2	76.60	40.23	76.10	40.52	75.50	40.81	75.30	40.96	75.00	41.11	74.60	41.39

19. ARUM440LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	88.60	42.70	88.10	43.03	87.50	43.34	87.20	43.50	87.00	43.65	84.30	42.57
	-21.8	-22	96.10	44.18	95.40	44.52	94.30	44.49	92.70	43.86	90.90	43.08	84.90	40.01
	-19.8	-20	101.4	45.18	100.2	45.22	97.00	44.02	94.00	42.53	90.90	41.06	84.90	38.14
	-18.8	-19	104.0	45.70	101.6	44.97	97.00	42.97	94.00	41.52	90.90	40.09	84.90	37.24
	-16.7	-17	107.6	45.62	103.1	43.70	97.00	40.93	94.00	39.56	90.90	38.19	84.90	35.50
	-15	-15.9	109.1	45.22	103.1	42.48	97.00	39.77	94.00	38.42	90.90	37.08	84.90	34.44
	-13.7	-15	109.1	43.95	103.1	41.26	97.00	38.61	94.00	37.30	90.90	36.00	84.90	33.44
	-11.8	-13	109.1	42.06	103.1	39.50	97.00	36.98	94.00	35.72	90.90	34.49	84.90	32.05
	-9.8	-11	109.1	40.04	103.1	37.64	97.00	35.29	94.00	34.12	90.90	32.96	84.90	30.64
	-9.5	-10	109.1	39.12	103.1	36.79	97.00	34.49	94.00	33.35	90.90	32.22	84.90	30.00
	-8.5	-9.1	109.1	38.24	103.1	35.97	97.00	33.72	94.00	32.61	90.90	31.51	84.90	29.34
	-7	-7.6	109.1	36.82	103.1	34.64	97.00	32.49	94.00	31.43	90.90	30.38	84.90	28.29
	-5	-5.6	109.1	35.00	103.1	32.94	97.00	30.92	94.00	29.91	90.90	28.92	84.90	26.94
	-3	-3.7	109.1	33.33	103.1	31.39	97.00	29.47	94.00	28.52	90.90	27.58	84.90	25.71
	0	-0.7	109.1	30.89	103.1	29.11	97.00	27.35	94.00	26.48	90.90	25.62	84.90	23.90
	3	2.2	109.1	28.73	103.1	27.09	97.00	25.47	94.00	24.67	90.90	23.88	84.90	22.30
	5	4.1	103.3	25.34	97.20	23.82	91.10	22.32	88.00	21.58	84.90	20.84	78.80	19.38
	7	6	97.30	22.16	91.10	20.78	84.90	19.41	81.80	18.72	78.70	18.05	72.40	16.70
	9	7.9	91.10	19.27	84.90	18.00	78.60	16.75	75.50	16.13	72.30	15.51	66.00	14.28
	11	9.8	84.70	16.62	78.40	15.48	72.10	14.34	68.90	13.78	65.70	13.21	59.20	12.09
	13	11.8	78.10	14.18	71.70	13.15	65.30	12.14	62.10	11.62	58.80	11.12	52.30	10.11
	15	13.7	71.20	12.03	64.70	11.10	58.30	10.19	55.00	9.73	51.70	9.29	45.10	8.38
60	-30	-30.2	75.50	40.82	75.10	41.11	74.60	41.39	74.30	41.53	74.00	41.67	72.00	40.75
	-24.8	-25	87.30	43.46	86.10	43.31	83.20	42.05	80.50	40.66	77.90	39.27	72.80	36.52
	-21.8	-22	92.50	43.76	88.40	41.76	83.20	39.15	80.50	37.85	77.90	36.57	72.80	34.02
	-19.8	-20	93.50	42.32	88.40	39.81	83.20	37.32	80.50	36.10	77.90	34.88	72.80	32.46
	-18.8	-19	93.50	41.32	88.40	38.86	83.20	36.45	80.50	35.25	77.90	34.06	72.80	31.71
	-16.7	-17	93.50	39.36	88.40	37.04	83.20	34.74	80.50	33.60	77.90	32.48	72.80	30.25
	-15	-15.9	93.50	38.23	88.40	35.95	83.20	33.70	80.50	32.59	77.90	31.49	72.80	29.30
	-13.7	-15	93.50	37.12	88.40	34.91	83.20	32.73	80.50	31.65	77.90	30.58	72.80	28.47
	-11.8	-13	93.50	35.55	88.40	33.43	83.20	31.35	80.50	30.32	77.90	29.31	72.80	27.29
	-9.8	-11	93.50	33.95	88.40	31.96	83.20	29.98	80.50	28.99	77.90	28.02	72.80	26.10
	-9.5	-10	93.50	33.18	88.40	31.26	83.20	29.37	80.50	28.42	77.90	27.49	72.80	25.64
	-8.5	-9.1	93.50	32.45	88.40	30.57	83.20	28.73	80.50	27.81	77.90	26.90	72.80	25.09
	-7	-7.6	93.50	31.28	88.40	29.48	83.20	27.70	80.50	26.82	77.90	25.95	72.80	24.21
	-5	-5.6	93.50	29.76	88.40	28.07	83.20	26.39	80.50	25.56	77.90	24.73	72.80	23.10
	-3	-3.7	93.50	28.39	88.40	26.77	83.20	25.18	80.50	24.40	77.90	23.61	72.80	22.06
	0	-0.7	93.50	26.35	88.40	24.88	83.20	23.42	80.50	22.69	77.90	21.98	72.80	20.55
	3	2.2	93.50	24.56	88.40	23.20	83.20	21.85	80.50	21.19	77.90	20.53	72.80	19.22
	5	4.1	88.50	21.71	83.30	20.46	78.10	19.21	75.40	18.59	72.80	17.98	67.50	16.76
	7	6	83.40	19.07	78.10	17.91	72.80	16.77	70.20	16.21	67.50	15.65	62.10	14.53
	9	7.9	78.10	16.64	72.80	15.59	67.30	14.55	64.70	14.03	62.00	13.51	56.50	12.49
	11	9.8	72.60	14.43	67.10	13.48	61.80	12.53	59.00	12.06	56.30	11.59	50.80	10.65
	13	11.8	66.90	12.39	61.40	11.53	55.90	10.67	53.20	10.25	50.40	9.83	44.80	8.97
	15	13.7	61.00	10.58	55.50	9.80	49.90	9.04	47.10	8.66	44.30	8.28	38.70	7.52
50	-30	-30.2	74.10	41.62	72.50	40.95	69.30	39.25	67.10	37.97	64.90	36.69	60.70	34.17
	-24.8	-25	77.90	39.27	73.70	36.98	69.30	34.72	67.10	33.59	64.90	32.48	60.70	30.27

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	77.90	36.57	73.70	34.45	69.30	32.35	67.10	31.32	64.90	30.29	60.70	28.25
	-19.8	-20	77.90	34.88	73.70	32.86	69.30	30.87	67.10	29.89	64.90	28.92	60.70	26.97
	-18.8	-19	77.90	34.07	73.70	32.10	69.30	30.16	67.10	29.20	64.90	28.25	60.70	26.36
	-16.7	-17	77.90	32.48	73.70	30.62	69.30	28.78	67.10	27.87	64.90	26.96	60.70	25.17
	-15	-15.9	77.90	31.49	73.70	29.66	69.30	27.88	67.10	26.98	64.90	26.10	60.70	24.36
	-13.7	-15	77.90	30.58	73.70	28.81	69.30	27.08	67.10	26.22	64.90	25.36	60.70	23.67
	-11.8	-13	77.90	29.31	73.70	27.62	69.30	25.96	67.10	25.14	64.90	24.32	60.70	22.71
	-9.8	-11	77.90	28.02	73.70	26.42	69.30	24.84	67.10	24.06	64.90	23.27	60.70	21.74
	-9.5	-10	77.90	27.49	73.70	25.95	69.30	24.42	67.10	23.67	64.90	22.92	60.70	21.43
	-8.5	-9.1	77.90	26.90	73.70	25.40	69.30	23.91	67.10	23.17	64.90	22.44	60.70	20.98
	-7	-7.6	77.90	25.95	73.70	24.50	69.30	23.07	67.10	22.37	64.90	21.67	60.70	20.28
	-5	-5.6	77.90	24.73	73.70	23.37	69.30	22.01	67.10	21.34	64.90	20.68	60.70	19.36
	-3	-3.7	77.90	23.61	73.70	22.33	69.30	21.05	67.10	20.41	64.90	19.78	60.70	18.53
	0	-0.7	77.90	21.98	73.70	20.79	69.30	19.61	67.10	19.03	64.90	18.45	60.70	17.30
	3	2.2	77.90	20.53	73.70	19.43	69.30	18.35	67.10	17.82	64.90	17.28	60.70	16.22
	5	4.1	73.70	18.22	69.50	17.20	65.10	16.20	62.90	15.70	60.70	15.20	56.30	14.22
	7	6	69.50	16.07	65.10	15.14	60.70	14.22	58.50	13.76	56.30	13.31	51.70	12.39
	9	7.9	65.10	14.10	60.70	13.25	56.10	12.41	53.90	11.99	51.70	11.57	47.10	10.74
	11	9.8	60.50	12.31	56.00	11.53	51.50	10.76	49.20	10.38	46.90	9.99	42.30	9.24
	13	11.8	55.70	10.64	51.20	9.95	46.60	9.25	44.30	8.90	42.00	8.56	37.40	7.87
	15	13.7	50.80	9.17	46.20	8.54	41.60	7.92	39.30	7.60	36.90	7.29	32.20	6.67

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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19.5 Capacity Correction Factor

19.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
-60	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-50	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-40	-	-	-	-	94.0	93.0	92.0	91.0	90.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-20	-	-	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
30	-	-	-	97.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
50	-	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
60	-	-	-	-	-	-	93.0	92.0	91.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	79.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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19.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

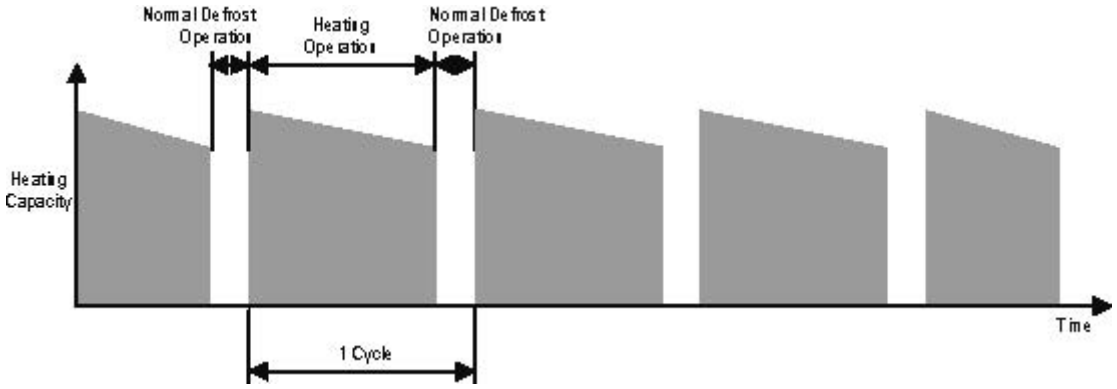
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

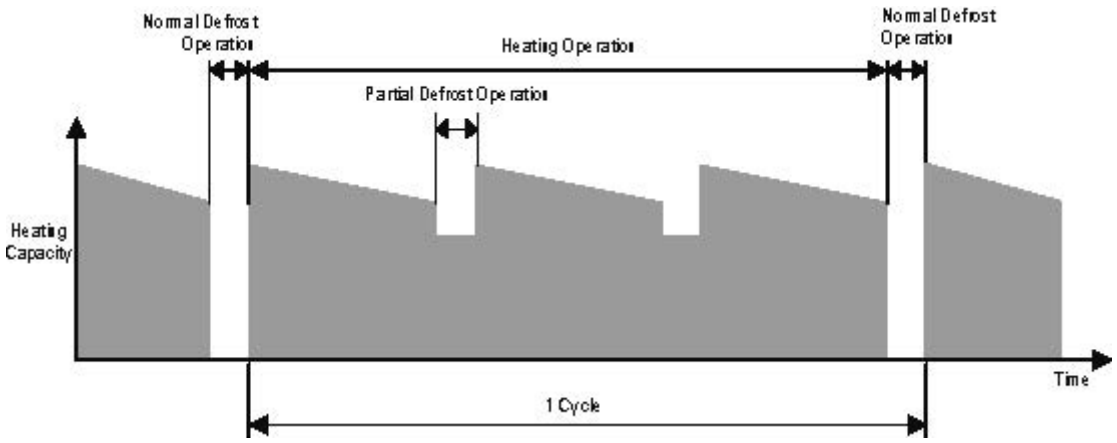
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

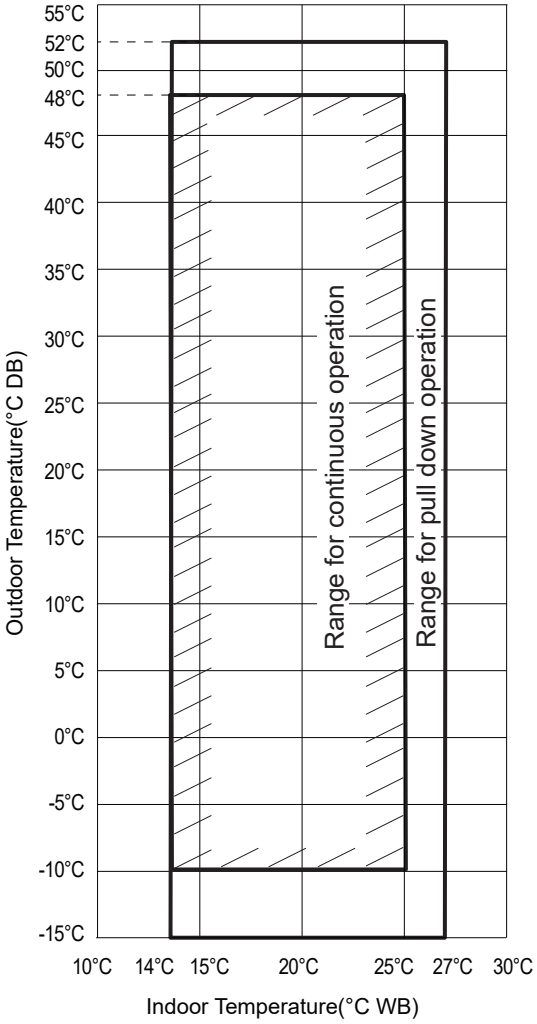


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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19.6 Operation Limits

19.6.1 Cooling

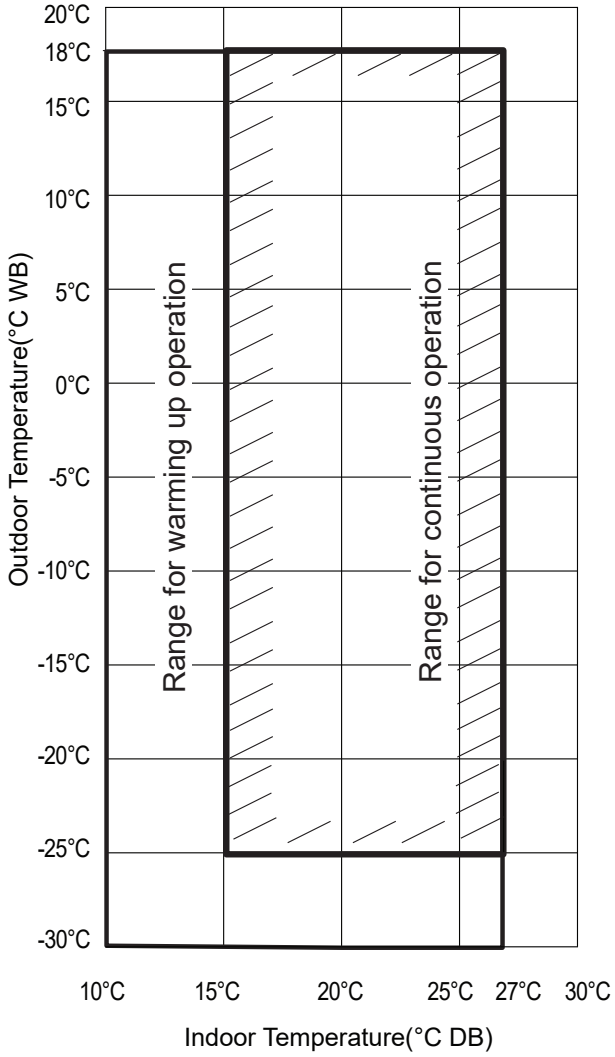


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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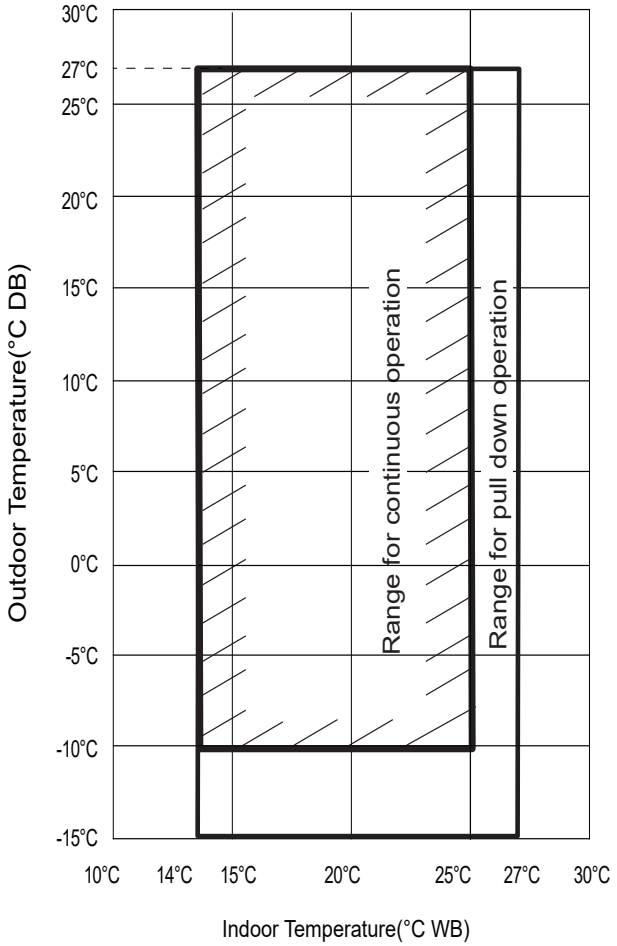
19.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

19.6.3 Simultaneous Operation (Cooling)

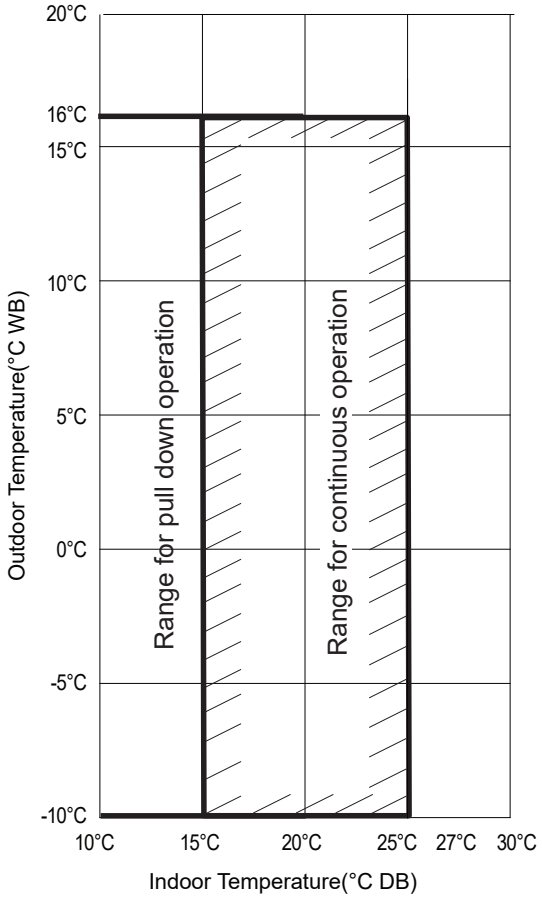


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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19.6.4 Simultaneous Operation (Heating)



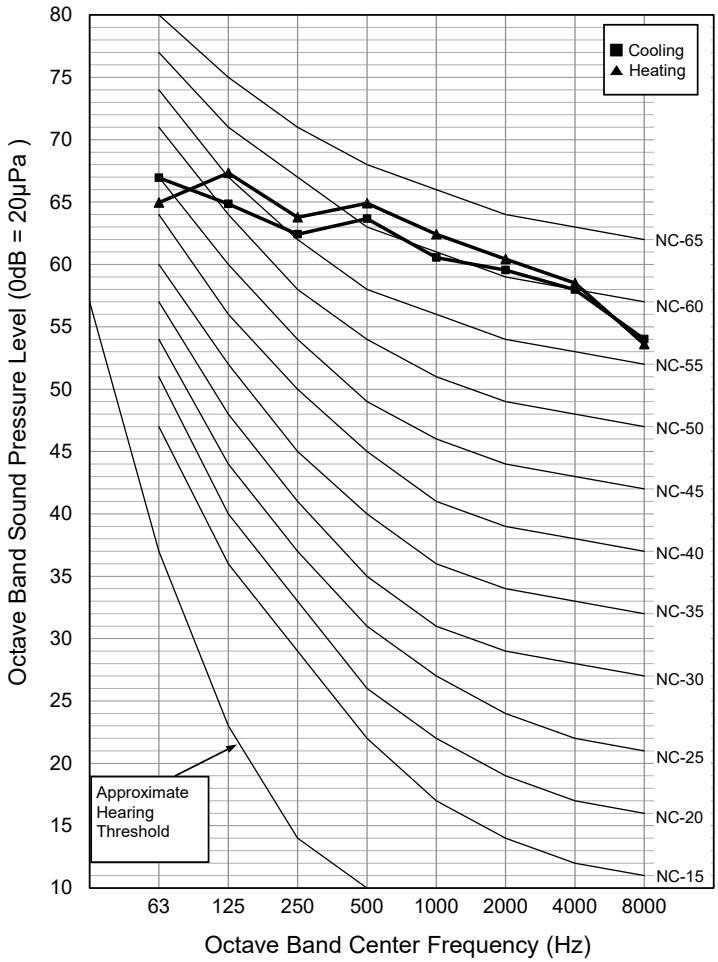
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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19.7 Sound Levels

19.7.1 Pressure Levels



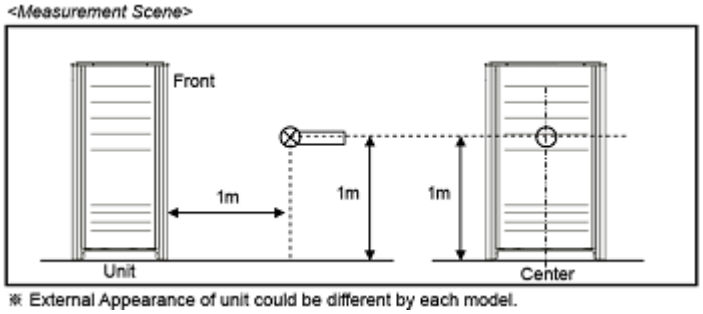
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	66.9	64.9	62.4	63.7	60.5	59.5	58.0	54.0
Heating[dB]	64.9	67.3	63.8	64.9	62.4	60.4	58.5	53.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	66.8 / 67.9

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

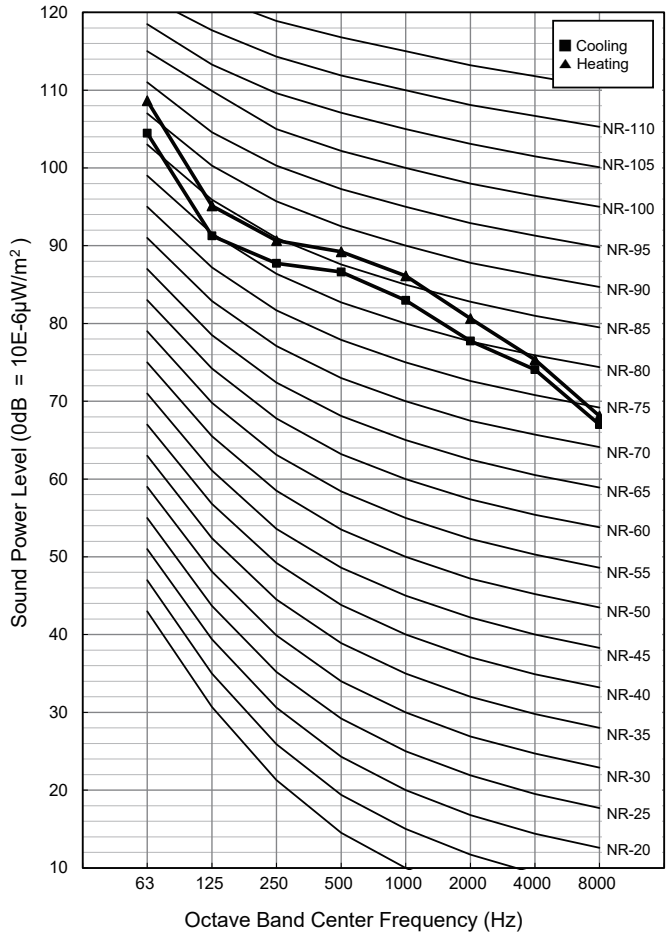
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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19.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	104.5	91.3	87.7	86.6	83.0	77.7	74.1	67.0
Heating[dB]	108.6	95.1	90.7	89.2	86.1	80.6	75.4	68.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	88.5 / 91.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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20.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM220LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	78.66 - 74.73 - 72.03
	Running Current by Voltage (Heating,Rated)	A	56.48 - 53.65 - 51.71
Cooling Capacity	Rated	kW	128.8
		Btu/h	439,500
Heating Capacity	Rated	kW	128.8
		Btu/h	439,500
	Max	kW	144.9
		Btu/h	494,400
Power Input(Cooling)	Rated	kW	48.15
Power Input(Heating)	Rated	kW	34.57
Efficiency	EER(Rated)	W/W	2.67
	COP(Rated)	W/W	3.73
	SEER	Wh/Wh	7.06
	SCOP	Wh/Wh	4.47
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 4
	Number of Revolution	rev./min	3,600 x 4
	Motor Output	W x No.	5,300 x 4
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,640 x 1,745 x 760) x 2
	Shipping(W x H x D)	mm	(1,675 x 1,919 x 802) x 2
Weight	Net	kg	(362 x 1) + (362 x 1)
	Shipping	kg	(372 x 1) + (372 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	32.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	66.800
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	67.5 / 69.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	87.5 / 91.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	101.6
	Maximum Fuse Amperes (MFA)	A	125
	Total Over Current Amperes (TOCA)	A	114.0
	Comp_Maximum Starting Current (MSC)	A	23.6
	Comp_Rated Load Amperes (Cooling)	A	68.7
	Comp_Rated Load Amperes (Heating)	A	46.5
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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20.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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20.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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20.4 Capacity Tables

20.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	100.6	11.95	127.0	16.72	155.4	24.54	167.3	28.84	180.8	33.89	192.3	38.14	201.3	41.54
	12	100.6	13.09	127.0	18.47	155.4	27.04	167.3	31.66	180.8	36.87	192.3	41.14	201.3	44.55
	14	100.6	14.35	127.0	20.40	155.4	29.76	167.3	34.66	180.8	40.04	192.3	44.38	201.3	47.83
	16	100.6	15.76	127.0	22.53	155.4	32.74	167.3	37.89	180.8	43.43	192.3	47.88	201.3	51.37
	18	100.6	17.33	127.0	24.85	155.4	36.00	167.3	41.39	180.8	47.08	192.3	51.58	201.3	54.70
	20	100.6	19.05	127.0	27.41	155.4	39.56	167.3	45.20	180.8	50.47	192.3	54.21	201.3	56.96
	21	100.6	19.99	127.0	28.77	155.4	41.47	167.3	46.80	180.8	51.65	192.3	55.39	201.3	58.11
	23	100.6	22.00	127.0	31.70	155.4	44.43	167.3	49.40	180.8	54.14	192.3	57.89	201.3	60.58
	25	100.6	24.20	127.0	34.32	155.4	47.08	167.3	52.08	180.8	56.82	192.3	60.61	201.3	63.31
	27	100.6	26.32	127.0	36.55	155.4	49.83	167.3	54.84	180.8	59.71	192.3	63.61	201.3	66.36
	29	100.6	28.06	127.0	38.93	155.4	52.79	167.3	57.80	180.8	62.86	192.3	66.94	200.4	69.54
	31	100.6	29.91	127.0	41.49	155.4	55.98	167.3	61.00	180.8	66.34	192.3	70.68	199.0	72.98
	33	100.6	31.89	127.0	44.23	155.4	59.36	167.3	64.49	180.8	70.23	191.1	74.48	192.2	74.93
	35	100.6	34.00	127.0	47.18	155.4	62.83	167.3	68.34	179.4	73.94	179.5	74.04	179.7	74.07
	37	100.6	36.25	127.0	50.36	155.4	66.63	166.7	72.32	167.2	72.55	167.1	72.52	167.1	72.56
	39	100.6	38.65	127.0	53.83	154.8	70.52	155.0	70.65	155.0	70.61	154.8	70.55	154.8	70.54
	41	100.6	41.22	127.0	57.63	143.2	68.42	143.1	68.38	143.0	68.34	143.0	68.37	143.0	68.35
	43	100.6	43.99	127.0	61.84	131.6	65.15	131.5	65.13	131.5	65.06	131.5	65.14	131.5	65.12
	46	100.6	48.55	115.4	59.22	115.2	59.12	115.3	59.15	115.1	59.07	115.1	59.06	115.2	59.11
	48	100.6	51.91	105.0	55.23	104.9	55.23	104.9	55.18	104.8	55.16	104.9	55.19	104.8	55.17
	50	95.40	51.73	95.30	51.70	95.20	51.70	95.20	51.62	95.10	51.64	95.00	51.59	95.20	51.68
	52	85.50	46.95	86.00	45.55	86.00	44.19	86.00	43.93	86.00	43.59	86.00	43.35	86.00	43.18
120	10	92.80	10.93	117.3	14.71	143.4	20.87	154.5	24.24	166.9	28.67	177.5	32.62	185.8	35.75
	12	92.80	11.90	117.3	16.23	143.4	23.04	154.5	26.71	166.9	31.47	177.5	35.54	185.8	38.71
	14	92.80	12.99	117.3	17.89	143.4	25.43	154.5	29.41	166.9	34.48	177.5	38.72	185.8	41.90
	16	92.80	14.21	117.3	19.74	143.4	28.03	154.5	32.36	166.9	37.71	177.5	42.15	185.8	45.35
	18	92.80	15.57	117.3	21.77	143.4	30.88	154.5	35.58	166.9	41.19	177.5	45.76	185.8	49.07
	20	92.80	17.08	117.3	24.01	143.4	34.01	154.5	39.11	166.9	44.99	177.5	49.26	185.8	52.11
	21	92.80	17.90	117.3	25.21	143.4	35.67	154.5	41.00	166.9	46.59	177.5	50.52	185.8	53.29
	23	92.80	19.67	117.3	27.78	143.4	38.94	154.5	43.99	166.9	49.22	177.5	53.01	185.8	55.78
	25	92.80	21.61	117.3	30.45	143.4	41.43	154.5	46.69	166.9	51.91	177.5	55.66	185.8	58.49
	27	92.80	23.70	117.3	32.50	143.4	44.10	154.5	49.43	166.9	54.67	177.5	58.53	185.8	61.43
	29	92.80	25.29	117.3	34.64	143.4	46.96	154.5	52.37	166.9	57.63	177.5	61.63	185.8	64.66
	31	92.80	26.96	117.3	36.92	143.4	50.04	154.5	55.53	166.9	60.81	177.5	65.04	185.8	68.25
	33	92.80	28.74	117.3	39.35	143.4	53.37	154.5	58.96	166.9	64.30	177.5	68.81	185.8	72.30
	35	92.80	30.65	117.3	41.96	143.4	56.70	154.5	62.42	166.9	68.13	177.5	73.07	179.7	74.07
	37	92.80	32.68	117.3	44.75	143.4	60.33	154.5	66.18	166.5	72.18	167.2	72.56	167.1	72.53
	39	92.80	34.84	117.3	47.77	143.4	64.31	154.4	70.30	155.0	70.64	154.9	70.61	155.0	70.63
	41	92.80	37.16	117.3	51.04	143.2	68.37	143.2	68.39	143.1	68.39	143.1	68.38	143.0	68.36
	43	92.80	39.63	117.3	54.60	131.7	65.16	131.5	65.11	131.6	65.10	131.5	65.16	131.5	65.10
	46	92.80	43.68	115.3	59.19	115.3	59.10	115.3	59.10	115.3	59.15	115.1	59.12	115.2	59.12
	48	92.80	46.64	105.1	55.26	104.9	55.20	105.0	55.25	104.9	55.17	104.8	55.12	105.0	55.25
	50	92.80	49.83	95.40	51.70	95.20	51.61	95.20	51.63	95.20	51.65	94.90	51.51	95.20	51.66
	52	85.30	47.39	85.90	46.16	86.00	44.75	86.00	44.48	85.90	44.18	86.10	43.99	86.00	43.82
110	10	85.10	10.03	107.5	13.00	131.5	17.75	141.6	20.35	153.0	23.75	162.7	27.08	170.3	29.98
	12	85.10	10.86	107.5	14.28	131.5	19.62	141.6	22.48	153.0	26.18	162.7	29.78	170.3	32.77
	14	85.10	11.79	107.5	15.71	131.5	21.67	141.6	24.81	153.0	28.83	162.7	32.72	170.3	35.80

20. ARUM460LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	85.10	12.84	107.5	17.29	131.5	23.92	141.6	27.37	153.0	31.74	162.7	35.93	170.3	39.09
	18	85.10	14.01	107.5	19.05	131.5	26.40	141.6	30.15	153.0	34.92	162.7	39.39	170.3	42.67
	20	85.10	15.32	107.5	20.98	131.5	29.09	141.6	33.21	153.0	38.39	162.7	43.07	170.3	46.45
	21	85.10	16.02	107.5	22.02	131.5	30.54	141.6	34.85	153.0	40.25	162.7	44.79	170.3	48.00
	23	85.10	17.56	107.5	24.25	131.5	33.63	141.6	38.10	153.0	43.29	162.7	47.47	170.3	50.51
	25	85.10	19.26	107.5	26.70	131.5	36.16	141.6	40.60	153.0	46.01	162.7	50.17	170.3	53.12
	27	85.10	21.14	107.5	28.77	131.5	38.52	141.6	43.21	153.0	48.78	162.7	53.07	170.3	55.92
	29	85.10	22.72	107.5	30.67	131.5	41.03	141.6	46.01	153.0	51.68	162.7	56.00	170.3	58.92
	31	85.10	24.21	107.5	32.69	131.5	43.71	141.6	49.03	153.0	54.80	162.7	59.11	170.3	62.17
	33	85.10	25.80	107.5	34.85	131.5	46.61	141.6	52.30	153.0	58.19	162.7	62.49	170.3	65.75
	35	85.10	27.51	107.5	37.16	131.5	49.72	141.6	55.74	153.0	61.73	162.7	66.18	170.3	69.70
	37	85.10	29.33	107.5	39.61	131.5	53.12	141.6	59.28	153.0	65.45	162.7	70.28	167.3	72.58
	39	85.10	31.28	107.5	42.25	131.5	56.83	141.6	63.18	153.0	69.53	155.0	70.57	155.0	70.62
	41	85.10	33.36	107.5	45.09	131.5	60.93	141.6	67.48	143.2	68.39	143.0	68.35	143.1	68.36
	43	85.10	35.57	107.5	48.15	131.5	65.04	131.7	65.15	131.5	65.09	131.7	65.21	131.6	65.19
	46	85.10	39.19	107.5	53.24	115.3	59.12	115.2	59.10	115.2	59.12	115.2	59.12	115.1	59.06
	48	85.10	41.81	105.1	55.30	105.0	55.25	105.0	55.26	105.0	55.20	104.9	55.19	104.8	55.17
	50	85.10	44.63	95.40	51.76	95.30	51.67	95.20	51.65	95.20	51.62	95.20	51.65	95.20	51.69
	52	85.10	47.66	85.60	46.76	86.20	45.47	86.00	45.16	86.10	44.90	86.10	44.63	86.00	44.27
100	10	77.40	9.28	97.70	11.55	119.6	15.16	128.8	17.12	139.1	19.66	147.9	22.16	154.8	24.34
	12	77.40	9.97	97.70	12.63	119.6	16.72	128.8	18.91	139.1	21.73	147.9	24.46	154.8	26.81
	14	77.40	10.75	97.70	13.83	119.6	18.45	128.8	20.89	139.1	23.99	147.9	26.97	154.8	29.53
	16	77.40	11.63	97.70	15.16	119.6	20.37	128.8	23.06	139.1	26.47	147.9	29.71	154.8	32.49
	18	77.40	12.62	97.70	16.65	119.6	22.47	128.8	25.44	139.1	29.18	147.9	32.72	154.8	35.72
	20	77.40	13.73	97.70	18.30	119.6	24.77	128.8	28.05	139.1	32.14	147.9	36.00	154.8	39.27
	21	77.40	14.33	97.70	19.18	119.6	26.02	128.8	29.45	139.1	33.73	147.9	37.76	154.8	41.17
	23	77.40	15.65	97.70	21.10	119.6	28.67	128.8	32.43	139.1	36.97	147.9	40.94	154.8	44.15
	25	77.40	17.12	97.70	23.21	119.6	31.37	128.8	35.02	139.1	39.46	147.9	43.53	154.8	46.82
	27	77.40	18.75	97.70	25.33	119.6	33.43	128.8	37.30	139.1	42.00	147.9	46.31	154.8	49.57
	29	77.40	20.33	97.70	27.00	119.6	35.62	128.8	39.73	139.1	44.73	147.9	49.31	154.8	52.51
	31	77.40	21.64	97.70	28.78	119.6	37.97	128.8	42.34	139.1	47.66	147.9	52.36	154.8	55.69
	33	77.40	23.05	97.70	30.69	119.6	40.47	128.8	45.13	139.1	50.84	147.9	55.59	154.8	59.11
	35	77.40	24.57	97.70	32.72	119.6	43.15	128.8	48.15	139.1	54.29	147.9	59.09	154.8	62.56
	37	77.40	26.21	97.70	34.89	119.6	46.04	128.8	51.41	139.1	57.88	147.9	62.91	154.8	66.34
	39	77.40	27.94	97.70	37.20	119.6	49.15	128.8	54.97	139.1	61.64	147.9	66.83	154.5	70.38
	41	77.40	29.80	97.70	39.68	119.6	52.53	128.8	58.89	139.1	65.79	143.2	68.38	143.1	68.34
	43	77.40	31.78	97.70	42.32	119.6	56.24	128.8	63.19	131.7	65.17	131.5	65.11	131.5	65.10
	46	77.40	35.02	97.70	46.68	115.3	59.17	115.3	59.12	115.1	59.05	115.1	59.06	115.2	59.10
	48	77.40	37.35	97.70	49.88	105.1	55.24	105.0	55.22	104.9	55.16	104.9	55.16	104.9	55.17
	50	77.40	39.84	95.50	51.74	95.30	51.70	95.20	51.66	95.30	51.70	95.30	51.70	95.20	51.69
	52	77.40	42.51	85.60	47.14	85.90	46.16	86.00	45.74	86.10	45.32	86.00	44.88	86.10	44.63
90	10	69.60	8.64	88.00	10.34	107.6	13.02	115.9	14.46	125.2	16.32	133.2	18.14	139.3	19.73
	12	69.60	9.21	88.00	11.22	107.6	14.31	115.9	15.93	125.2	18.03	133.2	20.05	139.3	21.79
	14	69.60	9.84	88.00	12.21	107.6	15.73	115.9	17.57	125.2	19.91	133.2	22.15	139.3	24.07
	16	69.60	10.57	88.00	13.32	107.6	17.33	115.9	19.38	125.2	21.98	133.2	24.45	139.3	26.55
	18	69.60	11.39	88.00	14.56	107.6	19.08	115.9	21.38	125.2	24.25	133.2	26.97	139.3	29.27
	20	69.60	12.32	88.00	15.94	107.6	21.02	115.9	23.56	125.2	26.74	133.2	29.73	139.3	32.24
	21	69.60	12.83	88.00	16.68	107.6	22.06	115.9	24.74	125.2	28.07	133.2	31.20	139.3	33.84
	23	69.60	13.94	88.00	18.30	107.6	24.29	115.9	27.26	125.2	30.93	133.2	34.36	139.3	37.08
	25	69.60	15.19	88.00	20.09	107.6	26.75	115.9	29.92	125.2	33.58	133.2	36.86	139.3	39.57
	27	69.60	16.58	88.00	22.06	107.6	28.82	115.9	31.96	125.2	35.77	133.2	39.24	139.3	42.11

20. ARUM460LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	69.60	18.09	88.00	23.64	107.6	30.71	115.9	34.06	125.2	38.11	133.2	41.80	139.3	44.85
	31	69.60	19.25	88.00	25.19	107.6	32.74	115.9	36.31	125.2	40.61	133.2	44.54	139.3	47.79
	33	69.60	20.50	88.00	26.85	107.6	34.90	115.9	38.70	125.2	43.29	133.2	47.48	139.3	50.97
	35	69.60	21.83	88.00	28.63	107.6	37.21	115.9	41.26	125.2	46.17	133.2	50.67	139.3	54.43
	37	69.60	23.27	88.00	30.52	107.6	39.68	115.9	44.01	125.2	49.28	133.2	54.14	139.3	58.01
	39	69.60	24.82	88.00	32.54	107.6	42.32	115.9	46.97	125.2	52.66	133.2	57.95	139.3	61.78
	41	69.60	26.47	88.00	34.71	107.6	45.17	115.9	50.17	125.2	56.35	133.2	61.95	139.3	65.94
	43	69.60	28.24	88.00	37.01	107.6	48.23	115.9	53.65	125.2	60.42	131.7	65.18	131.7	65.18
	46	69.60	31.12	88.00	40.78	107.6	53.33	115.3	59.13	115.3	59.13	115.3	59.11	115.3	59.15
	48	69.60	33.20	88.00	43.52	105.2	55.34	105.1	55.29	105.1	55.24	104.9	55.23	105.0	55.25
	50	69.60	35.42	88.00	46.46	95.40	51.73	95.40	51.71	95.20	51.66	95.20	51.65	95.30	51.72
	52	69.60	37.79	85.30	47.59	85.70	46.59	85.90	46.19	86.20	45.74	86.20	45.34	86.10	45.00
80	10	61.90	7.48	78.20	9.35	95.60	11.28	103.0	12.30	111.3	13.63	118.3	14.92	123.8	16.04
	12	61.90	8.55	78.20	10.05	95.60	12.31	103.0	13.49	111.3	15.00	118.3	16.46	123.8	17.71
	14	61.90	9.06	78.20	10.85	95.60	13.46	103.0	14.81	111.3	16.52	118.3	18.16	123.8	19.55
	16	61.90	9.64	78.20	11.74	95.60	14.75	103.0	16.28	111.3	18.21	118.3	20.03	123.8	21.59
	18	61.90	10.31	78.20	12.75	95.60	16.19	103.0	17.91	111.3	20.07	118.3	22.10	123.8	23.82
	20	61.90	11.08	78.20	13.89	95.60	17.78	103.0	19.71	111.3	22.11	118.3	24.38	123.8	26.27
	21	61.90	11.50	78.20	14.49	95.60	18.63	103.0	20.68	111.3	23.22	118.3	25.59	123.8	27.57
	23	61.90	12.42	78.20	15.83	95.60	20.48	103.0	22.77	111.3	25.58	118.3	28.19	123.8	30.39
	25	61.90	13.46	78.20	17.32	95.60	22.52	103.0	25.06	111.3	28.17	118.3	30.89	123.8	33.05
	27	61.90	14.62	78.20	18.97	95.60	24.65	103.0	27.16	111.3	30.18	118.3	32.94	123.8	35.21
	29	61.90	15.93	78.20	20.56	95.60	26.26	103.0	28.95	111.3	32.18	118.3	35.11	123.8	37.52
	31	61.90	17.06	78.20	21.89	95.60	28.00	103.0	30.87	111.3	34.30	118.3	37.42	123.8	39.97
	33	61.90	18.12	78.20	23.32	95.60	29.85	103.0	32.90	111.3	36.56	118.3	39.88	123.8	42.61
	35	61.90	19.29	78.20	24.86	95.60	31.83	103.0	35.08	111.3	38.99	118.3	42.52	123.8	45.45
	37	61.90	20.54	78.20	26.50	95.60	33.94	103.0	37.40	111.3	41.57	118.3	45.36	123.8	48.50
	39	61.90	21.90	78.20	28.27	95.60	36.19	103.0	39.89	111.3	44.35	118.3	48.42	123.8	51.80
	41	61.90	23.36	78.20	30.15	95.60	38.59	103.0	42.55	111.3	47.34	118.3	51.74	123.8	55.42
	43	61.90	24.93	78.20	32.16	95.60	41.16	103.0	45.41	111.3	50.58	118.3	55.37	123.8	59.40
	46	61.90	27.49	78.20	35.42	95.60	45.38	103.0	50.14	111.3	56.01	115.3	59.17	115.3	59.19
	48	61.90	29.35	78.20	37.78	95.60	48.48	103.0	53.65	105.1	55.26	105.1	55.28	105.1	55.28
	50	61.90	31.32	78.20	40.31	95.10	51.48	95.40	51.73	95.30	51.69	95.20	51.65	95.20	51.64
	52	61.90	33.42	78.20	43.01	85.50	47.10	85.70	46.68	85.90	46.21	86.10	45.85	86.10	45.53
70	10	54.20	6.25	68.40	8.48	83.70	9.89	90.10	10.59	97.40	11.51	103.5	12.39	108.3	13.14
	12	54.20	7.99	68.40	9.09	83.70	10.69	90.10	11.52	97.40	12.57	103.5	13.58	108.3	14.45
	14	54.20	8.39	68.40	9.70	83.70	11.59	90.10	12.55	97.40	13.76	103.5	14.91	108.3	15.90
	16	54.20	8.85	68.40	10.41	83.70	12.61	90.10	13.71	97.40	15.09	103.5	16.40	108.3	17.51
	18	54.20	9.38	68.40	11.21	83.70	13.74	90.10	15.00	97.40	16.57	103.5	18.05	108.3	19.28
	20	54.20	9.98	68.40	12.11	83.70	15.00	90.10	16.44	97.40	18.21	103.5	19.86	108.3	21.25
	21	54.20	10.32	68.40	12.60	83.70	15.70	90.10	17.22	97.40	19.09	103.5	20.84	108.3	22.30
	23	54.20	11.07	68.40	13.68	83.70	17.18	90.10	18.89	97.40	21.00	103.5	22.94	108.3	24.56
	25	54.20	11.92	68.40	14.89	83.70	18.85	90.10	20.76	97.40	23.10	103.5	25.25	108.3	27.04
	27	54.20	12.88	68.40	16.25	83.70	20.67	90.10	22.79	97.40	25.22	103.5	27.35	108.3	29.10
	29	54.20	13.97	68.40	17.73	83.70	22.26	90.10	24.37	97.40	26.88	103.5	29.16	108.3	31.02
	31	54.20	15.03	68.40	18.89	83.70	23.72	90.10	25.96	97.40	28.65	103.5	31.09	108.3	33.07
	33	54.20	15.94	68.40	20.10	83.70	25.28	90.10	27.68	97.40	30.56	103.5	33.14	108.3	35.25
	35	54.20	16.93	68.40	21.41	83.70	26.95	90.10	29.52	97.40	32.58	103.5	35.33	108.3	37.58
	37	54.20	18.02	68.40	22.82	83.70	28.73	90.10	31.47	97.40	34.73	103.5	37.67	108.3	40.07
	39	54.20	19.20	68.40	24.34	83.70	30.64	90.10	33.56	97.40	37.04	103.5	40.17	108.3	42.74
	41	54.20	20.48	68.40	25.96	83.70	32.68	90.10	35.79	97.40	39.50	103.5	42.85	108.3	45.62

20. ARUM460LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	54.20	21.85	68.40	27.69	83.70	34.85	90.10	38.16	97.40	42.14	103.5	45.74	108.3	48.72
	46	54.20	24.11	68.40	30.52	83.70	38.39	90.10	42.06	97.40	46.47	103.5	50.51	108.3	53.88
	48	54.20	25.75	68.40	32.56	83.70	40.95	90.10	44.89	97.40	49.65	103.5	54.05	105.1	55.28
	50	54.20	27.50	68.40	34.74	83.70	43.71	90.10	47.94	95.50	51.77	95.40	51.72	95.40	51.68
	52	54.20	29.36	68.40	37.06	83.70	46.67	85.40	47.41	85.60	46.92	85.80	46.47	85.90	46.19
60	10	46.40	5.07	58.60	6.92	71.70	8.81	77.20	9.27	83.40	9.87	88.70	10.43	92.90	10.93
	12	46.40	7.31	58.60	8.30	71.70	9.39	77.20	9.96	83.40	10.66	88.70	11.33	92.90	11.90
	14	46.40	7.63	58.60	8.76	71.70	10.08	77.20	10.73	83.40	11.56	88.70	12.34	92.90	13.00
	16	46.40	8.00	58.60	9.29	71.70	10.84	77.20	11.61	83.40	12.56	88.70	13.47	92.90	14.22
	18	46.40	8.44	58.60	9.90	71.70	11.71	77.20	12.60	83.40	13.69	88.70	14.72	92.90	15.58
	20	46.40	8.93	58.60	10.59	71.70	12.68	77.20	13.71	83.40	14.96	88.70	16.13	92.90	17.10
	21	46.40	9.20	58.60	10.98	71.70	13.22	77.20	14.31	83.40	15.64	88.70	16.88	92.90	17.92
	23	46.40	9.81	58.60	11.82	71.70	14.39	77.20	15.62	83.40	17.13	88.70	18.53	92.90	19.68
	25	46.40	10.50	58.60	12.78	71.70	15.69	77.20	17.08	83.40	18.78	88.70	20.33	92.90	21.63
	27	46.40	11.29	58.60	13.86	71.70	17.14	77.20	18.71	83.40	20.60	88.70	22.33	92.90	23.70
	29	46.40	12.17	58.60	15.08	71.70	18.69	77.20	20.29	83.40	22.19	88.70	23.91	92.90	25.31
	31	46.40	13.16	58.60	16.17	71.70	19.88	77.20	21.60	83.40	23.64	88.70	25.48	92.90	26.98
	33	46.40	13.93	58.60	17.17	71.70	21.17	77.20	23.01	83.40	25.20	88.70	27.16	92.90	28.76
	35	46.40	14.76	58.60	18.27	71.70	22.55	77.20	24.52	83.40	26.86	88.70	28.96	92.90	30.66
	37	46.40	15.69	58.60	19.45	71.70	24.04	77.20	26.15	83.40	28.64	88.70	30.88	92.90	32.69
	39	46.40	16.69	58.60	20.73	71.70	25.64	77.20	27.89	83.40	30.55	88.70	32.92	92.90	34.86
	41	46.40	17.79	58.60	22.11	71.70	27.35	77.20	29.75	83.40	32.58	88.70	35.11	92.90	37.17
	43	46.40	18.98	58.60	23.59	71.70	29.18	77.20	31.72	83.40	34.74	88.70	37.45	92.90	39.65
	46	46.40	20.95	58.60	26.03	71.70	32.15	77.20	34.94	83.40	38.26	88.70	41.25	92.90	43.70
	48	46.40	22.40	58.60	27.79	71.70	34.29	77.20	37.27	83.40	40.82	88.70	44.03	92.90	46.66
	50	46.40	23.93	58.60	29.66	71.70	36.59	77.20	39.76	83.40	43.56	88.70	47.02	92.90	49.87
	52	46.40	25.59	58.60	31.66	71.70	39.03	77.20	42.43	83.40	46.51	85.40	47.45	85.50	47.09
50	10	38.70	3.97	48.90	5.46	59.80	7.11	64.40	7.94	69.60	8.63	74.00	8.98	77.40	9.29
	12	38.70	5.89	48.90	7.55	59.80	8.39	64.40	8.74	69.60	9.19	74.00	9.62	77.40	9.97
	14	38.70	6.79	48.90	7.90	59.80	8.86	64.40	9.29	69.60	9.83	74.00	10.33	77.40	10.75
	16	38.70	7.09	48.90	8.29	59.80	9.41	64.40	9.93	69.60	10.55	74.00	11.14	77.40	11.63
	18	38.70	7.44	48.90	8.76	59.80	10.04	64.40	10.64	69.60	11.38	74.00	12.06	77.40	12.63
	20	38.70	7.83	48.90	9.28	59.80	10.76	64.40	11.46	69.60	12.31	74.00	13.08	77.40	13.74
	21	38.70	8.05	48.90	9.56	59.80	11.16	64.40	11.90	69.60	12.82	74.00	13.65	77.40	14.35
	23	38.70	8.53	48.90	10.21	59.80	12.03	64.40	12.89	69.60	13.92	74.00	14.87	77.40	15.66
	25	38.70	9.09	48.90	10.94	59.80	13.01	64.40	13.99	69.60	15.17	74.00	16.23	77.40	17.12
	27	38.70	9.71	48.90	11.78	59.80	14.13	64.40	15.22	69.60	16.56	74.00	17.76	77.40	18.75
	29	38.70	10.43	48.90	12.73	59.80	15.37	64.40	16.62	69.60	18.07	74.00	19.33	77.40	20.33
	31	38.70	11.23	48.90	13.75	59.80	16.48	64.40	17.74	69.60	19.23	74.00	20.57	77.40	21.65
	33	38.70	11.93	48.90	14.55	59.80	17.50	64.40	18.87	69.60	20.46	74.00	21.90	77.40	23.07
	35	38.70	12.62	48.90	15.43	59.80	18.62	64.40	20.08	69.60	21.80	74.00	23.33	77.40	24.59
	37	38.70	13.38	48.90	16.40	59.80	19.83	64.40	21.40	69.60	23.24	74.00	24.88	77.40	26.21
	39	38.70	14.21	48.90	17.46	59.80	21.15	64.40	22.82	69.60	24.78	74.00	26.53	77.40	27.96
	41	38.70	15.14	48.90	18.61	59.80	22.55	64.40	24.33	69.60	26.44	74.00	28.30	77.40	29.82
	43	38.70	16.17	48.90	19.86	59.80	24.06	64.40	25.96	69.60	28.21	74.00	30.19	77.40	31.80
	46	38.70	17.91	48.90	21.91	59.80	26.54	64.40	28.63	69.60	31.07	74.00	33.26	77.40	35.02
	48	38.70	19.18	48.90	23.41	59.80	28.32	64.40	30.54	69.60	33.16	74.00	35.48	77.40	37.36
	50	38.70	20.57	48.90	25.02	59.80	30.24	64.40	32.60	69.60	35.37	74.00	37.85	77.40	39.86
	52	38.70	22.06	48.90	26.74	59.80	32.28	64.40	34.78	69.60	37.73	74.00	40.38	77.40	42.53

20. ARUM460LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

20. ARUM460LTE6

20.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	27.40	2.26	43.90	3.61	62.30	5.14	66.70	5.51	71.10	5.90	75.70	6.33	80.50	6.85
	12	27.40	2.26	43.90	3.62	62.30	5.17	66.70	5.55	71.10	5.94	75.70	6.38	80.50	6.92
	14	27.40	2.28	43.90	3.64	62.30	5.23	66.70	5.62	71.10	6.03	75.70	6.47	80.50	7.05
	16	27.40	2.28	43.90	3.68	62.30	5.32	66.70	5.74	71.10	6.18	75.70	6.67	80.50	7.32
	18	27.40	2.30	43.90	3.75	62.30	5.54	66.70	6.01	71.10	6.51	75.70	7.07	80.50	7.91
	20	27.40	2.37	43.90	3.93	62.30	6.11	66.70	6.71	71.10	7.39	75.70	8.15	80.50	9.54
	21	31.00	2.88	47.40	4.84	65.60	8.15	69.90	8.87	74.20	9.40	78.60	9.93	83.10	10.77
	23	38.30	6.49	54.40	8.11	72.50	10.41	76.50	11.00	80.70	11.65	84.50	12.25	88.50	13.23
	25	45.80	8.09	61.60	10.10	79.50	13.08	83.40	13.81	87.40	14.60	90.50	15.25	94.00	16.39
	27	53.30	10.26	69.00	12.79	86.70	16.60	90.30	17.49	94.10	18.42	96.60	19.04	105.1	21.73
	29	61.20	13.19	76.50	16.25	94.10	20.59	97.50	21.52	101.2	22.53	107.3	24.33	124.4	30.62
	31	69.20	16.67	84.20	20.13	101.6	25.33	104.8	26.37	113.9	29.47	126.9	34.33	143.5	42.52
	33	77.50	20.92	92.10	24.99	109.3	31.17	120.4	35.57	134.0	41.57	146.4	47.70	162.7	57.79
	35	86.00	26.30	100.2	31.03	128.2	43.59	140.3	50.00	153.9	57.70	166.0	63.87	181.9	72.56
	37	86.00	28.06	100.2	33.10	128.2	46.53	140.3	53.44	153.9	61.44	166.0	67.79	171.3	71.86
	39	86.00	29.95	100.2	35.32	128.2	49.70	140.3	57.19	153.9	65.53	160.5	69.20	158.6	69.63
	41	86.00	31.96	100.2	37.68	128.2	53.14	140.3	61.34	148.1	66.33	148.1	66.34	146.4	67.04
	43	86.00	34.10	100.2	40.21	128.2	56.90	136.3	62.75	136.2	62.68	136.1	62.66	134.6	63.63
	46	86.00	37.58	100.2	44.33	119.4	56.67	119.4	56.65	119.4	56.69	119.2	56.55	117.9	57.39
	48	86.00	40.10	100.2	47.34	108.8	52.97	108.7	52.96	108.7	52.99	108.6	52.94	107.3	53.58
	50	86.00	42.79	98.90	49.71	98.70	49.65	98.70	49.66	98.60	49.62	98.70	49.66	97.30	50.15
	52	85.90	45.68	87.70	44.17	88.40	42.97	88.60	42.70	88.60	42.42	88.90	42.21	87.90	42.48
120	10	25.30	2.09	40.60	3.33	57.50	4.73	61.50	5.08	65.60	5.42	69.80	5.79	74.20	6.26
	12	25.30	2.09	40.60	3.34	57.50	4.76	61.50	5.10	65.60	5.45	69.80	5.84	74.20	6.31
	14	25.30	2.10	40.60	3.35	57.50	4.80	61.50	5.16	65.60	5.52	69.80	5.91	74.20	6.42
	16	25.30	2.11	40.60	3.38	57.50	4.88	61.50	5.26	65.60	5.63	69.80	6.05	74.20	6.62
	18	25.30	2.13	40.60	3.44	57.50	5.05	61.50	5.46	65.60	5.89	69.80	6.37	74.20	7.08
	20	25.30	2.17	40.60	3.58	57.50	5.48	61.50	6.01	65.60	6.56	69.80	7.19	74.20	8.35
	21	28.60	2.61	43.70	4.32	60.60	7.10	64.60	7.93	68.60	8.62	72.50	9.18	76.70	9.92
	23	35.30	6.19	50.20	7.64	66.90	9.64	70.70	10.15	74.50	10.71	78.00	11.22	81.70	12.08
	25	42.20	7.64	56.90	9.42	73.40	11.99	76.90	12.62	80.70	13.29	83.50	13.84	86.80	14.84
	27	49.30	9.59	63.60	11.80	80.00	15.08	83.40	15.83	86.90	16.66	89.20	17.21	97.00	19.62
	29	56.50	12.22	70.50	14.94	86.80	18.73	89.90	19.53	93.30	20.40	99.10	21.95	114.8	27.36
	31	63.90	15.38	77.70	18.40	93.70	22.90	96.80	23.81	105.1	26.48	117.1	30.64	132.5	37.63
	33	71.50	19.16	85.10	22.70	101.0	28.05	111.1	31.85	123.6	36.97	135.2	42.16	150.1	51.20
	35	79.40	23.93	92.60	28.03	118.4	38.84	129.6	44.28	142.0	50.95	153.2	57.33	167.9	65.99
	37	79.40	25.54	92.60	29.91	118.4	41.44	129.6	47.26	142.0	54.47	153.2	61.03	167.9	70.09
	39	79.40	27.25	92.60	31.92	118.4	44.23	129.6	50.49	142.0	58.31	153.2	65.10	158.7	69.67
	41	79.40	29.08	92.60	34.06	118.4	47.22	129.6	54.00	142.0	62.50	148.2	66.35	146.5	67.05
	43	79.40	31.04	92.60	36.33	118.4	50.47	129.6	57.83	136.3	62.76	136.1	62.66	134.5	63.53
	46	79.40	34.22	92.60	40.05	118.4	55.86	119.5	56.68	119.4	56.66	119.3	56.62	117.9	57.38
	48	79.40	36.51	92.60	42.73	108.8	52.97	108.8	52.96	108.8	52.99	108.8	52.98	107.3	53.60
	50	79.40	38.95	92.60	45.61	98.70	49.65	98.80	49.72	99.00	49.87	98.80	49.68	97.40	50.23
	52	79.40	41.57	87.50	44.73	88.10	43.46	88.30	43.23	88.40	42.97	88.40	42.76	88.00	43.20
110	10	23.20	1.91	37.20	3.05	52.70	4.34	56.40	4.64	60.20	4.95	64.00	5.29	68.10	5.69
	12	23.20	1.91	37.20	3.05	52.70	4.35	56.40	4.67	60.20	4.99	64.00	5.32	68.10	5.73
	14	23.20	1.92	37.20	3.07	52.70	4.39	56.40	4.71	60.20	5.04	64.00	5.38	68.10	5.81
	16	23.20	1.93	37.20	3.09	52.70	4.44	56.40	4.78	60.20	5.13	64.00	5.49	68.10	5.96
	18	23.20	1.94	37.20	3.14	52.70	4.57	56.40	4.94	60.20	5.31	64.00	5.72	68.10	6.30

20. ARUM460LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	23.20	1.98	37.20	3.25	52.70	4.91	56.40	5.35	60.20	5.83	64.00	6.34	68.10	7.26
	21	26.20	2.36	40.10	3.84	55.60	6.15	59.20	6.82	62.80	7.56	66.50	8.29	70.30	9.12
	23	32.40	5.91	46.00	7.19	61.30	8.93	64.80	9.36	68.30	9.82	71.50	10.26	74.90	11.00
	25	38.70	7.19	52.10	8.78	67.30	10.97	70.50	11.51	74.00	12.08	76.50	12.55	79.50	13.39
	27	45.20	8.94	58.30	10.87	73.40	13.67	76.50	14.31	79.70	15.00	81.80	15.47	88.90	17.57
	29	51.80	11.28	64.60	13.64	79.60	16.98	82.40	17.66	85.50	18.41	90.80	19.73	105.2	24.35
	31	58.60	14.16	71.30	16.77	85.90	20.64	88.70	21.40	96.40	23.68	107.4	27.23	121.5	33.16
	33	65.60	17.50	78.00	20.54	92.50	25.14	101.8	28.37	113.3	32.72	124.0	37.09	137.6	44.64
	35	72.80	21.70	84.90	25.22	108.5	34.45	118.8	39.03	130.2	44.60	140.5	50.03	153.9	59.15
	37	72.80	23.15	84.90	26.91	108.5	36.75	118.8	41.65	130.2	47.62	140.5	53.47	153.9	63.00
	39	72.80	24.71	84.90	28.72	108.5	39.21	118.8	44.45	130.2	50.87	140.5	57.23	153.9	67.12
	41	72.80	26.37	84.90	30.65	108.5	41.84	118.8	47.47	130.2	54.41	140.5	61.36	146.6	67.08
	43	72.80	28.15	84.90	32.71	108.5	44.67	118.8	50.72	130.2	58.29	136.3	62.78	134.8	63.69
	46	72.80	31.04	84.90	36.04	108.5	49.31	118.8	56.16	119.5	56.68	119.3	56.59	117.8	57.34
	48	72.80	33.13	84.90	38.46	108.4	52.65	108.8	53.00	108.8	53.00	108.7	52.97	107.4	53.62
	50	72.80	35.35	84.90	41.03	98.80	49.68	98.70	49.63	98.80	49.75	98.70	49.67	97.50	50.24
	52	72.80	37.72	84.90	43.79	87.90	44.10	87.90	43.84	88.10	43.57	88.20	43.25	87.80	43.48
100	10	21.10	1.74	33.80	2.77	47.90	3.93	51.20	4.22	54.60	4.50	58.20	4.80	61.90	5.15
	12	21.10	1.74	33.80	2.77	47.90	3.95	51.20	4.24	54.60	4.52	58.20	4.82	61.90	5.19
	14	21.10	1.74	33.80	2.79	47.90	3.98	51.20	4.26	54.60	4.56	58.20	4.86	61.90	5.25
	16	21.10	1.75	33.80	2.80	47.90	4.02	51.20	4.32	54.60	4.63	58.20	4.95	61.90	5.36
	18	21.10	1.76	33.80	2.84	47.90	4.12	51.20	4.44	54.60	4.77	58.20	5.12	61.90	5.61
	20	21.10	1.79	33.80	2.92	47.90	4.36	51.20	4.74	54.60	5.14	58.20	5.57	61.90	6.30
	21	23.80	2.11	36.40	3.40	50.40	5.31	53.80	5.85	57.10	6.44	60.40	7.08	64.00	8.33
	23	29.50	5.62	41.80	6.75	55.80	8.27	58.90	8.64	62.10	9.03	65.00	9.39	68.10	10.01
	25	35.20	6.77	47.40	8.15	61.10	10.04	64.20	10.48	67.20	10.97	69.60	11.35	72.30	12.08
	27	41.00	8.31	53.10	10.00	66.70	12.36	69.50	12.90	72.40	13.48	74.40	13.87	80.90	15.63
	29	47.10	10.38	58.80	12.42	72.30	15.33	75.00	15.92	77.80	16.56	82.60	17.68	95.60	21.57
	31	53.30	13.00	64.80	15.22	78.20	18.52	80.70	19.17	87.60	21.09	97.60	24.08	110.4	29.04
	33	59.60	15.93	70.90	18.52	84.10	22.41	92.60	25.14	103.1	28.81	112.7	32.46	125.1	38.73
	35	66.10	19.59	77.10	22.59	98.70	30.39	107.9	34.23	118.4	38.85	127.7	43.30	139.9	51.27
	37	66.10	20.90	77.10	24.10	98.70	32.42	107.9	36.52	118.4	41.45	127.7	46.22	139.9	54.82
	39	66.10	22.30	77.10	25.72	98.70	34.60	107.9	38.96	118.4	44.24	127.7	49.37	139.9	58.70
	41	66.10	23.81	77.10	27.45	98.70	36.90	107.9	41.58	118.4	47.24	127.7	52.78	139.9	62.79
	43	66.10	25.42	77.10	29.31	98.70	39.38	107.9	44.38	118.4	50.48	127.7	56.51	134.7	63.59
	46	66.10	28.04	77.10	32.31	98.70	43.41	107.9	48.98	118.4	55.88	119.4	56.64	118.0	57.42
	48	66.10	29.94	77.10	34.48	98.70	46.35	107.9	52.38	108.8	52.99	108.9	53.01	107.3	53.61
	50	66.10	31.96	77.10	36.78	98.40	49.33	98.80	49.71	98.80	49.66	98.80	49.75	97.30	50.20
	52	66.10	34.11	77.10	39.24	87.40	44.70	87.60	44.33	88.00	43.98	88.10	43.58	87.70	43.81
90	10	19.00	1.57	30.50	2.49	43.10	3.53	46.20	3.79	49.20	4.04	52.30	4.30	55.70	4.63
	12	19.00	1.57	30.50	2.50	43.10	3.55	46.20	3.80	49.20	4.06	52.30	4.33	55.70	4.65
	14	19.00	1.57	30.50	2.50	43.10	3.57	46.20	3.83	49.20	4.09	52.30	4.36	55.70	4.69
	16	19.00	1.57	30.50	2.52	43.10	3.60	46.20	3.87	49.20	4.13	52.30	4.42	55.70	4.78
	18	19.00	1.59	30.50	2.54	43.10	3.67	46.20	3.95	49.20	4.24	52.30	4.55	55.70	4.96
	20	19.00	1.61	30.50	2.60	43.10	3.84	46.20	4.17	49.20	4.50	52.30	4.87	55.70	5.45
	21	21.50	1.88	32.80	2.98	45.40	4.56	48.40	4.98	51.40	5.46	54.40	5.95	57.50	7.09
	23	26.50	5.34	37.70	6.32	50.20	7.63	53.00	7.95	55.90	8.29	58.50	8.59	61.30	9.11
	25	31.60	6.36	42.60	7.55	55.00	9.17	57.70	9.55	60.50	9.94	62.70	10.26	65.10	10.87
	27	37.00	7.71	47.70	9.15	60.00	11.16	62.50	11.61	65.20	12.09	66.90	12.41	72.80	13.87
	29	42.40	9.51	52.90	11.26	65.10	13.73	67.50	14.26	70.00	14.81	74.20	15.76	86.10	19.01
	31	47.90	11.88	58.30	13.79	70.30	16.55	72.60	17.09	78.80	18.69	87.80	21.17	99.30	25.28

20. ARUM460LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	53.70	14.46	63.80	16.62	75.70	19.89	83.30	22.17	92.70	25.20	101.4	28.22	112.7	33.36
	35	59.60	17.62	69.40	20.12	88.80	26.64	97.20	29.81	106.6	33.61	114.8	37.25	125.9	43.69
	37	59.60	18.77	69.40	21.46	88.80	28.42	97.20	31.81	106.6	35.87	114.8	39.75	125.9	46.64
	39	59.60	20.03	69.40	22.91	88.80	30.33	97.20	33.94	106.6	38.27	114.8	42.42	125.9	49.82
	41	59.60	21.38	69.40	24.46	88.80	32.36	97.20	36.21	106.6	40.84	114.8	45.27	125.9	53.28
	43	59.60	22.83	69.40	26.11	88.80	34.54	97.20	38.64	106.6	43.58	114.8	48.36	125.9	57.05
	46	59.60	25.21	69.40	28.82	88.80	38.05	97.20	42.59	106.6	48.10	114.8	53.47	118.0	57.41
	48	59.60	26.93	69.40	30.77	88.80	40.61	97.20	45.47	106.6	51.41	108.9	53.00	107.5	53.67
	50	59.60	28.76	69.40	32.83	88.80	43.33	97.20	48.57	98.80	49.73	98.80	49.65	97.50	50.28
	52	59.60	30.72	69.40	35.04	87.30	45.13	87.40	44.73	87.70	44.30	88.00	43.96	87.40	44.14
80	10	16.90	1.39	27.00	2.21	38.30	3.14	41.00	3.36	43.70	3.59	46.60	3.83	49.50	4.11
	12	16.90	1.39	27.00	2.22	38.30	3.14	41.00	3.37	43.70	3.60	46.60	3.83	49.50	4.13
	14	16.90	1.40	27.00	2.22	38.30	3.16	41.00	3.39	43.70	3.62	46.60	3.86	49.50	4.15
	16	16.90	1.40	27.00	2.23	38.30	3.19	41.00	3.42	43.70	3.66	46.60	3.90	49.50	4.20
	18	16.90	1.40	27.00	2.25	38.30	3.23	41.00	3.47	43.70	3.73	46.60	3.99	49.50	4.33
	20	16.90	1.42	27.00	2.30	38.30	3.36	41.00	3.63	43.70	3.91	46.60	4.21	49.50	4.67
	21	19.10	1.65	29.20	2.59	40.40	3.88	43.00	4.23	45.60	4.59	48.30	4.98	51.20	5.81
	23	23.60	5.08	33.50	5.92	44.60	7.04	47.10	7.30	49.70	7.58	52.00	7.83	54.40	8.28
	25	28.20	5.95	37.90	6.97	48.90	8.35	51.30	8.67	53.70	9.00	55.60	9.26	57.90	9.77
	27	32.80	7.12	42.40	8.36	53.30	10.04	55.60	10.41	57.90	10.81	59.40	11.07	64.60	12.26
	29	37.60	8.68	47.00	10.16	57.90	12.22	60.00	12.66	62.30	13.12	66.00	13.93	76.50	16.66
	31	42.60	10.72	51.80	12.42	62.50	14.72	64.40	15.17	70.10	16.48	78.00	18.50	88.30	21.85
	33	47.70	13.04	56.70	14.86	67.30	17.55	74.00	19.41	82.40	21.89	90.10	24.34	100.1	28.51
	35	52.90	15.78	61.70	17.83	78.90	23.19	86.40	25.78	94.70	28.86	102.1	31.79	111.9	36.95
	37	52.90	16.79	61.70	19.01	78.90	24.74	86.40	27.51	94.70	30.79	102.1	33.91	111.9	39.42
	39	52.90	17.91	61.70	20.29	78.90	26.41	86.40	29.35	94.70	32.85	102.1	36.18	111.9	42.07
	41	52.90	19.11	61.70	21.66	78.90	28.18	86.40	31.32	94.70	35.06	102.1	38.61	111.9	44.90
	43	52.90	20.40	61.70	23.14	78.90	30.08	86.40	33.42	94.70	37.40	102.1	41.19	111.9	47.96
	46	52.90	22.54	61.70	25.54	78.90	33.16	86.40	36.83	94.70	41.23	102.1	45.43	111.9	53.04
	48	52.90	24.09	61.70	27.28	78.90	35.38	86.40	39.30	94.70	44.00	102.1	48.53	107.5	53.67
	50	52.90	25.75	61.70	29.14	78.90	37.75	86.40	41.93	94.70	46.98	98.80	49.71	97.50	50.27
	52	52.90	27.52	61.70	31.12	78.90	40.28	86.30	44.68	87.40	44.79	87.60	44.42	87.20	44.63
70	10	14.80	1.22	23.60	1.94	33.50	2.75	35.90	2.94	38.30	3.14	40.80	3.34	43.30	3.59
	12	14.80	1.22	23.60	1.94	33.50	2.75	35.90	2.95	38.30	3.14	40.80	3.35	43.30	3.59
	14	14.80	1.22	23.60	1.94	33.50	2.76	35.90	2.96	38.30	3.16	40.80	3.37	43.30	3.62
	16	14.80	1.22	23.60	1.95	33.50	2.78	35.90	2.97	38.30	3.18	40.80	3.40	43.30	3.66
	18	14.80	1.23	23.60	1.96	33.50	2.82	35.90	3.02	38.30	3.23	40.80	3.45	43.30	3.74
	20	14.80	1.24	23.60	2.00	33.50	2.89	35.90	3.12	38.30	3.35	40.80	3.60	43.30	3.96
	21	16.70	1.43	25.50	2.23	35.30	3.27	37.60	3.54	40.00	3.83	42.30	4.12	44.70	4.72
	23	20.70	4.13	29.30	5.53	39.10	6.46	41.20	6.69	43.50	6.91	45.40	7.13	47.70	7.50
	25	24.60	5.56	33.20	6.42	42.80	7.56	44.90	7.83	47.00	8.10	48.70	8.32	50.60	8.74
	27	28.70	6.57	37.10	7.60	46.70	8.99	48.70	9.30	50.60	9.62	52.10	9.84	56.60	10.81
	29	33.00	7.88	41.20	9.11	50.60	10.82	52.50	11.17	54.40	11.55	57.70	12.20	66.90	14.47
	31	37.30	9.61	45.30	11.07	54.70	13.03	56.40	13.39	61.30	14.45	68.40	16.06	77.30	18.74
	33	41.80	11.63	49.60	13.20	58.90	15.39	64.80	16.89	72.10	18.87	78.80	20.82	87.60	24.13
	35	46.30	14.03	54.00	15.72	69.00	20.01	75.60	22.08	82.80	24.54	89.30	26.85	97.90	30.93
	37	46.30	14.91	54.00	16.73	69.00	21.35	75.60	23.56	82.80	26.18	89.30	28.66	97.90	33.00
	39	46.30	15.89	54.00	17.85	69.00	22.79	75.60	25.15	82.80	27.94	89.30	30.58	97.90	35.20
	41	46.30	16.97	54.00	19.05	69.00	24.33	75.60	26.85	82.80	29.82	89.30	32.62	97.90	37.56
	43	46.30	18.12	54.00	20.35	69.00	25.98	75.60	28.66	82.80	31.82	89.30	34.81	97.90	40.07
	46	46.30	20.02	54.00	22.48	69.00	28.66	75.60	31.60	82.80	35.08	89.30	38.36	97.90	44.19

20. ARUM460LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	46.30	21.42	54.00	24.03	69.00	30.60	75.60	33.72	82.80	37.42	89.30	40.93	97.90	47.20
	50	46.30	22.91	54.00	25.69	69.00	32.66	75.60	35.98	82.80	39.93	89.30	43.69	97.30	50.08
	52	46.30	24.51	54.00	27.46	69.00	34.85	75.60	38.39	82.80	42.61	87.40	45.08	86.90	45.28
60	10	12.70	1.05	20.30	1.66	28.70	2.35	30.70	2.52	32.80	2.69	34.90	2.86	37.20	3.07
	12	12.70	1.05	20.30	1.66	28.70	2.36	30.70	2.52	32.80	2.69	34.90	2.86	37.20	3.08
	14	12.70	1.05	20.30	1.66	28.70	2.36	30.70	2.53	32.80	2.70	34.90	2.88	37.20	3.09
	16	12.70	1.05	20.30	1.67	28.70	2.37	30.70	2.54	32.80	2.71	34.90	2.90	37.20	3.12
	18	12.70	1.05	20.30	1.68	28.70	2.39	30.70	2.57	32.80	2.75	34.90	2.93	37.20	3.17
	20	12.70	1.06	20.30	1.70	28.70	2.45	30.70	2.63	32.80	2.82	34.90	3.02	37.20	3.30
	21	14.30	1.22	21.90	1.88	30.30	2.72	32.20	2.92	34.30	3.14	36.20	3.38	38.30	3.79
	23	17.60	2.93	25.10	4.38	33.50	5.91	35.30	6.10	37.20	6.28	38.90	6.45	40.80	6.76
	25	21.40	5.24	28.40	5.90	36.60	6.84	38.50	7.04	40.30	7.26	41.80	7.44	43.40	7.78
	27	24.70	6.03	31.80	6.86	40.00	8.01	41.70	8.25	43.50	8.51	44.60	8.68	48.50	9.47
	29	28.20	7.12	35.30	8.12	43.40	9.51	45.00	9.79	46.60	10.08	49.50	10.61	57.30	12.39
	31	32.00	8.55	38.90	9.74	46.90	11.39	48.30	11.71	52.50	12.58	58.60	13.85	66.30	15.94
	33	35.80	10.28	42.50	11.56	50.40	13.40	55.60	14.59	61.90	16.12	67.60	17.64	75.10	20.20
	35	39.70	12.28	46.20	13.72	59.20	17.13	64.80	18.73	71.10	20.63	76.60	22.41	83.90	25.55
	37	39.70	13.02	46.20	14.59	59.20	18.25	64.80	19.98	71.10	22.01	76.60	23.91	83.90	27.26
	39	39.70	13.84	46.20	15.54	59.20	19.47	64.80	21.32	71.10	23.50	76.60	25.53	83.90	29.10
	41	39.70	14.75	46.20	16.59	59.20	20.79	64.80	22.76	71.10	25.08	76.60	27.25	83.90	31.05
	43	39.70	15.76	46.20	17.74	59.20	22.20	64.80	24.31	71.10	26.77	76.60	29.08	83.90	33.13
	46	39.70	17.46	46.20	19.62	59.20	24.53	64.80	26.84	71.10	29.54	76.60	32.07	83.90	36.51
	48	39.70	18.74	46.20	20.99	59.20	26.20	64.80	28.66	71.10	31.52	76.60	34.22	83.90	38.96
	50	39.70	20.12	46.20	22.46	59.20	27.99	64.80	30.60	71.10	33.65	76.60	36.51	83.90	41.57
	52	39.70	21.58	46.20	24.03	59.20	29.90	64.80	32.66	71.10	35.90	76.60	38.95	83.90	44.37
50	10	10.50	0.95	16.90	1.38	24.00	1.96	25.70	2.10	27.40	2.24	29.10	2.38	30.90	2.56
	12	10.50	0.95	16.90	1.38	24.00	1.96	25.70	2.10	27.40	2.24	29.10	2.39	30.90	2.56
	14	10.50	0.95	16.90	1.39	24.00	1.96	25.70	2.11	27.40	2.24	29.10	2.39	30.90	2.56
	16	10.50	0.95	16.90	1.39	24.00	1.98	25.70	2.11	27.40	2.26	29.10	2.41	30.90	2.58
	18	10.50	0.95	16.90	1.40	24.00	1.98	25.70	2.13	27.40	2.28	29.10	2.43	30.90	2.62
	20	10.50	0.97	16.90	1.41	24.00	2.02	25.70	2.17	27.40	2.32	29.10	2.48	30.90	2.69
	21	11.90	1.01	18.20	1.55	25.30	2.20	26.90	2.37	28.60	2.53	30.20	2.70	32.00	2.99
	23	14.70	2.04	20.90	3.00	27.80	5.30	29.50	5.54	31.00	5.69	32.40	5.82	34.10	6.06
	25	20.40	5.23	23.70	5.39	30.60	6.14	32.00	6.30	33.60	6.47	34.80	6.62	36.20	6.88
	27	20.70	5.53	26.50	6.17	33.30	7.07	34.70	7.27	36.20	7.47	37.20	7.60	40.40	8.22
	29	23.60	6.39	29.40	7.18	36.20	8.27	37.50	8.49	38.90	8.72	41.20	9.13	47.80	10.51
	31	26.60	7.54	32.40	8.48	39.10	9.78	40.30	10.03	43.70	10.75	48.80	11.80	55.20	13.43
	33	29.80	8.98	35.40	10.00	42.00	11.46	46.20	12.42	51.50	13.65	56.30	14.78	62.50	16.69
	35	33.10	10.59	38.50	11.72	49.30	14.50	54.00	15.72	59.20	17.13	63.80	18.45	69.90	20.78
	37	33.10	11.19	38.50	12.43	49.30	15.44	54.00	16.74	59.20	18.26	63.80	19.68	69.90	22.18
	39	33.10	11.86	38.50	13.21	49.30	16.46	54.00	17.85	59.20	19.48	63.80	20.99	69.90	23.67
	41	33.10	12.59	38.50	14.06	49.30	17.56	54.00	19.05	59.20	20.80	63.80	22.42	69.90	25.26
	43	33.10	13.40	38.50	15.01	49.30	18.75	54.00	20.35	59.20	22.22	63.80	23.94	69.90	26.96
	46	33.10	14.78	38.50	16.61	49.30	20.72	54.00	22.49	59.20	24.53	63.80	26.43	69.90	29.74
	48	33.10	15.81	38.50	17.82	49.30	22.17	54.00	24.03	59.20	26.20	63.80	28.22	69.90	31.75
	50	33.10	16.95	38.50	19.14	49.30	23.71	54.00	25.69	59.20	28.00	63.80	30.14	69.90	33.88
	52	33.10	18.20	38.50	20.60	49.30	25.36	54.00	27.46	59.20	29.91	63.80	32.18	69.90	36.16

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

20. ARUM460LTE6

20.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	80.60	38.89	80.00	39.22	79.30	39.55	79.00	39.71	78.70	39.87	78.10	40.20
	-24.8	-25	94.00	40.83	93.30	41.20	92.50	41.57	92.30	41.75	91.90	41.93	91.20	42.29
	-21.8	-22	102.3	41.94	101.6	42.34	100.9	42.73	100.5	42.92	100.1	43.11	99.40	43.49
	-19.8	-20	108.3	42.69	107.5	43.10	106.7	43.50	106.3	43.70	105.9	43.91	105.1	44.29
	-18.8	-19	111.3	43.06	110.4	43.48	109.6	43.89	109.2	44.09	108.8	44.30	108.1	44.70
	-16.7	-17	117.5	43.82	116.7	44.24	115.9	44.68	115.4	44.89	115.0	45.09	114.2	45.51
	-15	-15.9	121.3	44.26	120.4	44.70	119.6	45.13	119.2	45.34	118.7	45.55	117.9	45.97
	-13.7	-15	124.9	44.66	124.1	45.12	123.2	45.56	122.8	45.78	122.4	46.00	121.6	46.43
	-11.8	-13	131.2	45.36	130.2	45.82	129.3	46.28	128.8	46.51	128.4	46.73	127.5	47.17
	-9.8	-11	138.3	46.13	137.3	46.61	136.3	47.08	135.9	47.31	135.3	47.54	134.4	47.98
	-9.5	-10	141.7	46.49	140.7	46.98	139.7	47.45	139.2	47.68	138.7	47.92	137.7	48.37
	-8.5	-9.1	145.2	46.85	144.0	47.33	143.0	47.82	142.5	48.05	142.0	48.29	141.0	48.75
	-7	-7.6	150.9	47.44	149.8	47.94	148.8	48.43	148.2	48.67	147.6	48.91	146.6	49.38
	-5	-5.6	159.0	48.23	157.8	48.75	156.6	49.26	156.1	49.50	155.5	49.76	154.3	50.24
	-3	-3.7	166.9	49.00	165.7	49.54	164.5	50.06	163.9	50.31	163.3	50.57	162.1	51.05
	0	-0.7	179.9	50.24	178.7	50.79	177.3	51.33	176.6	51.59	176.0	51.85	164.8	48.14
	3	2.2	193.1	51.44	191.5	52.01	188.4	51.82	182.5	49.96	176.5	48.12	164.8	44.51
	5	4.1	201.8	52.22	200.1	52.75	188.4	49.18	182.5	47.44	176.5	45.71	164.8	42.31
	7	6	210.8	53.02	200.1	50.02	188.4	46.66	182.5	45.00	176.5	43.36	164.8	40.14
	9	7.9	211.9	50.53	200.1	47.30	188.4	44.15	182.5	42.59	176.5	41.06	164.8	38.03
	11	9.8	211.9	47.73	200.1	44.71	188.4	41.75	182.5	40.29	176.5	38.86	164.8	36.03
	13	11.8	211.9	44.91	200.1	42.10	188.4	39.34	182.5	37.98	176.5	36.64	164.8	34.00
	15	13.7	211.9	42.36	200.1	39.74	188.4	37.16	182.5	35.89	176.5	34.63	164.8	32.15
120	-30	-30.2	80.20	39.06	79.60	39.39	79.00	39.71	78.70	39.87	78.50	40.04	77.90	40.35
	-24.8	-25	93.50	41.05	92.90	41.42	92.10	41.79	91.90	41.97	91.50	42.14	90.80	42.49
	-21.8	-22	101.9	42.21	101.1	42.60	100.4	42.98	100.0	43.17	99.60	43.36	99.00	43.73
	-19.8	-20	107.7	42.98	106.9	43.39	106.1	43.78	105.7	43.98	105.4	44.17	104.6	44.55
	-18.8	-19	110.7	43.37	109.8	43.78	109.0	44.18	108.7	44.39	108.3	44.59	107.5	44.97
	-16.7	-17	116.9	44.15	116.1	44.57	115.2	45.00	114.8	45.20	114.4	45.40	113.6	45.81
	-15	-15.9	120.6	44.61	119.8	45.04	118.9	45.47	118.4	45.68	118.0	45.88	117.2	46.30
	-13.7	-15	124.2	45.04	123.3	45.49	122.5	45.93	122.1	46.15	121.6	46.35	120.8	46.78
	-11.8	-13	130.4	45.77	129.4	46.23	128.5	46.67	128.0	46.89	127.6	47.11	126.7	47.54
	-9.8	-11	137.4	46.57	136.3	47.04	135.4	47.50	134.9	47.72	134.4	47.95	133.5	48.39
	-9.5	-10	140.7	46.95	139.8	47.43	138.8	47.89	138.2	48.12	137.8	48.35	136.8	48.79
	-8.5	-9.1	144.2	47.33	143.0	47.81	142.0	48.27	141.5	48.51	141.1	48.74	140.1	49.19
	-7	-7.6	149.8	47.94	148.7	48.44	147.6	48.92	147.1	49.16	146.6	49.39	145.5	49.84
	-5	-5.6	157.6	48.79	156.5	49.30	155.4	49.79	154.9	50.04	154.3	50.27	152.2	50.24
	-3	-3.7	165.5	49.61	164.3	50.13	163.1	50.64	162.5	50.88	162.0	51.12	152.2	47.71
	0	-0.7	178.3	50.93	177.0	51.46	173.8	51.18	168.5	49.36	163.0	47.55	152.2	43.99
	3	2.2	191.1	52.20	184.7	50.67	173.8	47.29	168.5	45.61	163.0	43.96	152.2	40.72
	5	4.1	195.5	51.37	184.7	48.10	173.8	44.92	168.5	43.35	163.0	41.79	152.2	38.73
	7	6	195.5	48.72	184.7	45.64	173.8	42.61	168.5	41.13	163.0	39.66	152.2	36.77
	9	7.9	195.5	46.08	184.7	43.19	173.8	40.36	168.5	38.96	163.0	37.58	152.2	34.86
	11	9.8	195.5	43.56	184.7	40.86	173.8	38.19	168.5	36.88	163.0	35.59	152.2	33.04
	13	11.8	195.5	41.03	184.7	38.51	173.8	36.02	168.5	34.81	163.0	33.60	152.2	31.21

20. ARUM460LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	195.5	38.74	184.7	36.38	173.8	34.05	168.5	32.91	163.0	31.77	152.2	29.55
110	-30	-30.2	79.80	39.26	79.30	39.59	78.70	39.91	78.40	40.07	78.10	40.22	77.50	40.54
	-24.8	-25	93.10	41.32	92.30	41.68	91.70	42.04	91.30	42.21	91.00	42.39	90.40	42.73
	-21.8	-22	101.3	42.51	100.5	42.90	99.80	43.28	99.40	43.46	99.00	43.65	98.40	44.01
	-19.8	-20	107.1	43.32	106.3	43.72	105.5	44.11	105.1	44.30	104.8	44.49	104.0	44.87
	-18.8	-19	110.0	43.72	109.2	44.13	108.4	44.52	108.0	44.72	107.6	44.92	106.9	45.29
	-16.7	-17	116.1	44.54	115.3	44.96	114.4	45.37	114.0	45.57	113.6	45.77	112.8	46.16
	-15	-15.9	119.8	45.02	119.0	45.44	118.1	45.86	117.7	46.07	117.3	46.27	116.5	46.67
	-13.7	-15	123.4	45.48	122.5	45.91	121.7	46.35	121.2	46.56	120.8	46.76	120.0	47.18
	-11.8	-13	129.4	46.23	128.4	46.69	127.6	47.12	127.1	47.33	126.7	47.54	125.7	47.96
	-9.8	-11	136.3	47.08	135.3	47.54	134.4	47.99	133.9	48.20	133.4	48.42	132.4	48.85
	-9.5	-10	139.6	47.48	138.6	47.94	137.6	48.40	137.2	48.62	136.7	48.84	135.7	49.27
	-8.5	-9.1	142.9	47.88	141.9	48.35	140.9	48.81	140.3	49.03	139.9	49.25	138.9	49.69
	-7	-7.6	148.5	48.54	147.4	49.01	146.4	49.49	145.9	49.71	145.3	49.94	139.5	48.02
	-5	-5.6	156.2	49.43	155.1	49.93	153.9	50.40	153.4	50.64	149.5	49.23	139.5	45.54
	-3	-3.7	163.9	50.31	162.7	50.81	159.3	50.30	154.4	48.51	149.5	46.75	139.5	43.28
	0	-0.7	176.4	51.71	169.3	49.66	159.3	46.36	154.4	44.74	149.5	43.12	139.5	39.96
	3	2.2	179.2	48.97	169.3	45.89	159.3	42.88	154.4	41.39	149.5	39.92	139.5	37.03
	5	4.1	179.2	46.50	169.3	43.61	159.3	40.76	154.4	39.36	149.5	37.98	139.5	35.25
	7	6	179.2	44.12	169.3	41.38	159.3	38.69	154.4	37.36	149.5	36.05	139.5	33.47
	9	7.9	179.2	41.77	169.3	39.19	159.3	36.67	154.4	35.43	149.5	34.20	139.5	31.76
	11	9.8	179.2	39.52	169.3	37.11	159.3	34.74	154.4	33.57	149.5	32.41	139.5	30.13
	13	11.8	179.2	37.26	169.3	35.00	159.3	32.79	154.4	31.70	149.5	30.62	139.5	28.49
	15	13.7	179.2	35.21	169.3	33.10	159.3	31.03	154.4	30.00	149.5	28.99	139.5	26.99
100	-30	-30.2	79.40	39.50	78.80	39.82	78.30	40.14	77.90	40.29	77.70	40.45	77.10	40.76
	-24.8	-25	92.50	41.64	91.70	41.99	91.10	42.34	90.80	42.51	90.50	42.69	89.80	43.02
	-21.8	-22	100.6	42.88	99.80	43.26	99.20	43.63	98.80	43.80	98.40	43.98	97.80	44.35
	-19.8	-20	106.3	43.72	105.5	44.11	104.8	44.48	104.4	44.68	104.0	44.86	103.2	45.23
	-18.8	-19	109.2	44.14	108.4	44.54	107.6	44.92	107.3	45.12	106.9	45.31	106.1	45.68
	-16.7	-17	115.2	45.00	114.4	45.40	113.6	45.81	113.2	46.01	112.8	46.20	112.0	46.58
	-15	-15.9	118.8	45.51	118.0	45.92	117.1	46.32	116.7	46.52	116.3	46.72	115.5	47.11
	-13.7	-15	122.4	45.99	121.6	46.42	120.8	46.83	120.4	47.04	120.0	47.25	119.2	47.64
	-11.8	-13	128.2	46.78	127.4	47.22	126.5	47.65	126.0	47.85	125.5	48.05	124.7	48.46
	-9.8	-11	135.0	47.68	134.1	48.13	133.2	48.57	132.6	48.77	132.2	48.99	126.7	47.08
	-9.5	-10	138.2	48.11	137.3	48.55	136.3	48.99	135.9	49.21	135.4	49.43	126.7	45.96
	-8.5	-9.1	141.5	48.53	140.5	48.99	139.5	49.43	139.0	49.64	135.9	48.50	126.7	44.89
	-7	-7.6	147.0	49.23	145.9	49.69	144.9	50.14	140.3	48.37	135.9	46.62	126.7	43.18
	-5	-5.6	154.5	50.18	153.4	50.65	144.9	47.54	140.3	45.87	135.9	44.23	126.7	40.98
	-3	-3.7	162.0	51.12	153.9	48.36	144.9	45.16	140.3	43.59	135.9	42.03	126.7	38.97
	0	-0.7	163.0	47.55	153.9	44.58	144.9	41.68	140.3	40.24	135.9	38.83	126.7	36.03
	3	2.2	163.0	43.96	153.9	41.25	144.9	38.60	140.3	37.29	135.9	35.99	126.7	33.42
	5	4.1	163.0	41.79	153.9	39.24	144.9	36.73	140.3	35.49	135.9	34.26	126.7	31.84
	7	6	163.0	39.66	153.9	37.24	144.9	34.87	140.3	33.70	135.9	32.54	126.7	30.26
	9	7.9	163.0	37.58	153.9	35.31	144.9	33.08	140.3	31.99	135.9	30.89	126.7	28.74
	11	9.8	163.0	35.59	153.9	33.47	144.9	31.37	140.3	30.34	135.9	29.31	126.7	27.29
	13	11.8	163.0	33.60	153.9	31.60	144.9	29.65	140.3	28.68	135.9	27.72	126.7	25.83
	15	13.7	163.0	31.78	153.9	29.91	144.9	28.08	140.3	27.18	135.9	26.28	126.7	24.50

20. ARUM460LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	78.90	39.79	78.30	40.11	77.70	40.42	77.50	40.57	77.20	40.72	76.70	41.03
	-24.8	-25	91.70	42.01	91.10	42.36	90.40	42.70	90.10	42.87	89.80	43.04	89.20	43.37
	-21.8	-22	99.80	43.32	99.00	43.68	98.40	44.04	98.00	44.22	97.60	44.39	97.00	44.74
	-19.8	-20	105.3	44.20	104.6	44.57	103.8	44.94	103.4	45.13	103.2	45.31	102.4	45.66
	-18.8	-19	108.2	44.64	107.4	45.03	106.7	45.40	106.3	45.59	105.9	45.77	105.2	46.13
	-16.7	-17	114.2	45.55	113.4	45.94	112.5	46.34	112.1	46.52	111.7	46.71	111.0	47.08
	-15	-15.9	117.6	46.08	116.8	46.48	116.1	46.87	115.7	47.07	115.3	47.26	114.1	47.43
	-13.7	-15	121.2	46.61	120.4	47.02	119.6	47.42	119.2	47.62	118.8	47.82	114.1	46.02
	-11.8	-13	126.9	47.44	126.0	47.85	125.1	48.27	124.7	48.48	122.3	47.55	114.1	44.02
	-9.8	-11	133.5	48.40	132.6	48.82	130.4	48.59	126.3	46.89	122.3	45.21	114.1	41.91
	-9.5	-10	136.7	48.85	135.7	49.28	130.4	47.43	126.3	45.78	122.3	44.14	114.1	40.93
	-8.5	-9.1	139.8	49.29	138.6	49.59	130.4	46.32	126.3	44.72	122.3	43.13	114.1	39.99
	-7	-7.6	145.1	50.04	138.6	47.67	130.4	44.55	126.3	43.01	122.3	41.49	114.1	38.48
	-5	-5.6	146.7	48.21	138.6	45.22	130.4	42.27	126.3	40.82	122.3	39.38	114.1	36.55
	-3	-3.7	146.7	45.80	138.6	42.97	130.4	40.19	126.3	38.82	122.3	37.46	114.1	34.78
	0	-0.7	146.7	42.26	138.6	39.67	130.4	37.13	126.3	35.89	122.3	34.65	114.1	32.21
	3	2.2	146.7	39.13	138.6	36.76	130.4	34.45	126.3	33.31	122.3	32.17	114.1	29.93
	5	4.1	146.7	37.23	138.6	35.00	130.4	32.80	126.3	31.72	122.3	30.65	114.1	28.52
	7	6	146.7	35.34	138.6	33.24	130.4	31.17	126.3	30.15	122.3	29.13	114.1	27.13
	9	7.9	146.7	33.53	138.6	31.55	130.4	29.60	126.3	28.64	122.3	27.69	114.1	25.80
	11	9.8	146.7	31.79	138.6	29.93	130.4	28.10	126.3	27.20	122.3	26.30	114.1	24.52
	13	11.8	146.7	30.04	138.6	28.30	130.4	26.58	126.3	25.74	122.3	24.89	114.1	23.24
	15	13.7	146.7	28.45	138.6	26.82	130.4	25.21	126.3	24.41	122.3	23.63	114.1	22.07
80	-30	-30.2	78.30	40.14	77.70	40.44	77.10	40.75	76.90	40.90	76.60	41.05	76.10	41.35
	-24.8	-25	90.90	42.47	90.20	42.80	89.60	43.13	89.20	43.30	89.00	43.46	88.40	43.79
	-21.8	-22	98.70	43.85	98.00	44.20	97.30	44.55	97.00	44.72	96.70	44.88	96.10	45.22
	-19.8	-20	104.2	44.77	103.4	45.14	102.8	45.51	102.4	45.68	102.0	45.86	101.3	46.18
	-18.8	-19	107.0	45.25	106.3	45.62	105.5	45.99	105.1	46.16	104.8	46.34	101.4	45.10
	-16.7	-17	112.8	46.21	112.0	46.59	111.2	46.97	110.9	47.15	108.7	46.28	101.4	42.92
	-15	-15.9	116.2	46.78	115.5	47.17	114.6	47.54	112.3	46.59	108.7	44.93	101.4	41.63
	-13.7	-15	119.8	47.35	118.9	47.75	115.9	46.85	112.3	45.20	108.7	43.58	101.4	40.39
	-11.8	-13	125.2	48.24	123.2	47.96	115.9	44.81	112.3	43.24	108.7	41.68	101.4	38.64
	-9.8	-11	130.4	48.59	123.2	45.59	115.9	42.64	112.3	41.18	108.7	39.74	101.4	36.87
	-9.5	-10	130.4	47.43	123.2	44.50	115.9	41.63	112.3	40.22	108.7	38.81	101.4	36.04
	-8.5	-9.1	130.4	46.32	123.2	43.48	115.9	40.68	112.3	39.30	108.7	37.92	101.4	35.22
	-7	-7.6	130.4	44.55	123.2	41.82	115.9	39.14	112.3	37.82	108.7	36.51	101.4	33.93
	-5	-5.6	130.4	42.27	123.2	39.71	115.9	37.18	112.3	35.93	108.7	34.69	101.4	32.25
	-3	-3.7	130.4	40.19	123.2	37.77	115.9	35.37	112.3	34.20	108.7	33.03	101.4	30.73
	0	-0.7	130.4	37.13	123.2	34.92	115.9	32.74	112.3	31.67	108.7	30.60	101.4	28.50
	3	2.2	130.4	34.45	123.2	32.42	115.9	30.42	112.3	29.44	108.7	28.45	101.4	26.52
	5	4.1	130.4	32.80	123.2	30.88	115.9	28.99	112.3	28.06	108.7	27.12	101.4	25.29
	7	6	130.4	31.17	123.2	29.36	115.9	27.57	112.3	26.69	108.7	25.81	101.4	24.08
	9	7.9	130.4	29.60	123.2	27.89	115.9	26.21	112.3	25.38	108.7	24.56	101.4	22.93
	11	9.8	130.4	28.10	123.2	26.49	115.9	24.91	112.3	24.13	108.7	23.35	101.4	21.82
	13	11.8	130.4	26.58	123.2	25.09	115.9	23.61	112.3	22.87	108.7	22.15	101.4	20.71
	15	13.7	130.4	25.21	123.2	23.80	115.9	22.41	112.3	21.73	108.7	21.04	101.4	19.69
70	-30	-30.2	77.50	40.59	76.90	40.88	76.40	41.18	76.10	41.33	75.80	41.47	75.40	41.76

20. ARUM460LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	89.80	43.04	89.20	43.37	88.60	43.69	88.20	43.85	88.00	44.00	87.40	44.31
	-21.8	-22	97.40	44.50	96.70	44.84	96.10	45.18	95.70	45.34	95.10	45.27	88.70	42.01
	-19.8	-20	102.8	45.49	102.0	45.84	101.3	46.18	98.30	44.66	95.10	43.10	88.70	40.00
	-18.8	-19	105.5	46.00	104.7	46.36	101.4	45.10	98.30	43.57	95.10	42.05	88.70	39.04
	-16.7	-17	111.1	47.04	107.7	45.86	101.4	42.92	98.30	41.46	95.10	40.02	88.70	37.17
	-15	-15.9	114.1	47.43	107.7	44.52	101.4	41.63	98.30	40.20	95.10	38.79	88.70	36.01
	-13.7	-15	114.1	46.02	107.7	43.18	101.4	40.39	98.30	39.00	95.10	37.64	88.70	34.94
	-11.8	-13	114.1	44.02	107.7	41.30	101.4	38.64	98.30	37.32	95.10	36.02	88.70	33.45
	-9.8	-11	114.1	41.91	107.7	39.38	101.4	36.87	98.30	35.64	95.10	34.40	88.70	31.95
	-9.5	-10	114.1	40.93	107.7	38.47	101.4	36.04	98.30	34.84	95.10	33.65	88.70	31.31
	-8.5	-9.1	114.1	39.99	107.7	37.59	101.4	35.23	98.30	34.06	95.10	32.90	88.70	30.62
	-7	-7.6	114.1	38.48	107.7	36.18	101.4	33.93	98.30	32.81	95.10	31.70	88.70	29.51
	-5	-5.6	114.1	36.55	107.7	34.38	101.4	32.25	98.30	31.20	95.10	30.15	88.70	28.09
	-3	-3.7	114.1	34.78	107.7	32.75	101.4	30.73	98.30	29.73	95.10	28.74	88.70	26.79
	0	-0.7	114.1	32.21	107.7	30.34	101.4	28.50	98.30	27.58	95.10	26.68	88.70	24.89
	3	2.2	114.1	29.93	107.7	28.22	101.4	26.52	98.30	25.68	95.10	24.86	88.70	23.21
	5	4.1	114.1	28.52	107.7	26.90	101.4	25.29	98.30	24.50	95.10	23.71	88.70	22.16
	7	6	114.1	27.13	107.7	25.60	101.4	24.08	98.30	23.34	95.10	22.60	88.70	21.13
	9	7.9	114.1	25.80	107.7	24.36	101.4	22.93	98.30	22.23	95.10	21.53	88.70	20.14
	11	9.8	114.1	24.52	107.7	23.17	101.4	21.82	98.30	21.16	95.10	20.50	88.70	19.19
	13	11.8	114.1	23.24	107.7	21.96	101.4	20.71	98.30	20.09	95.10	19.47	88.70	18.24
	15	13.7	114.1	22.07	107.7	20.88	101.4	19.69	98.30	19.10	95.10	18.53	88.70	17.37
60	-30	-30.2	76.40	41.16	75.90	41.45	75.40	41.74	75.20	41.88	74.80	42.02	74.40	42.29
	-24.8	-25	88.40	43.78	87.80	44.09	87.00	44.22	84.20	42.74	81.50	41.26	76.10	38.35
	-21.8	-22	95.70	45.34	92.40	43.87	87.00	41.09	84.20	39.72	81.50	38.36	76.10	35.67
	-19.8	-20	97.80	44.43	92.40	41.77	87.00	39.13	84.20	37.84	81.50	36.55	76.10	34.00
	-18.8	-19	97.80	43.35	92.40	40.75	87.00	38.20	84.20	36.93	81.50	35.67	76.10	33.19
	-16.7	-17	97.80	41.26	92.40	38.80	87.00	36.38	84.20	35.17	81.50	33.98	76.10	31.63
	-15	-15.9	97.80	40.01	92.40	37.60	87.00	35.23	84.20	34.06	81.50	32.90	76.10	30.60
	-13.7	-15	97.80	38.81	92.40	36.48	87.00	34.19	84.20	33.05	81.50	31.93	76.10	29.71
	-11.8	-13	97.80	37.14	92.40	34.91	87.00	32.72	84.20	31.64	81.50	30.57	76.10	28.45
	-9.8	-11	97.80	35.45	92.40	33.34	87.00	31.26	84.20	30.23	81.50	29.21	76.10	27.19
	-9.5	-10	97.80	34.67	92.40	32.65	87.00	30.65	84.20	29.66	81.50	28.69	76.10	26.74
	-8.5	-9.1	97.80	33.89	92.40	31.92	87.00	29.98	84.20	29.02	81.50	28.06	76.10	26.16
	-7	-7.6	97.80	32.65	92.40	30.76	87.00	28.89	84.20	27.97	81.50	27.05	76.10	25.24
	-5	-5.6	97.80	31.05	92.40	29.27	87.00	27.50	84.20	26.64	81.50	25.76	76.10	24.06
	-3	-3.7	97.80	29.59	92.40	27.90	87.00	26.24	84.20	25.41	81.50	24.59	76.10	22.98
	0	-0.7	97.80	27.45	92.40	25.91	87.00	24.39	84.20	23.63	81.50	22.88	76.10	21.39
	3	2.2	97.80	25.57	92.40	24.15	87.00	22.75	84.20	22.06	81.50	21.36	76.10	20.00
	5	4.1	97.80	24.39	92.40	23.05	87.00	21.72	84.20	21.06	81.50	20.40	76.10	19.11
	7	6	97.80	23.23	92.40	21.97	87.00	20.71	84.20	20.09	81.50	19.47	76.10	18.25
	9	7.9	97.80	22.13	92.40	20.93	87.00	19.75	84.20	19.16	81.50	18.58	76.10	17.43
	11	9.8	97.80	21.06	92.40	19.94	87.00	18.83	84.20	18.28	81.50	17.73	76.10	16.64
	13	11.8	97.80	20.00	92.40	18.94	87.00	17.90	84.20	17.38	81.50	16.86	76.10	15.85
	15	13.7	97.80	19.03	92.40	18.03	87.00	17.05	84.20	16.57	81.50	16.08	76.10	15.12
50	-30	-30.2	75.00	41.94	74.60	42.22	72.40	41.31	70.20	39.94	67.90	38.58	63.40	35.90
	-24.8	-25	81.50	41.26	77.00	38.83	72.40	36.43	70.20	35.24	67.90	34.06	63.40	31.73

20. ARUM460LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	81.50	38.36	77.00	36.12	72.40	33.90	70.20	32.80	67.90	31.71	63.40	29.56
	-19.8	-20	81.50	36.55	77.00	34.42	72.40	32.31	70.20	31.28	67.90	30.25	63.40	28.20
	-18.8	-19	81.50	35.68	77.00	33.60	72.40	31.56	70.20	30.54	67.90	29.54	63.40	27.55
	-16.7	-17	81.50	33.98	77.00	32.02	72.40	30.08	70.20	29.13	67.90	28.17	63.40	26.28
	-15	-15.9	81.50	32.90	77.00	30.98	72.40	29.10	70.20	28.16	67.90	27.23	63.40	25.41
	-13.7	-15	81.50	31.93	77.00	30.07	72.40	28.25	70.20	27.35	67.90	26.45	63.40	24.68
	-11.8	-13	81.50	30.57	77.00	28.80	72.40	27.06	70.20	26.20	67.90	25.34	63.40	23.66
	-9.8	-11	81.50	29.21	77.00	27.53	72.40	25.88	70.20	25.06	67.90	24.24	63.40	22.63
	-9.5	-10	81.50	28.69	77.00	27.07	72.40	25.46	70.20	24.67	67.90	23.89	63.40	22.33
	-8.5	-9.1	81.50	28.06	77.00	26.48	72.40	24.93	70.20	24.15	67.90	23.38	63.40	21.86
	-7	-7.6	81.50	27.05	77.00	25.54	72.40	24.04	70.20	23.31	67.90	22.57	63.40	21.12
	-5	-5.6	81.50	25.76	77.00	24.34	72.40	22.93	70.20	22.23	67.90	21.54	63.40	20.16
	-3	-3.7	81.50	24.59	77.00	23.25	72.40	21.92	70.20	21.25	67.90	20.59	63.40	19.29
	0	-0.7	81.50	22.88	77.00	21.64	72.40	20.41	70.20	19.81	67.90	19.20	63.40	18.01
	3	2.2	81.50	21.36	77.00	20.22	72.40	19.10	70.20	18.55	67.90	17.98	63.40	16.88
	5	4.1	81.50	20.40	77.00	19.33	72.40	18.25	70.20	17.72	67.90	17.20	63.40	16.16
	7	6	81.50	19.47	77.00	18.45	72.40	17.45	70.20	16.94	67.90	16.45	63.40	15.47
	9	7.9	81.50	18.58	77.00	17.62	72.40	16.67	70.20	16.20	67.90	15.73	63.40	14.80
	11	9.8	81.50	17.73	77.00	16.82	72.40	15.92	70.20	15.48	67.90	15.04	63.40	14.16
	13	11.8	81.50	16.86	77.00	16.01	72.40	15.18	70.20	14.75	67.90	14.34	63.40	13.51
	15	13.7	81.50	16.08	77.00	15.28	72.40	14.48	70.20	14.10	67.90	13.71	63.40	12.92

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

20. ARUM460LTE6

20.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	80.60	38.89	80.00	39.22	79.30	39.55	79.00	39.71	78.70	39.87	78.10	40.20
	-24.8	-25	94.00	40.83	93.30	41.20	92.50	41.57	92.30	41.75	91.90	41.93	91.20	42.29
	-21.8	-22	102.3	41.94	101.6	42.34	100.9	42.73	100.5	42.92	100.1	43.11	99.40	43.49
	-19.8	-20	108.3	42.69	107.5	43.10	106.7	43.50	106.3	43.70	105.9	43.91	105.1	44.29
	-18.8	-19	111.3	43.06	110.4	43.48	109.6	43.89	109.2	44.09	108.8	44.30	108.1	44.70
	-16.7	-17	117.5	43.82	116.7	44.24	115.9	44.68	115.4	44.89	115.0	45.09	114.2	45.51
	-15	-15.9	121.3	44.26	120.4	44.70	119.6	45.13	119.2	45.34	118.7	45.55	117.9	45.97
	-13.7	-15	124.9	44.66	124.1	45.12	123.2	45.56	122.8	45.78	122.4	46.00	121.6	46.43
	-11.8	-13	131.2	45.36	130.2	45.82	129.3	46.28	128.8	46.51	128.4	46.73	127.5	47.17
	-9.8	-11	138.3	46.13	137.3	46.61	136.3	47.08	135.9	47.31	135.3	47.54	134.4	47.98
	-9.5	-10	141.7	46.49	140.7	46.98	139.7	47.45	139.2	47.68	138.7	47.92	137.7	48.37
	-8.5	-9.1	145.2	46.85	144.0	47.33	143.0	47.82	142.5	48.05	142.0	48.29	141.0	48.75
	-7	-7.6	150.9	47.44	149.8	47.94	148.8	48.43	148.2	48.67	147.6	48.91	146.6	49.38
	-5	-5.6	159.0	48.23	157.8	48.75	156.6	49.26	156.1	49.50	155.5	49.76	154.3	50.24
	-3	-3.7	166.9	49.00	165.7	49.54	164.5	50.06	163.9	50.31	163.3	50.57	162.1	51.05
	0	-0.7	179.9	50.24	178.7	50.79	177.3	51.33	176.6	51.59	176.0	51.85	164.8	48.14
	3	2.2	193.1	51.44	191.5	52.01	188.4	51.82	182.5	49.96	176.5	48.12	164.8	44.51
	5	4.1	200.5	51.73	188.6	48.21	176.8	44.77	170.8	43.07	164.9	41.39	152.9	38.10
	7	6	188.9	44.68	176.9	41.47	164.9	38.33	158.9	36.78	152.8	35.25	140.7	32.24
	9	7.9	176.9	38.19	164.8	35.30	152.6	32.46	146.5	31.07	140.3	29.69	128.1	26.97
	11	9.8	164.4	32.33	152.2	29.74	139.9	27.20	133.8	25.96	127.5	24.71	115.0	22.27
	13	11.8	151.6	26.99	139.2	24.70	126.7	22.45	120.5	21.34	114.2	20.24	101.6	18.07
	15	13.7	138.2	22.31	125.7	20.30	113.1	18.31	106.8	17.33	100.4	16.36	87.60	14.44
120	-30	-30.2	80.20	39.06	79.60	39.39	79.00	39.71	78.70	39.87	78.50	40.04	77.90	40.35
	-24.8	-25	93.50	41.05	92.90	41.42	92.10	41.79	91.90	41.97	91.50	42.14	90.80	42.49
	-21.8	-22	101.9	42.21	101.1	42.60	100.4	42.98	100.0	43.17	99.60	43.36	99.00	43.73
	-19.8	-20	107.7	42.98	106.9	43.39	106.1	43.78	105.7	43.98	105.4	44.17	104.6	44.55
	-18.8	-19	110.7	43.37	109.8	43.78	109.0	44.18	108.7	44.39	108.3	44.59	107.5	44.97
	-16.7	-17	116.9	44.15	116.1	44.57	115.2	45.00	114.8	45.20	114.4	45.40	113.6	45.81
	-15	-15.9	120.6	44.61	119.8	45.04	118.9	45.47	118.4	45.68	118.0	45.88	117.2	46.30
	-13.7	-15	124.2	45.04	123.3	45.49	122.5	45.93	122.1	46.15	121.6	46.35	120.8	46.78
	-11.8	-13	130.4	45.77	129.4	46.23	128.5	46.67	128.0	46.89	127.6	47.11	126.7	47.54
	-9.8	-11	137.4	46.57	136.3	47.04	135.4	47.50	134.9	47.72	134.4	47.95	133.5	48.39
	-9.5	-10	140.7	46.95	139.8	47.43	138.8	47.89	138.2	48.12	137.8	48.35	136.8	48.79
	-8.5	-9.1	144.2	47.33	143.0	47.81	142.0	48.27	141.5	48.51	141.1	48.74	140.1	49.19
	-7	-7.6	149.8	47.94	148.7	48.44	147.6	48.92	147.1	49.16	146.6	49.39	145.5	49.84
	-5	-5.6	157.6	48.79	156.5	49.30	155.4	49.79	154.9	50.04	154.3	50.27	152.2	50.24
	-3	-3.7	165.5	49.61	164.3	50.13	163.1	50.64	162.5	50.88	162.0	51.12	152.2	47.71
	0	-0.7	178.3	50.93	177.0	51.46	173.8	51.18	168.5	49.36	163.0	47.55	152.2	43.99
	3	2.2	191.1	52.20	184.7	50.67	173.8	47.29	168.5	45.61	163.0	43.96	152.2	40.72
	5	4.1	185.1	47.18	174.2	44.02	163.2	40.93	157.7	39.40	152.2	37.89	141.2	34.92
	7	6	174.4	40.80	163.3	37.91	152.2	35.10	146.6	33.70	141.1	32.33	129.9	29.61
	9	7.9	163.3	34.94	152.0	32.35	140.9	29.80	135.3	28.54	129.6	27.29	118.2	24.83
	11	9.8	151.8	29.65	140.5	27.32	129.2	25.03	123.4	23.91	117.7	22.79	106.2	20.57
	13	11.8	139.9	24.83	128.4	22.75	117.0	20.72	111.2	19.72	105.4	18.73	93.70	16.76

20. ARUM460LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	127.6	20.59	116.0	18.77	104.4	16.97	98.50	16.09	92.70	15.20	80.80	13.47
110	-30	-30.2	79.80	39.26	79.30	39.59	78.70	39.91	78.40	40.07	78.10	40.22	77.50	40.54
	-24.8	-25	93.10	41.32	92.30	41.68	91.70	42.04	91.30	42.21	91.00	42.39	90.40	42.73
	-21.8	-22	101.3	42.51	100.5	42.90	99.80	43.28	99.40	43.46	99.00	43.65	98.40	44.01
	-19.8	-20	107.1	43.32	106.3	43.72	105.5	44.11	105.1	44.30	104.8	44.49	104.0	44.87
	-18.8	-19	110.0	43.72	109.2	44.13	108.4	44.52	108.0	44.72	107.6	44.92	106.9	45.29
	-16.7	-17	116.1	44.54	115.3	44.96	114.4	45.37	114.0	45.57	113.6	45.77	112.8	46.16
	-15	-15.9	119.8	45.02	119.0	45.44	118.1	45.86	117.7	46.07	117.3	46.27	116.5	46.67
	-13.7	-15	123.4	45.48	122.5	45.91	121.7	46.35	121.2	46.56	120.8	46.76	120.0	47.18
	-11.8	-13	129.4	46.23	128.4	46.69	127.6	47.12	127.1	47.33	126.7	47.54	125.7	47.96
	-9.8	-11	136.3	47.08	135.3	47.54	134.4	47.99	133.9	48.20	133.4	48.42	132.4	48.85
	-9.5	-10	139.6	47.48	138.6	47.94	137.6	48.40	137.2	48.62	136.7	48.84	135.7	49.27
	-8.5	-9.1	142.9	47.88	141.9	48.35	140.9	48.81	140.3	49.03	139.9	49.25	138.9	49.69
	-7	-7.6	148.5	48.54	147.4	49.01	146.4	49.49	145.9	49.71	145.3	49.94	139.5	48.02
	-5	-5.6	156.2	49.43	155.1	49.93	153.9	50.40	153.4	50.64	149.5	49.23	139.5	45.54
	-3	-3.7	163.9	50.31	162.7	50.81	159.3	50.30	154.4	48.51	149.5	46.75	139.5	43.28
	0	-0.7	176.4	51.71	169.3	49.66	159.3	46.36	154.4	44.74	149.5	43.12	139.5	39.96
	3	2.2	179.2	48.97	169.3	45.89	159.3	42.88	154.4	41.39	149.5	39.92	139.5	37.03
	5	4.1	169.7	42.75	159.7	39.95	149.6	37.19	144.5	35.83	139.5	34.49	129.4	31.82
	7	6	159.8	37.03	149.7	34.47	139.5	31.95	134.4	30.71	129.3	29.47	119.0	27.05
	9	7.9	149.7	31.78	139.4	29.47	129.2	27.19	124.0	26.07	118.8	24.96	108.3	22.75
	11	9.8	139.1	27.05	128.8	24.96	118.4	22.91	113.1	21.90	107.9	20.90	97.40	18.92
	13	11.8	128.2	22.71	117.7	20.86	107.3	19.04	102.0	18.13	96.60	17.25	85.90	15.47
	15	13.7	116.9	18.90	106.4	17.27	95.70	15.65	90.30	14.86	84.90	14.06	74.00	12.50
100	-30	-30.2	79.40	39.50	78.80	39.82	78.30	40.14	77.90	40.29	77.70	40.45	77.10	40.76
	-24.8	-25	92.50	41.64	91.70	41.99	91.10	42.34	90.80	42.51	90.50	42.69	89.80	43.02
	-21.8	-22	100.6	42.88	99.80	43.26	99.20	43.63	98.80	43.80	98.40	43.98	97.80	44.35
	-19.8	-20	106.3	43.72	105.5	44.11	104.8	44.48	104.4	44.68	104.0	44.86	103.2	45.23
	-18.8	-19	109.2	44.14	108.4	44.54	107.6	44.92	107.3	45.12	106.9	45.31	106.1	45.68
	-16.7	-17	115.2	45.00	114.4	45.40	113.6	45.81	113.2	46.01	112.8	46.20	112.0	46.58
	-15	-15.9	118.8	45.51	118.0	45.92	117.1	46.32	116.7	46.52	116.3	46.72	115.5	47.11
	-13.7	-15	122.4	45.99	121.6	46.42	120.8	46.83	120.4	47.04	120.0	47.25	119.2	47.64
	-11.8	-13	128.2	46.78	127.4	47.22	126.5	47.65	126.0	47.85	125.5	48.05	124.7	48.46
	-9.8	-11	135.0	47.68	134.1	48.13	133.2	48.57	132.6	48.77	132.2	48.99	126.7	47.08
	-9.5	-10	138.2	48.11	137.3	48.55	136.3	48.99	135.9	49.21	135.4	49.43	126.7	45.96
	-8.5	-9.1	141.5	48.53	140.5	48.99	139.5	49.43	139.0	49.64	135.9	48.50	126.7	44.89
	-7	-7.6	147.0	49.23	145.9	49.69	144.9	50.14	140.3	48.37	135.9	46.62	126.7	43.18
	-5	-5.6	154.5	50.18	153.4	50.65	144.9	47.54	140.3	45.87	135.9	44.23	126.7	40.98
	-3	-3.7	162.0	51.12	153.9	48.36	144.9	45.16	140.3	43.59	135.9	42.03	126.7	38.97
	0	-0.7	163.0	47.55	153.9	44.58	144.9	41.68	140.3	40.24	135.9	38.83	126.7	36.03
	3	2.2	163.0	43.96	153.9	41.25	144.9	38.60	140.3	37.29	135.9	35.99	126.7	33.42
	5	4.1	154.3	38.47	145.1	35.99	136.0	33.55	131.5	32.35	126.9	31.15	117.7	28.79
	7	6	145.3	33.37	136.1	31.11	126.9	28.89	122.2	27.78	117.5	26.70	108.3	24.54
	9	7.9	136.1	28.72	126.7	26.67	117.3	24.66	112.7	23.66	107.9	22.67	98.50	20.72
	11	9.8	126.5	24.51	117.1	22.67	107.6	20.85	102.9	19.95	98.10	19.06	88.50	17.29
	13	11.8	116.5	20.65	107.1	19.01	97.50	17.38	92.70	16.58	87.80	15.79	78.10	14.21
	15	13.7	106.3	17.26	96.70	15.80	87.00	14.37	82.20	13.65	77.20	12.95	67.30	11.55

20. ARUM460LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	78.90	39.79	78.30	40.11	77.70	40.42	77.50	40.57	77.20	40.72	76.70	41.03
	-24.8	-25	91.70	42.01	91.10	42.36	90.40	42.70	90.10	42.87	89.80	43.04	89.20	43.37
	-21.8	-22	99.80	43.32	99.00	43.68	98.40	44.04	98.00	44.22	97.60	44.39	97.00	44.74
	-19.8	-20	105.3	44.20	104.6	44.57	103.8	44.94	103.4	45.13	103.2	45.31	102.4	45.66
	-18.8	-19	108.2	44.64	107.4	45.03	106.7	45.40	106.3	45.59	105.9	45.77	105.2	46.13
	-16.7	-17	114.2	45.55	113.4	45.94	112.5	46.34	112.1	46.52	111.7	46.71	111.0	47.08
	-15	-15.9	117.6	46.08	116.8	46.48	116.1	46.87	115.7	47.07	115.3	47.26	114.1	47.43
	-13.7	-15	121.2	46.61	120.4	47.02	119.6	47.42	119.2	47.62	118.8	47.82	114.1	46.02
	-11.8	-13	126.9	47.44	126.0	47.85	125.1	48.27	124.7	48.48	122.3	47.55	114.1	44.02
	-9.8	-11	133.5	48.40	132.6	48.82	130.4	48.59	126.3	46.89	122.3	45.21	114.1	41.91
	-9.5	-10	136.7	48.85	135.7	49.28	130.4	47.43	126.3	45.78	122.3	44.14	114.1	40.93
	-8.5	-9.1	139.8	49.29	138.6	49.59	130.4	46.32	126.3	44.72	122.3	43.13	114.1	39.99
	-7	-7.6	145.1	50.04	138.6	47.67	130.4	44.55	126.3	43.01	122.3	41.49	114.1	38.48
	-5	-5.6	146.7	48.21	138.6	45.22	130.4	42.27	126.3	40.82	122.3	39.38	114.1	36.55
	-3	-3.7	146.7	45.80	138.6	42.97	130.4	40.19	126.3	38.82	122.3	37.46	114.1	34.78
	0	-0.7	146.7	42.26	138.6	39.67	130.4	37.13	126.3	35.89	122.3	34.65	114.1	32.21
	3	2.2	146.7	39.13	138.6	36.76	130.4	34.45	126.3	33.31	122.3	32.17	114.1	29.93
	5	4.1	138.8	34.31	130.7	32.14	122.4	30.01	118.3	28.95	114.2	27.90	105.8	25.83
	7	6	130.7	29.83	122.5	27.85	114.2	25.90	110.0	24.94	105.8	23.98	97.40	22.09
	9	7.9	122.5	25.74	114.1	23.95	105.6	22.18	101.4	21.31	97.20	20.44	88.70	18.72
	11	9.8	113.8	22.04	105.4	20.42	96.80	18.82	92.60	18.04	88.30	17.25	79.70	15.69
	13	11.8	104.9	18.64	96.40	17.20	87.80	15.78	83.40	15.07	79.10	14.37	70.30	12.97
	15	13.7	95.70	15.65	87.00	14.37	78.40	13.11	74.00	12.48	69.50	11.86	60.60	10.62
80	-30	-30.2	78.30	40.14	77.70	40.44	77.10	40.75	76.90	40.90	76.60	41.05	76.10	41.35
	-24.8	-25	90.90	42.47	90.20	42.80	89.60	43.13	89.20	43.30	89.00	43.46	88.40	43.79
	-21.8	-22	98.70	43.85	98.00	44.20	97.30	44.55	97.00	44.72	96.70	44.88	96.10	45.22
	-19.8	-20	104.2	44.77	103.4	45.14	102.8	45.51	102.4	45.68	102.0	45.86	101.3	46.18
	-18.8	-19	107.0	45.25	106.3	45.62	105.5	45.99	105.1	46.16	104.8	46.34	101.4	45.10
	-16.7	-17	112.8	46.21	112.0	46.59	111.2	46.97	110.9	47.15	108.7	46.28	101.4	42.92
	-15	-15.9	116.2	46.78	115.5	47.17	114.6	47.54	112.3	46.59	108.7	44.93	101.4	41.63
	-13.7	-15	119.8	47.35	118.9	47.75	115.9	46.85	112.3	45.20	108.7	43.58	101.4	40.39
	-11.8	-13	125.2	48.24	123.2	47.96	115.9	44.81	112.3	43.24	108.7	41.68	101.4	38.64
	-9.8	-11	130.4	48.59	123.2	45.59	115.9	42.64	112.3	41.18	108.7	39.74	101.4	36.87
	-9.5	-10	130.4	47.43	123.2	44.50	115.9	41.63	112.3	40.22	108.7	38.81	101.4	36.04
	-8.5	-9.1	130.4	46.32	123.2	43.48	115.9	40.68	112.3	39.30	108.7	37.92	101.4	35.22
	-7	-7.6	130.4	44.55	123.2	41.82	115.9	39.14	112.3	37.82	108.7	36.51	101.4	33.93
	-5	-5.6	130.4	42.27	123.2	39.71	115.9	37.18	112.3	35.93	108.7	34.69	101.4	32.25
	-3	-3.7	130.4	40.19	123.2	37.77	115.9	35.37	112.3	34.20	108.7	33.03	101.4	30.73
	0	-0.7	130.4	37.13	123.2	34.92	115.9	32.74	112.3	31.67	108.7	30.60	101.4	28.50
	3	2.2	130.4	34.45	123.2	32.42	115.9	30.42	112.3	29.44	108.7	28.45	101.4	26.52
	5	4.1	123.4	30.27	116.1	28.41	108.8	26.56	105.2	25.65	101.4	24.75	94.10	22.97
	7	6	116.3	26.38	108.9	24.68	101.4	23.00	97.80	22.17	94.10	21.35	86.60	19.71
	9	7.9	108.9	22.84	101.4	21.30	93.90	19.77	90.10	19.01	86.40	18.26	78.80	16.77
	11	9.8	101.2	19.63	93.70	18.24	86.10	16.85	82.30	16.17	78.40	15.49	70.80	14.14
	13	11.8	93.30	16.68	85.70	15.43	78.00	14.19	74.20	13.58	70.30	12.97	62.50	11.77
	15	13.7	85.10	14.08	77.40	12.97	69.60	11.87	65.70	11.32	61.80	10.78	53.90	9.70
70	-30	-30.2	77.50	40.59	76.90	40.88	76.40	41.18	76.10	41.33	75.80	41.47	75.40	41.76

20. ARUM460LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	89.80	43.04	89.20	43.37	88.60	43.69	88.20	43.85	88.00	44.00	87.40	44.31
	-21.8	-22	97.40	44.50	96.70	44.84	96.10	45.18	95.70	45.34	95.10	45.27	88.70	42.01
	-19.8	-20	102.8	45.49	102.0	45.84	101.3	46.18	98.30	44.66	95.10	43.10	88.70	40.00
	-18.8	-19	105.5	46.00	104.7	46.36	101.4	45.10	98.30	43.57	95.10	42.05	88.70	39.04
	-16.7	-17	111.1	47.04	107.7	45.86	101.4	42.92	98.30	41.46	95.10	40.02	88.70	37.17
	-15	-15.9	114.1	47.43	107.7	44.52	101.4	41.63	98.30	40.20	95.10	38.79	88.70	36.01
	-13.7	-15	114.1	46.02	107.7	43.18	101.4	40.39	98.30	39.00	95.10	37.64	88.70	34.94
	-11.8	-13	114.1	44.02	107.7	41.30	101.4	38.64	98.30	37.32	95.10	36.02	88.70	33.45
	-9.8	-11	114.1	41.91	107.7	39.38	101.4	36.87	98.30	35.64	95.10	34.40	88.70	31.95
	-9.5	-10	114.1	40.93	107.7	38.47	101.4	36.04	98.30	34.84	95.10	33.65	88.70	31.31
	-8.5	-9.1	114.1	39.99	107.7	37.59	101.4	35.23	98.30	34.06	95.10	32.90	88.70	30.62
	-7	-7.6	114.1	38.48	107.7	36.18	101.4	33.93	98.30	32.81	95.10	31.70	88.70	29.51
	-5	-5.6	114.1	36.55	107.7	34.38	101.4	32.25	98.30	31.20	95.10	30.15	88.70	28.09
	-3	-3.7	114.1	34.78	107.7	32.75	101.4	30.73	98.30	29.73	95.10	28.74	88.70	26.79
	0	-0.7	114.1	32.21	107.7	30.34	101.4	28.50	98.30	27.58	95.10	26.68	88.70	24.89
	3	2.2	114.1	29.93	107.7	28.22	101.4	26.52	98.30	25.68	95.10	24.86	88.70	23.21
	5	4.1	108.0	26.37	101.6	24.79	95.20	23.23	92.00	22.45	88.80	21.68	82.40	20.16
	7	6	101.7	23.05	95.30	21.61	88.80	20.19	85.50	19.48	82.30	18.78	75.70	17.38
	9	7.9	95.20	20.04	88.70	18.72	82.20	17.42	78.90	16.78	75.60	16.15	69.00	14.87
	11	9.8	88.50	17.29	82.00	16.11	75.30	14.93	72.00	14.35	68.60	13.77	61.90	12.62
	13	11.8	81.60	14.77	74.90	13.71	68.20	12.66	64.90	12.13	61.50	11.61	54.60	10.57
	15	13.7	74.40	12.55	67.70	11.60	60.90	10.67	57.50	10.19	54.10	9.73	47.10	8.81
60	-30	-30.2	76.40	41.16	75.90	41.45	75.40	41.74	75.20	41.88	74.80	42.02	74.40	42.29
	-24.8	-25	88.40	43.78	87.80	44.09	87.00	44.22	84.20	42.74	81.50	41.26	76.10	38.35
	-21.8	-22	95.70	45.34	92.40	43.87	87.00	41.09	84.20	39.72	81.50	38.36	76.10	35.67
	-19.8	-20	97.80	44.43	92.40	41.77	87.00	39.13	84.20	37.84	81.50	36.55	76.10	34.00
	-18.8	-19	97.80	43.35	92.40	40.75	87.00	38.20	84.20	36.93	81.50	35.67	76.10	33.19
	-16.7	-17	97.80	41.26	92.40	38.80	87.00	36.38	84.20	35.17	81.50	33.98	76.10	31.63
	-15	-15.9	97.80	40.01	92.40	37.60	87.00	35.23	84.20	34.06	81.50	32.90	76.10	30.60
	-13.7	-15	97.80	38.81	92.40	36.48	87.00	34.19	84.20	33.05	81.50	31.93	76.10	29.71
	-11.8	-13	97.80	37.14	92.40	34.91	87.00	32.72	84.20	31.64	81.50	30.57	76.10	28.45
	-9.8	-11	97.80	35.45	92.40	33.34	87.00	31.26	84.20	30.23	81.50	29.21	76.10	27.19
	-9.5	-10	97.80	34.67	92.40	32.65	87.00	30.65	84.20	29.66	81.50	28.69	76.10	26.74
	-8.5	-9.1	97.80	33.89	92.40	31.92	87.00	29.98	84.20	29.02	81.50	28.06	76.10	26.16
	-7	-7.6	97.80	32.65	92.40	30.76	87.00	28.89	84.20	27.97	81.50	27.05	76.10	25.24
	-5	-5.6	97.80	31.05	92.40	29.27	87.00	27.50	84.20	26.64	81.50	25.76	76.10	24.06
	-3	-3.7	97.80	29.59	92.40	27.90	87.00	26.24	84.20	25.41	81.50	24.59	76.10	22.98
	0	-0.7	97.80	27.45	92.40	25.91	87.00	24.39	84.20	23.63	81.50	22.88	76.10	21.39
	3	2.2	97.80	25.57	92.40	24.15	87.00	22.75	84.20	22.06	81.50	21.36	76.10	20.00
	5	4.1	92.60	22.58	87.10	21.29	81.60	19.98	78.80	19.34	76.10	18.70	70.60	17.44
	7	6	87.20	19.84	81.70	18.64	76.10	17.45	73.40	16.87	70.50	16.28	65.00	15.13
	9	7.9	81.60	17.32	76.10	16.23	70.40	15.15	67.60	14.61	64.80	14.08	59.10	13.02
	11	9.8	75.90	15.03	70.20	14.05	64.60	13.06	61.70	12.58	58.80	12.10	53.10	11.12
	13	11.8	69.90	12.92	64.20	12.04	58.50	11.15	55.60	10.72	52.70	10.29	46.80	9.41
	15	13.7	63.80	11.06	58.00	10.26	52.20	9.49	49.30	9.09	46.40	8.70	40.40	7.92
50	-30	-30.2	75.00	41.94	74.60	42.22	72.40	41.31	70.20	39.94	67.90	38.58	63.40	35.90
	-24.8	-25	81.50	41.26	77.00	38.83	72.40	36.43	70.20	35.24	67.90	34.06	63.40	31.73

20. ARUM460LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	81.50	38.36	77.00	36.12	72.40	33.90	70.20	32.80	67.90	31.71	63.40	29.56
	-19.8	-20	81.50	36.55	77.00	34.42	72.40	32.31	70.20	31.28	67.90	30.25	63.40	28.20
	-18.8	-19	81.50	35.68	77.00	33.60	72.40	31.56	70.20	30.54	67.90	29.54	63.40	27.55
	-16.7	-17	81.50	33.98	77.00	32.02	72.40	30.08	70.20	29.13	67.90	28.17	63.40	26.28
	-15	-15.9	81.50	32.90	77.00	30.98	72.40	29.10	70.20	28.16	67.90	27.23	63.40	25.41
	-13.7	-15	81.50	31.93	77.00	30.07	72.40	28.25	70.20	27.35	67.90	26.45	63.40	24.68
	-11.8	-13	81.50	30.57	77.00	28.80	72.40	27.06	70.20	26.20	67.90	25.34	63.40	23.66
	-9.8	-11	81.50	29.21	77.00	27.53	72.40	25.88	70.20	25.06	67.90	24.24	63.40	22.63
	-9.5	-10	81.50	28.69	77.00	27.07	72.40	25.46	70.20	24.67	67.90	23.89	63.40	22.33
	-8.5	-9.1	81.50	28.06	77.00	26.48	72.40	24.93	70.20	24.15	67.90	23.38	63.40	21.86
	-7	-7.6	81.50	27.05	77.00	25.54	72.40	24.04	70.20	23.31	67.90	22.57	63.40	21.12
	-5	-5.6	81.50	25.76	77.00	24.34	72.40	22.93	70.20	22.23	67.90	21.54	63.40	20.16
	-3	-3.7	81.50	24.59	77.00	23.25	72.40	21.92	70.20	21.25	67.90	20.59	63.40	19.29
	0	-0.7	81.50	22.88	77.00	21.64	72.40	20.41	70.20	19.81	67.90	19.20	63.40	18.01
	3	2.2	81.50	21.36	77.00	20.22	72.40	19.10	70.20	18.55	67.90	17.98	63.40	16.88
	5	4.1	77.10	18.95	72.60	17.90	68.00	16.86	65.70	16.34	63.40	15.83	58.80	14.81
	7	6	72.60	16.72	68.00	15.76	63.40	14.81	61.10	14.33	58.80	13.87	54.10	12.92
	9	7.9	68.00	14.69	63.40	13.81	58.70	12.94	56.30	12.50	54.00	12.07	49.30	11.22
	11	9.8	63.20	12.83	58.50	12.03	53.80	11.25	51.40	10.86	49.10	10.46	44.30	9.68
	13	11.8	58.30	11.12	53.50	10.41	48.70	9.69	46.40	9.34	43.90	8.99	39.10	8.28
	15	13.7	53.10	9.61	48.30	8.97	43.50	8.33	41.00	8.01	38.60	7.70	33.70	7.06

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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20.5 Capacity Correction Factor

20.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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20.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

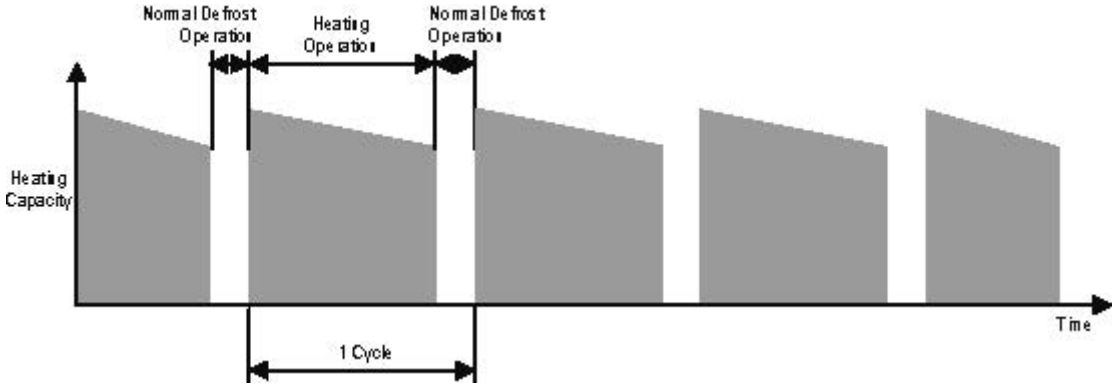
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

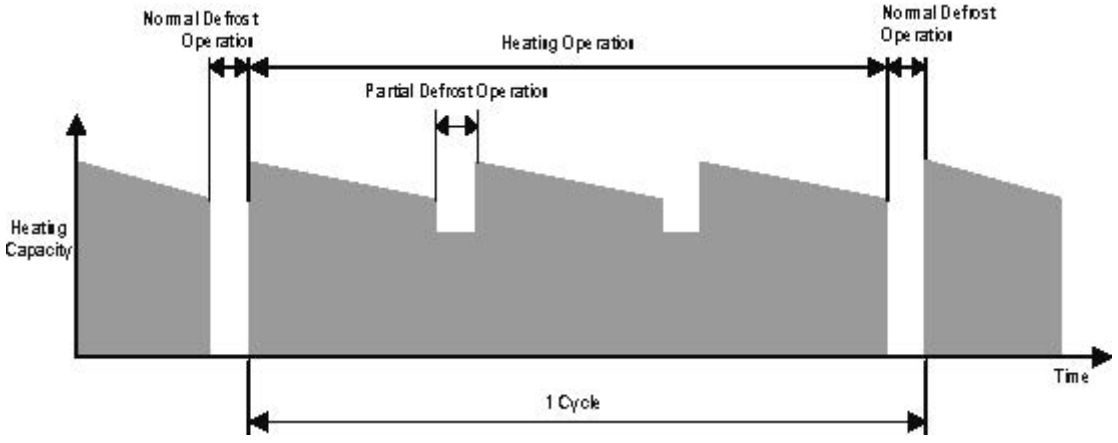
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

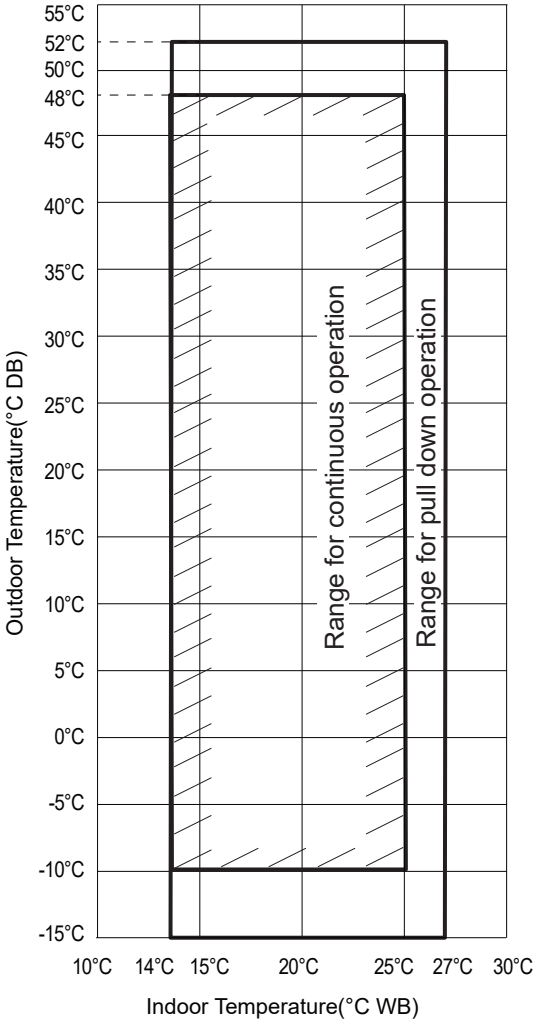


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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20.6 Operation Limits

20.6.1 Cooling

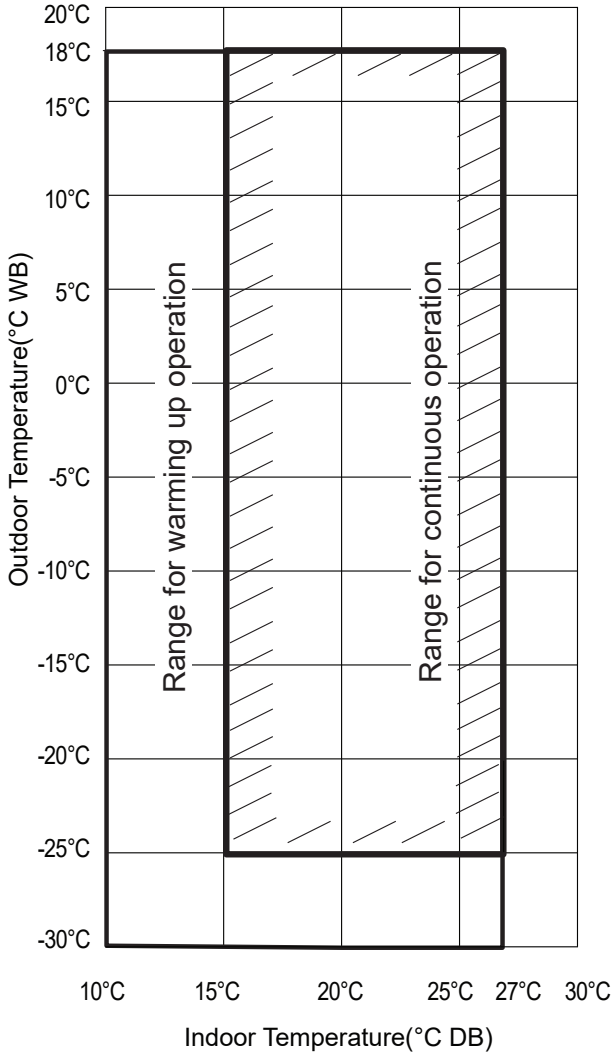


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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20.6.2 Heating

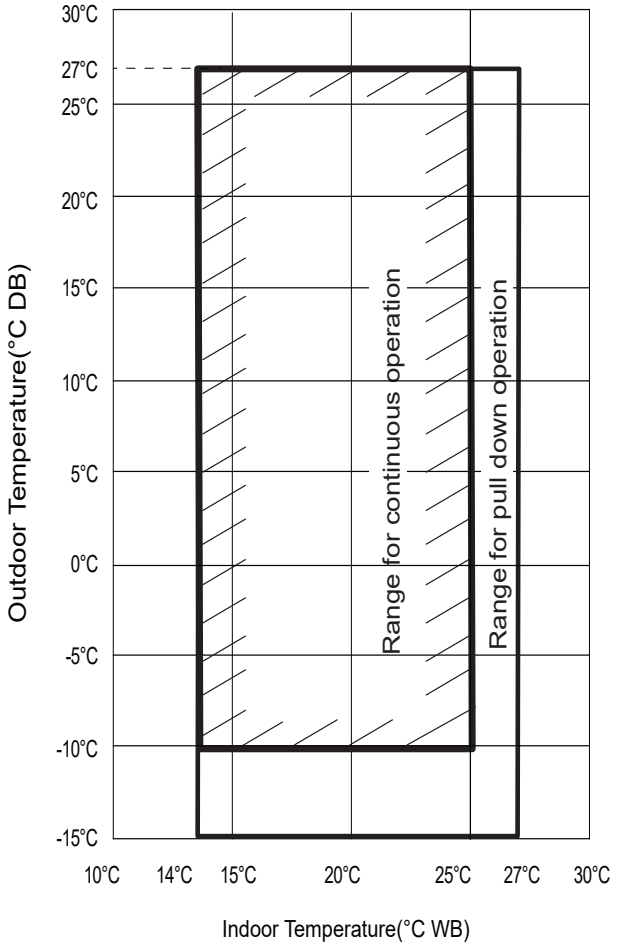


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

20. ARUM460LTE6

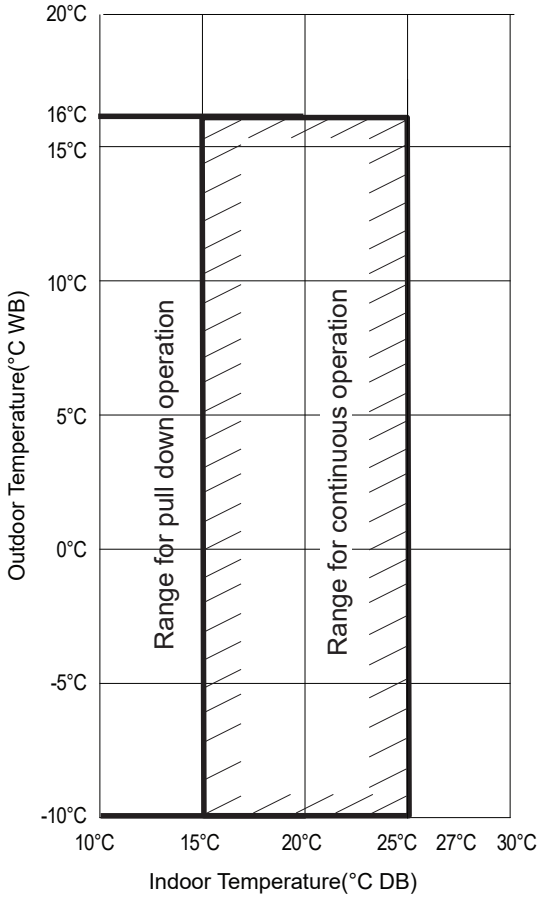
20.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

20.6.4 Simultaneous Operation (Heating)



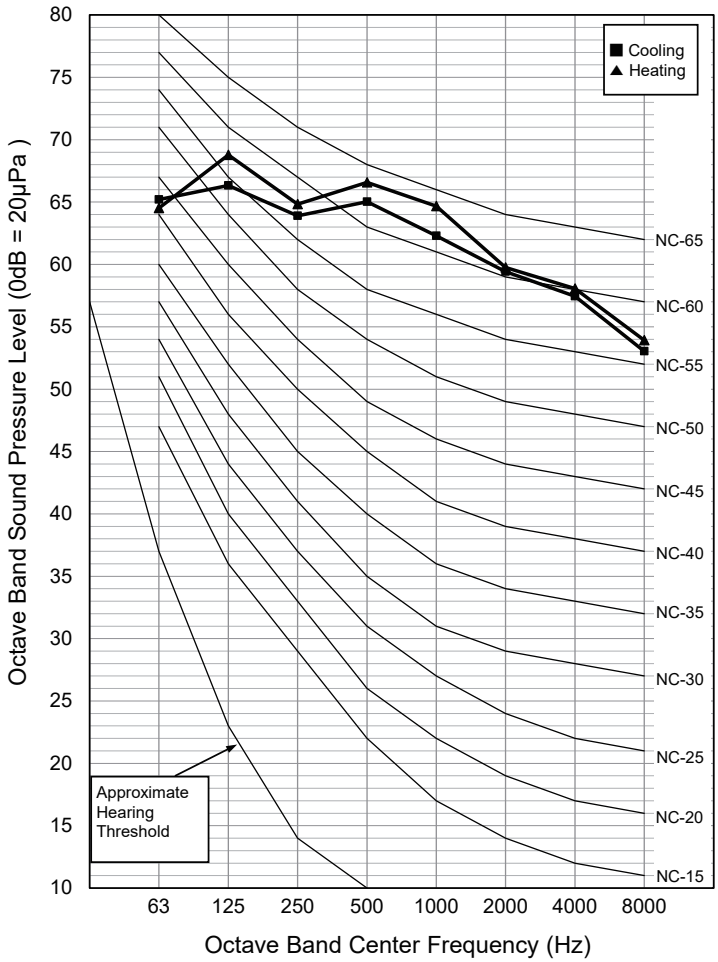
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

20. ARUM460LTE6

20.7 Sound Levels

20.7.1 Pressure Levels



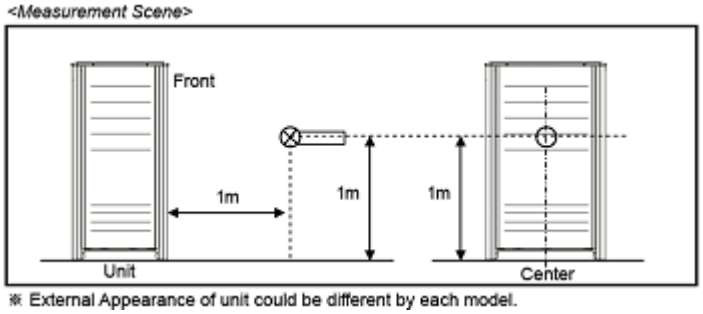
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	65.2	66.3	63.9	65.0	62.3	59.4	57.4	53.0
Heating[dB]	64.5	68.8	64.8	66.6	64.7	59.8	58.1	53.9

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	67.5 / 69.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

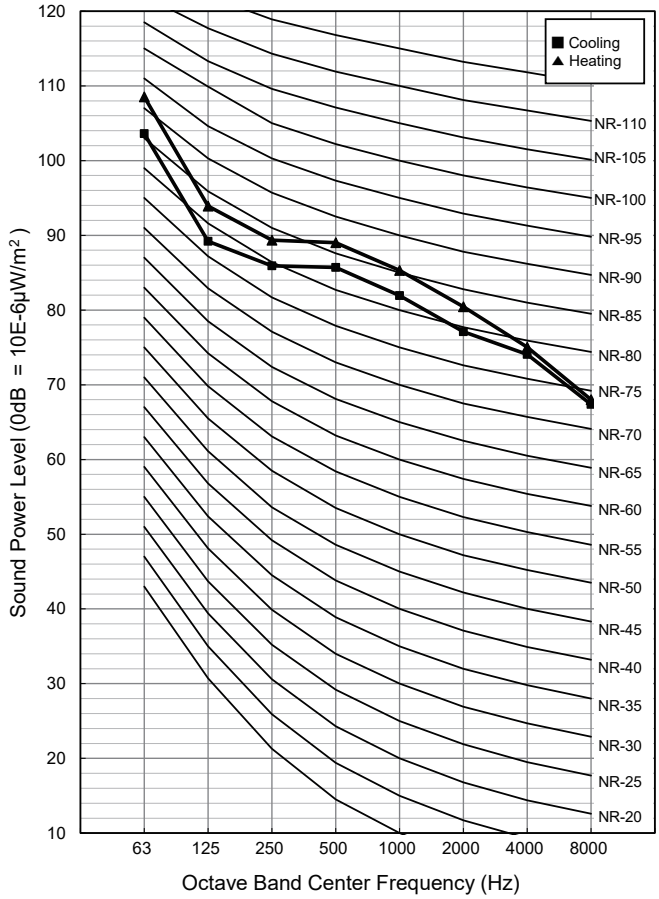
<Measurement Scene>



※ External Appearance of unit could be different by each model.

20. ARUM460LTE6

20.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	103.6	89.2	85.9	85.7	81.9	77.1	74.0	67.4
Heating[dB]	108.5	93.9	89.4	89.0	85.3	80.4	75.0	68.0

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	87.5 / 91.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

21. ARUM480LTE6

21.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	-
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	85.44 - 81.17 - 78.24
	Running Current by Voltage (Heating,Rated)	A	60.81 - 57.77 - 55.68
Cooling Capacity	Rated	kW	134.4
		Btu/h	458,600
Heating Capacity	Rated	kW	134.4
		Btu/h	458,600
	Max	kW	151.2
		Btu/h	515,900
Power Input(Cooling)	Rated	kW	52.30
Power Input(Heating)	Rated	kW	37.22
Efficiency	EER(Rated)	W/W	2.57
	COP(Rated)	W/W	3.61
	SEER	Wh/Wh	6.91
	SCOP	Wh/Wh	4.31
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m^3/min x No.	(430 x 1) + (430 x 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 x 4
	Number of Revolution	rev./min	3,600 x 4
	Motor Output	W x No.	5,300 x 4
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,640 x 1,745 x 760) x 2
	Shipping(W x H x D)	mm	(1,675 x 1,919 x 802) x 2
Weight	Net	kg	(362 x 1) + (362 x 1)
	Shipping	kg	(372 x 1) + (372 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

21. ARUM480LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	32.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	66.800
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	68.0 / 69.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	88.0 / 91.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	107.1
	Maximum Fuse Amperes (MFA)	A	125
	Total Over Current Amperes (TOCA)	A	120.0
	Comp_Maximum Starting Current (MSC)	A	23.6
	Comp_Rated Load Amperes (Cooling)	A	75.4
	Comp_Rated Load Amperes (Heating)	A	50.8
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

21. ARUM480LTE6

21.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

21. ARUM480LTE6

21.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

21. ARUM480LTE6

21.4 Capacity Tables

21.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	105.0	12.76	132.6	18.20	162.2	27.14	174.6	32.08	188.6	37.34	200.6	41.92	210.0	45.66
	12	105.0	14.02	132.6	20.12	162.2	29.88	174.6	35.16	188.6	40.40	200.6	45.06	210.0	48.76
	14	105.0	15.40	132.6	22.24	162.2	32.86	174.6	38.36	188.6	43.72	200.6	48.44	210.0	52.14
	16	105.0	16.96	132.6	24.58	162.2	36.12	174.6	41.76	188.6	47.30	200.6	52.10	210.0	55.80
	18	105.0	18.68	132.6	27.12	162.2	39.68	174.6	45.42	188.6	51.16	200.6	55.88	210.0	58.76
	20	105.0	20.56	132.6	29.92	162.2	43.56	174.6	49.38	188.6	54.24	200.6	58.12	210.0	60.90
	21	105.0	21.58	132.6	31.40	162.2	45.66	174.6	50.62	188.6	55.46	200.6	59.32	210.0	62.06
	23	105.0	23.78	132.6	34.60	162.2	48.52	174.6	53.16	188.6	58.04	200.6	61.90	210.0	64.56
	25	105.0	26.18	132.6	37.24	162.2	51.28	174.6	55.88	188.6	60.84	200.6	64.72	210.0	67.36
	27	105.0	28.36	132.6	39.66	162.2	54.06	174.6	58.78	188.6	63.88	200.6	67.86	210.0	70.54
	29	105.0	30.24	132.6	42.24	162.2	57.02	174.6	61.92	188.6	67.22	200.6	71.40	208.2	73.66
	31	105.0	32.24	132.6	45.02	162.2	60.20	174.6	65.34	188.6	70.96	200.6	75.42	205.4	76.86
	33	105.0	34.38	132.6	48.00	162.2	63.62	174.6	69.10	188.6	75.18	198.2	79.14	198.2	79.14
	35	105.0	36.66	132.6	51.22	162.2	67.36	174.6	73.28	185.8	78.66	185.6	78.60	185.8	78.62
	37	105.0	39.10	132.6	54.70	162.2	71.50	173.4	77.36	173.2	77.30	173.2	77.28	173.2	77.34
	39	105.0	41.70	132.6	58.52	161.0	75.48	161.0	75.50	161.0	75.46	160.8	75.40	160.8	75.40
	41	105.0	44.48	132.6	62.74	149.2	73.32	149.0	73.28	149.0	73.24	148.8	73.24	149.0	73.26
	43	105.0	47.48	132.6	67.44	137.4	70.78	137.2	70.76	137.2	70.70	137.2	70.78	137.2	70.76
	46	105.0	52.46	121.0	64.80	120.6	64.64	120.8	64.68	120.6	64.58	120.6	64.62	120.6	64.62
	48	105.0	56.14	110.2	60.36	110.2	60.38	110.2	60.30	110.0	60.26	110.2	60.36	110.0	60.28
	50	100.4	56.52	100.4	56.46	100.2	56.50	100.2	56.38	100.2	56.46	100.0	56.34	100.2	56.44
	52	89.60	49.82	90.80	47.12	90.80	44.38	90.60	43.80	90.80	43.20	90.80	42.68	90.80	42.32
120	10	96.80	11.60	122.4	15.90	149.6	22.94	161.2	26.80	174.2	31.88	185.2	36.06	193.8	39.28
	12	96.80	12.68	122.4	17.58	149.6	25.32	161.2	29.50	174.2	34.94	185.2	39.10	193.8	42.40
	14	96.80	13.88	122.4	19.40	149.6	27.94	161.2	32.46	174.2	38.18	185.2	42.38	193.8	45.74
	16	96.80	15.22	122.4	21.44	149.6	30.78	161.2	35.68	174.2	41.58	185.2	45.92	193.8	49.38
	18	96.80	16.70	122.4	23.66	149.6	33.90	161.2	39.20	174.2	45.22	185.2	49.74	193.8	53.30
	20	96.80	18.36	122.4	26.10	149.6	37.32	161.2	43.06	174.2	49.18	185.2	53.06	193.8	55.96
	21	96.80	19.26	122.4	27.42	149.6	39.14	161.2	45.12	174.2	50.44	185.2	54.28	193.8	57.16
	23	96.80	21.18	122.4	30.22	149.6	42.44	161.2	48.04	174.2	53.00	185.2	56.86	193.8	59.74
	25	96.80	23.30	122.4	33.02	149.6	45.12	161.2	50.92	174.2	55.70	185.2	59.64	193.8	62.56
	27	96.80	25.52	122.4	35.18	149.6	48.02	161.2	53.68	174.2	58.60	185.2	62.66	193.8	65.66
	29	96.80	27.20	122.4	37.50	149.6	51.14	161.2	56.64	174.2	61.74	185.2	65.94	193.8	69.08
	31	96.80	29.00	122.4	39.96	149.6	54.50	161.2	59.80	174.2	65.14	185.2	69.60	193.8	72.94
	33	96.80	30.92	122.4	42.60	149.6	58.14	161.2	63.20	174.2	68.90	185.2	73.68	193.8	77.36
	35	96.80	32.98	122.4	45.44	149.6	61.52	161.2	66.92	174.2	73.06	185.2	78.36	185.8	78.62
	37	96.80	35.18	122.4	48.48	149.6	65.20	161.2	71.00	173.4	77.30	173.2	77.30	173.2	77.32
	39	96.80	37.50	122.4	51.78	149.6	69.20	161.0	75.48	161.0	75.52	161.0	75.50	161.0	75.52
	41	96.80	40.00	122.4	55.36	149.2	73.28	149.0	73.22	149.0	73.26	149.0	73.30	149.0	73.28
	43	96.80	42.68	122.4	59.28	137.4	70.78	137.2	70.74	137.4	70.78	137.2	70.80	137.2	70.74
	46	96.80	47.06	120.8	64.74	120.8	64.64	120.8	64.64	120.8	64.70	120.6	64.66	120.6	64.60
	48	96.80	50.28	110.4	60.40	110.2	60.34	110.2	60.40	110.2	60.32	110.0	60.24	110.2	60.38
	50	96.80	53.76	100.4	56.44	100.2	56.36	100.2	56.36	100.2	56.36	100.2	56.48	100.2	56.44
	52	89.20	50.74	90.40	48.26	90.80	45.50	90.80	44.94	90.60	44.32	90.80	43.90	90.80	43.68
110	10	88.80	10.58	112.2	13.96	137.2	19.38	147.8	22.34	159.6	26.24	169.8	30.06	177.8	33.36
	12	88.80	11.50	112.2	15.36	137.2	21.44	147.8	24.68	159.6	28.90	169.8	33.00	177.8	36.32
	14	88.80	12.52	112.2	16.94	137.2	23.68	147.8	27.24	159.6	31.80	169.8	36.22	177.8	39.50

21. ARUM480LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	88.80	13.68	112.2	18.68	137.2	26.14	147.8	30.04	159.6	34.98	169.8	39.72	177.8	42.94
	18	88.80	14.96	112.2	20.60	137.2	28.86	147.8	33.08	159.6	38.46	169.8	43.46	177.8	46.66
	20	88.80	16.40	112.2	22.72	137.2	31.80	147.8	36.42	159.6	42.24	169.8	47.32	177.8	50.46
	21	88.80	17.16	112.2	23.86	137.2	33.38	147.8	38.22	159.6	44.28	169.8	48.90	177.8	51.68
	23	88.80	18.84	112.2	26.28	137.2	36.76	147.8	41.56	159.6	47.26	169.8	51.42	177.8	54.24
	25	88.80	20.70	112.2	28.96	137.2	39.28	147.8	44.20	159.6	50.22	169.8	54.10	177.8	56.98
	27	88.80	22.74	112.2	31.06	137.2	41.84	147.8	47.04	159.6	53.08	169.8	56.96	177.8	59.92
	29	88.80	24.36	112.2	33.12	137.2	44.56	147.8	50.08	159.6	56.02	169.8	60.02	177.8	63.10
	31	88.80	25.98	112.2	35.30	137.2	47.48	147.8	53.38	159.6	59.14	169.8	63.34	177.8	66.58
	33	88.80	27.70	112.2	37.64	137.2	50.64	147.8	56.98	159.6	62.52	169.8	66.96	177.8	70.44
	35	88.80	29.54	112.2	40.14	137.2	54.04	147.8	60.64	159.6	66.18	169.8	70.96	177.8	74.74
	37	88.80	31.50	112.2	42.80	137.2	57.78	147.8	64.24	159.6	70.22	169.8	75.44	173.4	77.32
	39	88.80	33.60	112.2	45.66	137.2	61.88	147.8	68.18	159.6	74.68	161.0	75.42	161.0	75.48
	41	88.80	35.84	112.2	48.76	137.2	66.46	147.8	72.50	149.0	73.24	148.8	73.20	149.0	73.22
	43	88.80	38.22	112.2	52.10	137.2	70.66	137.4	70.78	137.2	70.72	137.4	70.84	137.4	70.82
	46	88.80	42.12	112.2	57.68	120.8	64.68	120.8	64.66	120.6	64.58	120.6	64.58	120.6	64.60
	48	88.80	44.94	110.4	60.44	110.2	60.36	110.2	60.36	110.2	60.30	110.0	60.28	110.0	60.24
	50	88.80	48.00	100.4	56.54	100.2	56.40	100.2	56.44	100.2	56.36	100.2	56.42	100.2	56.46
	52	88.80	51.28	89.80	49.44	91.00	46.90	90.80	46.34	90.80	45.74	90.80	45.20	90.80	44.56
100	10	80.80	9.74	102.0	12.30	124.8	16.42	134.4	18.66	145.2	21.56	154.4	24.42	161.6	26.92
	12	80.80	10.50	102.0	13.50	124.8	18.14	134.4	20.62	145.2	23.84	154.4	26.94	161.6	29.62
	14	80.80	11.36	102.0	14.82	124.8	20.04	134.4	22.80	145.2	26.30	154.4	29.68	161.6	32.60
	16	80.80	12.32	102.0	16.28	124.8	22.14	134.4	25.18	145.2	29.02	154.4	32.68	161.6	35.82
	18	80.80	13.40	102.0	17.92	124.8	24.44	134.4	27.78	145.2	31.98	154.4	35.98	161.6	39.36
	20	80.80	14.62	102.0	19.72	124.8	26.96	134.4	30.64	145.2	35.22	154.4	39.56	161.6	43.24
	21	80.80	15.28	102.0	20.68	124.8	28.32	134.4	32.16	145.2	36.96	154.4	41.48	161.6	45.32
	23	80.80	16.72	102.0	22.78	124.8	31.22	134.4	35.42	145.2	40.36	154.4	44.64	161.6	48.22
	25	80.80	18.32	102.0	25.08	124.8	33.98	134.4	38.02	145.2	42.94	154.4	47.46	161.6	51.04
	27	80.80	20.10	102.0	27.26	124.8	36.20	134.4	40.48	145.2	45.70	154.4	50.48	161.6	53.82
	29	80.80	21.74	102.0	29.08	124.8	38.58	134.4	43.12	145.2	48.66	154.4	53.76	161.6	56.76
	31	80.80	23.16	102.0	31.00	124.8	41.12	134.4	45.96	145.2	51.86	154.4	56.92	161.6	59.94
	33	80.80	24.68	102.0	33.06	124.8	43.84	134.4	49.00	145.2	55.34	154.4	60.18	161.6	63.36
	35	80.80	26.32	102.0	35.26	124.8	46.76	134.4	52.30	145.2	59.14	154.4	63.70	161.6	67.08
	37	80.80	28.08	102.0	37.60	124.8	49.90	134.4	55.88	145.2	62.94	154.4	67.52	161.6	71.18
	39	80.80	29.94	102.0	40.10	124.8	53.30	134.4	59.80	145.2	66.76	154.4	71.74	161.0	75.48
	41	80.80	31.94	102.0	42.78	124.8	57.02	134.4	64.16	145.2	70.96	149.2	73.32	149.0	73.22
	43	80.80	34.06	102.0	45.64	124.8	61.12	134.4	68.92	137.4	70.80	137.2	70.74	137.2	70.74
	46	80.80	37.54	102.0	50.38	120.8	64.70	120.8	64.64	120.6	64.56	120.6	64.56	120.6	64.60
	48	80.80	40.04	102.0	53.88	110.4	60.38	110.2	60.36	110.2	60.30	110.2	60.28	110.2	60.28
	50	80.80	42.72	100.6	56.54	100.4	56.48	100.2	56.38	100.4	56.52	100.4	56.50	100.2	56.48
	52	80.80	45.60	89.60	50.16	90.40	48.26	90.80	47.48	90.80	46.62	90.80	45.80	90.80	45.18
90	10	72.60	9.02	91.80	10.94	112.2	13.98	121.0	15.62	130.6	17.74	139.0	19.82	145.4	21.64
	12	72.60	9.64	91.80	11.90	112.2	15.40	121.0	17.24	130.6	19.62	139.0	21.92	145.4	23.90
	14	72.60	10.34	91.80	13.00	112.2	16.96	121.0	19.04	130.6	21.68	139.0	24.22	145.4	26.40
	16	72.60	11.14	91.80	14.22	112.2	18.72	121.0	21.02	130.6	23.96	139.0	26.74	145.4	29.12
	18	72.60	12.04	91.80	15.58	112.2	20.64	121.0	23.22	130.6	26.44	139.0	29.50	145.4	32.08
	20	72.60	13.06	91.80	17.08	112.2	22.76	121.0	25.60	130.6	29.16	139.0	32.52	145.4	35.34
	21	72.60	13.62	91.80	17.90	112.2	23.90	121.0	26.90	130.6	30.62	139.0	34.12	145.4	37.08
	23	72.60	14.82	91.80	19.66	112.2	26.34	121.0	29.64	130.6	33.74	139.0	37.58	145.4	40.48
	25	72.60	16.18	91.80	21.62	112.2	29.02	121.0	32.46	130.6	36.42	139.0	40.06	145.4	43.06
	27	72.60	17.70	91.80	23.76	112.2	31.12	121.0	34.58	130.6	38.80	139.0	42.64	145.4	45.82

21. ARUM480LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	72.60	19.30	91.80	25.38	112.2	33.16	121.0	36.86	130.6	41.34	139.0	45.42	145.4	48.80
	31	72.60	20.54	91.80	27.06	112.2	35.36	121.0	39.30	130.6	44.04	139.0	48.40	145.4	52.00
	33	72.60	21.88	91.80	28.84	112.2	37.70	121.0	41.88	130.6	46.96	139.0	51.60	145.4	55.48
	35	72.60	23.32	91.80	30.76	112.2	40.20	121.0	44.66	130.6	50.10	139.0	55.10	145.4	59.30
	37	72.60	24.86	91.80	32.80	112.2	42.88	121.0	47.66	130.6	53.50	139.0	58.92	145.4	63.06
	39	72.60	26.52	91.80	34.98	112.2	45.74	121.0	50.88	130.6	57.22	139.0	63.14	145.4	66.90
	41	72.60	28.30	91.80	37.32	112.2	48.84	121.0	54.40	130.6	61.30	139.0	67.42	145.4	71.10
	43	72.60	30.20	91.80	39.80	112.2	52.18	121.0	58.22	130.6	65.82	137.4	70.80	137.4	70.80
	46	72.60	33.28	91.80	43.86	112.2	57.78	120.8	64.66	120.8	64.70	120.8	64.66	120.8	64.70
	48	72.60	35.50	91.80	46.84	110.6	60.52	110.4	60.46	110.4	60.40	110.2	60.38	110.2	60.40
	50	72.60	37.88	91.80	50.02	100.4	56.48	100.4	56.46	100.2	56.40	100.2	56.38	100.4	56.52
	52	72.60	40.42	89.00	51.08	90.00	49.08	90.40	48.28	91.00	47.42	91.00	46.60	90.80	45.94
80	10	64.60	8.04	81.60	9.82	99.80	12.00	107.4	13.16	116.2	14.68	123.4	16.14	129.2	17.42
	12	64.60	8.90	81.60	10.58	99.80	13.14	107.4	14.48	116.2	16.18	123.4	17.84	129.2	19.26
	14	64.60	9.46	81.60	11.46	99.80	14.40	107.4	15.92	116.2	17.86	123.4	19.70	129.2	21.28
	16	64.60	10.10	81.60	12.44	99.80	15.82	107.4	17.54	116.2	19.72	123.4	21.76	129.2	23.52
	18	64.60	10.84	81.60	13.56	99.80	17.40	107.4	19.32	116.2	21.74	123.4	24.02	129.2	25.96
	20	64.60	11.68	81.60	14.80	99.80	19.14	107.4	21.30	116.2	23.98	123.4	26.52	129.2	28.64
	21	64.60	12.14	81.60	15.46	99.80	20.06	107.4	22.36	116.2	25.20	123.4	27.84	129.2	30.06
	23	64.60	13.14	81.60	16.92	99.80	22.08	107.4	24.64	116.2	27.78	123.4	30.68	129.2	33.14
	25	64.60	14.28	81.60	18.54	99.80	24.32	107.4	27.14	116.2	30.60	123.4	33.48	129.2	35.84
	27	64.60	15.54	81.60	20.34	99.80	26.52	107.4	29.28	116.2	32.62	123.4	35.66	129.2	38.18
	29	64.60	16.96	81.60	22.00	99.80	28.26	107.4	31.22	116.2	34.78	123.4	38.02	129.2	40.68
	31	64.60	18.14	81.60	23.44	99.80	30.14	107.4	33.30	116.2	37.08	123.4	40.52	129.2	43.34
	33	64.60	19.28	81.60	24.98	99.80	32.14	107.4	35.50	116.2	39.52	123.4	43.18	129.2	46.20
	35	64.60	20.54	81.60	26.64	99.80	34.28	107.4	37.86	116.2	42.16	123.4	46.06	129.2	49.30
	37	64.60	21.88	81.60	28.40	99.80	36.56	107.4	40.36	116.2	44.96	123.4	49.16	129.2	52.64
	39	64.60	23.34	81.60	30.30	99.80	38.98	107.4	43.06	116.2	47.98	123.4	52.50	129.2	56.26
	41	64.60	24.90	81.60	32.32	99.80	41.58	107.4	45.94	116.2	51.24	123.4	56.14	129.2	60.26
	43	64.60	26.58	81.60	34.48	99.80	44.36	107.4	49.06	116.2	54.80	123.4	60.14	129.2	64.68
	46	64.60	29.32	81.60	37.98	99.80	48.94	107.4	54.22	116.2	60.78	120.8	64.68	120.8	64.70
	48	64.60	31.30	81.60	40.52	99.80	52.32	107.4	58.08	110.4	60.36	110.4	60.44	110.4	60.44
	50	64.60	33.40	81.60	43.24	99.80	56.00	100.4	56.54	100.4	56.50	100.2	56.44	100.2	56.42
	52	64.60	35.64	81.60	46.16	89.60	50.14	90.00	49.32	90.40	48.42	90.80	47.60	90.80	46.96
70	10	56.60	6.68	71.40	8.90	87.40	10.42	94.00	11.22	101.6	12.26	108.0	13.26	113.0	14.12
	12	56.60	8.28	71.40	9.50	87.40	11.30	94.00	12.24	101.6	13.44	108.0	14.58	113.0	15.56
	14	56.60	8.72	71.40	10.18	87.40	12.30	94.00	13.38	101.6	14.74	108.0	16.04	113.0	17.16
	16	56.60	9.22	71.40	10.96	87.40	13.42	94.00	14.66	101.6	16.20	108.0	17.68	113.0	18.92
	18	56.60	9.80	71.40	11.84	87.40	14.66	94.00	16.06	101.6	17.82	108.0	19.48	113.0	20.86
	20	56.60	10.46	71.40	12.82	87.40	16.04	94.00	17.64	101.6	19.62	108.0	21.46	113.0	23.02
	21	56.60	10.84	71.40	13.36	87.40	16.80	94.00	18.50	101.6	20.58	108.0	22.54	113.0	24.16
	23	56.60	11.66	71.40	14.54	87.40	18.42	94.00	20.32	101.6	22.66	108.0	24.82	113.0	26.64
	25	56.60	12.58	71.40	15.86	87.40	20.24	94.00	22.36	101.6	24.96	108.0	27.34	113.0	29.34
	27	56.60	13.62	71.40	17.34	87.40	22.22	94.00	24.56	101.6	27.14	108.0	29.50	113.0	31.42
	29	56.60	14.80	71.40	18.92	87.40	23.86	94.00	26.18	101.6	28.94	108.0	31.46	113.0	33.50
	31	56.60	15.92	71.40	20.14	87.40	25.44	94.00	27.90	101.6	30.86	108.0	33.54	113.0	35.72
	33	56.60	16.90	71.40	21.44	87.40	27.12	94.00	29.76	101.6	32.92	108.0	35.76	113.0	38.08
	35	56.60	17.96	71.40	22.86	87.40	28.92	94.00	31.74	101.6	35.10	108.0	38.12	113.0	40.60
	37	56.60	19.14	71.40	24.38	87.40	30.84	94.00	33.84	101.6	37.42	108.0	40.66	113.0	43.30
	39	56.60	20.40	71.40	26.00	87.40	32.90	94.00	36.10	101.6	39.92	108.0	43.36	113.0	46.20
	41	56.60	21.76	71.40	27.74	87.40	35.10	94.00	38.50	101.6	42.58	108.0	46.28	113.0	49.34

21. ARUM480LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	56.60	23.22	71.40	29.60	87.40	37.42	94.00	41.06	101.6	45.44	108.0	49.42	113.0	52.72
	46	56.60	25.64	71.40	32.62	87.40	41.24	94.00	45.28	101.6	50.14	108.0	54.64	113.0	58.40
	48	56.60	27.38	71.40	34.80	87.40	44.00	94.00	48.34	101.6	53.62	108.0	58.52	110.4	60.48
	50	56.60	29.24	71.40	37.14	87.40	46.98	94.00	51.66	100.6	56.62	100.4	56.50	100.4	56.44
	52	56.60	31.22	71.40	39.62	87.40	50.20	89.20	50.70	89.80	49.76	90.20	48.92	90.40	48.28
60	10	48.40	5.48	61.20	7.42	74.80	9.20	80.60	9.72	87.00	10.40	92.60	11.04	97.00	11.60
	12	48.40	7.62	61.20	8.62	74.80	9.84	80.60	10.48	87.00	11.28	92.60	12.02	97.00	12.68
	14	48.40	7.96	61.20	9.12	74.80	10.60	80.60	11.34	87.00	12.26	92.60	13.14	97.00	13.88
	16	48.40	8.36	61.20	9.72	74.80	11.44	80.60	12.30	87.00	13.36	92.60	14.38	97.00	15.22
	18	48.40	8.84	61.20	10.38	74.80	12.40	80.60	13.38	87.00	14.60	92.60	15.76	97.00	16.72
	20	48.40	9.36	61.20	11.14	74.80	13.46	80.60	14.60	87.00	16.00	92.60	17.30	97.00	18.38
	21	48.40	9.66	61.20	11.56	74.80	14.04	80.60	15.26	87.00	16.74	92.60	18.12	97.00	19.28
	23	48.40	10.32	61.20	12.48	74.80	15.32	80.60	16.68	87.00	18.36	92.60	19.92	97.00	21.20
	25	48.40	11.06	61.20	13.52	74.80	16.74	80.60	18.28	87.00	20.16	92.60	21.88	97.00	23.32
	27	48.40	11.92	61.20	14.70	74.80	18.32	80.60	20.06	87.00	22.14	92.60	24.06	97.00	25.52
	29	48.40	12.86	61.20	16.02	74.80	19.94	80.60	21.70	87.00	23.78	92.60	25.68	97.00	27.22
	31	48.40	13.90	61.20	17.16	74.80	21.22	80.60	23.12	87.00	25.36	92.60	27.38	97.00	29.02
	33	48.40	14.72	61.20	18.24	74.80	22.62	80.60	24.64	87.00	27.04	92.60	29.18	97.00	30.94
	35	48.40	15.60	61.20	19.42	74.80	24.10	80.60	26.26	87.00	28.82	92.60	31.12	97.00	33.00
	37	48.40	16.60	61.20	20.70	74.80	25.70	80.60	28.02	87.00	30.74	92.60	33.20	97.00	35.18
	39	48.40	17.66	61.20	22.06	74.80	27.42	80.60	29.88	87.00	32.80	92.60	35.40	97.00	37.52
	41	48.40	18.84	61.20	23.54	74.80	29.26	80.60	31.88	87.00	34.98	92.60	37.76	97.00	40.02
	43	48.40	20.10	61.20	25.12	74.80	31.22	80.60	34.00	87.00	37.30	92.60	40.28	97.00	42.70
	46	48.40	22.20	61.20	27.72	74.80	34.40	80.60	37.46	87.00	41.10	92.60	44.38	97.00	47.08
	48	48.40	23.74	61.20	29.60	74.80	36.70	80.60	39.96	87.00	43.86	92.60	47.40	97.00	50.30
	50	48.40	25.36	61.20	31.60	74.80	39.16	80.60	42.64	87.00	46.82	92.60	50.64	97.00	53.80
	52	48.40	27.12	61.20	33.72	74.80	41.78	80.60	45.52	87.00	50.02	89.20	50.80	89.60	50.14
50	10	40.40	4.28	51.00	5.90	62.40	7.64	67.20	8.56	72.60	9.00	77.20	9.40	80.80	9.74
	12	40.40	6.42	51.00	7.88	62.40	8.72	67.20	9.12	72.60	9.62	77.20	10.10	80.80	10.50
	14	40.40	7.06	51.00	8.26	62.40	9.24	67.20	9.72	72.60	10.32	77.20	10.88	80.80	11.36
	16	40.40	7.38	51.00	8.68	62.40	9.84	67.20	10.42	72.60	11.12	77.20	11.78	80.80	12.32
	18	40.40	7.76	51.00	9.18	62.40	10.54	67.20	11.20	72.60	12.02	77.20	12.78	80.80	13.42
	20	40.40	8.18	51.00	9.74	62.40	11.32	67.20	12.10	72.60	13.04	77.20	13.90	80.80	14.64
	21	40.40	8.42	51.00	10.04	62.40	11.76	67.20	12.58	72.60	13.60	77.20	14.52	80.80	15.30
	23	40.40	8.94	51.00	10.74	62.40	12.72	67.20	13.66	72.60	14.80	77.20	15.86	80.80	16.74
	25	40.40	9.54	51.00	11.52	62.40	13.78	67.20	14.86	72.60	16.16	77.20	17.34	80.80	18.32
	27	40.40	10.20	51.00	12.42	62.40	15.00	67.20	16.20	72.60	17.68	77.20	19.00	80.80	20.10
	29	40.40	10.98	51.00	13.44	62.40	16.34	67.20	17.72	72.60	19.28	77.20	20.64	80.80	21.74
	31	40.40	11.84	51.00	14.52	62.40	17.50	67.20	18.88	72.60	20.52	77.20	21.98	80.80	23.16
	33	40.40	12.58	51.00	15.38	62.40	18.60	67.20	20.10	72.60	21.84	77.20	23.42	80.80	24.70
	35	40.40	13.32	51.00	16.32	62.40	19.80	67.20	21.40	72.60	23.28	77.20	24.96	80.80	26.34
	37	40.40	14.14	51.00	17.36	62.40	21.10	67.20	22.82	72.60	24.84	77.20	26.62	80.80	28.08
	39	40.40	15.04	51.00	18.50	62.40	22.52	67.20	24.34	72.60	26.48	77.20	28.40	80.80	29.96
	41	40.40	16.04	51.00	19.72	62.40	24.02	67.20	25.96	72.60	28.26	77.20	30.30	80.80	31.96
	43	40.40	17.14	51.00	21.06	62.40	25.64	67.20	27.70	72.60	30.16	77.20	32.32	80.80	34.08
	46	40.40	19.02	51.00	23.24	62.40	28.28	67.20	30.56	72.60	33.22	77.20	35.62	80.80	37.54
	48	40.40	20.34	51.00	24.84	62.40	30.18	67.20	32.60	72.60	35.46	77.20	38.00	80.80	40.06
	50	40.40	21.78	51.00	26.54	62.40	32.22	67.20	34.80	72.60	37.82	77.20	40.54	80.80	42.74
	52	40.40	23.30	51.00	28.38	62.40	34.40	67.20	37.12	72.60	40.36	77.20	43.26	80.80	45.62

21. ARUM480LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

21. ARUM480LTE6

21.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	28.60	2.42	45.80	3.86	65.00	5.50	69.60	5.90	74.20	6.34	79.00	6.80	84.00	7.36
	12	28.60	2.42	45.80	3.88	65.00	5.54	69.60	5.94	74.20	6.38	79.00	6.86	84.00	7.44
	14	28.60	2.44	45.80	3.90	65.00	5.60	69.60	6.02	74.20	6.48	79.00	6.96	84.00	7.58
	16	28.60	2.44	45.80	3.94	65.00	5.70	69.60	6.16	74.20	6.64	79.00	7.18	84.00	7.88
	18	28.60	2.46	45.80	4.02	65.00	5.94	69.60	6.46	74.20	7.02	79.00	7.64	84.00	8.54
	20	28.60	2.54	45.80	4.22	65.00	6.58	69.60	7.24	74.20	8.00	79.00	8.84	84.00	10.34
	21	32.40	3.10	49.40	5.22	68.40	8.84	73.00	9.36	77.40	9.94	82.00	10.52	86.80	11.44
	23	40.00	6.74	56.80	8.50	75.60	11.02	79.80	11.68	84.20	12.40	88.20	13.06	92.40	14.14
	25	47.80	8.48	64.20	10.66	83.00	13.94	87.00	14.74	91.20	15.62	94.40	16.34	98.00	17.60
	27	55.60	10.82	72.00	13.60	90.40	17.80	94.20	18.78	98.20	19.78	100.8	20.44	109.6	23.38
	29	63.80	14.00	79.80	17.32	98.20	22.08	101.8	23.10	105.6	24.22	112.0	26.20	129.8	33.14
	31	72.20	17.74	87.80	21.54	106.0	27.26	109.4	28.40	118.8	31.82	132.4	37.18	149.8	46.24
	33	80.80	22.36	96.20	26.84	114.0	33.64	125.6	38.48	139.8	45.12	152.8	51.92	169.8	62.58
	35	89.80	28.22	104.6	33.42	133.8	47.28	146.4	54.40	160.6	62.74	173.2	68.60	189.8	77.96
	37	89.80	30.12	104.6	35.66	133.8	50.48	146.4	58.18	160.6	66.54	173.2	72.88	177.6	76.70
	39	89.80	32.16	104.6	38.06	133.8	53.96	146.4	62.34	160.6	70.68	166.6	73.98	164.8	74.46
	41	89.80	34.32	104.6	40.60	133.8	57.74	146.4	66.96	154.2	71.58	154.2	71.60	152.4	72.08
	43	89.80	36.62	104.6	43.34	133.8	61.90	142.2	68.50	142.2	68.42	142.0	68.40	140.4	69.44
	46	89.80	40.36	104.6	47.80	125.0	61.86	125.0	61.84	125.0	61.88	124.8	61.72	123.6	62.72
	48	89.80	43.08	104.6	51.08	114.2	57.80	114.2	57.82	114.0	57.76	114.0	57.80	112.6	58.46
	50	89.80	45.98	104.2	54.26	103.8	54.16	104.0	54.22	103.8	54.14	103.8	54.14	102.4	54.66
	52	89.60	49.10	91.00	45.86	92.40	43.40	92.80	42.92	93.00	42.38	93.40	41.94	92.80	42.10
120	10	26.40	2.24	42.40	3.56	60.00	5.06	64.20	5.44	68.40	5.80	72.80	6.20	77.40	6.72
	12	26.40	2.24	42.40	3.58	60.00	5.10	64.20	5.46	68.40	5.84	72.80	6.26	77.40	6.78
	14	26.40	2.24	42.40	3.58	60.00	5.14	64.20	5.52	68.40	5.92	72.80	6.34	77.40	6.90
	16	26.40	2.26	42.40	3.62	60.00	5.22	64.20	5.64	68.40	6.04	72.80	6.50	77.40	7.12
	18	26.40	2.28	42.40	3.68	60.00	5.42	64.20	5.86	68.40	6.32	72.80	6.86	77.40	7.64
	20	26.40	2.32	42.40	3.84	60.00	5.90	64.20	6.48	68.40	7.08	72.80	7.78	77.40	9.06
	21	29.80	2.80	45.60	4.66	63.20	7.70	67.40	8.62	71.60	9.18	75.60	9.70	80.00	10.50
	23	36.80	6.42	52.40	8.00	69.80	10.18	73.80	10.74	77.80	11.36	81.40	11.92	85.20	12.86
	25	44.00	7.98	59.40	9.92	76.60	12.74	80.20	13.44	84.20	14.18	87.20	14.78	90.60	15.88
	27	51.40	10.10	66.40	12.50	83.40	16.12	87.00	16.94	90.60	17.86	93.00	18.46	101.2	21.06
	29	59.00	12.94	73.60	15.90	90.60	20.04	93.80	20.92	97.40	21.88	103.4	23.58	119.8	29.54
	31	66.60	16.34	81.00	19.64	97.80	24.58	101.0	25.58	109.6	28.52	122.2	33.10	138.2	40.82
	33	74.60	20.44	88.80	24.32	105.4	30.20	116.0	34.38	129.0	40.02	141.0	45.78	156.6	55.82
	35	82.80	25.62	96.60	30.12	123.6	42.02	135.2	48.04	148.2	55.46	159.8	62.40	175.2	70.86
	37	82.80	27.36	96.60	32.16	123.6	44.84	135.2	51.30	148.2	59.34	159.8	66.16	175.2	75.34
	39	82.80	29.20	96.60	34.32	123.6	47.88	135.2	54.84	148.2	63.60	159.8	70.28	164.8	74.50
	41	82.80	31.16	96.60	36.62	123.6	51.14	135.2	58.70	148.2	68.22	154.4	71.66	152.6	72.20
	43	82.80	33.26	96.60	39.06	123.6	54.70	135.2	62.94	142.2	68.52	142.0	68.40	140.4	69.38
	46	82.80	36.68	96.60	43.08	123.6	60.64	125.2	61.90	125.0	61.82	125.0	61.82	123.6	62.72
	48	82.80	39.14	96.60	45.98	114.2	57.80	114.2	57.78	114.2	57.82	114.2	57.80	112.6	58.50
	50	82.80	41.76	96.60	49.10	103.8	54.12	104.0	54.24	103.8	54.16	104.0	54.22	102.6	54.84
	52	82.80	44.58	90.40	46.92	91.80	44.42	92.20	43.94	92.40	43.40	92.60	43.06	92.80	43.44
110	10	24.20	2.04	38.80	3.26	55.00	4.64	58.80	4.96	62.80	5.30	66.80	5.66	71.00	6.10
	12	24.20	2.04	38.80	3.26	55.00	4.66	58.80	5.00	62.80	5.34	66.80	5.70	71.00	6.14
	14	24.20	2.06	38.80	3.28	55.00	4.70	58.80	5.04	62.80	5.40	66.80	5.76	71.00	6.24
	16	24.20	2.06	38.80	3.30	55.00	4.76	58.80	5.12	62.80	5.50	66.80	5.88	71.00	6.40
	18	24.20	2.08	38.80	3.36	55.00	4.90	58.80	5.30	62.80	5.70	66.80	6.14	71.00	6.78

21. ARUM480LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	24.20	2.12	38.80	3.48	55.00	5.28	58.80	5.76	62.80	6.28	66.80	6.84	71.00	7.86
	21	27.40	2.54	41.80	4.14	58.00	6.66	61.80	7.40	65.60	8.20	69.40	8.94	73.40	9.62
	23	33.80	6.12	48.00	7.50	64.00	9.40	67.60	9.86	71.20	10.38	74.60	10.86	78.20	11.68
	25	40.40	7.50	54.40	9.22	70.20	11.62	73.60	12.22	77.20	12.84	79.80	13.36	83.00	14.28
	27	47.20	9.38	60.80	11.48	76.60	14.56	79.80	15.26	83.20	16.02	85.40	16.54	92.80	18.86
	29	54.00	11.92	67.40	14.50	83.00	18.12	86.00	18.86	89.20	19.68	94.80	21.14	109.8	26.22
	31	61.20	15.00	74.40	17.86	89.60	22.10	92.60	22.94	100.6	25.44	112.0	29.34	126.8	35.88
	33	68.40	18.62	81.40	21.96	96.60	27.00	106.2	30.54	118.2	35.34	129.4	40.16	143.6	48.52
	35	76.00	23.18	88.60	27.04	113.2	37.18	124.0	42.24	135.8	48.40	146.6	54.44	160.6	63.98
	37	76.00	24.74	88.60	28.86	113.2	39.68	124.0	45.08	135.8	51.70	146.6	58.22	160.6	67.86
	39	76.00	26.42	88.60	30.80	113.2	42.34	124.0	48.12	135.8	55.26	146.6	62.38	160.6	72.12
	41	76.00	28.20	88.60	32.88	113.2	45.18	124.0	51.42	135.8	59.16	146.6	66.98	152.6	72.16
	43	76.00	30.10	88.60	35.10	113.2	48.26	124.0	54.98	135.8	63.46	142.2	68.54	140.6	69.56
	46	76.00	33.20	88.60	38.68	113.2	53.32	124.0	60.98	125.2	61.90	125.0	61.80	123.4	62.64
	48	76.00	35.44	88.60	41.28	113.2	57.06	114.2	57.80	114.2	57.84	114.2	57.84	112.8	58.56
	50	76.00	37.82	88.60	44.04	104.0	54.22	103.8	54.12	104.0	54.26	103.8	54.16	102.6	54.80
	52	76.00	40.36	88.60	47.02	91.20	45.64	91.40	45.18	91.80	44.66	92.00	44.04	92.40	44.04
100	10	22.00	1.86	35.20	2.96	50.00	4.20	53.40	4.52	57.00	4.82	60.80	5.14	64.60	5.52
	12	22.00	1.86	35.20	2.96	50.00	4.22	53.40	4.54	57.00	4.84	60.80	5.16	64.60	5.56
	14	22.00	1.86	35.20	2.98	50.00	4.26	53.40	4.56	57.00	4.88	60.80	5.20	64.60	5.62
	16	22.00	1.88	35.20	3.00	50.00	4.30	53.40	4.62	57.00	4.96	60.80	5.30	64.60	5.74
	18	22.00	1.88	35.20	3.04	50.00	4.42	53.40	4.76	57.00	5.12	60.80	5.50	64.60	6.02
	20	22.00	1.92	35.20	3.14	50.00	4.68	53.40	5.10	57.00	5.54	60.80	6.00	64.60	6.80
	21	24.80	2.26	38.00	3.66	52.60	5.74	56.20	6.34	59.60	6.98	63.00	7.68	66.80	8.82
	23	30.80	5.80	43.60	7.02	58.20	8.68	61.40	9.08	64.80	9.50	67.80	9.90	71.00	10.58
	25	36.80	7.04	49.40	8.54	63.80	10.60	67.00	11.08	70.20	11.62	72.60	12.04	75.40	12.84
	27	42.80	8.70	55.40	10.54	69.60	13.12	72.60	13.72	75.60	14.36	77.60	14.78	84.40	16.72
	29	49.20	10.94	61.40	13.16	75.40	16.32	78.20	16.96	81.20	17.66	86.20	18.88	99.80	23.16
	31	55.60	13.74	67.60	16.16	81.60	19.78	84.20	20.48	91.40	22.60	101.8	25.88	115.2	31.34
	33	62.20	16.90	74.00	19.74	87.80	24.00	96.60	27.00	107.6	31.04	117.6	35.06	130.6	41.96
	35	69.00	20.88	80.40	24.16	103.0	32.72	112.6	36.94	123.6	42.04	133.2	46.96	146.0	55.80
	37	69.00	22.28	80.40	25.78	103.0	34.90	112.6	39.42	123.6	44.86	133.2	50.14	146.0	59.72
	39	69.00	23.78	80.40	27.52	103.0	37.26	112.6	42.06	123.6	47.90	133.2	53.58	146.0	64.02
	41	69.00	25.40	80.40	29.38	103.0	39.74	112.6	44.90	123.6	51.16	133.2	57.34	146.0	68.40
	43	69.00	27.12	80.40	31.38	103.0	42.42	112.6	47.94	123.6	54.72	133.2	61.46	140.6	69.44
	46	69.00	29.92	80.40	34.58	103.0	46.78	112.6	52.96	123.6	60.66	125.0	61.82	123.6	62.70
	48	69.00	31.96	80.40	36.92	103.0	49.98	112.6	56.68	114.2	57.82	114.4	57.90	112.6	58.50
	50	69.00	34.10	80.40	39.38	103.0	53.44	104.0	54.24	104.0	54.18	104.0	54.26	102.4	54.78
	52	69.00	36.40	80.40	42.02	90.40	46.92	90.80	46.18	91.40	45.38	91.80	44.62	92.00	44.64
90	10	19.80	1.68	31.80	2.66	45.00	3.78	48.20	4.06	51.40	4.32	54.60	4.60	58.20	4.96
	12	19.80	1.68	31.80	2.68	45.00	3.80	48.20	4.06	51.40	4.34	54.60	4.64	58.20	4.98
	14	19.80	1.68	31.80	2.68	45.00	3.82	48.20	4.10	51.40	4.38	54.60	4.66	58.20	5.02
	16	19.80	1.68	31.80	2.70	45.00	3.86	48.20	4.14	51.40	4.42	54.60	4.74	58.20	5.12
	18	19.80	1.70	31.80	2.72	45.00	3.94	48.20	4.24	51.40	4.54	54.60	4.88	58.20	5.32
	20	19.80	1.72	31.80	2.78	45.00	4.12	48.20	4.48	51.40	4.84	54.60	5.24	58.20	5.88
	21	22.40	2.02	34.20	3.20	47.40	4.92	50.60	5.38	53.60	5.90	56.80	6.44	60.00	7.70
	23	27.60	5.50	39.40	6.56	52.40	7.98	55.40	8.32	58.40	8.70	61.00	9.02	64.00	9.58
	25	33.00	6.60	44.40	7.88	57.40	9.64	60.20	10.06	63.20	10.48	65.40	10.84	68.00	11.50
	27	38.60	8.06	49.80	9.62	62.60	11.80	65.20	12.30	68.00	12.82	69.80	13.18	76.00	14.78
	29	44.20	10.00	55.20	11.90	68.00	14.60	70.40	15.18	73.00	15.76	77.40	16.78	89.80	20.34
	31	50.00	12.54	60.80	14.60	73.40	17.62	75.80	18.20	82.20	19.96	91.60	22.68	103.6	27.20

21. ARUM480LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	56.00	15.30	66.60	17.66	79.00	21.24	87.00	23.74	96.80	27.06	105.8	30.38	117.6	36.04
	35	62.20	18.72	72.40	21.46	92.60	28.60	101.4	32.08	111.2	36.26	119.8	40.26	131.4	47.38
	37	62.20	19.96	72.40	22.90	92.60	30.52	101.4	34.24	111.2	38.70	119.8	42.98	131.4	50.60
	39	62.20	21.30	72.40	24.46	92.60	32.58	101.4	36.54	111.2	41.30	119.8	45.88	131.4	54.08
	41	62.20	22.76	72.40	26.12	92.60	34.76	101.4	38.98	111.2	44.08	119.8	48.98	131.4	57.88
	43	62.20	24.30	72.40	27.88	92.60	37.10	101.4	41.60	111.2	47.06	119.8	52.36	131.4	62.06
	46	62.20	26.84	72.40	30.78	92.60	40.88	101.4	45.88	111.2	51.98	119.8	57.96	123.6	62.72
	48	62.20	28.68	72.40	32.86	92.60	43.64	101.4	49.00	111.2	55.60	114.2	57.78	112.8	58.60
	50	62.20	30.62	72.40	35.06	92.60	46.58	101.4	52.38	104.0	54.26	104.0	54.16	102.6	54.86
	52	62.20	32.70	72.40	37.42	90.00	47.72	90.40	46.94	91.00	46.12	91.40	45.36	91.60	45.36
80	10	17.60	1.48	28.20	2.36	40.00	3.36	42.80	3.60	45.60	3.84	48.60	4.10	51.60	4.40
	12	17.60	1.48	28.20	2.38	40.00	3.36	42.80	3.60	45.60	3.86	48.60	4.10	51.60	4.42
	14	17.60	1.50	28.20	2.38	40.00	3.38	42.80	3.62	45.60	3.88	48.60	4.14	51.60	4.44
	16	17.60	1.50	28.20	2.38	40.00	3.42	42.80	3.66	45.60	3.92	48.60	4.18	51.60	4.50
	18	17.60	1.50	28.20	2.40	40.00	3.46	42.80	3.72	45.60	4.00	48.60	4.28	51.60	4.64
	20	17.60	1.52	28.20	2.46	40.00	3.60	42.80	3.90	45.60	4.20	48.60	4.52	51.60	5.02
	21	20.00	1.76	30.40	2.78	42.20	4.18	44.80	4.56	47.60	4.96	50.40	5.38	53.40	6.30
	23	24.60	5.22	35.00	6.12	46.60	7.34	49.20	7.62	51.80	7.92	54.20	8.20	56.80	8.68
	25	29.40	6.16	39.60	7.26	51.00	8.76	53.60	9.10	56.00	9.46	58.00	9.74	60.40	10.30
	27	34.20	7.42	44.20	8.76	55.60	10.58	58.00	10.98	60.40	11.42	62.00	11.70	67.40	13.00
	29	39.20	9.10	49.00	10.70	60.40	12.94	62.60	13.42	65.00	13.92	68.80	14.82	79.80	17.76
	31	44.40	11.30	54.00	13.12	65.20	15.62	67.20	16.10	73.20	17.54	81.40	19.76	92.20	23.42
	33	49.80	13.78	59.20	15.74	70.20	18.68	77.20	20.72	86.00	23.44	94.00	26.12	104.4	30.70
	35	55.20	16.72	64.40	18.96	82.40	24.82	90.20	27.66	98.80	31.04	106.6	34.26	116.8	39.94
	37	55.20	17.80	64.40	20.22	82.40	26.48	90.20	29.52	98.80	33.12	106.6	36.54	116.8	42.60
	39	55.20	19.00	64.40	21.60	82.40	28.28	90.20	31.50	98.80	35.34	106.6	39.00	116.8	45.48
	41	55.20	20.28	64.40	23.06	82.40	30.18	90.20	33.62	98.80	37.72	106.6	41.62	116.8	48.56
	43	55.20	21.66	64.40	24.64	82.40	32.22	90.20	35.88	98.80	40.24	106.6	44.42	116.8	51.90
	46	55.20	23.94	64.40	27.20	82.40	35.52	90.20	39.54	98.80	44.38	106.6	49.02	116.8	57.48
	48	55.20	25.58	64.40	29.06	82.40	37.90	90.20	42.20	98.80	47.38	106.6	52.40	113.0	58.66
	50	55.20	27.34	64.40	31.04	82.40	40.44	90.20	45.04	98.80	50.62	104.0	54.22	102.6	54.84
	52	55.20	29.22	64.40	33.14	82.40	43.16	90.00	47.94	90.40	47.08	90.80	46.30	91.20	46.32
70	10	15.40	1.30	24.60	2.08	35.00	2.94	37.40	3.14	40.00	3.36	42.60	3.58	45.20	3.84
	12	15.40	1.30	24.60	2.08	35.00	2.94	37.40	3.16	40.00	3.36	42.60	3.58	45.20	3.84
	14	15.40	1.30	24.60	2.08	35.00	2.96	37.40	3.16	40.00	3.38	42.60	3.60	45.20	3.88
	16	15.40	1.30	24.60	2.08	35.00	2.98	37.40	3.18	40.00	3.40	42.60	3.64	45.20	3.92
	18	15.40	1.32	24.60	2.10	35.00	3.02	37.40	3.24	40.00	3.46	42.60	3.70	45.20	4.00
	20	15.40	1.32	24.60	2.14	35.00	3.10	37.40	3.34	40.00	3.60	42.60	3.86	45.20	4.26
	21	17.40	1.54	26.60	2.40	36.80	3.52	39.20	3.82	41.80	4.12	44.20	4.44	46.60	5.10
	23	21.60	4.54	30.60	5.70	40.80	6.72	43.00	6.96	45.40	7.20	47.40	7.44	49.80	7.84
	25	25.60	5.74	34.60	6.66	44.60	7.90	46.80	8.20	49.00	8.48	50.80	8.72	52.80	9.18
	27	30.00	6.82	38.80	7.94	48.80	9.44	50.80	9.78	52.80	10.12	54.40	10.36	59.00	11.42
	29	34.40	8.24	43.00	9.56	52.80	11.42	54.80	11.80	56.80	12.22	60.20	12.92	69.80	15.40
	31	39.00	10.10	47.20	11.68	57.00	13.78	58.80	14.16	64.00	15.32	71.40	17.08	80.60	20.02
	33	43.60	12.26	51.80	13.96	61.40	16.32	67.60	17.96	75.20	20.12	82.20	22.26	91.40	25.88
	35	48.40	14.84	56.40	16.66	72.00	21.34	78.80	23.60	86.40	26.30	93.20	28.84	102.2	33.30
	37	48.40	15.78	56.40	17.74	72.00	22.78	78.80	25.20	86.40	28.06	93.20	30.78	102.2	35.54
	39	48.40	16.82	56.40	18.94	72.00	24.32	78.80	26.90	86.40	29.96	93.20	32.84	102.2	37.92
	41	48.40	17.96	56.40	20.22	72.00	25.98	78.80	28.72	86.40	31.98	93.20	35.04	102.2	40.46
	43	48.40	19.18	56.40	21.60	72.00	27.74	78.80	30.66	86.40	34.12	93.20	37.40	102.2	43.18
	46	48.40	21.20	56.40	23.88	72.00	30.60	78.80	33.82	86.40	37.62	93.20	41.22	102.2	47.64

21. ARUM480LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	48.40	22.68	56.40	25.52	72.00	32.68	78.80	36.08	86.40	40.14	93.20	44.00	102.2	50.92
	50	48.40	24.26	56.40	27.28	72.00	34.88	78.80	38.50	86.40	42.84	93.20	46.98	102.2	54.46
	52	48.40	25.96	56.40	29.16	72.00	37.22	78.80	41.08	86.40	45.72	90.20	47.58	90.40	47.60
60	10	13.20	1.12	21.20	1.78	30.00	2.52	32.00	2.70	34.20	2.88	36.40	3.06	38.80	3.28
	12	13.20	1.12	21.20	1.78	30.00	2.52	32.00	2.70	34.20	2.88	36.40	3.06	38.80	3.30
	14	13.20	1.12	21.20	1.78	30.00	2.52	32.00	2.70	34.20	2.88	36.40	3.08	38.80	3.30
	16	13.20	1.12	21.20	1.78	30.00	2.54	32.00	2.72	34.20	2.90	36.40	3.10	38.80	3.34
	18	13.20	1.12	21.20	1.80	30.00	2.56	32.00	2.76	34.20	2.94	36.40	3.14	38.80	3.40
	20	13.20	1.14	21.20	1.82	30.00	2.62	32.00	2.82	34.20	3.02	36.40	3.24	38.80	3.54
	21	15.00	1.30	22.80	2.02	31.60	2.92	33.60	3.14	35.80	3.38	37.80	3.64	40.00	4.08
	23	18.40	3.20	26.20	4.80	35.00	6.12	36.80	6.32	38.80	6.52	40.60	6.70	42.60	7.04
	25	22.00	5.34	29.60	6.10	38.20	7.12	40.20	7.34	42.00	7.58	43.60	7.76	45.20	8.14
	27	25.80	6.24	33.20	7.14	41.80	8.38	43.60	8.64	45.40	8.92	46.60	9.10	50.60	9.96
	29	29.40	7.42	36.80	8.50	45.20	10.00	47.00	10.30	48.60	10.62	51.60	11.20	59.80	13.12
	31	33.40	8.96	40.60	10.24	49.00	12.02	50.40	12.36	54.80	13.30	61.20	14.66	69.20	16.94
	33	37.40	10.80	44.40	12.18	52.60	14.18	58.00	15.44	64.60	17.12	70.60	18.78	78.40	21.58
	35	41.40	12.96	48.20	14.52	61.80	18.20	67.60	19.94	74.20	22.02	80.00	23.96	87.60	27.40
	37	41.40	13.76	48.20	15.46	61.80	19.40	67.60	21.28	74.20	23.50	80.00	25.58	87.60	29.24
	39	41.40	14.64	48.20	16.46	61.80	20.70	67.60	22.72	74.20	25.10	80.00	27.32	87.60	31.22
	41	41.40	15.62	48.20	17.58	61.80	22.12	67.60	24.26	74.20	26.80	80.00	29.16	87.60	33.32
	43	41.40	16.70	48.20	18.78	61.80	23.62	67.60	25.92	74.20	28.60	80.00	31.12	87.60	35.56
	46	41.40	18.54	48.20	20.76	61.80	26.10	67.60	28.62	74.20	31.56	80.00	34.32	87.60	39.18
	48	41.40	19.92	48.20	22.22	61.80	27.88	67.60	30.56	74.20	33.68	80.00	36.62	87.60	41.82
	50	41.40	21.36	48.20	23.78	61.80	29.78	67.60	32.62	74.20	35.96	80.00	39.08	87.60	44.64
	52	41.40	22.86	48.20	25.44	61.80	31.82	67.60	34.82	74.20	38.36	80.00	41.70	87.60	47.66
50	10	11.00	0.98	17.60	1.48	25.00	2.10	26.80	2.24	28.60	2.40	30.40	2.54	32.20	2.74
	12	11.00	0.98	17.60	1.48	25.00	2.10	26.80	2.24	28.60	2.40	30.40	2.56	32.20	2.74
	14	11.00	0.98	17.60	1.48	25.00	2.10	26.80	2.26	28.60	2.40	30.40	2.56	32.20	2.74
	16	11.00	0.98	17.60	1.48	25.00	2.12	26.80	2.26	28.60	2.42	30.40	2.58	32.20	2.76
	18	11.00	0.98	17.60	1.50	25.00	2.12	26.80	2.28	28.60	2.44	30.40	2.60	32.20	2.80
	20	11.00	1.00	17.60	1.50	25.00	2.16	26.80	2.32	28.60	2.48	30.40	2.66	32.20	2.88
	21	12.40	1.08	19.00	1.66	26.40	2.36	28.00	2.54	29.80	2.72	31.60	2.90	33.40	3.22
	23	15.40	2.22	21.80	3.28	29.00	5.56	30.80	5.72	32.40	5.88	33.80	6.02	35.60	6.28
	25	20.60	5.28	24.80	5.56	32.00	6.36	33.40	6.54	35.00	6.72	36.40	6.88	37.80	7.16
	27	21.40	5.68	27.60	6.40	34.80	7.36	36.20	7.58	37.80	7.80	38.80	7.94	42.20	8.60
	29	24.60	6.62	30.60	7.48	37.80	8.66	39.20	8.90	40.60	9.14	43.00	9.58	49.80	11.08
	31	27.80	7.86	33.80	8.88	40.80	10.28	42.00	10.56	45.60	11.34	51.00	12.46	57.60	14.20
	33	31.00	9.40	37.00	10.50	43.80	12.08	48.20	13.12	53.80	14.44	58.80	15.66	65.20	17.74
	35	34.60	11.14	40.20	12.36	51.40	15.34	56.40	16.66	61.80	18.20	66.60	19.64	73.00	22.18
	37	34.60	11.78	40.20	13.12	51.40	16.34	56.40	17.74	61.80	19.40	66.60	20.96	73.00	23.68
	39	34.60	12.50	40.20	13.96	51.40	17.42	56.40	18.94	61.80	20.72	66.60	22.36	73.00	25.28
	41	34.60	13.28	40.20	14.88	51.40	18.60	56.40	20.22	61.80	22.12	66.60	23.88	73.00	26.98
	43	34.60	14.16	40.20	15.90	51.40	19.86	56.40	21.60	61.80	23.64	66.60	25.52	73.00	28.80
	46	34.60	15.64	40.20	17.62	51.40	21.96	56.40	23.88	61.80	26.10	66.60	28.18	73.00	31.78
	48	34.60	16.76	40.20	18.92	51.40	23.50	56.40	25.52	61.80	27.88	66.60	30.08	73.00	33.92
	50	34.60	17.98	40.20	20.34	51.40	25.14	56.40	27.28	61.80	29.80	66.60	32.12	73.00	36.20
	52	34.60	19.32	40.20	21.92	51.40	26.88	56.40	29.16	61.80	31.82	66.60	34.30	73.00	38.64

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

21. ARUM480LTE6

21.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	84.20	41.94	83.60	42.30	82.80	42.66	82.60	42.82	82.20	43.00	81.60	43.36
	-24.8	-25	98.20	44.04	97.40	44.44	96.60	44.84	96.40	45.04	96.00	45.24	95.20	45.62
	-21.8	-22	106.8	45.24	106.0	45.68	105.4	46.10	105.0	46.30	104.6	46.52	103.8	46.92
	-19.8	-20	113.0	46.06	112.2	46.50	111.4	46.94	111.0	47.16	110.6	47.38	109.8	47.80
	-18.8	-19	116.2	46.46	115.2	46.92	114.4	47.36	114.0	47.58	113.6	47.80	112.8	48.24
	-16.7	-17	122.6	47.28	121.8	47.74	121.0	48.22	120.4	48.44	120.0	48.66	119.2	49.12
	-15	-15.9	126.6	47.76	125.6	48.24	124.8	48.70	124.4	48.94	123.8	49.16	123.0	49.62
	-13.7	-15	130.2	48.18	129.4	48.68	128.4	49.16	128.0	49.40	127.6	49.64	126.8	50.10
	-11.8	-13	136.8	48.96	135.8	49.46	135.0	49.96	134.4	50.20	134.0	50.44	133.0	50.92
	-9.8	-11	144.2	49.80	143.2	50.32	142.2	50.82	141.8	51.08	141.2	51.32	140.2	51.80
	-9.5	-10	147.8	50.18	146.8	50.72	145.8	51.22	145.2	51.48	144.8	51.74	143.6	52.22
	-8.5	-9.1	151.4	50.58	150.2	51.10	149.2	51.62	148.6	51.88	148.2	52.14	147.2	52.64
	-7	-7.6	157.4	51.22	156.2	51.76	155.2	52.30	154.6	52.56	154.0	52.82	153.0	53.32
	-5	-5.6	165.8	52.08	164.6	52.64	163.4	53.20	162.8	53.46	162.2	53.74	161.0	54.26
	-3	-3.7	174.0	52.92	172.8	53.50	171.6	54.06	171.0	54.34	170.4	54.62	169.2	55.14
	0	-0.7	187.6	54.28	186.4	54.86	185.0	55.46	184.2	55.74	183.6	56.02	172.0	52.20
	3	2.2	201.4	55.58	199.8	56.20	196.6	56.04	190.4	54.12	184.2	52.22	172.0	48.48
	5	4.1	210.6	56.44	208.8	57.02	196.6	53.34	190.4	51.54	184.2	49.74	172.0	46.20
	7	6	220.0	57.30	208.8	54.24	196.6	50.76	190.4	49.04	184.2	47.32	172.0	43.96
	9	7.9	221.2	54.78	208.8	51.44	196.6	48.16	190.4	46.54	184.2	44.94	172.0	41.76
	11	9.8	221.2	51.90	208.8	48.76	196.6	45.66	190.4	44.14	184.2	42.64	172.0	39.66
	13	11.8	221.2	48.98	208.8	46.04	196.6	43.16	190.4	41.72	184.2	40.32	172.0	37.52
	15	13.7	221.2	46.32	208.8	43.58	196.6	40.86	190.4	39.52	184.2	38.20	172.0	35.56
120	-30	-30.2	83.80	42.12	83.20	42.48	82.60	42.82	82.20	43.00	82.00	43.18	81.40	43.52
	-24.8	-25	97.60	44.28	97.00	44.68	96.20	45.08	96.00	45.28	95.60	45.46	94.80	45.84
	-21.8	-22	106.4	45.54	105.6	45.96	104.8	46.38	104.4	46.58	104.0	46.78	103.4	47.18
	-19.8	-20	112.4	46.38	111.6	46.82	110.8	47.24	110.4	47.46	110.0	47.66	109.2	48.08
	-18.8	-19	115.6	46.80	114.6	47.24	113.8	47.68	113.4	47.90	113.0	48.12	112.2	48.54
	-16.7	-17	122.0	47.64	121.2	48.10	120.2	48.56	119.8	48.78	119.4	49.00	118.6	49.44
	-15	-15.9	125.8	48.14	125.0	48.60	124.0	49.08	123.6	49.30	123.2	49.52	122.4	49.98
	-13.7	-15	129.4	48.60	128.6	49.08	127.8	49.56	127.4	49.80	126.8	50.02	126.0	50.48
	-11.8	-13	136.0	49.40	135.0	49.90	134.0	50.38	133.6	50.62	133.2	50.86	132.2	51.32
	-9.8	-11	143.4	50.28	142.2	50.78	141.2	51.28	140.8	51.52	140.2	51.76	139.4	52.24
	-9.5	-10	146.8	50.68	145.8	51.20	144.8	51.70	144.2	51.96	143.8	52.20	142.8	52.68
	-8.5	-9.1	150.4	51.10	149.2	51.62	148.2	52.12	147.6	52.38	147.2	52.62	146.2	53.12
	-7	-7.6	156.2	51.76	155.2	52.30	154.0	52.82	153.4	53.08	153.0	53.34	151.8	53.82
	-5	-5.6	164.4	52.68	163.2	53.24	162.2	53.78	161.6	54.04	161.0	54.30	158.8	54.28
	-3	-3.7	172.6	53.58	171.4	54.14	170.2	54.70	169.6	54.96	169.0	55.22	158.8	51.72
	0	-0.7	186.0	55.02	184.6	55.60	181.4	55.34	175.8	53.46	170.0	51.60	158.8	47.90
	3	2.2	199.4	56.40	192.8	54.86	181.4	51.36	175.8	49.62	170.0	47.90	158.8	44.52
	5	4.1	204.0	55.60	192.8	52.22	181.4	48.92	175.8	47.28	170.0	45.66	158.8	42.46
	7	6	204.0	52.90	192.8	49.70	181.4	46.54	175.8	45.00	170.0	43.46	158.8	40.42
	9	7.9	204.0	50.18	192.8	47.16	181.4	44.20	175.8	42.74	170.0	41.28	158.8	38.42
	11	9.8	204.0	47.56	192.8	44.74	181.4	41.94	175.8	40.56	170.0	39.20	158.8	36.50
	13	11.8	204.0	44.92	192.8	42.28	181.4	39.66	175.8	38.38	170.0	37.10	158.8	34.56

21. ARUM480LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	204.0	42.52	192.8	40.04	181.4	37.58	175.8	36.38	170.0	35.16	158.8	32.80
110	-30	-30.2	83.40	42.34	82.80	42.70	82.20	43.04	82.00	43.22	81.60	43.38	81.00	43.72
	-24.8	-25	97.20	44.58	96.40	44.96	95.80	45.36	95.40	45.54	95.00	45.74	94.40	46.10
	-21.8	-22	105.8	45.86	105.0	46.28	104.2	46.70	103.8	46.90	103.4	47.10	102.8	47.50
	-19.8	-20	111.8	46.74	111.0	47.18	110.2	47.60	109.8	47.80	109.4	48.02	108.6	48.42
	-18.8	-19	114.8	47.18	114.0	47.62	113.2	48.04	112.8	48.26	112.4	48.48	111.6	48.88
	-16.7	-17	121.2	48.06	120.4	48.52	119.4	48.96	119.0	49.18	118.6	49.40	117.8	49.82
	-15	-15.9	125.0	48.58	124.2	49.04	123.2	49.50	122.8	49.72	122.4	49.94	121.6	50.38
	-13.7	-15	128.6	49.08	127.8	49.54	127.0	50.02	126.4	50.24	126.0	50.46	125.2	50.92
	-11.8	-13	135.0	49.90	134.0	50.40	133.2	50.86	132.6	51.10	132.2	51.32	131.2	51.78
	-9.8	-11	142.2	50.82	141.2	51.32	140.2	51.82	139.8	52.04	139.2	52.28	138.2	52.74
	-9.5	-10	145.6	51.26	144.6	51.76	143.6	52.26	143.2	52.50	142.6	52.74	141.6	53.20
	-8.5	-9.1	149.0	51.70	148.0	52.20	147.0	52.70	146.4	52.94	146.0	53.18	145.0	53.66
	-7	-7.6	155.0	52.42	153.8	52.92	152.8	53.44	152.2	53.68	151.6	53.94	145.6	51.96
	-5	-5.6	163.0	53.38	161.8	53.92	160.6	54.44	160.0	54.70	156.0	53.24	145.6	49.44
	-3	-3.7	171.0	54.34	169.8	54.88	166.2	54.38	161.2	52.54	156.0	50.72	145.6	47.12
	0	-0.7	184.0	55.86	176.6	53.78	166.2	50.36	161.2	48.68	156.0	47.00	145.6	43.70
	3	2.2	187.0	53.10	176.6	49.90	166.2	46.78	161.2	45.22	156.0	43.68	145.6	40.66
	5	4.1	187.0	50.56	176.6	47.56	166.2	44.58	161.2	43.12	156.0	41.68	145.6	38.80
	7	6	187.0	48.12	176.6	45.26	166.2	42.44	161.2	41.04	156.0	39.66	145.6	36.94
	9	7.9	187.0	45.68	176.6	42.98	166.2	40.32	161.2	39.02	156.0	37.72	145.6	35.14
	11	9.8	187.0	43.34	176.6	40.80	166.2	38.30	161.2	37.06	156.0	35.84	145.6	33.42
	13	11.8	187.0	40.96	176.6	38.58	166.2	36.24	161.2	35.08	156.0	33.94	145.6	31.66
	15	13.7	187.0	38.80	176.6	36.58	166.2	34.38	161.2	33.28	156.0	32.20	145.6	30.06
100	-30	-30.2	83.00	42.60	82.40	42.94	81.80	43.30	81.40	43.46	81.20	43.62	80.60	43.96
	-24.8	-25	96.60	44.92	95.80	45.30	95.20	45.68	94.80	45.86	94.60	46.06	93.80	46.42
	-21.8	-22	105.0	46.26	104.2	46.68	103.6	47.08	103.2	47.26	102.8	47.46	102.2	47.86
	-19.8	-20	111.0	47.18	110.2	47.60	109.4	48.00	109.0	48.22	108.6	48.42	107.8	48.82
	-18.8	-19	114.0	47.64	113.2	48.06	112.4	48.48	112.0	48.70	111.6	48.90	110.8	49.30
	-16.7	-17	120.2	48.56	119.4	49.00	118.6	49.44	118.2	49.66	117.8	49.86	117.0	50.28
	-15	-15.9	124.0	49.12	123.2	49.56	122.2	50.00	121.8	50.22	121.4	50.44	120.6	50.86
	-13.7	-15	127.6	49.62	126.8	50.10	126.0	50.54	125.6	50.76	125.2	51.00	124.4	51.42
	-11.8	-13	133.8	50.50	133.0	50.98	132.0	51.44	131.6	51.66	131.0	51.88	130.2	52.32
	-9.8	-11	140.8	51.48	140.0	51.96	139.0	52.44	138.4	52.66	138.0	52.90	132.2	50.92
	-9.5	-10	144.2	51.94	143.2	52.42	142.2	52.90	141.8	53.14	141.4	53.38	132.2	49.78
	-8.5	-9.1	147.6	52.40	146.6	52.90	145.6	53.38	145.0	53.60	141.8	52.42	132.2	48.70
	-7	-7.6	153.4	53.16	152.2	53.66	151.2	54.14	146.4	52.32	141.8	50.52	132.2	46.96
	-5	-5.6	161.2	54.20	160.0	54.70	151.2	51.50	146.4	49.78	141.8	48.08	132.2	44.70
	-3	-3.7	169.0	55.22	160.6	52.38	151.2	49.08	146.4	47.44	141.8	45.82	132.2	42.64
	0	-0.7	170.0	51.60	160.6	48.52	151.2	45.50	146.4	44.00	141.8	42.52	132.2	39.58
	3	2.2	170.0	47.90	160.6	45.08	151.2	42.30	146.4	40.94	141.8	39.56	132.2	36.86
	5	4.1	170.0	45.66	160.6	43.00	151.2	40.36	146.4	39.06	141.8	37.76	132.2	35.20
	7	6	170.0	43.46	160.6	40.92	151.2	38.42	146.4	37.18	141.8	35.96	132.2	33.54
	9	7.9	170.0	41.28	160.6	38.90	151.2	36.54	146.4	35.38	141.8	34.22	132.2	31.92
	11	9.8	170.0	39.20	160.6	36.96	151.2	34.74	146.4	33.64	141.8	32.54	132.2	30.38
	13	11.8	170.0	37.10	160.6	34.98	151.2	32.90	146.4	31.86	141.8	30.84	132.2	28.82
	15	13.7	170.0	35.18	160.6	33.18	151.2	31.22	146.4	30.26	141.8	29.30	132.2	27.38

21. ARUM480LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	82.40	42.92	81.80	43.26	81.20	43.60	81.00	43.76	80.60	43.92	80.20	44.26
	-24.8	-25	95.80	45.32	95.20	45.70	94.40	46.08	94.20	46.26	93.80	46.44	93.20	46.80
	-21.8	-22	104.2	46.74	103.4	47.14	102.8	47.52	102.4	47.72	102.0	47.90	101.4	48.28
	-19.8	-20	110.0	47.70	109.2	48.10	108.4	48.50	108.0	48.70	107.8	48.90	107.0	49.28
	-18.8	-19	113.0	48.18	112.2	48.60	111.4	49.00	111.0	49.20	110.6	49.40	109.8	49.80
	-16.7	-17	119.2	49.16	118.4	49.58	117.4	50.02	117.0	50.22	116.6	50.42	116.0	50.82
	-15	-15.9	122.8	49.74	122.0	50.18	121.2	50.60	120.8	50.82	120.4	51.02	119.0	51.18
	-13.7	-15	126.4	50.30	125.6	50.74	124.8	51.18	124.4	51.40	124.0	51.62	119.0	49.78
	-11.8	-13	132.4	51.22	131.6	51.66	130.6	52.12	130.2	52.34	127.6	51.38	119.0	47.76
	-9.8	-11	139.4	52.26	138.4	52.72	136.0	52.48	131.8	50.72	127.6	49.00	119.0	45.58
	-9.5	-10	142.6	52.74	141.6	53.22	136.0	51.30	131.8	49.60	127.6	47.90	119.0	44.58
	-8.5	-9.1	145.8	53.22	144.6	53.54	136.0	50.18	131.8	48.52	127.6	46.88	119.0	43.62
	-7	-7.6	151.4	54.04	144.6	51.60	136.0	48.38	131.8	46.78	127.6	45.20	119.0	42.06
	-5	-5.6	153.0	52.20	144.6	49.10	136.0	46.04	131.8	44.54	127.6	43.04	119.0	40.08
	-3	-3.7	153.0	49.74	144.6	46.80	136.0	43.90	131.8	42.48	127.6	41.06	119.0	38.24
	0	-0.7	153.0	46.10	144.6	43.40	136.0	40.74	131.8	39.44	127.6	38.14	119.0	35.56
	3	2.2	153.0	42.86	144.6	40.38	136.0	37.94	131.8	36.74	127.6	35.54	119.0	33.16
	5	4.1	153.0	40.88	144.6	38.54	136.0	36.22	131.8	35.08	127.6	33.94	119.0	31.68
	7	6	153.0	38.92	144.6	36.70	136.0	34.50	131.8	33.42	127.6	32.34	119.0	30.20
	9	7.9	153.0	37.02	144.6	34.92	136.0	32.84	131.8	31.82	127.6	30.80	119.0	28.78
	11	9.8	153.0	35.18	144.6	33.20	136.0	31.24	131.8	30.28	127.6	29.32	119.0	27.40
	13	11.8	153.0	33.32	144.6	31.46	136.0	29.62	131.8	28.72	127.6	27.80	119.0	26.02
	15	13.7	153.0	31.62	144.6	29.88	136.0	28.14	131.8	27.28	127.6	26.44	119.0	24.76
80	-30	-30.2	81.80	43.30	81.20	43.62	80.60	43.96	80.40	44.12	80.00	44.28	79.60	44.60
	-24.8	-25	95.00	45.82	94.20	46.18	93.60	46.54	93.20	46.72	93.00	46.90	92.40	47.26
	-21.8	-22	103.0	47.32	102.4	47.70	101.6	48.08	101.4	48.26	101.0	48.44	100.4	48.80
	-19.8	-20	108.8	48.32	108.0	48.72	107.4	49.12	107.0	49.30	106.6	49.50	105.8	49.84
	-18.8	-19	111.8	48.84	111.0	49.24	110.2	49.64	109.8	49.82	109.4	50.02	105.8	48.70
	-16.7	-17	117.8	49.88	117.0	50.30	116.2	50.70	115.8	50.90	113.4	49.96	105.8	46.50
	-15	-15.9	121.4	50.50	120.6	50.92	119.6	51.32	117.2	50.32	113.4	48.62	105.8	45.22
	-13.7	-15	125.0	51.10	124.0	51.54	121.0	50.64	117.2	48.94	113.4	47.26	105.8	43.96
	-11.8	-13	130.6	52.08	128.6	51.80	121.0	48.58	117.2	46.96	113.4	45.34	105.8	42.18
	-9.8	-11	136.0	52.48	128.6	49.38	121.0	46.34	117.2	44.82	113.4	43.32	105.8	40.36
	-9.5	-10	136.0	51.30	128.6	48.28	121.0	45.30	117.2	43.84	113.4	42.38	105.8	39.48
	-8.5	-9.1	136.0	50.18	128.6	47.24	121.0	44.34	117.2	42.90	113.4	41.46	105.8	38.64
	-7	-7.6	136.0	48.38	128.6	45.54	121.0	42.76	117.2	41.38	113.4	40.00	105.8	37.30
	-5	-5.6	136.0	46.04	128.6	43.38	121.0	40.74	117.2	39.42	113.4	38.12	105.8	35.56
	-3	-3.7	136.0	43.90	128.6	41.38	121.0	38.86	117.2	37.64	113.4	36.40	105.8	33.96
	0	-0.7	136.0	40.74	128.6	38.42	121.0	36.12	117.2	34.98	113.4	33.86	105.8	31.62
	3	2.2	136.0	37.94	128.6	35.80	121.0	33.68	117.2	32.64	113.4	31.58	105.8	29.52
	5	4.1	136.0	36.22	128.6	34.18	121.0	32.18	117.2	31.18	113.4	30.18	105.8	28.22
	7	6	136.0	34.50	128.6	32.58	121.0	30.66	117.2	29.72	113.4	28.78	105.8	26.92
	9	7.9	136.0	32.84	128.6	31.02	121.0	29.22	117.2	28.32	113.4	27.44	105.8	25.68
	11	9.8	136.0	31.24	128.6	29.52	121.0	27.82	117.2	26.98	113.4	26.14	105.8	24.48
	13	11.8	136.0	29.62	128.6	28.02	121.0	26.42	117.2	25.62	113.4	24.84	105.8	23.28
	15	13.7	136.0	28.14	128.6	26.62	121.0	25.12	117.2	24.38	113.4	23.64	105.8	22.16
70	-30	-30.2	81.00	43.78	80.40	44.10	79.80	44.42	79.60	44.58	79.20	44.74	78.80	45.06

21. ARUM480LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	93.80	46.44	93.20	46.80	92.60	47.14	92.20	47.32	92.00	47.48	91.40	47.82
	-21.8	-22	101.8	48.02	101.0	48.40	100.4	48.76	100.0	48.94	99.20	48.80	92.60	45.44
	-19.8	-20	107.4	49.10	106.6	49.48	105.8	49.84	102.6	48.22	99.20	46.62	92.60	43.42
	-18.8	-19	110.2	49.66	109.4	50.04	105.8	48.70	102.6	47.12	99.20	45.56	92.60	42.44
	-16.7	-17	116.0	50.78	112.4	49.52	105.8	46.50	102.6	45.00	99.20	43.50	92.60	40.54
	-15	-15.9	119.0	51.18	112.4	48.20	105.8	45.22	102.6	43.74	99.20	42.28	92.60	39.38
	-13.7	-15	119.0	49.78	112.4	46.86	105.8	43.96	102.6	42.52	99.20	41.10	92.60	38.28
	-11.8	-13	119.0	47.76	112.4	44.94	105.8	42.18	102.6	40.80	99.20	39.44	92.60	36.76
	-9.8	-11	119.0	45.58	112.4	42.94	105.8	40.36	102.6	39.08	99.20	37.78	92.60	35.20
	-9.5	-10	119.0	44.58	112.4	42.02	105.8	39.48	102.6	38.22	99.20	36.98	92.60	34.52
	-8.5	-9.1	119.0	43.62	112.4	41.12	105.8	38.64	102.6	37.42	99.20	36.20	92.60	33.80
	-7	-7.6	119.0	42.06	112.4	39.66	105.8	37.30	102.6	36.12	99.20	34.96	92.60	32.64
	-5	-5.6	119.0	40.08	112.4	37.80	105.8	35.56	102.6	34.44	99.20	33.34	92.60	31.14
	-3	-3.7	119.0	38.24	112.4	36.10	105.8	33.96	102.6	32.90	99.20	31.86	92.60	29.78
	0	-0.7	119.0	35.56	112.4	33.58	105.8	31.62	102.6	30.64	99.20	29.68	92.60	27.76
	3	2.2	119.0	33.16	112.4	31.34	105.8	29.52	102.6	28.62	99.20	27.74	92.60	25.96
	5	4.1	119.0	31.68	112.4	29.94	105.8	28.22	102.6	27.36	99.20	26.52	92.60	24.84
	7	6	119.0	30.20	112.4	28.56	105.8	26.92	102.6	26.12	99.20	25.32	92.60	23.72
	9	7.9	119.0	28.78	112.4	27.22	105.8	25.68	102.6	24.92	99.20	24.16	92.60	22.66
	11	9.8	119.0	27.40	112.4	25.94	105.8	24.48	102.6	23.76	99.20	23.04	92.60	21.62
	13	11.8	119.0	26.02	112.4	24.64	105.8	23.28	102.6	22.60	99.20	21.92	92.60	20.58
	15	13.7	119.0	24.76	112.4	23.46	105.8	22.16	102.6	21.52	99.20	20.90	92.60	19.62
60	-30	-30.2	79.80	44.40	79.40	44.72	78.80	45.04	78.60	45.18	78.20	45.34	77.80	45.64
	-24.8	-25	92.40	47.24	91.80	47.58	90.80	47.64	87.80	46.12	85.00	44.60	79.40	41.60
	-21.8	-22	100.0	48.94	96.40	47.36	90.80	44.50	87.80	43.08	85.00	41.68	79.40	38.88
	-19.8	-20	102.0	47.98	96.40	45.24	90.80	42.52	87.80	41.18	85.00	39.84	79.40	37.18
	-18.8	-19	102.0	46.90	96.40	44.22	90.80	41.58	87.80	40.26	85.00	38.94	79.40	36.36
	-16.7	-17	102.0	44.78	96.40	42.24	90.80	39.72	87.80	38.46	85.00	37.22	79.40	34.76
	-15	-15.9	102.0	43.54	96.40	41.04	90.80	38.56	87.80	37.34	85.00	36.12	79.40	33.70
	-13.7	-15	102.0	42.32	96.40	39.90	90.80	37.50	87.80	36.30	85.00	35.12	79.40	32.78
	-11.8	-13	102.0	40.62	96.40	38.28	90.80	35.98	87.80	34.84	85.00	33.72	79.40	31.48
	-9.8	-11	102.0	38.88	96.40	36.66	90.80	34.48	87.80	33.38	85.00	32.30	79.40	30.16
	-9.5	-10	102.0	38.04	96.40	35.92	90.80	33.82	87.80	32.76	85.00	31.74	79.40	29.66
	-8.5	-9.1	102.0	37.24	96.40	35.16	90.80	33.12	87.80	32.10	85.00	31.08	79.40	29.06
	-7	-7.6	102.0	35.96	96.40	33.96	90.80	31.98	87.80	31.00	85.00	30.02	79.40	28.08
	-5	-5.6	102.0	34.28	96.40	32.40	90.80	30.52	87.80	29.60	85.00	28.66	79.40	26.84
	-3	-3.7	102.0	32.76	96.40	30.96	90.80	29.18	87.80	28.30	85.00	27.42	79.40	25.68
	0	-0.7	102.0	30.50	96.40	28.86	90.80	27.22	87.80	26.40	85.00	25.60	79.40	23.98
	3	2.2	102.0	28.50	96.40	26.98	90.80	25.46	87.80	24.72	85.00	23.96	79.40	22.48
	5	4.1	102.0	27.24	96.40	25.80	90.80	24.36	87.80	23.64	85.00	22.92	79.40	21.52
	7	6	102.0	26.00	96.40	24.64	90.80	23.26	87.80	22.60	85.00	21.92	79.40	20.58
	9	7.9	102.0	24.82	96.40	23.52	90.80	22.22	87.80	21.58	85.00	20.94	79.40	19.68
	11	9.8	102.0	23.66	96.40	22.44	90.80	21.22	87.80	20.62	85.00	20.02	79.40	18.82
	13	11.8	102.0	22.50	96.40	21.34	90.80	20.20	87.80	19.64	85.00	19.06	79.40	17.94
	15	13.7	102.0	21.44	96.40	20.34	90.80	19.26	87.80	18.74	85.00	18.20	79.40	17.14
50	-30	-30.2	78.40	45.26	78.00	45.56	75.60	44.52	73.20	43.12	70.80	41.72	66.20	38.96
	-24.8	-25	85.00	44.60	80.40	42.10	75.60	39.62	73.20	38.38	70.80	37.16	66.20	34.72

21. ARUM480LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	85.00	41.68	80.40	39.36	75.60	37.04	73.20	35.90	70.80	34.76	66.20	32.50
	-19.8	-20	85.00	39.84	80.40	37.62	75.60	35.42	73.20	34.34	70.80	33.26	66.20	31.10
	-18.8	-19	85.00	38.96	80.40	36.78	75.60	34.64	73.20	33.58	70.80	32.52	66.20	30.42
	-16.7	-17	85.00	37.22	80.40	35.16	75.60	33.12	73.20	32.12	70.80	31.10	66.20	29.10
	-15	-15.9	85.00	36.12	80.40	34.10	75.60	32.12	73.20	31.12	70.80	30.14	66.20	28.20
	-13.7	-15	85.00	35.12	80.40	33.16	75.60	31.24	73.20	30.28	70.80	29.32	66.20	27.44
	-11.8	-13	85.00	33.72	80.40	31.84	75.60	30.00	73.20	29.08	70.80	28.16	66.20	26.36
	-9.8	-11	85.00	32.30	80.40	30.52	75.60	28.76	73.20	27.88	70.80	27.00	66.20	25.28
	-9.5	-10	85.00	31.74	80.40	30.02	75.60	28.30	73.20	27.46	70.80	26.62	66.20	24.94
	-8.5	-9.1	85.00	31.08	80.40	29.40	75.60	27.74	73.20	26.90	70.80	26.08	66.20	24.44
	-7	-7.6	85.00	30.02	80.40	28.40	75.60	26.80	73.20	26.02	70.80	25.22	66.20	23.66
	-5	-5.6	85.00	28.66	80.40	27.14	75.60	25.62	73.20	24.86	70.80	24.12	66.20	22.62
	-3	-3.7	85.00	27.42	80.40	25.98	75.60	24.54	73.20	23.82	70.80	23.10	66.20	21.68
	0	-0.7	85.00	25.60	80.40	24.26	75.60	22.92	73.20	22.26	70.80	21.60	66.20	20.30
	3	2.2	85.00	23.96	80.40	22.72	75.60	21.50	73.20	20.90	70.80	20.28	66.20	19.06
	5	4.1	85.00	22.92	80.40	21.76	75.60	20.58	73.20	20.00	70.80	19.42	66.20	18.28
	7	6	85.00	21.92	80.40	20.80	75.60	19.70	73.20	19.14	70.80	18.60	66.20	17.52
	9	7.9	85.00	20.94	80.40	19.90	75.60	18.84	73.20	18.32	70.80	17.80	66.20	16.78
	11	9.8	85.00	20.02	80.40	19.02	75.60	18.02	73.20	17.54	70.80	17.04	66.20	16.06
	13	11.8	85.00	19.06	80.40	18.12	75.60	17.20	73.20	16.72	70.80	16.26	66.20	15.34
	15	13.7	85.00	18.20	80.40	17.30	75.60	16.42	73.20	16.00	70.80	15.56	66.20	14.68

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

21. ARUM480LTE6

21.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	84.20	41.94	83.60	42.30	82.80	42.66	82.60	42.82	82.20	43.00	81.60	43.36
	-24.8	-25	98.20	44.04	97.40	44.44	96.60	44.84	96.40	45.04	96.00	45.24	95.20	45.62
	-21.8	-22	106.8	45.24	106.0	45.68	105.4	46.10	105.0	46.30	104.6	46.52	103.8	46.92
	-19.8	-20	113.0	46.06	112.2	46.50	111.4	46.94	111.0	47.16	110.6	47.38	109.8	47.80
	-18.8	-19	116.2	46.46	115.2	46.92	114.4	47.36	114.0	47.58	113.6	47.80	112.8	48.24
	-16.7	-17	122.6	47.28	121.8	47.74	121.0	48.22	120.4	48.44	120.0	48.66	119.2	49.12
	-15	-15.9	126.6	47.76	125.6	48.24	124.8	48.70	124.4	48.94	123.8	49.16	123.0	49.62
	-13.7	-15	130.2	48.18	129.4	48.68	128.4	49.16	128.0	49.40	127.6	49.64	126.8	50.10
	-11.8	-13	136.8	48.96	135.8	49.46	135.0	49.96	134.4	50.20	134.0	50.44	133.0	50.92
	-9.8	-11	144.2	49.80	143.2	50.32	142.2	50.82	141.8	51.08	141.2	51.32	140.2	51.80
	-9.5	-10	147.8	50.18	146.8	50.72	145.8	51.22	145.2	51.48	144.8	51.74	143.6	52.22
	-8.5	-9.1	151.4	50.58	150.2	51.10	149.2	51.62	148.6	51.88	148.2	52.14	147.2	52.64
	-7	-7.6	157.4	51.22	156.2	51.76	155.2	52.30	154.6	52.56	154.0	52.82	153.0	53.32
	-5	-5.6	165.8	52.08	164.6	52.64	163.4	53.20	162.8	53.46	162.2	53.74	161.0	54.26
	-3	-3.7	174.0	52.92	172.8	53.50	171.6	54.06	171.0	54.34	170.4	54.62	169.2	55.14
	0	-0.7	187.6	54.28	186.4	54.86	185.0	55.46	184.2	55.74	183.6	56.02	172.0	52.20
	3	2.2	201.4	55.58	199.8	56.20	196.6	56.04	190.4	54.12	184.2	52.22	172.0	48.48
	5	4.1	209.2	55.94	196.8	52.32	184.4	48.74	178.2	46.98	172.0	45.22	159.6	41.78
	7	6	197.2	48.66	184.6	45.30	172.0	42.02	165.8	40.40	159.4	38.78	146.8	35.60
	9	7.9	184.6	41.86	172.0	38.82	159.2	35.82	152.8	34.34	146.4	32.88	133.6	29.98
	11	9.8	171.6	35.66	158.8	32.92	146.0	30.20	139.6	28.88	133.0	27.54	120.0	24.90
	13	11.8	158.2	29.96	145.2	27.50	132.2	25.08	125.8	23.88	119.2	22.68	106.0	20.32
	15	13.7	144.2	24.90	131.2	22.72	118.0	20.56	111.4	19.48	104.8	18.42	91.40	16.30
120	-30	-30.2	83.80	42.12	83.20	42.48	82.60	42.82	82.20	43.00	82.00	43.18	81.40	43.52
	-24.8	-25	97.60	44.28	97.00	44.68	96.20	45.08	96.00	45.28	95.60	45.46	94.80	45.84
	-21.8	-22	106.4	45.54	105.6	45.96	104.8	46.38	104.4	46.58	104.0	46.78	103.4	47.18
	-19.8	-20	112.4	46.38	111.6	46.82	110.8	47.24	110.4	47.46	110.0	47.66	109.2	48.08
	-18.8	-19	115.6	46.80	114.6	47.24	113.8	47.68	113.4	47.90	113.0	48.12	112.2	48.54
	-16.7	-17	122.0	47.64	121.2	48.10	120.2	48.56	119.8	48.78	119.4	49.00	118.6	49.44
	-15	-15.9	125.8	48.14	125.0	48.60	124.0	49.08	123.6	49.30	123.2	49.52	122.4	49.98
	-13.7	-15	129.4	48.60	128.6	49.08	127.8	49.56	127.4	49.80	126.8	50.02	126.0	50.48
	-11.8	-13	136.0	49.40	135.0	49.90	134.0	50.38	133.6	50.62	133.2	50.86	132.2	51.32
	-9.8	-11	143.4	50.28	142.2	50.78	141.2	51.28	140.8	51.52	140.2	51.76	139.4	52.24
	-9.5	-10	146.8	50.68	145.8	51.20	144.8	51.70	144.2	51.96	143.8	52.20	142.8	52.68
	-8.5	-9.1	150.4	51.10	149.2	51.62	148.2	52.12	147.6	52.38	147.2	52.62	146.2	53.12
	-7	-7.6	156.2	51.76	155.2	52.30	154.0	52.82	153.4	53.08	153.0	53.34	151.8	53.82
	-5	-5.6	164.4	52.68	163.2	53.24	162.2	53.78	161.6	54.04	161.0	54.30	158.8	54.28
	-3	-3.7	172.6	53.58	171.4	54.14	170.2	54.70	169.6	54.96	169.0	55.22	158.8	51.72
	0	-0.7	186.0	55.02	184.6	55.60	181.4	55.34	175.8	53.46	170.0	51.60	158.8	47.90
	3	2.2	199.4	56.40	192.8	54.86	181.4	51.36	175.8	49.62	170.0	47.90	158.8	44.52
	5	4.1	193.2	51.24	181.8	47.96	170.2	44.74	164.6	43.14	158.8	41.56	147.4	38.44
	7	6	182.0	44.60	170.4	41.58	158.8	38.62	153.0	37.14	147.2	35.70	135.6	32.80
	9	7.9	170.4	38.44	158.6	35.70	147.0	33.00	141.2	31.66	135.2	30.32	123.4	27.68
	11	9.8	158.4	32.82	146.6	30.34	134.8	27.88	128.8	26.68	122.8	25.46	110.8	23.06
	13	11.8	146.0	27.64	134.0	25.40	122.0	23.20	116.0	22.12	110.0	21.04	97.80	18.88

21. ARUM480LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	133.2	23.04	121.0	21.06	109.0	19.08	102.8	18.12	96.80	17.14	84.40	15.22
110	-30	-30.2	83.40	42.34	82.80	42.70	82.20	43.04	82.00	43.22	81.60	43.38	81.00	43.72
	-24.8	-25	97.20	44.58	96.40	44.96	95.80	45.36	95.40	45.54	95.00	45.74	94.40	46.10
	-21.8	-22	105.8	45.86	105.0	46.28	104.2	46.70	103.8	46.90	103.4	47.10	102.8	47.50
	-19.8	-20	111.8	46.74	111.0	47.18	110.2	47.60	109.8	47.80	109.4	48.02	108.6	48.42
	-18.8	-19	114.8	47.18	114.0	47.62	113.2	48.04	112.8	48.26	112.4	48.48	111.6	48.88
	-16.7	-17	121.2	48.06	120.4	48.52	119.4	48.96	119.0	49.18	118.6	49.40	117.8	49.82
	-15	-15.9	125.0	48.58	124.2	49.04	123.2	49.50	122.8	49.72	122.4	49.94	121.6	50.38
	-13.7	-15	128.6	49.08	127.8	49.54	127.0	50.02	126.4	50.24	126.0	50.46	125.2	50.92
	-11.8	-13	135.0	49.90	134.0	50.40	133.2	50.86	132.6	51.10	132.2	51.32	131.2	51.78
	-9.8	-11	142.2	50.82	141.2	51.32	140.2	51.82	139.8	52.04	139.2	52.28	138.2	52.74
	-9.5	-10	145.6	51.26	144.6	51.76	143.6	52.26	143.2	52.50	142.6	52.74	141.6	53.20
	-8.5	-9.1	149.0	51.70	148.0	52.20	147.0	52.70	146.4	52.94	146.0	53.18	145.0	53.66
	-7	-7.6	155.0	52.42	153.8	52.92	152.8	53.44	152.2	53.68	151.6	53.94	145.6	51.96
	-5	-5.6	163.0	53.38	161.8	53.92	160.6	54.44	160.0	54.70	156.0	53.24	145.6	49.44
	-3	-3.7	171.0	54.34	169.8	54.88	166.2	54.38	161.2	52.54	156.0	50.72	145.6	47.12
	0	-0.7	184.0	55.86	176.6	53.78	166.2	50.36	161.2	48.68	156.0	47.00	145.6	43.70
	3	2.2	187.0	53.10	176.6	49.90	166.2	46.78	161.2	45.22	156.0	43.68	145.6	40.66
	5	4.1	177.0	46.64	166.6	43.72	156.2	40.82	150.8	39.40	145.6	37.98	135.0	35.16
	7	6	166.8	40.66	156.2	37.96	145.6	35.30	140.2	33.98	135.0	32.66	124.2	30.08
	9	7.9	156.2	35.10	145.4	32.64	134.8	30.22	129.4	29.02	124.0	27.82	113.0	25.44
	11	9.8	145.2	30.04	134.4	27.80	123.6	25.60	118.0	24.50	112.6	23.42	101.6	21.26
	13	11.8	133.8	25.36	122.8	23.36	112.0	21.38	106.4	20.38	100.8	19.42	89.60	17.46
	15	13.7	122.0	21.20	111.0	19.42	99.80	17.64	94.20	16.76	88.60	15.88	77.20	14.14
100	-30	-30.2	83.00	42.60	82.40	42.94	81.80	43.30	81.40	43.46	81.20	43.62	80.60	43.96
	-24.8	-25	96.60	44.92	95.80	45.30	95.20	45.68	94.80	45.86	94.60	46.06	93.80	46.42
	-21.8	-22	105.0	46.26	104.2	46.68	103.6	47.08	103.2	47.26	102.8	47.46	102.2	47.86
	-19.8	-20	111.0	47.18	110.2	47.60	109.4	48.00	109.0	48.22	108.6	48.42	107.8	48.82
	-18.8	-19	114.0	47.64	113.2	48.06	112.4	48.48	112.0	48.70	111.6	48.90	110.8	49.30
	-16.7	-17	120.2	48.56	119.4	49.00	118.6	49.44	118.2	49.66	117.8	49.86	117.0	50.28
	-15	-15.9	124.0	49.12	123.2	49.56	122.2	50.00	121.8	50.22	121.4	50.44	120.6	50.86
	-13.7	-15	127.6	49.62	126.8	50.10	126.0	50.54	125.6	50.76	125.2	51.00	124.4	51.42
	-11.8	-13	133.8	50.50	133.0	50.98	132.0	51.44	131.6	51.66	131.0	51.88	130.2	52.32
	-9.8	-11	140.8	51.48	140.0	51.96	139.0	52.44	138.4	52.66	138.0	52.90	132.2	50.92
	-9.5	-10	144.2	51.94	143.2	52.42	142.2	52.90	141.8	53.14	141.4	53.38	132.2	49.78
	-8.5	-9.1	147.6	52.40	146.6	52.90	145.6	53.38	145.0	53.60	141.8	52.42	132.2	48.70
	-7	-7.6	153.4	53.16	152.2	53.66	151.2	54.14	146.4	52.32	141.8	50.52	132.2	46.96
	-5	-5.6	161.2	54.20	160.0	54.70	151.2	51.50	146.4	49.78	141.8	48.08	132.2	44.70
	-3	-3.7	169.0	55.22	160.6	52.38	151.2	49.08	146.4	47.44	141.8	45.82	132.2	42.64
	0	-0.7	170.0	51.60	160.6	48.52	151.2	45.50	146.4	44.00	141.8	42.52	132.2	39.58
	3	2.2	170.0	47.90	160.6	45.08	151.2	42.30	146.4	40.94	141.8	39.56	132.2	36.86
	5	4.1	161.0	42.16	151.4	39.56	142.0	37.00	137.2	35.72	132.4	34.46	122.8	31.94
	7	6	151.6	36.80	142.0	34.40	132.4	32.04	127.6	30.86	122.6	29.70	113.0	27.38
	9	7.9	142.0	31.84	132.2	29.66	122.4	27.50	117.6	26.42	112.6	25.36	102.8	23.24
	11	9.8	132.0	27.32	122.2	25.34	112.2	23.36	107.4	22.38	102.4	21.42	92.40	19.48
	13	11.8	121.6	23.12	111.8	21.34	101.8	19.56	96.80	18.68	91.60	17.82	81.40	16.06
	15	13.7	111.0	19.40	101.0	17.80	90.80	16.22	85.80	15.42	80.60	14.64	70.20	13.08

21. ARUM480LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	82.40	42.92	81.80	43.26	81.20	43.60	81.00	43.76	80.60	43.92	80.20	44.26
	-24.8	-25	95.80	45.32	95.20	45.70	94.40	46.08	94.20	46.26	93.80	46.44	93.20	46.80
	-21.8	-22	104.2	46.74	103.4	47.14	102.8	47.52	102.4	47.72	102.0	47.90	101.4	48.28
	-19.8	-20	110.0	47.70	109.2	48.10	108.4	48.50	108.0	48.70	107.8	48.90	107.0	49.28
	-18.8	-19	113.0	48.18	112.2	48.60	111.4	49.00	111.0	49.20	110.6	49.40	109.8	49.80
	-16.7	-17	119.2	49.16	118.4	49.58	117.4	50.02	117.0	50.22	116.6	50.42	116.0	50.82
	-15	-15.9	122.8	49.74	122.0	50.18	121.2	50.60	120.8	50.82	120.4	51.02	119.0	51.18
	-13.7	-15	126.4	50.30	125.6	50.74	124.8	51.18	124.4	51.40	124.0	51.62	119.0	49.78
	-11.8	-13	132.4	51.22	131.6	51.66	130.6	52.12	130.2	52.34	127.6	51.38	119.0	47.76
	-9.8	-11	139.4	52.26	138.4	52.72	136.0	52.48	131.8	50.72	127.6	49.00	119.0	45.58
	-9.5	-10	142.6	52.74	141.6	53.22	136.0	51.30	131.8	49.60	127.6	47.90	119.0	44.58
	-8.5	-9.1	145.8	53.22	144.6	53.54	136.0	50.18	131.8	48.52	127.6	46.88	119.0	43.62
	-7	-7.6	151.4	54.04	144.6	51.60	136.0	48.38	131.8	46.78	127.6	45.20	119.0	42.06
	-5	-5.6	153.0	52.20	144.6	49.10	136.0	46.04	131.8	44.54	127.6	43.04	119.0	40.08
	-3	-3.7	153.0	49.74	144.6	46.80	136.0	43.90	131.8	42.48	127.6	41.06	119.0	38.24
	0	-0.7	153.0	46.10	144.6	43.40	136.0	40.74	131.8	39.44	127.6	38.14	119.0	35.56
	3	2.2	153.0	42.86	144.6	40.38	136.0	37.94	131.8	36.74	127.6	35.54	119.0	33.16
	5	4.1	144.8	37.80	136.4	35.50	127.8	33.24	123.4	32.12	119.2	31.00	110.4	28.78
	7	6	136.4	33.04	127.8	30.94	119.2	28.84	114.8	27.82	110.4	26.78	101.6	24.74
	9	7.9	127.8	28.66	119.0	26.74	110.2	24.82	105.8	23.88	101.4	22.94	92.60	21.06
	11	9.8	118.8	24.66	110.0	22.90	101.0	21.16	96.60	20.30	92.20	19.44	83.20	17.72
	13	11.8	109.4	20.94	100.6	19.36	91.60	17.80	87.00	17.02	82.60	16.24	73.40	14.68
	15	13.7	99.80	17.64	90.80	16.22	81.80	14.82	77.20	14.12	72.60	13.42	63.20	12.02
80	-30	-30.2	81.80	43.30	81.20	43.62	80.60	43.96	80.40	44.12	80.00	44.28	79.60	44.60
	-24.8	-25	95.00	45.82	94.20	46.18	93.60	46.54	93.20	46.72	93.00	46.90	92.40	47.26
	-21.8	-22	103.0	47.32	102.4	47.70	101.6	48.08	101.4	48.26	101.0	48.44	100.4	48.80
	-19.8	-20	108.8	48.32	108.0	48.72	107.4	49.12	107.0	49.30	106.6	49.50	105.8	49.84
	-18.8	-19	111.8	48.84	111.0	49.24	110.2	49.64	109.8	49.82	109.4	50.02	105.8	48.70
	-16.7	-17	117.8	49.88	117.0	50.30	116.2	50.70	115.8	50.90	113.4	49.96	105.8	46.50
	-15	-15.9	121.4	50.50	120.6	50.92	119.6	51.32	117.2	50.32	113.4	48.62	105.8	45.22
	-13.7	-15	125.0	51.10	124.0	51.54	121.0	50.64	117.2	48.94	113.4	47.26	105.8	43.96
	-11.8	-13	130.6	52.08	128.6	51.80	121.0	48.58	117.2	46.96	113.4	45.34	105.8	42.18
	-9.8	-11	136.0	52.48	128.6	49.38	121.0	46.34	117.2	44.82	113.4	43.32	105.8	40.36
	-9.5	-10	136.0	51.30	128.6	48.28	121.0	45.30	117.2	43.84	113.4	42.38	105.8	39.48
	-8.5	-9.1	136.0	50.18	128.6	47.24	121.0	44.34	117.2	42.90	113.4	41.46	105.8	38.64
	-7	-7.6	136.0	48.38	128.6	45.54	121.0	42.76	117.2	41.38	113.4	40.00	105.8	37.30
	-5	-5.6	136.0	46.04	128.6	43.38	121.0	40.74	117.2	39.42	113.4	38.12	105.8	35.56
	-3	-3.7	136.0	43.90	128.6	41.38	121.0	38.86	117.2	37.64	113.4	36.40	105.8	33.96
	0	-0.7	136.0	40.74	128.6	38.42	121.0	36.12	117.2	34.98	113.4	33.86	105.8	31.62
	3	2.2	136.0	37.94	128.6	35.80	121.0	33.68	117.2	32.64	113.4	31.58	105.8	29.52
	5	4.1	128.8	33.52	121.2	31.54	113.6	29.56	109.8	28.58	105.8	27.62	98.20	25.70
	7	6	121.4	29.36	113.6	27.54	105.8	25.72	102.0	24.82	98.20	23.94	90.40	22.16
	9	7.9	113.6	25.54	105.8	23.88	98.00	22.20	94.00	21.38	90.20	20.56	82.20	18.92
	11	9.8	105.6	22.04	97.80	20.52	89.80	19.00	85.80	18.24	81.80	17.50	73.80	16.00
	13	11.8	97.40	18.80	89.40	17.42	81.40	16.04	77.40	15.36	73.40	14.68	65.20	13.34
	15	13.7	88.80	15.90	80.80	14.66	72.60	13.44	68.60	12.82	64.40	12.20	56.20	10.98
70	-30	-30.2	81.00	43.78	80.40	44.10	79.80	44.42	79.60	44.58	79.20	44.74	78.80	45.06

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	93.80	46.44	93.20	46.80	92.60	47.14	92.20	47.32	92.00	47.48	91.40	47.82
	-21.8	-22	101.8	48.02	101.0	48.40	100.4	48.76	100.0	48.94	99.20	48.80	92.60	45.44
	-19.8	-20	107.4	49.10	106.6	49.48	105.8	49.84	102.6	48.22	99.20	46.62	92.60	43.42
	-18.8	-19	110.2	49.66	109.4	50.04	105.8	48.70	102.6	47.12	99.20	45.56	92.60	42.44
	-16.7	-17	116.0	50.78	112.4	49.52	105.8	46.50	102.6	45.00	99.20	43.50	92.60	40.54
	-15	-15.9	119.0	51.18	112.4	48.20	105.8	45.22	102.6	43.74	99.20	42.28	92.60	39.38
	-13.7	-15	119.0	49.78	112.4	46.86	105.8	43.96	102.6	42.52	99.20	41.10	92.60	38.28
	-11.8	-13	119.0	47.76	112.4	44.94	105.8	42.18	102.6	40.80	99.20	39.44	92.60	36.76
	-9.8	-11	119.0	45.58	112.4	42.94	105.8	40.36	102.6	39.08	99.20	37.78	92.60	35.20
	-9.5	-10	119.0	44.58	112.4	42.02	105.8	39.48	102.6	38.22	99.20	36.98	92.60	34.52
	-8.5	-9.1	119.0	43.62	112.4	41.12	105.8	38.64	102.6	37.42	99.20	36.20	92.60	33.80
	-7	-7.6	119.0	42.06	112.4	39.66	105.8	37.30	102.6	36.12	99.20	34.96	92.60	32.64
	-5	-5.6	119.0	40.08	112.4	37.80	105.8	35.56	102.6	34.44	99.20	33.34	92.60	31.14
	-3	-3.7	119.0	38.24	112.4	36.10	105.8	33.96	102.6	32.90	99.20	31.86	92.60	29.78
	0	-0.7	119.0	35.56	112.4	33.58	105.8	31.62	102.6	30.64	99.20	29.68	92.60	27.76
	3	2.2	119.0	33.16	112.4	31.34	105.8	29.52	102.6	28.62	99.20	27.74	92.60	25.96
	5	4.1	112.6	29.36	106.0	27.66	99.40	25.98	96.00	25.14	92.60	24.30	86.00	22.66
	7	6	106.2	25.78	99.40	24.22	92.60	22.68	89.20	21.90	85.80	21.14	79.00	19.60
	9	7.9	99.40	22.50	92.60	21.06	85.80	19.64	82.40	18.94	78.80	18.24	72.00	16.82
	11	9.8	92.40	19.48	85.60	18.18	78.60	16.88	75.20	16.24	71.60	15.58	64.60	14.30
	13	11.8	85.20	16.68	78.20	15.50	71.20	14.34	67.80	13.74	64.20	13.16	57.00	11.98
	15	13.7	77.60	14.20	70.60	13.12	63.60	12.08	60.00	11.54	56.40	11.02	49.20	9.96
60	-30	-30.2	79.80	44.40	79.40	44.72	78.80	45.04	78.60	45.18	78.20	45.34	77.80	45.64
	-24.8	-25	92.40	47.24	91.80	47.58	90.80	47.64	87.80	46.12	85.00	44.60	79.40	41.60
	-21.8	-22	100.0	48.94	96.40	47.36	90.80	44.50	87.80	43.08	85.00	41.68	79.40	38.88
	-19.8	-20	102.0	47.98	96.40	45.24	90.80	42.52	87.80	41.18	85.00	39.84	79.40	37.18
	-18.8	-19	102.0	46.90	96.40	44.22	90.80	41.58	87.80	40.26	85.00	38.94	79.40	36.36
	-16.7	-17	102.0	44.78	96.40	42.24	90.80	39.72	87.80	38.46	85.00	37.22	79.40	34.76
	-15	-15.9	102.0	43.54	96.40	41.04	90.80	38.56	87.80	37.34	85.00	36.12	79.40	33.70
	-13.7	-15	102.0	42.32	96.40	39.90	90.80	37.50	87.80	36.30	85.00	35.12	79.40	32.78
	-11.8	-13	102.0	40.62	96.40	38.28	90.80	35.98	87.80	34.84	85.00	33.72	79.40	31.48
	-9.8	-11	102.0	38.88	96.40	36.66	90.80	34.48	87.80	33.38	85.00	32.30	79.40	30.16
	-9.5	-10	102.0	38.04	96.40	35.92	90.80	33.82	87.80	32.76	85.00	31.74	79.40	29.66
	-8.5	-9.1	102.0	37.24	96.40	35.16	90.80	33.12	87.80	32.10	85.00	31.08	79.40	29.06
	-7	-7.6	102.0	35.96	96.40	33.96	90.80	31.98	87.80	31.00	85.00	30.02	79.40	28.08
	-5	-5.6	102.0	34.28	96.40	32.40	90.80	30.52	87.80	29.60	85.00	28.66	79.40	26.84
	-3	-3.7	102.0	32.76	96.40	30.96	90.80	29.18	87.80	28.30	85.00	27.42	79.40	25.68
	0	-0.7	102.0	30.50	96.40	28.86	90.80	27.22	87.80	26.40	85.00	25.60	79.40	23.98
	3	2.2	102.0	28.50	96.40	26.98	90.80	25.46	87.80	24.72	85.00	23.96	79.40	22.48
	5	4.1	96.60	25.28	90.80	23.88	85.20	22.46	82.20	21.76	79.40	21.06	73.60	19.68
	7	6	91.00	22.30	85.20	20.98	79.40	19.68	76.60	19.04	73.60	18.40	67.80	17.12
	9	7.9	85.20	19.52	79.40	18.32	73.40	17.14	70.60	16.54	67.60	15.94	61.60	14.76
	11	9.8	79.20	16.98	73.20	15.90	67.40	14.80	64.40	14.26	61.40	13.72	55.40	12.62
	13	11.8	73.00	14.62	67.00	13.64	61.00	12.64	58.00	12.16	55.00	11.66	48.80	10.66
	15	13.7	66.60	12.52	60.60	11.62	54.40	10.74	51.40	10.28	48.40	9.84	42.20	8.94
50	-30	-30.2	78.40	45.26	78.00	45.56	75.60	44.52	73.20	43.12	70.80	41.72	66.20	38.96
	-24.8	-25	85.00	44.60	80.40	42.10	75.60	39.62	73.20	38.38	70.80	37.16	66.20	34.72

21. ARUM480LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	85.00	41.68	80.40	39.36	75.60	37.04	73.20	35.90	70.80	34.76	66.20	32.50
	-19.8	-20	85.00	39.84	80.40	37.62	75.60	35.42	73.20	34.34	70.80	33.26	66.20	31.10
	-18.8	-19	85.00	38.96	80.40	36.78	75.60	34.64	73.20	33.58	70.80	32.52	66.20	30.42
	-16.7	-17	85.00	37.22	80.40	35.16	75.60	33.12	73.20	32.12	70.80	31.10	66.20	29.10
	-15	-15.9	85.00	36.12	80.40	34.10	75.60	32.12	73.20	31.12	70.80	30.14	66.20	28.20
	-13.7	-15	85.00	35.12	80.40	33.16	75.60	31.24	73.20	30.28	70.80	29.32	66.20	27.44
	-11.8	-13	85.00	33.72	80.40	31.84	75.60	30.00	73.20	29.08	70.80	28.16	66.20	26.36
	-9.8	-11	85.00	32.30	80.40	30.52	75.60	28.76	73.20	27.88	70.80	27.00	66.20	25.28
	-9.5	-10	85.00	31.74	80.40	30.02	75.60	28.30	73.20	27.46	70.80	26.62	66.20	24.94
	-8.5	-9.1	85.00	31.08	80.40	29.40	75.60	27.74	73.20	26.90	70.80	26.08	66.20	24.44
	-7	-7.6	85.00	30.02	80.40	28.40	75.60	26.80	73.20	26.02	70.80	25.22	66.20	23.66
	-5	-5.6	85.00	28.66	80.40	27.14	75.60	25.62	73.20	24.86	70.80	24.12	66.20	22.62
	-3	-3.7	85.00	27.42	80.40	25.98	75.60	24.54	73.20	23.82	70.80	23.10	66.20	21.68
	0	-0.7	85.00	25.60	80.40	24.26	75.60	22.92	73.20	22.26	70.80	21.60	66.20	20.30
	3	2.2	85.00	23.96	80.40	22.72	75.60	21.50	73.20	20.90	70.80	20.28	66.20	19.06
	5	4.1	80.40	21.34	75.80	20.18	71.00	19.04	68.60	18.46	66.20	17.90	61.40	16.78
	7	6	75.80	18.88	71.00	17.82	66.20	16.76	63.80	16.24	61.40	15.72	56.40	14.66
	9	7.9	71.00	16.62	66.20	15.64	61.20	14.68	58.80	14.18	56.40	13.70	51.40	12.74
	11	9.8	66.00	14.54	61.00	13.64	56.20	12.76	53.60	12.32	51.20	11.86	46.20	10.98
	13	11.8	60.80	12.60	55.80	11.80	50.80	10.98	48.40	10.58	45.80	10.18	40.80	9.36
	15	13.7	55.40	10.88	50.40	10.14	45.40	9.42	42.80	9.04	40.20	8.68	35.20	7.94

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

21. ARUM480LTE6

21.5 Capacity Correction Factor

21.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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21.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

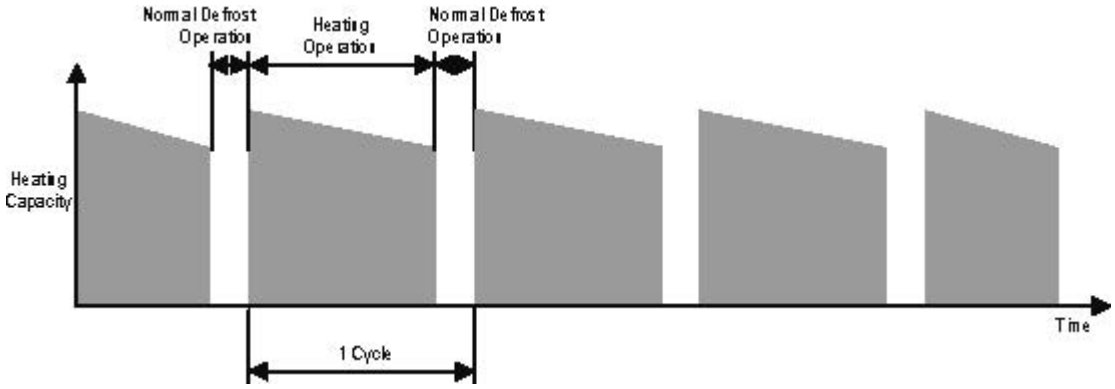
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

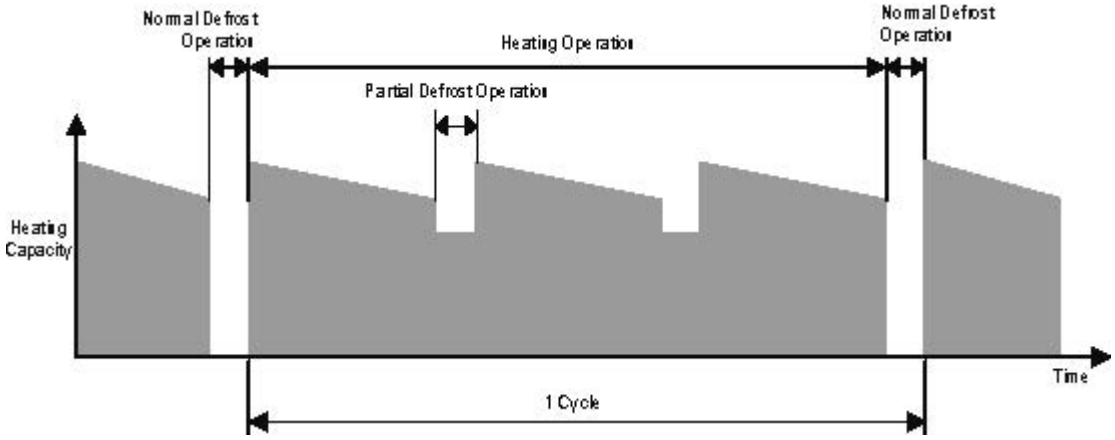
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

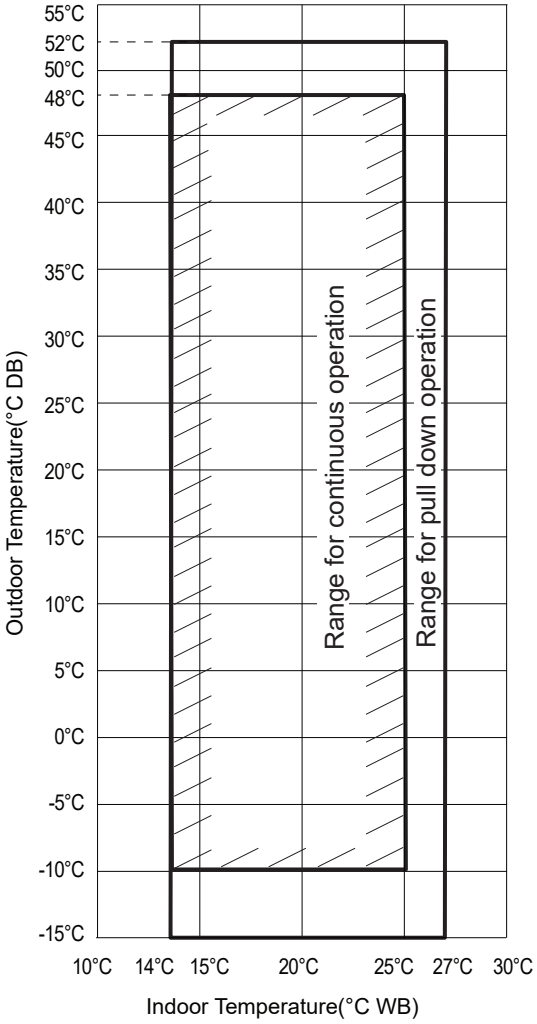


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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21.6 Operation Limits

21.6.1 Cooling

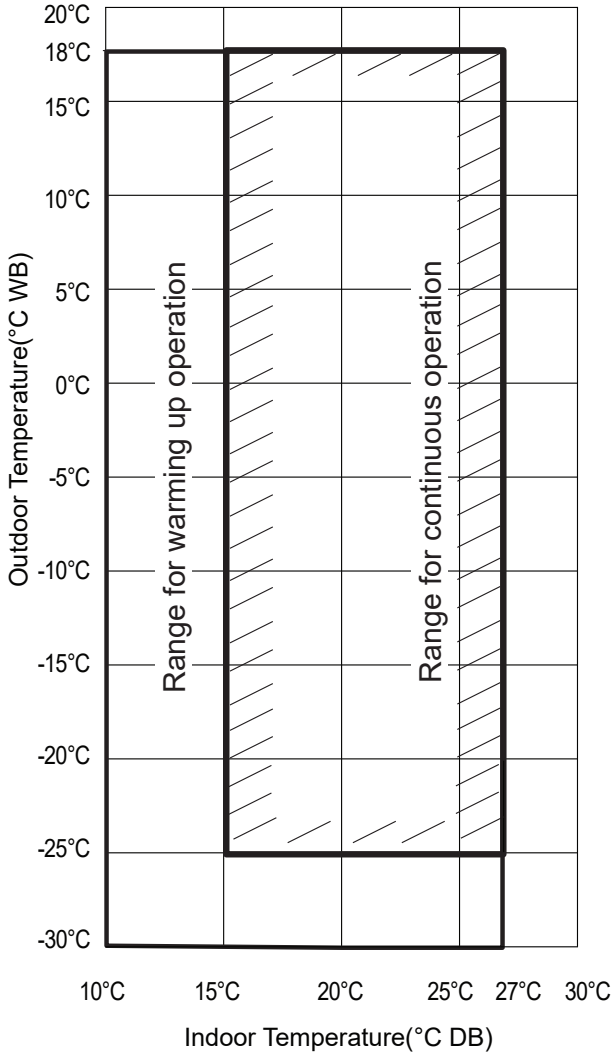


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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21.6.2 Heating

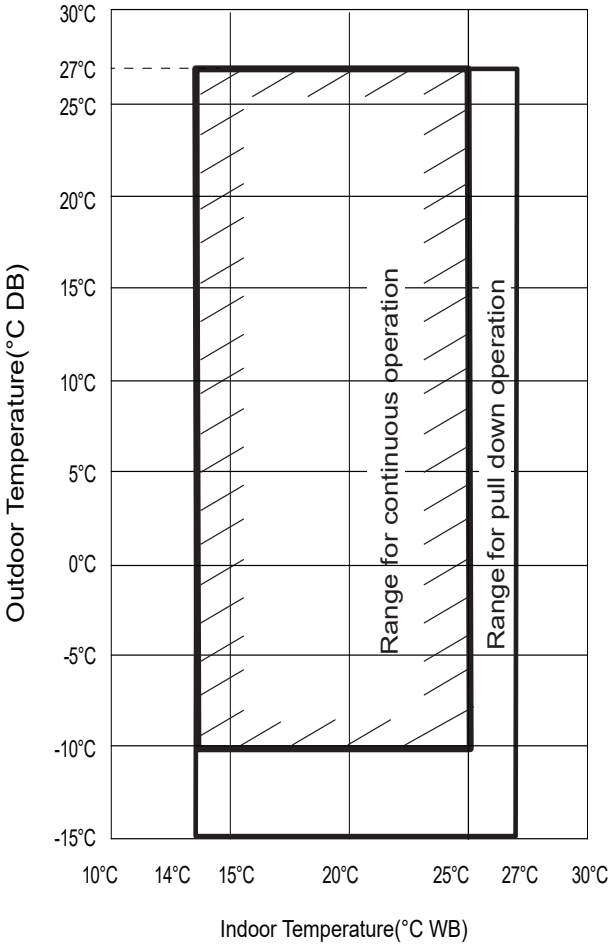


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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21.6.3 Simultaneous Operation (Cooling)

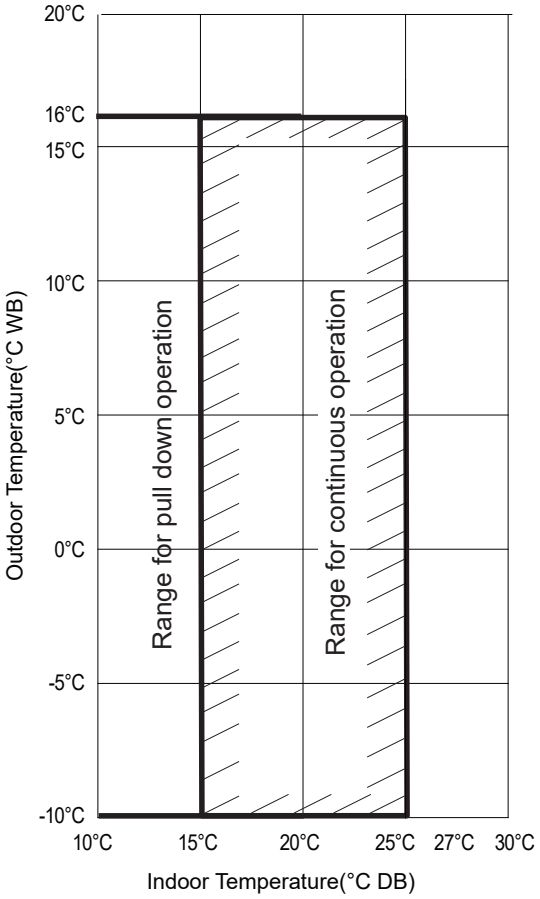


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

21. ARUM480LTE6

21.6.4 Simultaneous Operation (Heating)



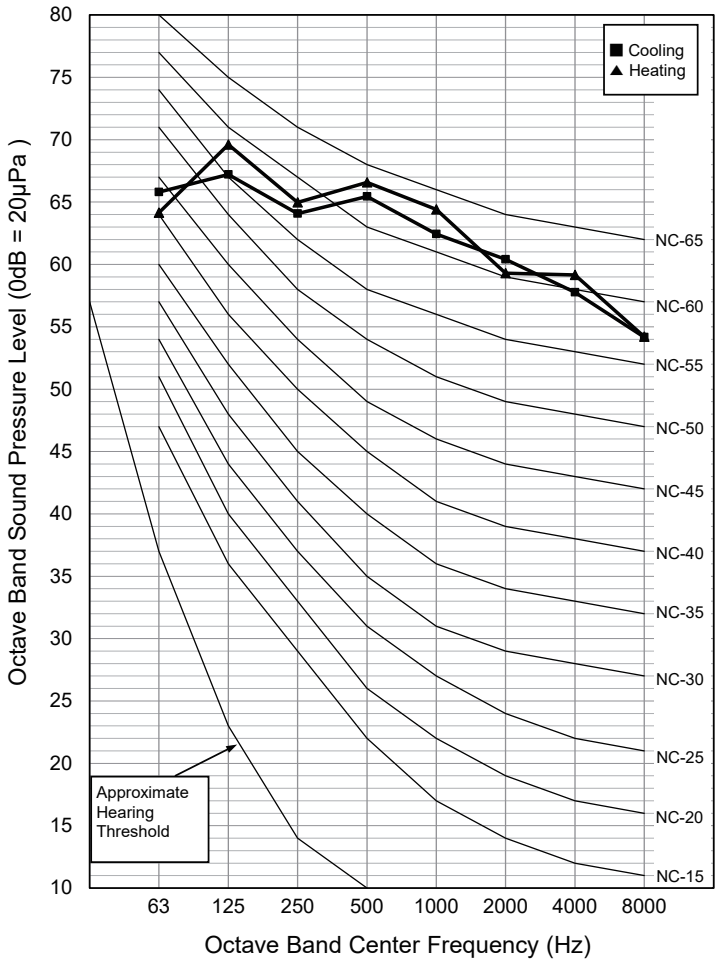
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

21. ARUM480LTE6

21.7 Sound Levels

21.7.1 Pressure Levels



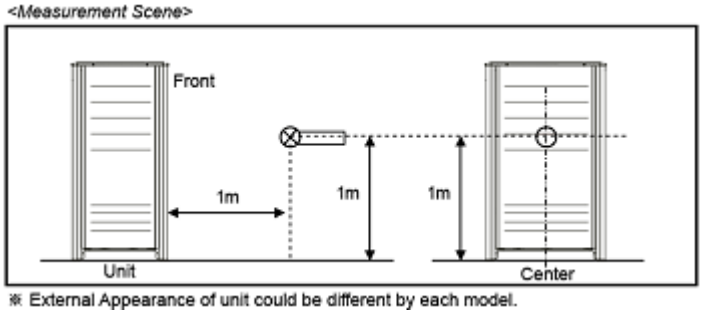
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	65.8	67.2	64.1	65.4	62.4	60.4	57.8	54.2
Heating[dB]	64.1	69.6	65.0	66.6	64.4	59.3	59.2	54.2

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	68.0 / 69.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

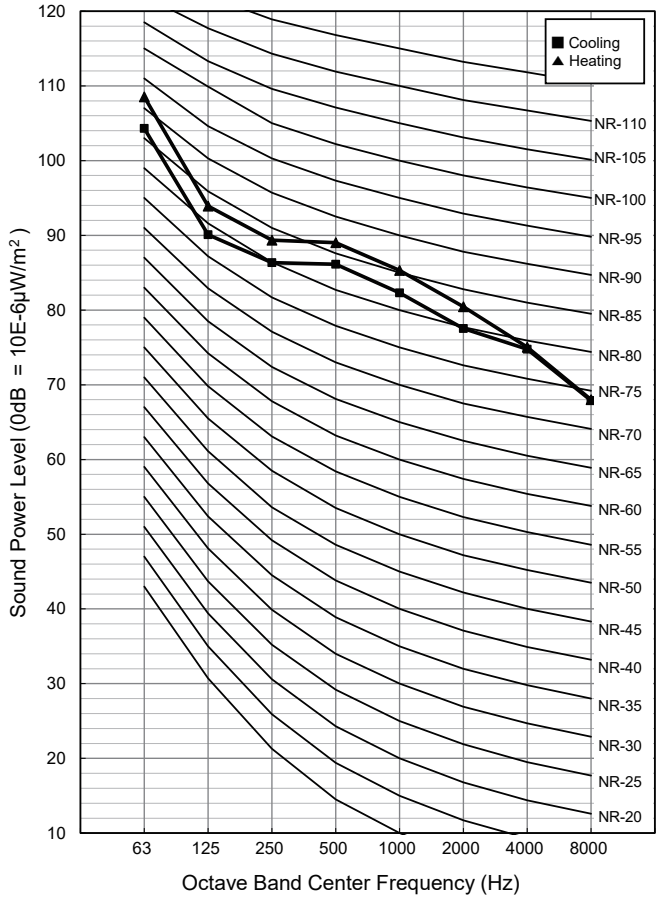
<Measurement Scene>



※ External Appearance of unit could be different by each model.

21. ARUM480LTE6

21.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	104.3	90.1	86.3	86.1	82.3	77.5	74.7	67.9
Heating[dB]	108.5	93.9	89.4	89.0	85.3	80.4	75.0	68.0

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	88.0 / 91.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

22. ARUM500LTE6

22.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXA
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM180LTE6
	Combination Unit (3)	-	ARUM120LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	71.2 - 67.64 - 65.19
	Running Current by Voltage (Heating,Rated)	A	50.64 - 48.11 - 46.37
Cooling Capacity	Rated	kW	140.0
		Btu/h	477,700
Heating Capacity	Rated	kW	140.0
		Btu/h	477,700
	Max	kW	157.5
		Btu/h	537,400
Power Input(Cooling)	Rated	kW	43.58
Power Input(Heating)	Rated	kW	31.00
Efficiency	EER(Rated)	W/W	3.21
	COP(Rated)	W/W	4.52
	SEER	Wh/Wh	8.34
	SCOP	Wh/Wh	4.97
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (220 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (1,200 × 1)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 5
	Number of Revolution	rev./min	3,600 x 5
	Motor Output	W x No.	5,300 x 5
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	3
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,240 x 1,745 x 760) x 2) + ((930 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,282 x 1,919 x 802) x 2) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	(300 x 1) + (300 x 1) + (215 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (225 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	41.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	86.631
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	65.6 / 66.8
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	89.1 / 91.3
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	118.2
	Maximum Fuse Amperes (MFA)	A	150
	Total Over Current Amperes (TOCA)	A	130.0
	Comp_Maximum Starting Current (MSC)	A	29.5
	Comp_Rated Load Amperes (Cooling)	A	63.7
	Comp_Rated Load Amperes (Heating)	A	43.1
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	7.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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22.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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22.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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22.4 Capacity Tables

22.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	109.3	11.07	138.0	15.34	168.9	22.31	182.0	25.85	196.6	30.41	209.0	34.49	218.8	37.82
	12	109.3	12.09	138.0	16.91	168.9	24.52	182.0	28.33	196.6	33.16	209.0	37.30	218.8	40.65
	14	109.3	13.23	138.0	18.63	168.9	26.94	182.0	31.03	196.6	36.12	209.0	40.38	218.8	43.69
	16	109.3	14.49	138.0	20.55	168.9	29.59	182.0	33.97	196.6	39.29	209.0	43.71	218.8	47.00
	18	109.3	15.89	138.0	22.66	168.9	32.47	182.0	37.18	196.6	42.73	209.0	47.14	218.5	49.83
	20	109.3	17.45	138.0	24.95	168.9	35.61	182.0	40.62	196.6	45.66	209.0	49.43	218.1	51.82
	21	109.3	18.28	138.0	26.19	168.9	37.25	182.0	41.96	196.6	46.82	209.0	50.54	217.9	52.88
	23	109.3	20.10	138.0	28.83	168.9	39.68	182.0	44.40	196.6	49.26	209.0	52.89	217.4	55.19
	25	109.3	22.08	138.0	31.08	168.9	42.07	182.0	46.96	196.6	51.90	208.6	55.40	216.8	57.73
	27	109.3	23.92	138.0	33.10	168.9	44.65	182.0	49.61	196.6	54.67	208.1	58.11	216.3	60.56
	29	109.3	25.50	138.0	35.26	168.9	47.41	182.0	52.48	196.6	57.60	207.5	61.10	215.6	63.70
	31	109.3	27.17	138.0	37.58	168.9	50.42	182.0	55.59	196.6	60.84	206.8	64.43	215.0	67.23
	33	109.3	28.97	138.0	40.06	168.9	53.61	182.0	59.01	195.9	64.23	205.2	67.76	207.1	68.35
	35	109.3	30.88	138.0	42.74	168.9	56.96	182.0	62.68	193.9	67.41	195.0	67.75	195.6	67.88
	37	109.3	32.93	138.0	45.64	168.9	60.63	180.6	66.08	181.1	66.29	181.0	66.26	180.9	66.26
	39	109.3	35.11	138.0	48.63	167.8	64.21	167.8	64.22	167.8	64.25	167.8	64.25	167.8	64.24
	41	109.3	37.44	138.0	51.88	155.1	61.62	155.1	61.66	155.1	61.62	154.9	61.53	155.1	61.63
	43	109.3	39.95	138.0	55.46	142.8	58.30	142.7	58.29	142.7	58.26	142.7	58.24	142.5	58.22
	46	109.3	44.09	125.3	53.50	125.2	53.50	125.1	53.49	125.2	53.48	125.0	53.43	125.0	53.46
	48	109.3	47.15	114.2	50.18	114.1	50.16	114.1	50.17	114.3	50.33	114.0	50.17	114.1	50.18
	50	104.0	47.16	103.7	47.12	103.6	47.05	103.6	47.08	103.5	47.04	103.5	47.03	103.5	47.04
	52	92.50	42.19	93.30	40.71	93.60	39.26	93.70	38.98	93.60	38.62	93.70	38.35	93.80	38.16
120	10	100.9	10.15	127.5	13.54	155.9	19.02	168.0	22.03	181.4	25.71	193.0	29.22	202.0	32.20
	12	100.9	11.03	127.5	14.89	155.9	20.99	168.0	24.26	181.4	28.18	193.0	31.92	202.0	34.94
	14	100.9	12.01	127.5	16.40	155.9	23.14	168.0	26.66	181.4	30.87	193.0	34.84	202.0	37.93
	16	100.9	13.10	127.5	18.05	155.9	25.49	168.0	29.27	181.4	33.79	193.0	38.03	202.0	41.18
	18	100.9	14.33	127.5	19.88	155.9	28.07	168.0	32.13	181.4	37.00	193.0	41.41	202.0	44.71
	20	100.9	15.68	127.5	21.90	155.9	30.90	168.0	35.25	181.4	40.43	193.0	44.51	202.0	47.35
	21	100.9	16.41	127.5	22.98	155.9	32.40	168.0	36.88	181.4	41.79	193.0	45.66	202.0	48.53
	23	100.9	18.01	127.5	25.30	155.9	35.22	168.0	39.32	181.4	44.22	193.0	48.08	202.0	50.97
	25	100.9	19.76	127.5	27.66	155.9	37.40	168.0	41.71	181.4	46.80	193.0	50.68	202.0	53.51
	27	100.9	21.60	127.5	29.47	155.9	39.73	168.0	44.26	181.4	49.44	193.0	53.49	202.0	56.26
	29	100.9	23.02	127.5	31.41	155.9	42.21	168.0	47.00	181.4	52.29	193.0	56.47	201.7	59.21
	31	100.9	24.52	127.5	33.47	155.9	44.88	168.0	49.98	181.4	55.40	193.0	59.63	201.0	62.38
	33	100.9	26.13	127.5	35.67	155.9	47.74	168.0	53.21	181.4	58.80	192.9	63.11	200.4	65.91
	35	100.9	27.86	127.5	38.05	155.9	50.86	168.0	56.51	181.4	62.49	192.2	66.77	194.7	67.70
	37	100.9	29.71	127.5	40.59	155.9	54.25	168.0	60.15	180.5	66.02	181.1	66.29	181.0	66.24
	39	100.9	31.68	127.5	43.32	155.9	58.01	167.6	64.00	168.0	64.29	167.8	64.26	167.8	64.26
	41	100.9	33.77	127.5	46.28	155.3	61.65	155.1	61.62	155.0	61.57	155.0	61.58	155.0	61.58
	43	100.9	36.03	127.5	49.52	142.9	58.35	142.9	58.31	142.7	58.25	142.7	58.23	142.7	58.30
	46	100.9	39.71	125.3	53.55	125.2	53.47	125.2	53.47	125.1	53.46	125.0	53.44	125.1	53.43
	48	100.9	42.41	114.2	50.18	114.2	50.20	114.2	50.24	114.0	50.17	114.0	50.14	114.0	50.12
	50	100.9	45.32	103.8	47.10	103.6	47.08	103.6	47.08	103.6	47.09	103.4	46.97	103.6	47.02
	52	92.30	42.72	93.00	41.33	93.70	39.87	93.60	39.58	93.80	39.27	93.80	39.03	93.70	38.87
110	10	92.50	9.38	116.8	12.02	143.0	16.26	153.9	18.57	166.3	21.60	176.8	24.41	185.0	26.78
	12	92.50	10.10	116.8	13.16	143.0	17.94	153.9	20.48	166.3	23.79	176.8	26.79	185.0	29.33
	14	92.50	10.93	116.8	14.44	143.0	19.77	153.9	22.59	166.3	26.18	176.8	29.38	185.0	32.09

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	92.50	11.86	116.8	15.87	143.0	21.81	153.9	24.89	166.3	28.76	176.8	32.21	185.0	35.10
	18	92.50	12.92	116.8	17.44	143.0	24.04	153.9	27.41	166.3	31.58	176.8	35.29	185.0	38.40
	20	92.50	14.09	116.8	19.17	143.0	26.47	153.9	30.18	166.3	34.64	176.8	38.65	185.0	41.81
	21	92.50	14.72	116.8	20.10	143.0	27.77	153.9	31.66	166.3	36.29	176.8	40.12	185.0	43.11
	23	92.50	16.10	116.8	22.12	143.0	30.58	153.9	34.51	166.3	38.76	176.8	42.52	185.0	45.52
	25	92.50	17.63	116.8	24.34	143.0	32.74	153.9	36.73	166.3	41.12	176.8	45.07	185.0	48.03
	27	92.50	19.33	116.8	26.12	143.0	34.87	153.9	39.00	166.3	43.63	176.8	47.80	185.0	50.74
	29	92.50	20.71	116.8	27.84	143.0	37.15	153.9	41.44	166.3	46.35	176.8	50.61	185.0	53.65
	31	92.50	22.05	116.8	29.67	143.0	39.59	153.9	44.05	166.3	49.26	176.8	53.61	185.0	56.85
	33	92.50	23.50	116.8	31.62	143.0	42.21	153.9	46.87	166.3	52.47	176.8	56.88	185.0	60.29
	35	92.50	25.04	116.8	33.72	143.0	44.96	153.9	49.92	166.3	55.81	176.8	60.49	185.0	63.94
	37	92.50	26.69	116.8	35.95	143.0	47.88	153.9	53.24	166.3	59.38	176.8	64.45	181.1	66.27
	39	92.50	28.47	116.8	38.34	143.0	51.05	153.9	56.89	166.3	63.33	167.9	64.26	167.9	64.22
	41	92.50	30.35	116.8	40.92	143.0	54.54	153.9	60.94	155.3	61.64	155.0	61.60	155.0	61.61
	43	92.50	32.38	116.8	43.71	142.8	58.22	142.9	58.36	142.9	58.31	142.6	58.24	142.7	58.25
	46	92.50	35.67	116.8	48.31	125.2	53.52	125.2	53.50	125.1	53.49	125.1	53.49	125.0	53.44
	48	92.50	38.05	114.3	50.25	114.2	50.24	114.1	50.19	114.2	50.19	114.1	50.19	114.1	50.18
	50	92.50	40.61	103.9	47.15	103.7	47.11	103.6	47.09	103.6	47.07	103.5	47.03	103.6	47.07
	52	92.00	43.01	92.60	42.02	93.50	40.60	93.60	40.31	93.80	40.04	93.60	39.74	93.70	39.36
100	10	84.10	8.69	106.2	10.72	130.0	13.94	140.0	15.69	151.2	17.96	160.8	20.19	168.3	22.13
	12	84.10	9.31	106.2	11.68	130.0	15.35	140.0	17.29	151.2	19.82	160.8	22.26	168.3	24.36
	14	84.10	10.00	106.2	12.75	130.0	16.90	140.0	19.07	151.2	21.85	160.8	24.52	168.3	26.75
	16	84.10	10.79	106.2	13.95	130.0	18.62	140.0	21.03	151.2	24.09	160.8	27.00	168.3	29.38
	18	84.10	11.66	106.2	15.28	130.0	20.50	140.0	23.18	151.2	26.54	160.8	29.72	168.3	32.26
	20	84.10	12.67	106.2	16.77	130.0	22.59	140.0	25.54	151.2	29.22	160.8	32.67	168.3	35.37
	21	84.10	13.20	106.2	17.56	130.0	23.71	140.0	26.79	151.2	30.66	160.8	34.22	168.3	37.02
	23	84.10	14.38	106.2	19.29	130.0	26.10	140.0	29.50	151.2	33.51	160.8	36.86	168.3	39.45
	25	84.10	15.71	106.2	21.19	130.0	28.45	140.0	31.72	151.2	35.70	160.8	39.11	168.3	41.83
	27	84.10	17.18	106.2	23.04	130.0	30.31	140.0	33.79	151.2	38.00	160.8	41.52	168.3	44.39
	29	84.10	18.56	106.2	24.54	130.0	32.29	140.0	35.98	151.2	40.40	160.8	44.11	168.3	47.14
	31	84.10	19.75	106.2	26.15	130.0	34.42	140.0	38.35	151.2	42.94	160.8	46.89	168.3	50.13
	33	84.10	21.03	106.2	27.88	130.0	36.68	140.0	40.88	151.2	45.67	160.8	49.90	168.3	53.36
	35	84.10	22.41	106.2	29.73	130.0	39.11	140.0	43.63	151.2	48.65	160.8	53.19	168.3	56.67
	37	84.10	23.88	106.2	31.69	130.0	41.73	140.0	46.49	151.2	51.86	160.8	56.80	168.3	60.31
	39	84.10	25.46	106.2	33.80	130.0	44.57	140.0	49.56	151.2	55.38	160.8	60.51	167.7	64.07
	41	84.10	27.16	106.2	36.04	130.0	47.63	140.0	52.90	151.2	59.28	155.1	61.61	155.2	61.65
	43	84.10	28.96	106.2	38.46	130.0	50.94	140.0	56.58	142.7	58.27	142.9	58.32	142.9	58.32
	46	84.10	31.91	106.2	42.42	125.2	53.53	125.3	53.51	125.3	53.50	125.3	53.51	125.2	53.48
	48	84.10	34.03	106.2	45.31	114.3	50.23	114.2	50.22	114.2	50.21	114.2	50.21	114.2	50.22
	50	84.10	36.32	103.9	47.12	103.7	47.10	103.7	47.10	103.6	47.05	103.6	47.05	103.6	47.04
	52	84.10	38.75	92.40	42.42	92.90	41.38	93.20	40.93	93.60	40.51	93.80	40.08	93.80	39.72
90	10	75.80	8.12	95.50	9.65	117.0	12.02	125.9	13.32	136.1	14.99	144.7	16.60	151.4	18.02
	12	75.80	8.61	95.50	10.43	117.0	13.18	125.9	14.64	136.1	16.51	144.7	18.32	151.4	19.89
	14	75.80	9.19	95.50	11.31	117.0	14.47	125.9	16.11	136.1	18.20	144.7	20.20	151.4	21.92
	16	75.80	9.84	95.50	12.30	117.0	15.89	125.9	17.73	136.1	20.06	144.7	22.28	151.4	24.17
	18	75.80	10.57	95.50	13.41	117.0	17.46	125.9	19.52	136.1	22.11	144.7	24.54	151.4	26.62
	20	75.80	11.40	95.50	14.65	117.0	19.21	125.9	21.50	136.1	24.36	144.7	27.04	151.4	29.31
	21	75.80	11.86	95.50	15.32	117.0	20.15	125.9	22.56	136.1	25.56	144.7	28.38	151.4	30.75
	23	75.80	12.85	95.50	16.77	117.0	22.16	125.9	24.84	136.1	28.14	144.7	31.21	151.4	33.61
	25	75.80	13.97	95.50	18.38	117.0	24.38	125.9	27.19	136.1	30.42	144.7	33.36	151.4	35.79
	27	75.80	15.23	95.50	20.16	117.0	26.16	125.9	28.99	136.1	32.40	144.7	35.53	151.4	38.10

22. ARUM500LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	75.80	16.57	95.50	21.53	117.0	27.89	125.9	30.88	136.1	34.52	144.7	37.84	151.4	40.49
	31	75.80	17.61	95.50	22.94	117.0	29.72	125.9	32.92	136.1	36.79	144.7	40.33	151.4	43.05
	33	75.80	18.73	95.50	24.44	117.0	31.68	125.9	35.10	136.1	39.23	144.7	42.95	151.4	45.80
	35	75.80	19.94	95.50	26.05	117.0	33.77	125.9	37.42	136.1	41.83	144.7	45.72	151.4	48.76
	37	75.80	21.25	95.50	27.77	117.0	36.01	125.9	39.90	136.1	44.66	144.7	48.71	151.4	51.98
	39	75.80	22.66	95.50	29.61	117.0	38.41	125.9	42.60	136.1	47.67	144.7	51.96	151.4	55.52
	41	75.80	24.16	95.50	31.57	117.0	40.99	125.9	45.50	136.1	50.85	144.7	55.51	151.4	59.44
	43	75.80	25.78	95.50	33.67	117.0	43.78	125.9	48.65	136.1	54.33	142.9	58.29	142.8	58.30
	46	75.80	28.40	95.50	37.10	117.0	48.40	125.2	53.50	125.3	53.51	125.2	53.50	125.3	53.53
	48	75.80	30.30	95.50	39.60	114.4	50.28	114.2	50.23	114.2	50.20	114.2	50.18	114.2	50.19
	50	75.80	32.33	95.50	42.28	103.9	47.16	103.8	47.15	103.7	47.10	103.7	47.09	103.7	47.09
	52	75.80	34.50	92.20	42.91	92.70	41.82	93.00	41.39	93.40	40.91	93.60	40.48	93.80	40.14
80	10	67.20	7.20	85.00	8.76	103.9	10.48	112.0	11.40	120.9	12.57	128.6	13.73	134.7	14.73
	12	67.20	8.03	85.00	9.38	103.9	11.40	112.0	12.45	120.9	13.80	128.6	15.11	134.7	16.23
	14	67.20	8.48	85.00	10.09	103.9	12.43	112.0	13.64	120.9	15.17	128.6	16.63	134.7	17.89
	16	67.20	9.01	85.00	10.89	103.9	13.58	112.0	14.95	120.9	16.69	128.6	18.32	134.7	19.71
	18	67.20	9.61	85.00	11.79	103.9	14.87	112.0	16.41	120.9	18.36	128.6	20.18	134.7	21.72
	20	67.20	10.28	85.00	12.81	103.9	16.29	112.0	18.04	120.9	20.21	128.6	22.23	134.7	23.93
	21	67.20	10.66	85.00	13.35	103.9	17.07	112.0	18.90	120.9	21.19	128.6	23.32	134.7	25.11
	23	67.20	11.49	85.00	14.55	103.9	18.72	112.0	20.78	120.9	23.33	128.6	25.67	134.7	27.64
	25	67.20	12.41	85.00	15.89	103.9	20.57	112.0	22.85	120.9	25.63	128.6	28.04	134.7	29.94
	27	67.20	13.47	85.00	17.38	103.9	22.42	112.0	24.68	120.9	27.40	128.6	29.87	134.7	31.90
	29	67.20	14.66	85.00	18.77	103.9	23.88	112.0	26.30	120.9	29.20	128.6	31.82	134.7	33.99
	31	67.20	15.63	85.00	19.97	103.9	25.46	112.0	28.03	120.9	31.12	128.6	33.92	134.7	36.22
	33	67.20	16.60	85.00	21.27	103.9	27.14	112.0	29.88	120.9	33.17	128.6	36.15	134.7	38.61
	35	67.20	17.66	85.00	22.66	103.9	28.92	112.0	31.84	120.9	35.36	128.6	38.55	134.7	41.18
	37	67.20	18.80	85.00	24.15	103.9	30.85	112.0	33.96	120.9	37.71	128.6	41.12	134.7	43.96
	39	67.20	20.04	85.00	25.75	103.9	32.88	112.0	36.21	120.9	40.23	128.6	43.91	134.7	46.96
	41	67.20	21.37	85.00	27.47	103.9	35.07	112.0	38.64	120.9	42.95	128.6	46.92	134.7	50.09
	43	67.20	22.79	85.00	29.29	103.9	37.41	112.0	41.23	120.9	45.89	128.6	50.20	134.7	53.50
	46	67.20	25.13	85.00	32.27	103.9	41.25	112.0	45.53	120.9	50.81	125.2	53.46	125.2	53.49
	48	67.20	26.83	85.00	34.43	103.9	44.06	112.0	48.71	114.2	50.20	114.2	50.23	114.2	50.19
	50	67.20	28.64	85.00	36.73	103.5	46.89	103.9	47.13	103.7	47.10	103.8	47.10	103.7	47.09
	52	67.20	30.56	85.00	39.20	92.40	42.38	92.70	41.93	93.00	41.46	93.20	41.01	93.50	40.68
70	10	58.90	5.89	74.30	8.04	90.90	9.24	98.00	9.88	105.8	10.68	112.5	11.47	117.8	12.14
	12	58.90	7.46	74.30	8.52	90.90	9.95	98.00	10.70	105.8	11.64	112.5	12.54	117.8	13.31
	14	58.90	7.82	74.30	9.06	90.90	10.75	98.00	11.61	105.8	12.70	112.5	13.73	117.8	14.61
	16	58.90	8.25	74.30	9.69	90.90	11.66	98.00	12.65	105.8	13.89	112.5	15.05	117.8	16.04
	18	58.90	8.73	74.30	10.40	90.90	12.67	98.00	13.81	105.8	15.22	112.5	16.53	117.8	17.65
	20	58.90	9.28	74.30	11.22	90.90	13.81	98.00	15.10	105.8	16.68	112.5	18.17	117.8	19.41
	21	58.90	9.58	74.30	11.66	90.90	14.43	98.00	15.80	105.8	17.49	112.5	19.05	117.8	20.36
	23	58.90	10.25	74.30	12.63	90.90	15.77	98.00	17.31	105.8	19.20	112.5	20.94	117.8	22.40
	25	58.90	11.02	74.30	13.71	90.90	17.26	98.00	18.98	105.8	21.09	112.5	23.03	117.8	24.63
	27	58.90	11.89	74.30	14.93	90.90	18.91	98.00	20.80	105.8	22.94	112.5	24.85	117.8	26.42
	29	58.90	12.88	74.30	16.26	90.90	20.30	98.00	22.18	105.8	24.44	112.5	26.48	117.8	28.15
	31	58.90	13.83	74.30	17.27	90.90	21.61	98.00	23.63	105.8	26.05	112.5	28.22	117.8	30.01
	33	58.90	14.65	74.30	18.38	90.90	23.02	98.00	25.18	105.8	27.76	112.5	30.09	117.8	31.99
	35	58.90	15.55	74.30	19.56	90.90	24.54	98.00	26.84	105.8	29.59	112.5	32.06	117.8	34.10
	37	58.90	16.54	74.30	20.84	90.90	26.16	98.00	28.62	105.8	31.56	112.5	34.19	117.8	36.37
	39	58.90	17.60	74.30	22.22	90.90	27.90	98.00	30.52	105.8	33.65	112.5	36.46	117.8	38.79
	41	58.90	18.76	74.30	23.69	90.90	29.74	98.00	32.55	105.8	35.89	112.5	38.92	117.8	41.39

22. ARUM500LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	58.90	20.03	74.30	25.27	90.90	31.72	98.00	34.71	105.8	38.28	112.5	41.52	117.8	44.21
	46	58.90	22.08	74.30	27.85	90.90	34.95	98.00	38.26	105.8	42.23	112.5	45.86	117.8	48.89
	48	58.90	23.58	74.30	29.72	90.90	37.29	98.00	40.83	105.8	45.12	112.5	49.07	114.3	50.25
	50	58.90	25.20	74.30	31.71	90.90	39.79	98.00	43.60	103.9	47.13	103.9	47.10	103.7	47.12
	52	58.90	26.90	74.30	33.84	90.90	42.48	92.30	42.69	92.60	42.17	92.90	41.71	93.00	41.38
60	10	50.50	4.69	63.70	6.63	78.00	8.27	84.00	8.69	90.80	9.21	96.50	9.73	100.9	10.18
	12	50.50	6.81	63.70	7.80	78.00	8.80	84.00	9.29	90.80	9.93	96.50	10.53	100.9	11.04
	14	50.50	7.10	63.70	8.22	78.00	9.39	84.00	9.99	90.80	10.72	96.50	11.42	100.9	12.01
	16	50.50	7.44	63.70	8.69	78.00	10.08	84.00	10.76	90.80	11.62	96.50	12.43	100.9	13.10
	18	50.50	7.84	63.70	9.23	78.00	10.85	84.00	11.65	90.80	12.63	96.50	13.56	100.9	14.33
	20	50.50	8.28	63.70	9.85	78.00	11.73	84.00	12.65	90.80	13.77	96.50	14.81	100.9	15.69
	21	50.50	8.53	63.70	10.20	78.00	12.21	84.00	13.18	90.80	14.39	96.50	15.49	100.9	16.42
	23	50.50	9.07	63.70	10.95	78.00	13.25	84.00	14.36	90.80	15.72	96.50	16.97	100.9	18.01
	25	50.50	9.69	63.70	11.81	78.00	14.43	84.00	15.67	90.80	17.20	96.50	18.61	100.9	19.76
	27	50.50	10.41	63.70	12.78	78.00	15.74	84.00	17.15	90.80	18.85	96.50	20.40	100.9	21.60
	29	50.50	11.22	63.70	13.87	78.00	17.10	84.00	18.53	90.80	20.24	96.50	21.78	100.9	23.02
	31	50.50	12.10	63.70	14.85	78.00	18.17	84.00	19.71	90.80	21.54	96.50	23.19	100.9	24.53
	33	50.50	12.79	63.70	15.75	78.00	19.33	84.00	20.98	90.80	22.96	96.50	24.71	100.9	26.16
	35	50.50	13.55	63.70	16.75	78.00	20.58	84.00	22.37	90.80	24.47	96.50	26.34	100.9	27.88
	37	50.50	14.40	63.70	17.81	78.00	21.94	84.00	23.83	90.80	26.07	96.50	28.08	100.9	29.72
	39	50.50	15.31	63.70	18.99	78.00	23.40	84.00	25.41	90.80	27.81	96.50	29.95	100.9	31.69
	41	50.50	16.32	63.70	20.23	78.00	24.95	84.00	27.11	90.80	29.65	96.50	31.93	100.9	33.79
	43	50.50	17.42	63.70	21.59	78.00	26.61	84.00	28.91	90.80	31.62	96.50	34.06	100.9	36.05
	46	50.50	19.25	63.70	23.81	78.00	29.33	84.00	31.84	90.80	34.83	96.50	37.53	100.9	39.74
	48	50.50	20.56	63.70	25.42	78.00	31.28	84.00	33.97	90.80	37.17	96.50	40.05	100.9	42.42
	50	50.50	21.98	63.70	27.15	78.00	33.37	84.00	36.24	90.80	39.67	96.50	42.78	100.9	45.34
	52	50.50	23.50	63.70	28.98	78.00	35.60	84.00	38.68	90.80	42.36	92.20	42.73	92.40	42.36
50	10	42.00	3.63	53.00	5.04	65.00	6.82	70.00	7.60	75.50	8.11	80.40	8.43	84.20	8.69
	12	42.00	5.68	53.00	7.01	65.00	7.89	70.00	8.22	75.50	8.61	80.40	8.98	84.20	9.31
	14	42.00	6.36	53.00	7.33	65.00	8.31	70.00	8.69	75.50	9.18	80.40	9.63	84.20	10.00
	16	42.00	6.63	53.00	7.70	65.00	8.79	70.00	9.26	75.50	9.82	80.40	10.34	84.20	10.79
	18	42.00	6.95	53.00	8.11	65.00	9.36	70.00	9.90	75.50	10.56	80.40	11.17	84.20	11.67
	20	42.00	7.30	53.00	8.59	65.00	10.00	70.00	10.63	75.50	11.38	80.40	12.08	84.20	12.68
	21	42.00	7.49	53.00	8.84	65.00	10.35	70.00	11.03	75.50	11.84	80.40	12.59	84.20	13.22
	23	42.00	7.93	53.00	9.44	65.00	11.14	70.00	11.91	75.50	12.83	80.40	13.69	84.20	14.41
	25	42.00	8.43	53.00	10.10	65.00	12.02	70.00	12.90	75.50	13.96	80.40	14.93	84.20	15.72
	27	42.00	9.00	53.00	10.87	65.00	13.03	70.00	14.01	75.50	15.20	80.40	16.29	84.20	17.18
	29	42.00	9.64	53.00	11.74	65.00	14.15	70.00	15.26	75.50	16.55	80.40	17.66	84.20	18.56
	31	42.00	10.37	53.00	12.64	65.00	15.12	70.00	16.25	75.50	17.59	80.40	18.79	84.20	19.75
	33	42.00	10.99	53.00	13.37	65.00	16.05	70.00	17.26	75.50	18.71	80.40	19.99	84.20	21.03
	35	42.00	11.61	53.00	14.16	65.00	17.06	70.00	18.38	75.50	19.92	80.40	21.29	84.20	22.41
	37	42.00	12.29	53.00	15.06	65.00	18.15	70.00	19.56	75.50	21.22	80.40	22.69	84.20	23.89
	39	42.00	13.04	53.00	16.03	65.00	19.34	70.00	20.85	75.50	22.63	80.40	24.20	84.20	25.47
	41	42.00	13.87	53.00	17.08	65.00	20.63	70.00	22.24	75.50	24.12	80.40	25.81	84.20	27.16
	43	42.00	14.78	53.00	18.23	65.00	22.01	70.00	23.73	75.50	25.74	80.40	27.53	84.20	28.98
	46	42.00	16.32	53.00	20.11	65.00	24.28	70.00	26.16	75.50	28.37	80.40	30.32	84.20	31.91
	48	42.00	17.48	53.00	21.48	65.00	25.91	70.00	27.91	75.50	30.26	80.40	32.36	84.20	34.05
	50	42.00	18.75	53.00	22.96	65.00	27.67	70.00	29.78	75.50	32.29	80.40	34.51	84.20	36.32
	52	42.00	20.13	53.00	24.53	65.00	29.53	70.00	31.78	75.50	34.45	80.40	36.83	84.20	38.77

22. ARUM500LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

22. ARUM500LTE6

22.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	29.80	2.00	47.80	3.20	67.70	4.57	72.50	4.93	77.20	5.27	82.20	5.65	87.50	6.11
	12	29.80	2.00	47.80	3.21	67.70	4.61	72.50	4.97	77.20	5.33	82.20	5.70	87.50	6.20
	14	29.80	2.00	47.80	3.23	67.70	4.67	72.50	5.04	77.20	5.41	82.20	5.81	87.50	6.34
	16	29.80	2.01	47.80	3.27	67.70	4.79	72.50	5.17	77.20	5.58	82.20	6.02	87.50	6.63
	18	29.80	2.03	47.80	3.36	67.70	5.03	72.50	5.48	77.20	5.94	82.20	6.47	87.50	7.27
	20	29.80	2.09	47.80	3.56	67.70	5.65	72.50	6.25	77.20	6.90	82.20	7.62	87.50	8.94
	21	33.70	2.62	51.50	4.50	71.30	7.70	76.00	8.27	80.80	8.73	85.40	9.21	90.30	9.98
	23	41.60	6.10	59.20	7.57	78.80	9.65	83.30	10.18	87.80	10.77	91.70	11.30	96.20	12.21
	25	49.70	7.53	67.00	9.38	86.40	12.06	90.50	12.73	95.00	13.43	98.30	14.02	102.2	15.07
	27	58.00	9.50	75.00	11.80	94.20	15.24	98.20	16.05	102.3	16.88	105.0	17.43	114.2	19.84
	29	66.50	12.17	83.00	14.91	102.2	18.80	105.9	19.64	110.0	20.55	116.6	22.17	135.0	27.84
	31	75.30	15.28	91.50	18.40	110.5	23.08	113.9	24.02	123.8	26.81	138.0	31.18	156.0	38.56
	33	84.20	19.12	100.0	22.78	118.8	28.34	130.8	32.30	145.5	37.72	159.2	43.25	176.8	51.98
	35	93.40	23.96	109.0	28.22	139.5	39.53	152.5	45.29	167.3	51.77	180.4	57.86	197.6	66.58
	37	93.40	25.57	109.0	30.10	139.5	42.20	152.5	48.26	167.3	55.28	180.4	61.64	185.4	65.53
	39	93.40	27.27	109.0	32.11	139.5	45.08	152.5	51.48	167.3	59.14	173.7	62.46	171.7	63.02
	41	93.40	29.10	109.0	34.27	139.5	48.21	152.5	55.02	160.5	59.34	160.4	59.35	158.7	60.08
	43	93.40	31.06	109.0	36.57	139.5	51.61	147.8	56.11	147.7	56.08	147.7	56.07	146.0	56.80
	46	93.40	34.22	109.0	40.33	129.7	51.39	129.7	51.37	129.5	51.34	129.7	51.38	128.0	52.00
	48	93.40	36.53	109.0	43.06	118.3	48.20	118.4	48.24	118.2	48.15	118.1	48.15	116.7	48.75
	50	93.40	38.98	107.6	45.28	107.4	45.26	107.3	45.29	107.3	45.24	107.2	45.23	105.7	45.64
	52	92.80	41.21	94.60	39.55	95.50	38.22	95.70	37.95	96.00	37.64	96.20	37.40	95.80	37.66
120	10	27.50	1.85	44.10	2.95	62.50	4.22	66.80	4.52	71.30	4.84	75.90	5.18	80.80	5.58
	12	27.50	1.85	44.10	2.96	62.50	4.24	66.80	4.55	71.30	4.87	75.90	5.23	80.80	5.65
	14	27.50	1.85	44.10	2.97	62.50	4.28	66.80	4.60	71.30	4.96	75.90	5.31	80.80	5.77
	16	27.50	1.85	44.10	3.00	62.50	4.37	66.80	4.72	71.30	5.08	75.90	5.47	80.80	5.99
	18	27.50	1.88	44.10	3.06	62.50	4.56	66.80	4.95	71.30	5.37	75.90	5.82	80.80	6.49
	20	27.50	1.92	44.10	3.23	62.50	5.04	66.80	5.56	71.30	6.10	75.90	6.71	80.80	7.85
	21	31.10	2.35	47.50	4.00	65.80	6.73	70.20	7.52	74.50	8.13	78.80	8.54	83.40	9.20
	23	38.40	5.83	54.60	7.14	72.80	8.95	76.80	9.41	81.00	9.91	84.70	10.37	88.80	11.15
	25	45.90	7.13	61.70	8.75	79.70	11.08	83.70	11.64	87.70	12.26	90.80	12.74	94.30	13.66
	27	53.60	8.90	69.20	10.91	87.00	13.86	90.70	14.55	94.50	15.29	97.00	15.80	105.5	17.96
	29	61.40	11.27	76.70	13.73	94.30	17.12	97.80	17.84	101.4	18.64	107.6	20.03	124.7	24.90
	31	69.50	14.14	84.50	16.85	102.0	20.89	105.2	21.71	114.2	24.11	127.3	27.86	144.0	34.16
	33	77.80	17.53	92.50	20.71	109.7	25.53	120.8	28.95	134.5	33.56	147.0	38.25	163.3	46.12
	35	86.30	21.83	100.5	25.52	128.7	35.25	140.8	40.15	154.5	46.06	166.5	51.41	182.5	60.13
	37	86.30	23.30	100.5	27.23	128.7	37.62	140.8	42.87	154.5	49.11	166.5	54.87	182.5	64.12
	39	86.30	24.85	100.5	29.06	128.7	40.15	140.8	45.79	154.5	52.39	166.5	58.71	171.8	63.08
	41	86.30	26.52	100.5	31.01	128.7	42.87	140.8	48.98	154.5	55.99	160.5	59.35	158.6	60.05
	43	86.30	28.29	100.5	33.08	128.7	45.81	140.8	52.37	147.8	56.07	147.8	56.08	145.9	56.72
	46	86.30	31.20	100.5	36.45	128.7	50.72	129.7	51.40	129.6	51.35	129.5	51.35	128.0	52.06
	48	86.30	33.29	100.5	38.91	118.4	48.25	118.3	48.22	118.2	48.20	118.1	48.10	116.7	48.79
	50	86.30	35.52	100.5	41.54	107.5	45.30	107.4	45.31	107.8	45.45	107.4	45.25	106.0	45.78
	52	86.30	37.92	94.30	40.13	95.20	38.76	95.40	38.50	95.50	38.19	95.70	38.00	95.40	38.36
110	10	25.30	1.69	40.50	2.70	57.20	3.85	61.30	4.12	65.30	4.42	69.50	4.72	74.00	5.08
	12	25.30	1.69	40.50	2.70	57.20	3.87	61.30	4.16	65.30	4.44	69.50	4.75	74.00	5.14
	14	25.30	1.69	40.50	2.72	57.20	3.91	61.30	4.19	65.30	4.51	69.50	4.81	74.00	5.22
	16	25.30	1.70	40.50	2.74	57.20	3.98	61.30	4.28	65.30	4.60	69.50	4.94	74.00	5.40
	18	25.30	1.70	40.50	2.79	57.20	4.12	61.30	4.46	65.30	4.82	69.50	5.20	74.00	5.78

22. ARUM500LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	25.30	1.73	40.50	2.91	57.20	4.48	61.30	4.92	65.30	5.38	69.50	5.89	74.00	6.80
	21	28.50	2.11	43.60	3.53	60.30	5.79	64.20	6.45	68.30	7.18	72.20	7.82	76.40	8.49
	23	35.20	5.57	50.00	6.73	66.70	8.31	70.40	8.70	74.20	9.13	77.70	9.51	81.40	10.18
	25	42.00	6.73	56.70	8.16	73.00	10.17	76.70	10.64	80.30	11.15	83.30	11.57	86.50	12.35
	27	49.10	8.30	63.40	10.06	79.70	12.59	83.00	13.17	86.60	13.79	88.90	14.23	96.70	16.13
	29	56.30	10.42	70.30	12.57	86.50	15.56	89.70	16.17	93.00	16.85	98.70	18.03	114.3	22.18
	31	63.70	13.03	77.50	15.38	93.40	18.86	96.40	19.54	104.7	21.60	116.7	24.78	132.0	30.11
	33	71.30	16.04	84.70	18.77	100.5	22.91	110.7	25.82	123.2	29.74	134.7	33.68	149.6	40.47
	35	79.10	19.83	92.20	22.99	118.0	31.30	129.1	35.43	141.6	40.45	152.6	45.30	167.2	53.20
	37	79.10	21.14	92.20	24.53	118.0	33.40	129.1	37.80	141.6	43.19	152.6	48.29	167.2	56.84
	39	79.10	22.55	92.20	26.17	118.0	35.63	129.1	40.35	141.6	46.14	152.6	51.51	167.2	60.70
	41	79.10	24.08	92.20	27.93	118.0	38.03	129.1	43.08	141.6	49.36	152.6	55.04	158.7	60.08
	43	79.10	25.70	92.20	29.81	118.0	40.58	129.1	46.06	141.6	52.74	147.9	56.12	146.0	56.77
	46	79.10	28.33	92.20	32.85	118.0	44.81	129.1	50.99	129.6	51.39	129.7	51.37	128.0	52.03
	48	79.10	30.24	92.20	35.06	117.8	47.83	118.2	48.17	118.3	48.22	118.3	48.17	116.7	48.76
	50	79.10	32.27	92.20	37.40	107.6	45.30	107.6	45.30	107.3	45.25	107.5	45.28	106.1	45.82
	52	79.10	34.45	92.20	39.90	94.80	39.44	94.90	39.18	95.10	38.88	94.90	38.58	95.00	38.73
100	10	23.00	1.54	36.70	2.45	52.00	3.50	55.80	3.74	59.50	4.00	63.30	4.27	67.20	4.60
	12	23.00	1.54	36.70	2.46	52.00	3.50	55.80	3.77	59.50	4.03	63.30	4.30	67.20	4.63
	14	23.00	1.54	36.70	2.46	52.00	3.54	55.80	3.80	59.50	4.06	63.30	4.34	67.20	4.69
	16	23.00	1.54	36.70	2.47	52.00	3.59	55.80	3.86	59.50	4.13	63.30	4.43	67.20	4.83
	18	23.00	1.55	36.70	2.51	52.00	3.68	55.80	3.99	59.50	4.30	63.30	4.63	67.20	5.10
	20	23.00	1.57	36.70	2.60	52.00	3.97	55.80	4.33	59.50	4.71	63.30	5.13	67.20	5.86
	21	25.90	1.88	39.70	3.10	55.00	4.97	58.40	5.50	62.00	6.08	65.70	6.70	69.50	7.83
	23	32.00	5.31	45.50	6.33	60.50	7.70	64.00	8.04	67.50	8.39	70.50	8.73	74.00	9.28
	25	38.30	6.34	51.50	7.60	66.50	9.31	69.70	9.72	73.00	10.15	75.70	10.49	78.60	11.16
	27	44.60	7.73	57.60	9.26	72.50	11.41	75.50	11.90	78.70	12.43	80.80	12.78	87.80	14.37
	29	51.20	9.60	63.90	11.45	78.60	14.08	81.50	14.60	84.50	15.18	89.70	16.18	103.9	19.67
	31	57.90	11.97	70.40	13.99	85.00	16.95	87.50	17.52	95.20	19.27	106.1	21.95	120.0	26.42
	33	64.70	14.63	77.00	16.96	91.40	20.46	100.5	22.91	112.0	26.21	122.5	29.51	136.0	35.14
	35	72.00	17.93	83.80	20.62	107.2	27.64	117.4	31.10	128.7	35.26	138.8	39.28	152.0	46.29
	37	72.00	19.11	83.80	22.01	107.2	29.50	117.4	33.18	128.7	37.63	138.8	41.93	152.0	49.34
	39	72.00	20.40	83.80	23.47	107.2	31.47	117.4	35.41	128.7	40.16	138.8	44.79	152.0	52.66
	41	72.00	21.76	83.80	25.05	107.2	33.57	117.4	37.78	128.7	42.89	138.8	47.89	152.0	56.29
	43	72.00	23.23	83.80	26.75	107.2	35.82	117.4	40.33	128.7	45.83	138.8	51.26	146.1	56.80
	46	72.00	25.63	83.80	29.49	107.2	39.49	117.4	44.51	128.7	50.74	129.7	51.41	128.0	52.00
	48	72.00	27.36	83.80	31.47	107.2	42.17	117.4	47.59	118.3	48.22	118.2	48.16	116.7	48.77
	50	72.00	29.23	83.80	33.57	106.9	44.92	107.6	45.31	107.5	45.28	107.5	45.32	106.0	45.75
	52	72.00	31.20	83.80	35.83	94.10	40.17	94.50	39.75	94.80	39.29	95.10	38.92	94.70	39.02
90	10	20.70	1.38	33.00	2.20	46.80	3.14	50.20	3.36	53.40	3.59	57.00	3.83	60.50	4.12
	12	20.70	1.38	33.00	2.20	46.80	3.15	50.20	3.38	53.40	3.60	57.00	3.85	60.50	4.15
	14	20.70	1.38	33.00	2.21	46.80	3.16	50.20	3.39	53.40	3.63	57.00	3.89	60.50	4.19
	16	20.70	1.38	33.00	2.23	46.80	3.20	50.20	3.44	53.40	3.69	57.00	3.95	60.50	4.28
	18	20.70	1.38	33.00	2.24	46.80	3.28	50.20	3.53	53.40	3.80	57.00	4.09	60.50	4.48
	20	20.70	1.41	33.00	2.31	46.80	3.47	50.20	3.78	53.40	4.10	57.00	4.45	60.50	5.03
	21	23.30	1.65	35.70	2.70	49.50	4.22	52.50	4.65	55.80	5.11	59.10	5.59	62.50	6.74
	23	28.80	5.06	40.90	5.95	54.50	7.13	57.50	7.42	60.80	7.72	63.50	7.99	66.60	8.48
	25	34.50	5.97	46.30	7.05	59.80	8.52	62.80	8.86	65.80	9.23	68.00	9.52	70.80	10.07
	27	40.20	7.19	51.80	8.49	65.30	10.32	68.00	10.73	70.80	11.16	72.80	11.46	79.10	12.78
	29	46.10	8.82	57.50	10.40	70.80	12.66	73.30	13.13	76.10	13.62	80.80	14.47	93.60	17.38
	31	52.10	10.94	63.30	12.69	76.40	15.17	78.80	15.67	85.70	17.11	95.50	19.33	108.0	23.03

22. ARUM500LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	58.30	13.29	69.20	15.26	82.20	18.19	90.50	20.24	100.8	22.97	110.3	25.68	122.5	30.31
	35	64.70	16.16	75.50	18.41	96.50	24.27	105.7	27.13	115.8	30.56	125.0	33.83	136.8	39.63
	37	64.70	17.21	75.50	19.63	96.50	25.89	105.7	28.95	115.8	32.59	125.0	36.09	136.8	42.30
	39	64.70	18.35	75.50	20.95	96.50	27.62	105.7	30.88	115.8	34.78	125.0	38.52	136.8	45.18
	41	64.70	19.59	75.50	22.35	96.50	29.47	105.7	32.95	115.8	37.11	125.0	41.12	136.8	48.32
	43	64.70	20.91	75.50	23.87	96.50	31.46	105.7	35.16	115.8	39.61	125.0	43.92	136.8	51.69
	46	64.70	23.09	75.50	26.33	96.50	34.67	105.7	38.76	115.8	43.72	125.0	48.56	128.1	52.03
	48	64.70	24.67	75.50	28.11	96.50	36.99	105.7	41.38	115.8	46.73	118.3	48.21	117.0	48.83
	50	64.70	26.34	75.50	30.01	96.50	39.48	105.7	44.20	107.5	45.29	107.5	45.31	106.1	45.83
	52	64.70	28.13	75.50	32.03	94.00	40.60	94.30	40.17	94.60	39.71	94.80	39.27	94.60	39.44
80	10	18.30	1.23	29.50	1.96	41.70	2.78	44.50	2.98	47.50	3.18	50.50	3.39	53.80	3.65
	12	18.30	1.23	29.50	1.96	41.70	2.79	44.50	3.00	47.50	3.19	50.50	3.41	53.80	3.66
	14	18.30	1.23	29.50	1.96	41.70	2.80	44.50	3.00	47.50	3.22	50.50	3.42	53.80	3.69
	16	18.30	1.23	29.50	1.96	41.70	2.82	44.50	3.04	47.50	3.24	50.50	3.47	53.80	3.76
	18	18.30	1.23	29.50	1.98	41.70	2.88	44.50	3.09	47.50	3.33	50.50	3.57	53.80	3.89
	20	18.30	1.23	29.50	2.03	41.70	3.01	44.50	3.27	47.50	3.54	50.50	3.83	53.80	4.28
	21	20.80	1.45	31.70	2.33	43.90	3.56	46.70	3.89	49.70	4.26	52.50	4.64	55.50	5.48
	23	26.20	4.87	36.40	5.58	48.50	6.58	51.20	6.83	54.00	7.08	56.50	7.30	59.20	7.72
	25	30.50	5.61	41.20	6.54	53.20	7.77	55.80	8.06	58.40	8.37	60.50	8.60	62.90	9.06
	27	35.80	6.66	46.10	7.77	58.00	9.30	60.50	9.64	63.00	10.00	64.70	10.24	70.30	11.33
	29	40.90	8.07	51.20	9.41	62.90	11.28	65.20	11.67	67.60	12.10	71.70	12.84	83.20	15.27
	31	46.30	9.91	56.30	11.43	68.00	13.54	70.00	13.94	76.20	15.12	85.00	16.93	96.00	19.94
	33	51.80	11.98	61.60	13.66	73.20	16.09	80.50	17.77	89.60	19.99	98.00	22.20	108.8	25.94
	35	57.50	14.49	67.00	16.36	85.80	21.16	93.90	23.50	103.0	26.26	111.0	28.90	121.6	33.55
	37	57.50	15.42	67.00	17.43	85.80	22.57	93.90	25.07	103.0	28.02	111.0	30.83	121.6	35.79
	39	57.50	16.44	67.00	18.59	85.80	24.09	93.90	26.75	103.0	29.90	111.0	32.90	121.6	38.20
	41	57.50	17.55	67.00	19.85	85.80	25.71	93.90	28.54	103.0	31.90	111.0	35.10	121.6	40.77
	43	57.50	18.73	67.00	21.18	85.80	27.44	93.90	30.45	103.0	34.04	111.0	37.46	121.6	43.55
	46	57.50	20.68	67.00	23.39	85.80	30.26	93.90	33.56	103.0	37.52	111.0	41.31	121.6	48.16
	48	57.50	22.09	67.00	24.98	85.80	32.28	93.90	35.81	103.0	40.05	111.0	44.13	116.9	48.81
	50	57.50	23.63	67.00	26.68	85.80	34.44	93.90	38.22	103.0	42.77	107.5	45.31	106.1	45.82
	52	57.50	25.25	67.00	28.50	85.80	36.75	93.20	40.36	94.20	40.23	94.50	39.81	94.30	39.96
70	10	16.10	1.07	25.80	1.71	36.40	2.43	39.00	2.61	41.60	2.78	44.20	2.96	47.10	3.18
	12	16.10	1.07	25.80	1.70	36.40	2.43	39.00	2.61	41.60	2.78	44.20	2.97	47.10	3.19
	14	16.10	1.08	25.80	1.70	36.40	2.45	39.00	2.62	41.60	2.80	44.20	2.98	47.10	3.22
	16	16.10	1.08	25.80	1.72	36.40	2.45	39.00	2.64	41.60	2.82	44.20	3.01	47.10	3.24
	18	16.10	1.08	25.80	1.73	36.40	2.50	39.00	2.68	41.60	2.87	44.20	3.07	47.10	3.35
	20	16.10	1.08	25.80	1.76	36.40	2.59	39.00	2.79	41.60	3.00	44.20	3.24	47.10	3.59
	21	18.20	1.25	27.80	1.98	38.40	2.97	40.90	3.23	43.40	3.51	46.00	3.80	48.70	4.41
	23	22.50	4.10	31.80	5.23	42.50	6.07	44.80	6.27	47.20	6.49	49.50	6.67	51.70	7.00
	25	26.70	5.26	36.00	6.03	46.50	7.06	48.80	7.30	51.20	7.56	53.00	7.75	55.00	8.14
	27	31.20	6.15	40.30	7.08	50.80	8.35	52.80	8.64	55.00	8.92	56.60	9.11	61.50	10.00
	29	35.80	7.34	44.70	8.45	55.00	10.01	57.00	10.32	59.20	10.67	62.80	11.26	72.80	13.31
	31	40.50	8.92	49.20	10.23	59.50	11.99	61.30	12.32	66.70	13.29	74.20	14.74	84.00	17.15
	33	45.30	10.72	53.90	12.13	64.00	14.16	70.50	15.50	78.40	17.28	85.80	19.02	95.20	22.00
	35	50.30	12.88	58.70	14.44	75.00	18.32	82.20	20.17	90.00	22.38	97.20	24.46	106.4	28.12
	37	50.30	13.68	58.70	15.36	75.00	19.53	82.20	21.52	90.00	23.88	97.20	26.09	106.4	30.00
	39	50.30	14.56	58.70	16.39	75.00	20.84	82.20	22.96	90.00	25.47	97.20	27.85	106.4	32.01
	41	50.30	15.53	58.70	17.49	75.00	22.24	82.20	24.50	90.00	27.19	97.20	29.72	106.4	34.15
	43	50.30	16.60	58.70	18.68	75.00	23.74	82.20	26.16	90.00	29.02	97.20	31.71	106.4	36.45
	46	50.30	18.35	58.70	20.63	75.00	26.20	82.20	28.85	90.00	31.98	97.20	34.95	106.4	40.19

22. ARUM500LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	50.30	19.65	58.70	22.05	75.00	27.96	82.20	30.78	90.00	34.12	97.20	37.29	106.4	42.93
	50	50.30	21.04	58.70	23.57	75.00	29.85	82.20	32.86	90.00	36.41	97.20	39.79	105.8	45.61
	52	50.30	22.53	58.70	25.19	75.00	31.87	82.20	35.06	90.00	38.86	94.20	40.53	93.80	40.64
60	10	13.80	0.93	22.00	1.46	31.20	2.08	33.40	2.23	35.70	2.38	38.00	2.53	40.30	2.72
	12	13.80	0.93	22.00	1.46	31.20	2.08	33.40	2.23	35.70	2.38	38.00	2.53	40.30	2.73
	14	13.80	0.92	22.00	1.46	31.20	2.08	33.40	2.23	35.70	2.38	38.00	2.55	40.30	2.73
	16	13.80	0.93	22.00	1.46	31.20	2.10	33.40	2.24	35.70	2.40	38.00	2.56	40.30	2.76
	18	13.80	0.93	22.00	1.47	31.20	2.11	33.40	2.27	35.70	2.43	38.00	2.60	40.30	2.82
	20	13.80	0.93	22.00	1.49	31.20	2.17	33.40	2.34	35.70	2.51	38.00	2.71	40.30	2.97
	21	15.50	1.05	23.80	1.65	33.00	2.44	35.00	2.65	37.20	2.86	39.50	3.07	41.70	3.49
	23	19.20	2.88	27.30	4.32	36.30	5.57	38.40	5.74	40.50	5.91	42.30	6.07	44.50	6.34
	25	24.40	5.08	30.90	5.55	40.00	6.39	41.80	6.59	43.80	6.79	45.40	6.96	47.20	7.26
	27	26.70	5.67	34.50	6.42	43.50	7.46	45.30	7.68	47.20	7.92	48.50	8.07	52.80	8.79
	29	30.80	6.66	38.30	7.56	47.20	8.81	48.90	9.07	50.80	9.34	53.80	9.83	62.40	11.45
	31	34.70	7.95	42.20	9.02	50.90	10.52	52.50	10.79	57.10	11.57	63.70	12.73	72.00	14.63
	33	38.80	9.50	46.20	10.66	54.80	12.32	60.30	13.42	67.20	14.80	73.50	16.16	81.60	18.47
	35	43.20	11.29	50.30	12.59	64.30	15.72	70.50	17.16	77.20	18.87	83.30	20.47	91.20	23.29
	37	43.20	11.97	50.30	13.36	64.30	16.74	70.50	18.29	77.20	20.13	83.30	21.83	91.20	24.85
	39	43.20	12.72	50.30	14.23	64.30	17.85	70.50	19.51	77.20	21.47	83.30	23.29	91.20	26.51
	41	43.20	13.54	50.30	15.18	64.30	19.05	70.50	20.83	77.20	22.91	83.30	24.87	91.20	28.29
	43	43.20	14.43	50.30	16.22	64.30	20.35	70.50	22.25	77.20	24.47	83.30	26.54	91.20	30.18
	46	43.20	15.94	50.30	17.95	64.30	22.46	70.50	24.55	77.20	26.98	83.30	29.27	91.20	33.26
	48	43.20	17.07	50.30	19.23	64.30	24.00	70.50	26.22	77.20	28.80	83.30	31.23	91.20	35.49
	50	43.20	18.30	50.30	20.61	64.30	25.64	70.50	27.99	77.20	30.75	83.30	33.33	91.20	37.89
	52	43.20	19.66	50.30	22.08	64.30	27.40	70.50	29.88	77.20	32.81	83.30	35.56	91.20	40.44
50	10	11.50	0.87	18.40	1.22	26.00	1.73	27.80	1.85	29.70	1.98	31.70	2.11	33.70	2.26
	12	11.50	0.87	18.40	1.22	26.00	1.73	27.80	1.85	29.70	1.97	31.70	2.11	33.70	2.26
	14	11.50	0.87	18.40	1.22	26.00	1.73	27.80	1.85	29.70	1.99	31.70	2.11	33.70	2.27
	16	11.50	0.87	18.40	1.22	26.00	1.73	27.80	1.85	29.70	1.99	31.70	2.12	33.70	2.28
	18	11.50	0.88	18.40	1.23	26.00	1.74	27.80	1.88	29.70	2.00	31.70	2.15	33.70	2.32
	20	11.50	0.88	18.40	1.23	26.00	1.77	27.80	1.91	29.70	2.05	31.70	2.20	33.70	2.39
	21	13.00	0.90	19.80	1.35	27.50	1.95	29.20	2.11	31.00	2.26	32.80	2.43	34.70	2.71
	23	16.00	1.96	22.80	2.91	30.30	5.11	32.00	5.23	33.70	5.38	35.30	5.50	37.00	5.71
	25	23.00	5.06	26.20	5.15	33.30	5.77	34.80	5.92	36.50	6.07	37.80	6.20	39.20	6.45
	27	23.40	5.35	28.80	5.80	36.20	6.62	37.80	6.79	39.30	6.96	40.40	7.10	43.90	7.65
	29	25.50	6.00	32.00	6.72	39.30	7.69	40.80	7.89	42.20	8.10	44.80	8.48	52.00	9.73
	31	28.90	7.04	35.20	7.88	42.50	9.07	43.80	9.29	47.50	9.94	53.00	10.88	60.00	12.35
	33	32.50	8.33	38.50	9.25	45.80	10.57	50.30	11.43	56.00	12.53	61.20	13.58	68.00	15.32
	35	35.90	9.77	42.00	10.81	53.60	13.32	58.70	14.44	64.30	15.72	69.50	16.91	76.00	19.00
	37	35.90	10.32	42.00	11.44	53.60	14.16	58.70	15.37	64.30	16.75	69.50	18.02	76.00	20.26
	39	35.90	10.92	42.00	12.14	53.60	15.09	58.70	16.39	64.30	17.86	69.50	19.23	76.00	21.62
	41	35.90	11.58	42.00	12.92	53.60	16.09	58.70	17.49	64.30	19.06	69.50	20.52	76.00	23.07
	43	35.90	12.31	42.00	13.76	53.60	17.20	58.70	18.68	64.30	20.35	69.50	21.91	76.00	24.63
	46	35.90	13.55	42.00	15.21	53.60	19.03	58.70	20.63	64.30	22.47	69.50	24.18	76.00	27.16
	48	35.90	14.49	42.00	16.27	53.60	20.36	58.70	22.05	64.30	24.01	69.50	25.83	76.00	29.00
	50	35.90	15.50	42.00	17.44	53.60	21.79	58.70	23.57	64.30	25.66	69.50	27.58	76.00	30.95
	52	35.90	16.63	42.00	18.72	53.60	23.29	58.70	25.20	64.30	27.41	69.50	29.46	76.00	33.04

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

22. ARUM500LTE6

22.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	93.90	42.60	93.20	42.96	92.50	43.32	92.10	43.49	91.80	43.68	91.20	44.03
	-24.8	-25	109.2	44.78	108.4	45.19	107.8	45.58	107.3	45.78	107.0	45.99	106.2	46.38
	-21.8	-22	118.8	46.04	118.0	46.47	117.2	46.89	116.7	47.11	116.4	47.31	115.5	47.71
	-19.8	-20	125.6	46.89	124.7	47.33	123.8	47.77	123.3	47.99	123.0	48.20	122.2	48.63
	-18.8	-19	129.1	47.31	128.2	47.76	127.3	48.22	126.9	48.43	126.3	48.65	125.5	49.07
	-16.7	-17	136.2	48.17	135.4	48.64	134.4	49.10	133.9	49.33	133.5	49.55	132.5	50.00
	-15	-15.9	140.7	48.67	139.6	49.15	138.6	49.62	138.2	49.84	137.7	50.08	136.8	50.52
	-13.7	-15	144.4	49.11	143.3	49.60	142.5	50.08	142.0	50.32	141.5	50.56	140.7	51.02
	-11.8	-13	151.8	49.95	150.7	50.44	149.8	50.94	149.2	51.18	148.7	51.42	147.7	51.89
	-9.8	-11	160.0	50.83	158.8	51.34	157.8	51.85	157.3	52.09	156.7	52.34	155.7	52.82
	-9.5	-10	163.9	51.24	162.8	51.76	161.7	52.28	161.2	52.53	160.6	52.79	159.5	53.28
	-8.5	-9.1	167.8	51.66	166.6	52.18	165.4	52.70	164.9	52.96	164.4	53.21	163.2	53.71
	-7	-7.6	174.4	52.34	173.2	52.88	172.0	53.42	171.5	53.67	170.8	53.93	169.6	54.44
	-5	-5.6	183.6	53.28	182.3	53.83	181.0	54.36	180.4	54.64	179.8	54.90	178.5	55.42
	-3	-3.7	192.7	54.17	191.4	54.74	190.0	55.30	189.4	55.58	188.7	55.85	179.2	52.57
	0	-0.7	207.7	55.63	206.1	56.22	204.6	56.74	198.3	54.56	192.0	52.36	179.2	48.06
	3	2.2	222.6	57.05	217.5	56.14	204.7	52.01	198.3	49.99	192.0	48.00	179.2	44.11
	5	4.1	230.3	56.98	217.5	53.00	204.7	49.14	198.3	47.25	192.0	45.38	179.2	41.74
	7	6	230.3	53.76	217.5	50.03	204.7	46.41	198.3	44.63	192.0	42.87	179.2	39.45
	9	7.9	230.3	50.59	217.5	47.10	204.7	43.70	198.3	42.04	192.0	40.40	179.2	37.20
	11	9.8	230.3	47.55	217.5	44.30	204.7	41.13	198.3	39.58	192.0	38.06	179.2	35.07
	13	11.8	230.3	44.51	217.5	41.50	204.7	38.58	198.3	37.14	192.0	35.72	179.2	32.94
	15	13.7	230.3	41.79	217.5	39.00	204.7	36.26	198.3	34.93	192.0	33.61	179.2	31.03
120	-30	-30.2	93.40	42.80	92.80	43.15	92.10	43.52	91.80	43.69	91.40	43.86	90.90	44.21
	-24.8	-25	108.7	45.05	108.0	45.44	107.2	45.84	106.7	46.04	106.5	46.23	105.7	46.61
	-21.8	-22	118.3	46.35	117.5	46.77	116.6	47.19	116.2	47.40	115.8	47.60	115.0	48.00
	-19.8	-20	124.9	47.23	124.1	47.66	123.3	48.10	122.8	48.31	122.4	48.51	121.6	48.94
	-18.8	-19	128.3	47.66	127.5	48.11	126.6	48.56	126.1	48.77	125.8	48.98	124.9	49.41
	-16.7	-17	135.4	48.56	134.6	49.02	133.6	49.48	133.2	49.70	132.8	49.92	131.9	50.35
	-15	-15.9	139.6	49.07	138.8	49.55	137.8	50.01	137.4	50.24	136.9	50.47	136.0	50.91
	-13.7	-15	143.6	49.54	142.5	50.03	141.7	50.50	141.2	50.73	140.7	50.96	139.9	51.41
	-11.8	-13	150.9	50.41	149.9	50.90	148.8	51.38	148.3	51.62	147.9	51.85	146.9	52.31
	-9.8	-11	159.0	51.34	157.8	51.84	156.7	52.34	156.2	52.59	155.7	52.82	154.6	53.30
	-9.5	-10	162.8	51.78	161.7	52.29	160.4	52.79	159.9	53.04	159.5	53.28	158.4	53.76
	-8.5	-9.1	166.5	52.21	165.4	52.73	164.3	53.23	163.7	53.48	163.2	53.73	162.1	54.22
	-7	-7.6	173.1	52.94	172.0	53.45	170.7	53.98	170.2	54.23	169.6	54.48	165.3	53.46
	-5	-5.6	182.0	53.91	180.8	54.45	179.5	54.99	179.0	55.24	177.2	54.92	165.3	50.40
	-3	-3.7	191.1	54.87	189.8	55.42	188.4	55.97	183.0	54.03	177.2	51.87	165.3	47.62
	0	-0.7	205.6	56.41	200.8	55.41	189.0	51.36	183.0	49.37	177.2	47.41	165.3	43.59
	3	2.2	212.5	54.54	200.8	50.77	189.0	47.09	183.0	45.30	177.2	43.53	165.3	40.06
	5	4.1	212.5	51.50	200.8	47.98	189.0	44.54	183.0	42.85	177.2	41.18	165.3	37.94
	7	6	212.5	48.63	200.8	45.30	189.0	42.08	183.0	40.49	177.2	38.93	165.3	35.87
	9	7.9	212.5	45.78	200.8	42.68	189.0	39.66	183.0	38.18	177.2	36.72	165.3	33.85
	11	9.8	212.5	43.07	200.8	40.17	189.0	37.36	183.0	35.98	177.2	34.62	165.3	31.95
	13	11.8	212.5	40.37	200.8	37.68	189.0	35.08	183.0	33.79	177.2	32.52	165.3	30.04

22. ARUM500LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	212.5	37.93	200.8	35.44	189.0	33.01	183.0	31.82	177.2	30.63	165.3	28.32
110	-30	-30.2	93.00	43.03	92.40	43.40	91.70	43.74	91.40	43.92	91.00	44.09	90.40	44.43
	-24.8	-25	108.2	45.36	107.4	45.75	106.7	46.13	106.2	46.33	105.9	46.52	105.1	46.89
	-21.8	-22	117.5	46.72	116.7	47.12	115.9	47.54	115.5	47.74	115.1	47.93	114.5	48.34
	-19.8	-20	124.1	47.62	123.3	48.05	122.5	48.47	122.0	48.68	121.7	48.89	120.8	49.29
	-18.8	-19	127.5	48.08	126.6	48.51	125.8	48.95	125.3	49.16	125.0	49.36	124.2	49.79
	-16.7	-17	134.6	49.02	133.6	49.46	132.8	49.91	132.3	50.13	131.9	50.35	131.0	50.77
	-15	-15.9	138.7	49.56	137.8	50.01	136.9	50.47	136.4	50.69	136.0	50.91	135.0	51.34
	-13.7	-15	142.5	50.04	141.6	50.52	140.7	50.98	140.3	51.22	139.8	51.44	139.0	51.88
	-11.8	-13	149.8	50.95	148.7	51.44	147.7	51.91	147.1	52.14	146.8	52.36	145.8	52.82
	-9.8	-11	157.6	51.93	156.5	52.43	155.4	52.91	154.9	53.14	154.4	53.38	151.6	52.86
	-9.5	-10	161.5	52.39	160.4	52.89	159.2	53.38	158.7	53.62	158.2	53.85	151.6	51.47
	-8.5	-9.1	165.2	52.85	164.0	53.36	162.9	53.84	162.4	54.10	161.9	54.33	151.6	50.14
	-7	-7.6	171.5	53.62	170.4	54.13	169.2	54.64	167.8	54.44	162.5	52.27	151.6	48.02
	-5	-5.6	180.3	54.65	179.2	55.18	173.3	53.40	167.8	51.32	162.5	49.29	151.6	45.31
	-3	-3.7	189.2	55.67	184.1	54.40	173.3	50.44	167.8	48.50	162.5	46.58	151.6	42.85
	0	-0.7	195.0	53.38	184.1	49.70	173.3	46.13	167.8	44.38	162.5	42.65	151.6	39.27
	3	2.2	195.0	48.92	184.1	45.60	173.3	42.36	167.8	40.78	162.5	39.21	151.6	36.14
	5	4.1	195.0	46.24	184.1	43.12	173.3	40.09	167.8	38.61	162.5	37.14	151.6	34.27
	7	6	195.0	43.68	184.1	40.75	173.3	37.89	167.8	36.49	162.5	35.11	151.6	32.41
	9	7.9	195.0	41.17	184.1	38.42	173.3	35.75	167.8	34.44	162.5	33.15	151.6	30.61
	11	9.8	195.0	38.76	184.1	36.21	173.3	33.71	167.8	32.49	162.5	31.29	151.6	28.93
	13	11.8	195.0	36.37	184.1	34.00	173.3	31.69	167.8	30.56	162.5	29.43	151.6	27.23
	15	13.7	195.0	34.22	184.1	32.02	173.3	29.86	167.8	28.80	162.5	27.75	151.6	25.70
100	-30	-30.2	92.50	43.32	91.80	43.66	91.20	44.01	90.90	44.18	90.60	44.35	89.90	44.69
	-24.8	-25	107.5	45.73	106.7	46.11	105.9	46.50	105.6	46.67	105.3	46.86	104.6	47.23
	-21.8	-22	116.7	47.14	115.9	47.54	115.1	47.94	114.7	48.14	114.5	48.34	113.7	48.72
	-19.8	-20	123.3	48.08	122.4	48.51	121.6	48.93	121.2	49.12	120.8	49.33	120.0	49.72
	-18.8	-19	126.6	48.56	125.8	48.99	124.9	49.41	124.5	49.62	124.1	49.82	123.3	50.23
	-16.7	-17	133.5	49.55	132.5	49.99	131.7	50.42	131.3	50.64	130.8	50.84	130.0	51.25
	-15	-15.9	137.6	50.12	136.6	50.57	135.8	51.01	135.3	51.23	134.9	51.44	134.0	51.85
	-13.7	-15	141.4	50.64	140.4	51.10	139.6	51.56	139.2	51.78	138.7	52.00	137.8	52.36
	-11.8	-13	148.4	51.59	147.4	52.05	146.4	52.51	145.9	52.74	145.5	52.96	137.8	49.77
	-9.8	-11	156.1	52.62	155.1	53.11	154.1	53.57	152.5	53.29	147.6	51.18	137.8	47.05
	-9.5	-10	159.9	53.11	158.7	53.59	157.5	53.96	152.5	51.87	147.6	49.83	137.8	45.83
	-8.5	-9.1	163.5	53.59	162.4	54.09	157.5	52.56	152.5	50.54	147.6	48.55	137.8	44.67
	-7	-7.6	169.8	54.41	167.3	54.24	157.5	50.33	152.5	48.40	147.6	46.51	137.8	42.80
	-5	-5.6	177.2	54.92	167.3	51.15	157.5	47.47	152.5	45.67	147.6	43.89	137.8	40.42
	-3	-3.7	177.2	51.87	167.3	48.32	157.5	44.88	152.5	43.18	147.6	41.52	137.8	38.26
	0	-0.7	177.2	47.42	167.3	44.22	157.5	41.10	152.5	39.57	147.6	38.07	137.8	35.11
	3	2.2	177.2	43.53	167.3	40.63	157.5	37.81	152.5	36.42	147.6	35.05	137.8	32.37
	5	4.1	177.2	41.18	167.3	38.47	157.5	35.82	152.5	34.52	147.6	33.24	137.8	30.71
	7	6	177.2	38.93	167.3	36.37	157.5	33.88	152.5	32.65	147.6	31.44	137.8	29.06
	9	7.9	177.2	36.72	167.3	34.33	157.5	32.00	152.5	30.85	147.6	29.71	137.8	27.49
	11	9.8	177.2	34.62	167.3	32.39	157.5	30.21	152.5	29.14	147.6	28.09	137.8	26.00
	13	11.8	177.2	32.52	167.3	30.45	157.5	28.43	152.5	27.43	147.6	26.44	137.8	24.51
	15	13.7	177.2	30.63	167.3	28.70	157.5	26.81	152.5	25.89	147.6	24.96	137.8	23.17

22. ARUM500LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	91.80	43.66	91.20	44.00	90.60	44.34	90.40	44.51	89.90	44.68	89.30	45.00
	-24.8	-25	106.7	46.16	105.9	46.55	105.1	46.91	104.9	47.10	104.5	47.27	103.7	47.63
	-21.8	-22	115.8	47.64	115.0	48.03	114.2	48.43	113.8	48.63	113.4	48.81	112.8	49.19
	-19.8	-20	122.1	48.64	121.3	49.05	120.5	49.45	120.1	49.65	119.7	49.84	118.9	50.23
	-18.8	-19	125.5	49.15	124.5	49.57	123.7	49.97	123.3	50.18	122.9	50.38	122.2	50.76
	-16.7	-17	132.2	50.18	131.3	50.61	130.5	51.03	130.0	51.24	129.5	51.44	124.0	49.08
	-15	-15.9	136.3	50.78	135.3	51.23	134.5	51.66	134.0	51.86	132.8	51.68	124.0	47.54
	-13.7	-15	140.0	51.35	139.1	51.80	138.2	52.24	137.3	52.16	132.8	50.08	124.0	46.02
	-11.8	-13	146.8	52.34	145.8	52.80	141.7	51.51	137.3	49.56	132.8	47.62	124.0	43.81
	-9.8	-11	154.3	53.45	150.5	52.44	141.7	48.69	137.3	46.85	132.8	45.03	124.0	41.47
	-9.5	-10	157.9	53.96	150.5	51.06	141.7	47.42	137.3	45.63	132.8	43.86	124.0	40.42
	-8.5	-9.1	159.5	53.37	150.5	49.74	141.7	46.21	137.3	44.47	132.8	42.76	124.0	39.40
	-7	-7.6	159.5	51.11	150.5	47.64	141.7	44.27	137.3	42.62	132.8	40.99	124.0	37.78
	-5	-5.6	159.5	48.19	150.5	44.96	141.7	41.79	137.3	40.24	132.8	38.72	124.0	35.71
	-3	-3.7	159.5	45.56	150.5	42.53	141.7	39.55	137.3	38.09	132.8	36.65	124.0	33.84
	0	-0.7	159.5	41.72	150.5	38.97	141.7	36.29	137.3	34.97	132.8	33.66	124.0	31.10
	3	2.2	159.5	38.37	150.5	35.87	141.7	33.44	137.3	32.24	132.8	31.05	124.0	28.73
	5	4.1	159.5	36.34	150.5	34.00	141.7	31.72	137.3	30.58	132.8	29.47	124.0	27.28
	7	6	159.5	34.37	150.5	32.16	141.7	30.01	137.3	28.95	132.8	27.91	124.0	25.85
	9	7.9	159.5	32.45	150.5	30.39	141.7	28.38	137.3	27.39	132.8	26.40	124.0	24.48
	11	9.8	159.5	30.65	150.5	28.72	141.7	26.83	137.3	25.90	132.8	24.98	124.0	23.17
	13	11.8	159.5	28.82	150.5	27.03	141.7	25.27	137.3	24.42	132.8	23.56	124.0	21.89
	15	13.7	159.5	27.19	150.5	25.52	141.7	23.88	137.3	23.08	132.8	22.28	124.0	20.71
80	-30	-30.2	91.20	44.07	90.40	44.41	89.90	44.74	89.60	44.90	89.30	45.06	88.70	45.38
	-24.8	-25	105.6	46.69	104.9	47.07	104.2	47.44	103.8	47.61	103.4	47.78	102.9	48.13
	-21.8	-22	114.5	48.26	113.7	48.65	113.0	49.02	112.6	49.20	112.3	49.40	110.3	48.91
	-19.8	-20	120.8	49.31	120.0	49.71	119.2	50.10	118.8	50.30	118.0	50.28	110.3	46.30
	-18.8	-19	124.0	49.86	123.2	50.26	122.4	50.65	122.0	50.85	118.0	48.93	110.3	45.07
	-16.7	-17	130.6	50.95	129.7	51.37	126.0	50.02	122.0	48.15	118.0	46.30	110.3	42.66
	-15	-15.9	134.5	51.60	133.7	52.02	126.0	48.45	122.0	46.63	118.0	44.83	110.3	41.29
	-13.7	-15	138.2	52.21	133.8	50.54	126.0	46.92	122.0	45.14	118.0	43.37	110.3	39.94
	-11.8	-13	141.7	51.52	133.8	48.05	126.0	44.65	122.0	42.97	118.0	41.33	110.3	38.07
	-9.8	-11	141.7	48.69	133.8	45.43	126.0	42.26	122.0	40.70	118.0	39.15	110.3	36.14
	-9.5	-10	141.7	47.42	133.8	44.25	126.0	41.17	122.0	39.66	118.0	38.16	110.3	35.23
	-8.5	-9.1	141.7	46.21	133.8	43.13	126.0	40.14	122.0	38.67	118.0	37.22	110.3	34.35
	-7	-7.6	141.7	44.27	133.8	41.34	126.0	38.48	122.0	37.09	118.0	35.69	110.3	32.96
	-5	-5.6	141.7	41.79	133.8	39.05	126.0	36.37	122.0	35.06	118.0	33.76	110.3	31.19
	-3	-3.7	141.7	39.55	133.8	36.97	126.0	34.45	122.0	33.22	118.0	32.00	110.3	29.60
	0	-0.7	141.7	36.29	133.8	33.96	126.0	31.67	122.0	30.55	118.0	29.45	110.3	27.27
	3	2.2	141.7	33.44	133.8	31.31	126.0	29.25	122.0	28.22	118.0	27.21	110.3	25.23
	5	4.1	141.7	31.72	133.8	29.72	126.0	27.76	122.0	26.80	118.0	25.85	110.3	23.98
	7	6	141.7	30.01	133.8	28.13	126.0	26.30	122.0	25.40	118.0	24.50	110.3	22.74
	9	7.9	141.7	28.38	133.8	26.62	126.0	24.91	122.0	24.06	118.0	23.22	110.3	21.57
	11	9.8	141.7	26.83	133.8	25.18	126.0	23.57	122.0	22.79	118.0	21.99	110.3	20.45
	13	11.8	141.7	25.27	133.8	23.74	126.0	22.25	122.0	21.51	118.0	20.78	110.3	19.35
	15	13.7	141.7	23.88	133.8	22.45	126.0	21.05	122.0	20.36	118.0	19.68	110.3	18.33
70	-30	-30.2	90.10	44.60	89.60	44.92	88.90	45.24	88.70	45.40	88.40	45.57	87.80	45.86

22. ARUM500LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	104.2	47.37	103.7	47.73	102.9	48.07	102.6	48.24	102.3	48.41	96.40	45.32
	-21.8	-22	113.0	49.03	112.2	49.40	110.3	48.91	106.7	47.09	103.3	45.30	96.40	41.79
	-19.8	-20	119.2	50.16	117.2	49.79	110.3	46.30	106.7	44.60	103.3	42.91	96.40	39.60
	-18.8	-19	122.2	50.73	117.2	48.43	110.3	45.07	106.7	43.41	103.3	41.77	96.40	38.55
	-16.7	-17	124.0	49.09	117.2	45.84	110.3	42.66	106.7	41.11	103.3	39.56	96.40	36.53
	-15	-15.9	124.0	47.54	117.2	44.39	110.3	41.29	106.7	39.77	103.3	38.26	96.40	35.30
	-13.7	-15	124.0	46.03	117.2	42.94	110.3	39.95	106.7	38.47	103.3	37.01	96.40	34.15
	-11.8	-13	124.0	43.81	117.2	40.90	110.3	38.07	106.7	36.65	103.3	35.28	96.40	32.56
	-9.8	-11	124.0	41.48	117.2	38.78	110.3	36.14	106.7	34.82	103.3	33.53	96.40	30.97
	-9.5	-10	124.0	40.42	117.2	37.79	110.3	35.23	106.7	33.97	103.3	32.71	96.40	30.27
	-8.5	-9.1	124.0	39.40	117.2	36.85	110.3	34.35	106.7	33.13	103.3	31.92	96.40	29.53
	-7	-7.6	124.0	37.78	117.2	35.36	110.3	32.96	106.7	31.80	103.3	30.64	96.40	28.36
	-5	-5.6	124.0	35.71	117.2	33.43	110.3	31.20	106.7	30.11	103.3	29.02	96.40	26.89
	-3	-3.7	124.0	33.84	117.2	31.70	110.3	29.60	106.7	28.57	103.3	27.55	96.40	25.53
	0	-0.7	124.0	31.10	117.2	29.17	110.3	27.27	106.7	26.33	103.3	25.40	96.40	23.57
	3	2.2	124.0	28.73	117.2	26.96	110.3	25.23	106.7	24.38	103.3	23.53	96.40	21.86
	5	4.1	124.0	27.28	117.2	25.61	110.3	23.98	106.7	23.16	103.3	22.37	96.40	20.80
	7	6	124.0	25.85	117.2	24.28	110.3	22.74	106.7	21.99	103.3	21.23	96.40	19.76
	9	7.9	124.0	24.48	117.2	23.01	110.3	21.57	106.7	20.87	103.3	20.16	96.40	18.77
	11	9.8	124.0	23.17	117.2	21.80	110.3	20.45	106.7	19.79	103.3	19.13	96.40	17.84
	13	11.8	124.0	21.89	117.2	20.59	110.3	19.35	106.7	18.72	103.3	18.11	96.40	16.89
	15	13.7	124.0	20.71	117.2	19.51	110.3	18.33	106.7	17.75	103.3	17.18	96.40	16.04
60	-30	-30.2	88.80	45.27	88.30	45.59	87.70	45.88	87.40	46.05	87.10	46.20	82.70	43.59
	-24.8	-25	102.6	48.23	100.4	47.50	94.50	44.23	91.60	42.63	88.60	41.04	82.70	37.91
	-21.8	-22	106.3	46.83	100.4	43.78	94.50	40.80	91.60	39.32	88.60	37.88	82.70	35.00
	-19.8	-20	106.3	44.36	100.4	41.48	94.50	38.66	91.60	37.28	88.60	35.91	82.70	33.21
	-18.8	-19	106.3	43.17	100.4	40.38	94.50	37.65	91.60	36.30	88.60	34.97	82.70	32.34
	-16.7	-17	106.3	40.88	100.4	38.25	94.50	35.67	91.60	34.40	88.60	33.15	82.70	30.68
	-15	-15.9	106.3	39.55	100.4	36.99	94.50	34.47	91.60	33.24	88.60	32.01	82.70	29.60
	-13.7	-15	106.3	38.27	100.4	35.79	94.50	33.36	91.60	32.17	88.60	30.99	82.70	28.68
	-11.8	-13	106.3	36.46	100.4	34.10	94.50	31.81	91.60	30.67	88.60	29.55	82.70	27.35
	-9.8	-11	106.3	34.64	100.4	32.43	94.50	30.25	91.60	29.18	88.60	28.12	82.70	26.03
	-9.5	-10	106.3	33.78	100.4	31.66	94.50	29.58	91.60	28.55	88.60	27.54	82.70	25.54
	-8.5	-9.1	106.3	32.96	100.4	30.89	94.50	28.87	91.60	27.86	88.60	26.88	82.70	24.94
	-7	-7.6	106.3	31.63	100.4	29.66	94.50	27.73	91.60	26.78	88.60	25.84	82.70	23.98
	-5	-5.6	106.3	29.94	100.4	28.10	94.50	26.29	91.60	25.39	88.60	24.51	82.70	22.76
	-3	-3.7	106.3	28.43	100.4	26.68	94.50	24.97	91.60	24.13	88.60	23.30	82.70	21.65
	0	-0.7	106.3	26.20	100.4	24.62	94.50	23.06	91.60	22.29	88.60	21.53	82.70	20.04
	3	2.2	106.3	24.25	100.4	22.81	94.50	21.39	91.60	20.70	88.60	20.00	82.70	18.64
	5	4.1	106.3	23.06	100.4	21.69	94.50	20.36	91.60	19.69	88.60	19.05	82.70	17.75
	7	6	106.3	21.88	100.4	20.60	94.50	19.35	91.60	18.73	88.60	18.11	82.70	16.90
	9	7.9	106.3	20.76	100.4	19.56	94.50	18.39	91.60	17.81	88.60	17.23	82.70	16.09
	11	9.8	106.3	19.70	100.4	18.58	94.50	17.47	91.60	16.92	88.60	16.39	82.70	15.33
	13	11.8	106.3	18.63	100.4	17.58	94.50	16.56	91.60	16.04	88.60	15.54	82.70	14.54
	15	13.7	106.3	17.67	100.4	16.68	94.50	15.72	91.60	15.25	88.60	14.78	82.70	13.85
50	-30	-30.2	87.10	46.17	83.70	44.20	78.70	41.22	76.30	39.75	73.80	38.28	68.90	35.42
	-24.8	-25	88.60	41.04	83.70	38.43	78.70	35.87	76.30	34.61	73.80	33.36	68.90	30.90

22. ARUM500LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	88.60	37.88	83.70	35.48	78.70	33.14	76.30	31.98	73.80	30.85	68.90	28.59
	-19.8	-20	88.60	35.91	83.70	33.65	78.70	31.44	76.30	30.36	73.80	29.28	68.90	27.15
	-18.8	-19	88.60	34.97	83.70	32.78	78.70	30.63	76.30	29.58	73.80	28.53	68.90	26.46
	-16.7	-17	88.60	33.15	83.70	31.09	78.70	29.07	76.30	28.07	73.80	27.09	68.90	25.14
	-15	-15.9	88.60	32.01	83.70	30.01	78.70	28.05	76.30	27.07	73.80	26.12	68.90	24.24
	-13.7	-15	88.60	30.99	83.70	29.04	78.70	27.15	76.30	26.22	73.80	25.30	68.90	23.47
	-11.8	-13	88.60	29.55	83.70	27.71	78.70	25.91	76.30	25.03	73.80	24.15	68.90	22.43
	-9.8	-11	88.60	28.12	83.70	26.38	78.70	24.68	76.30	23.84	73.80	23.00	68.90	21.37
	-9.5	-10	88.60	27.54	83.70	25.87	78.70	24.23	76.30	23.42	73.80	22.63	68.90	21.05
	-8.5	-9.1	88.60	26.88	83.70	25.26	78.70	23.66	76.30	22.89	73.80	22.10	68.90	20.56
	-7	-7.6	88.60	25.84	83.70	24.29	78.70	22.76	76.30	22.01	73.80	21.28	68.90	19.81
	-5	-5.6	88.60	24.51	83.70	23.06	78.70	21.61	76.30	20.92	73.80	20.21	68.90	18.84
	-3	-3.7	88.60	23.30	83.70	21.94	78.70	20.59	76.30	19.91	73.80	19.26	68.90	17.96
	0	-0.7	88.60	21.54	83.70	20.29	78.70	19.06	76.30	18.46	73.80	17.87	68.90	16.68
	3	2.2	88.60	20.01	83.70	18.87	78.70	17.74	76.30	17.19	73.80	16.64	68.90	15.56
	5	4.1	88.60	19.05	83.70	17.97	78.70	16.91	76.30	16.39	73.80	15.88	68.90	14.86
	7	6	88.60	18.11	83.70	17.11	78.70	16.11	76.30	15.62	73.80	15.14	68.90	14.18
	9	7.9	88.60	17.23	83.70	16.28	78.70	15.35	76.30	14.88	73.80	14.44	68.90	13.53
	11	9.8	88.60	16.39	83.70	15.50	78.70	14.62	76.30	14.19	73.80	13.77	68.90	12.93
	13	11.8	88.60	15.54	83.70	14.71	78.70	13.89	76.30	13.49	73.80	13.09	68.90	12.30
	15	13.7	88.60	14.78	83.70	14.00	78.70	13.23	76.30	12.86	73.80	12.48	68.90	11.73

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

22. ARUM500LTE6

22.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	93.90	42.60	93.20	42.96	92.50	43.32	92.10	43.49	91.80	43.68	91.20	44.03
	-24.8	-25	109.2	44.78	108.4	45.19	107.8	45.58	107.3	45.78	107.0	45.99	106.2	46.38
	-21.8	-22	118.8	46.04	118.0	46.47	117.2	46.89	116.7	47.11	116.4	47.31	115.5	47.71
	-19.8	-20	125.6	46.89	124.7	47.33	123.8	47.77	123.3	47.99	123.0	48.20	122.2	48.63
	-18.8	-19	129.1	47.31	128.2	47.76	127.3	48.22	126.9	48.43	126.3	48.65	125.5	49.07
	-16.7	-17	136.2	48.17	135.4	48.64	134.4	49.10	133.9	49.33	133.5	49.55	132.5	50.00
	-15	-15.9	140.7	48.67	139.6	49.15	138.6	49.62	138.2	49.84	137.7	50.08	136.8	50.52
	-13.7	-15	144.4	49.11	143.3	49.60	142.5	50.08	142.0	50.32	141.5	50.56	140.7	51.02
	-11.8	-13	151.8	49.95	150.7	50.44	149.8	50.94	149.2	51.18	148.7	51.42	147.7	51.89
	-9.8	-11	160.0	50.83	158.8	51.34	157.8	51.85	157.3	52.09	156.7	52.34	155.7	52.82
	-9.5	-10	163.9	51.24	162.8	51.76	161.7	52.28	161.2	52.53	160.6	52.79	159.5	53.28
	-8.5	-9.1	167.8	51.66	166.6	52.18	165.4	52.70	164.9	52.96	164.4	53.21	163.2	53.71
	-7	-7.6	174.4	52.34	173.2	52.88	172.0	53.42	171.5	53.67	170.8	53.93	169.6	54.44
	-5	-5.6	183.6	53.28	182.3	53.83	181.0	54.36	180.4	54.64	179.8	54.90	178.5	55.42
	-3	-3.7	192.7	54.17	191.4	54.74	190.0	55.30	189.4	55.58	188.7	55.85	179.2	52.57
	0	-0.7	207.7	55.63	206.1	56.22	204.6	56.74	198.3	54.56	192.0	52.36	179.2	48.06
	3	2.2	222.6	57.05	217.5	56.14	204.7	52.01	198.3	49.99	192.0	48.00	179.2	44.11
	5	4.1	218.0	51.97	205.0	48.14	192.2	44.43	185.8	42.61	179.2	40.82	166.2	37.31
	7	6	205.3	44.41	192.3	40.95	179.2	37.61	172.7	35.97	166.1	34.36	153.0	31.20
	9	7.9	192.2	37.51	179.1	34.46	165.8	31.47	159.2	30.02	152.5	28.59	139.2	25.77
	11	9.8	178.7	31.39	165.5	28.69	152.0	26.07	145.3	24.78	138.6	23.50	125.0	21.02
	13	11.8	164.7	25.90	151.3	23.53	137.8	21.25	130.9	20.12	124.2	19.01	110.3	16.84
	15	13.7	150.2	21.16	136.7	19.12	123.0	17.12	116.1	16.14	109.2	15.19	95.20	13.30
120	-30	-30.2	93.40	42.80	92.80	43.15	92.10	43.52	91.80	43.69	91.40	43.86	90.90	44.21
	-24.8	-25	108.7	45.05	108.0	45.44	107.2	45.84	106.7	46.04	106.5	46.23	105.7	46.61
	-21.8	-22	118.3	46.35	117.5	46.77	116.6	47.19	116.2	47.40	115.8	47.60	115.0	48.00
	-19.8	-20	124.9	47.23	124.1	47.66	123.3	48.10	122.8	48.31	122.4	48.51	121.6	48.94
	-18.8	-19	128.3	47.66	127.5	48.11	126.6	48.56	126.1	48.77	125.8	48.98	124.9	49.41
	-16.7	-17	135.4	48.56	134.6	49.02	133.6	49.48	133.2	49.70	132.8	49.92	131.9	50.35
	-15	-15.9	139.6	49.07	138.8	49.55	137.8	50.01	137.4	50.24	136.9	50.47	136.0	50.91
	-13.7	-15	143.6	49.54	142.5	50.03	141.7	50.50	141.2	50.73	140.7	50.96	139.9	51.41
	-11.8	-13	150.9	50.41	149.9	50.90	148.8	51.38	148.3	51.62	147.9	51.85	146.9	52.31
	-9.8	-11	159.0	51.34	157.8	51.84	156.7	52.34	156.2	52.59	155.7	52.82	154.6	53.30
	-9.5	-10	162.8	51.78	161.7	52.29	160.4	52.79	159.9	53.04	159.5	53.28	158.4	53.76
	-8.5	-9.1	166.5	52.21	165.4	52.73	164.3	53.23	163.7	53.48	163.2	53.73	162.1	54.22
	-7	-7.6	173.1	52.94	172.0	53.45	170.7	53.98	170.2	54.23	169.6	54.48	165.3	53.46
	-5	-5.6	182.0	53.91	180.8	54.45	179.5	54.99	179.0	55.24	177.2	54.92	165.3	50.40
	-3	-3.7	191.1	54.87	189.8	55.42	188.4	55.97	183.0	54.03	177.2	51.87	165.3	47.62
	0	-0.7	205.6	56.41	200.8	55.41	189.0	51.36	183.0	49.37	177.2	47.41	165.3	43.59
	3	2.2	212.5	54.54	200.8	50.77	189.0	47.09	183.0	45.30	177.2	43.53	165.3	40.06
	5	4.1	201.2	47.03	189.3	43.62	177.5	40.31	171.4	38.69	165.5	37.09	153.4	33.97
	7	6	189.5	40.24	177.5	37.18	165.5	34.20	159.5	32.73	153.3	31.29	141.2	28.46
	9	7.9	177.5	34.08	165.3	31.35	153.0	28.70	147.0	27.39	140.8	26.11	128.5	23.59
	11	9.8	165.0	28.60	152.7	26.19	140.3	23.84	134.2	22.68	128.0	21.54	115.5	19.31
	13	11.8	152.0	23.66	139.7	21.56	127.2	19.50	120.9	18.49	114.6	17.49	101.8	15.54

22. ARUM500LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	138.7	19.41	126.2	17.57	113.5	15.79	107.2	14.91	100.8	14.05	87.80	12.34
110	-30	-30.2	93.00	43.03	92.40	43.40	91.70	43.74	91.40	43.92	91.00	44.09	90.40	44.43
	-24.8	-25	108.2	45.36	107.4	45.75	106.7	46.13	106.2	46.33	105.9	46.52	105.1	46.89
	-21.8	-22	117.5	46.72	116.7	47.12	115.9	47.54	115.5	47.74	115.1	47.93	114.5	48.34
	-19.8	-20	124.1	47.62	123.3	48.05	122.5	48.47	122.0	48.68	121.7	48.89	120.8	49.29
	-18.8	-19	127.5	48.08	126.6	48.51	125.8	48.95	125.3	49.16	125.0	49.36	124.2	49.79
	-16.7	-17	134.6	49.02	133.6	49.46	132.8	49.91	132.3	50.13	131.9	50.35	131.0	50.77
	-15	-15.9	138.7	49.56	137.8	50.01	136.9	50.47	136.4	50.69	136.0	50.91	135.0	51.34
	-13.7	-15	142.5	50.04	141.6	50.52	140.7	50.98	140.3	51.22	139.8	51.44	139.0	51.88
	-11.8	-13	149.8	50.95	148.7	51.44	147.7	51.91	147.1	52.14	146.8	52.36	145.8	52.82
	-9.8	-11	157.6	51.93	156.5	52.43	155.4	52.91	154.9	53.14	154.4	53.38	151.6	52.86
	-9.5	-10	161.5	52.39	160.4	52.89	159.2	53.38	158.7	53.62	158.2	53.85	151.6	51.47
	-8.5	-9.1	165.2	52.85	164.0	53.36	162.9	53.84	162.4	54.10	161.9	54.33	151.6	50.14
	-7	-7.6	171.5	53.62	170.4	54.13	169.2	54.64	167.8	54.44	162.5	52.27	151.6	48.02
	-5	-5.6	180.3	54.65	179.2	55.18	173.3	53.40	167.8	51.32	162.5	49.29	151.6	45.31
	-3	-3.7	189.2	55.67	184.1	54.40	173.3	50.44	167.8	48.50	162.5	46.58	151.6	42.85
	0	-0.7	195.0	53.38	184.1	49.70	173.3	46.13	167.8	44.38	162.5	42.65	151.6	39.27
	3	2.2	195.0	48.92	184.1	45.60	173.3	42.36	167.8	40.78	162.5	39.21	151.6	36.14
	5	4.1	184.5	42.27	173.6	39.27	162.5	36.35	157.2	34.92	151.7	33.50	140.7	30.72
	7	6	173.7	36.24	162.8	33.53	151.7	30.89	146.1	29.61	140.5	28.32	129.5	25.82
	9	7.9	162.7	30.77	151.6	28.36	140.3	26.01	134.7	24.85	129.1	23.71	117.8	21.46
	11	9.8	151.2	25.90	140.0	23.76	128.7	21.67	123.0	20.65	117.2	19.64	105.8	17.64
	13	11.8	139.3	21.51	128.0	19.64	116.6	17.81	110.8	16.91	105.0	16.03	93.40	14.28
	15	13.7	127.1	17.71	115.5	16.09	104.1	14.49	98.30	13.71	92.30	12.93	80.50	11.42
100	-30	-30.2	92.50	43.32	91.80	43.66	91.20	44.01	90.90	44.18	90.60	44.35	89.90	44.69
	-24.8	-25	107.5	45.73	106.7	46.11	105.9	46.50	105.6	46.67	105.3	46.86	104.6	47.23
	-21.8	-22	116.7	47.14	115.9	47.54	115.1	47.94	114.7	48.14	114.5	48.34	113.7	48.72
	-19.8	-20	123.3	48.08	122.4	48.51	121.6	48.93	121.2	49.12	120.8	49.33	120.0	49.72
	-18.8	-19	126.6	48.56	125.8	48.99	124.9	49.41	124.5	49.62	124.1	49.82	123.3	50.23
	-16.7	-17	133.5	49.55	132.5	49.99	131.7	50.42	131.3	50.64	130.8	50.84	130.0	51.25
	-15	-15.9	137.6	50.12	136.6	50.57	135.8	51.01	135.3	51.23	134.9	51.44	134.0	51.85
	-13.7	-15	141.4	50.64	140.4	51.10	139.6	51.56	139.2	51.78	138.7	52.00	137.8	52.36
	-11.8	-13	148.4	51.59	147.4	52.05	146.4	52.51	145.9	52.74	145.5	52.96	137.8	49.77
	-9.8	-11	156.1	52.62	155.1	53.11	154.1	53.57	152.5	53.29	147.6	51.18	137.8	47.05
	-9.5	-10	159.9	53.11	158.7	53.59	157.5	53.96	152.5	51.87	147.6	49.83	137.8	45.83
	-8.5	-9.1	163.5	53.59	162.4	54.09	157.5	52.56	152.5	50.54	147.6	48.55	137.8	44.67
	-7	-7.6	169.8	54.41	167.3	54.24	157.5	50.33	152.5	48.40	147.6	46.51	137.8	42.80
	-5	-5.6	177.2	54.92	167.3	51.15	157.5	47.47	152.5	45.67	147.6	43.89	137.8	40.42
	-3	-3.7	177.2	51.87	167.3	48.32	157.5	44.88	152.5	43.18	147.6	41.52	137.8	38.26
	0	-0.7	177.2	47.42	167.3	44.22	157.5	41.10	152.5	39.57	147.6	38.07	137.8	35.11
	3	2.2	177.2	43.53	167.3	40.63	157.5	37.81	152.5	36.42	147.6	35.05	137.8	32.37
	5	4.1	167.7	37.70	157.8	35.09	147.8	32.53	142.8	31.27	137.8	30.03	127.8	27.58
	7	6	158.0	32.39	148.0	30.03	137.8	27.71	132.8	26.58	127.8	25.45	117.7	23.25
	9	7.9	147.9	27.59	137.8	25.47	127.5	23.40	122.5	22.39	117.4	21.38	107.1	19.42
	11	9.8	137.5	23.29	127.2	21.42	117.0	19.58	111.7	18.69	106.6	17.79	96.20	16.04
	13	11.8	126.7	19.42	116.4	17.77	106.0	16.17	100.8	15.37	95.50	14.59	85.00	13.05
	15	13.7	115.5	16.08	105.0	14.63	94.60	13.23	89.20	12.55	83.90	11.86	73.20	10.52

22. ARUM500LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	91.80	43.66	91.20	44.00	90.60	44.34	90.40	44.51	89.90	44.68	89.30	45.00
	-24.8	-25	106.7	46.16	105.9	46.55	105.1	46.91	104.9	47.10	104.5	47.27	103.7	47.63
	-21.8	-22	115.8	47.64	115.0	48.03	114.2	48.43	113.8	48.63	113.4	48.81	112.8	49.19
	-19.8	-20	122.1	48.64	121.3	49.05	120.5	49.45	120.1	49.65	119.7	49.84	118.9	50.23
	-18.8	-19	125.5	49.15	124.5	49.57	123.7	49.97	123.3	50.18	122.9	50.38	122.2	50.76
	-16.7	-17	132.2	50.18	131.3	50.61	130.5	51.03	130.0	51.24	129.5	51.44	124.0	49.08
	-15	-15.9	136.3	50.78	135.3	51.23	134.5	51.66	134.0	51.86	132.8	51.68	124.0	47.54
	-13.7	-15	140.0	51.35	139.1	51.80	138.2	52.24	137.3	52.16	132.8	50.08	124.0	46.02
	-11.8	-13	146.8	52.34	145.8	52.80	141.7	51.51	137.3	49.56	132.8	47.62	124.0	43.81
	-9.8	-11	154.3	53.45	150.5	52.44	141.7	48.69	137.3	46.85	132.8	45.03	124.0	41.47
	-9.5	-10	157.9	53.96	150.5	51.06	141.7	47.42	137.3	45.63	132.8	43.86	124.0	40.42
	-8.5	-9.1	159.5	53.37	150.5	49.74	141.7	46.21	137.3	44.47	132.8	42.76	124.0	39.40
	-7	-7.6	159.5	51.11	150.5	47.64	141.7	44.27	137.3	42.62	132.8	40.99	124.0	37.78
	-5	-5.6	159.5	48.19	150.5	44.96	141.7	41.79	137.3	40.24	132.8	38.72	124.0	35.71
	-3	-3.7	159.5	45.56	150.5	42.53	141.7	39.55	137.3	38.09	132.8	36.65	124.0	33.84
	0	-0.7	159.5	41.72	150.5	38.97	141.7	36.29	137.3	34.97	132.8	33.66	124.0	31.10
	3	2.2	159.5	38.37	150.5	35.87	141.7	33.44	137.3	32.24	132.8	31.05	124.0	28.73
	5	4.1	150.9	33.32	142.0	31.06	133.0	28.84	128.6	27.75	124.1	26.68	115.0	24.55
	7	6	142.2	28.69	133.2	26.64	124.1	24.64	119.5	23.66	115.0	22.69	105.9	20.78
	9	7.9	133.0	24.51	124.0	22.69	114.8	20.89	110.3	20.02	105.7	19.14	96.40	17.42
	11	9.8	123.7	20.78	114.5	19.15	105.3	17.56	100.5	16.78	95.90	16.00	86.60	14.47
	13	11.8	114.1	17.41	104.7	15.98	95.40	14.57	90.70	13.88	85.90	13.20	76.40	11.86
	15	13.7	104.0	14.48	94.60	13.23	85.10	12.01	80.30	11.40	75.50	10.81	65.80	9.64
80	-30	-30.2	91.20	44.07	90.40	44.41	89.90	44.74	89.60	44.90	89.30	45.06	88.70	45.38
	-24.8	-25	105.6	46.69	104.9	47.07	104.2	47.44	103.8	47.61	103.4	47.78	102.9	48.13
	-21.8	-22	114.5	48.26	113.7	48.65	113.0	49.02	112.6	49.20	112.3	49.40	110.3	48.91
	-19.8	-20	120.8	49.31	120.0	49.71	119.2	50.10	118.8	50.30	118.0	50.28	110.3	46.30
	-18.8	-19	124.0	49.86	123.2	50.26	122.4	50.65	122.0	50.85	118.0	48.93	110.3	45.07
	-16.7	-17	130.6	50.95	129.7	51.37	126.0	50.02	122.0	48.15	118.0	46.30	110.3	42.66
	-15	-15.9	134.5	51.60	133.7	52.02	126.0	48.45	122.0	46.63	118.0	44.83	110.3	41.29
	-13.7	-15	138.2	52.21	133.8	50.54	126.0	46.92	122.0	45.14	118.0	43.37	110.3	39.94
	-11.8	-13	141.7	51.52	133.8	48.05	126.0	44.65	122.0	42.97	118.0	41.33	110.3	38.07
	-9.8	-11	141.7	48.69	133.8	45.43	126.0	42.26	122.0	40.70	118.0	39.15	110.3	36.14
	-9.5	-10	141.7	47.42	133.8	44.25	126.0	41.17	122.0	39.66	118.0	38.16	110.3	35.23
	-8.5	-9.1	141.7	46.21	133.8	43.13	126.0	40.14	122.0	38.67	118.0	37.22	110.3	34.35
	-7	-7.6	141.7	44.27	133.8	41.34	126.0	38.48	122.0	37.09	118.0	35.69	110.3	32.96
	-5	-5.6	141.7	41.79	133.8	39.05	126.0	36.37	122.0	35.06	118.0	33.76	110.3	31.19
	-3	-3.7	141.7	39.55	133.8	36.97	126.0	34.45	122.0	33.22	118.0	32.00	110.3	29.60
	0	-0.7	141.7	36.29	133.8	33.96	126.0	31.67	122.0	30.55	118.0	29.45	110.3	27.27
	3	2.2	141.7	33.44	133.8	31.31	126.0	29.25	122.0	28.22	118.0	27.21	110.3	25.23
	5	4.1	134.2	29.12	126.2	27.19	118.3	25.30	114.2	24.37	110.3	23.44	102.3	21.63
	7	6	126.3	25.15	118.3	23.41	110.3	21.70	106.3	20.85	102.2	20.02	94.10	18.39
	9	7.9	118.3	21.57	110.2	20.00	102.0	18.47	98.00	17.72	93.90	16.97	85.70	15.50
	11	9.8	110.0	18.36	101.7	16.97	93.60	15.61	89.50	14.93	85.30	14.27	77.00	12.95
	13	11.8	101.3	15.47	93.00	14.23	84.70	13.04	80.50	12.45	76.40	11.86	67.90	10.69
	15	13.7	92.50	12.95	84.10	11.87	75.70	10.82	71.40	10.31	67.20	9.78	58.60	8.77
70	-30	-30.2	90.10	44.60	89.60	44.92	88.90	45.24	88.70	45.40	88.40	45.57	87.80	45.86

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	104.2	47.37	103.7	47.73	102.9	48.07	102.6	48.24	102.3	48.41	96.40	45.32
	-21.8	-22	113.0	49.03	112.2	49.40	110.3	48.91	106.7	47.09	103.3	45.30	96.40	41.79
	-19.8	-20	119.2	50.16	117.2	49.79	110.3	46.30	106.7	44.60	103.3	42.91	96.40	39.60
	-18.8	-19	122.2	50.73	117.2	48.43	110.3	45.07	106.7	43.41	103.3	41.77	96.40	38.55
	-16.7	-17	124.0	49.09	117.2	45.84	110.3	42.66	106.7	41.11	103.3	39.56	96.40	36.53
	-15	-15.9	124.0	47.54	117.2	44.39	110.3	41.29	106.7	39.77	103.3	38.26	96.40	35.30
	-13.7	-15	124.0	46.03	117.2	42.94	110.3	39.95	106.7	38.47	103.3	37.01	96.40	34.15
	-11.8	-13	124.0	43.81	117.2	40.90	110.3	38.07	106.7	36.65	103.3	35.28	96.40	32.56
	-9.8	-11	124.0	41.48	117.2	38.78	110.3	36.14	106.7	34.82	103.3	33.53	96.40	30.97
	-9.5	-10	124.0	40.42	117.2	37.79	110.3	35.23	106.7	33.97	103.3	32.71	96.40	30.27
	-8.5	-9.1	124.0	39.40	117.2	36.85	110.3	34.35	106.7	33.13	103.3	31.92	96.40	29.53
	-7	-7.6	124.0	37.78	117.2	35.36	110.3	32.96	106.7	31.80	103.3	30.64	96.40	28.36
	-5	-5.6	124.0	35.71	117.2	33.43	110.3	31.20	106.7	30.11	103.3	29.02	96.40	26.89
	-3	-3.7	124.0	33.84	117.2	31.70	110.3	29.60	106.7	28.57	103.3	27.55	96.40	25.53
	0	-0.7	124.0	31.10	117.2	29.17	110.3	27.27	106.7	26.33	103.3	25.40	96.40	23.57
	3	2.2	124.0	28.73	117.2	26.96	110.3	25.23	106.7	24.38	103.3	23.53	96.40	21.86
	5	4.1	117.5	25.10	110.5	23.48	103.5	21.89	100.0	21.11	96.50	20.34	89.50	18.82
	7	6	110.5	21.75	103.6	20.30	96.50	18.86	93.00	18.16	89.50	17.46	82.30	16.09
	9	7.9	103.5	18.75	96.40	17.43	89.30	16.15	85.80	15.52	82.20	14.88	75.00	13.65
	11	9.8	96.20	16.04	89.10	14.88	82.00	13.72	78.30	13.16	74.70	12.60	67.30	11.48
	13	11.8	88.70	13.59	81.50	12.57	74.20	11.56	70.50	11.05	66.80	10.56	59.50	9.57
	15	13.7	80.90	11.47	73.60	10.57	66.20	9.67	62.50	9.23	58.80	8.81	51.20	7.94
60	-30	-30.2	88.80	45.27	88.30	45.59	87.70	45.88	87.40	46.05	87.10	46.20	82.70	43.59
	-24.8	-25	102.6	48.23	100.4	47.50	94.50	44.23	91.60	42.63	88.60	41.04	82.70	37.91
	-21.8	-22	106.3	46.83	100.4	43.78	94.50	40.80	91.60	39.32	88.60	37.88	82.70	35.00
	-19.8	-20	106.3	44.36	100.4	41.48	94.50	38.66	91.60	37.28	88.60	35.91	82.70	33.21
	-18.8	-19	106.3	43.17	100.4	40.38	94.50	37.65	91.60	36.30	88.60	34.97	82.70	32.34
	-16.7	-17	106.3	40.88	100.4	38.25	94.50	35.67	91.60	34.40	88.60	33.15	82.70	30.68
	-15	-15.9	106.3	39.55	100.4	36.99	94.50	34.47	91.60	33.24	88.60	32.01	82.70	29.60
	-13.7	-15	106.3	38.27	100.4	35.79	94.50	33.36	91.60	32.17	88.60	30.99	82.70	28.68
	-11.8	-13	106.3	36.46	100.4	34.10	94.50	31.81	91.60	30.67	88.60	29.55	82.70	27.35
	-9.8	-11	106.3	34.64	100.4	32.43	94.50	30.25	91.60	29.18	88.60	28.12	82.70	26.03
	-9.5	-10	106.3	33.78	100.4	31.66	94.50	29.58	91.60	28.55	88.60	27.54	82.70	25.54
	-8.5	-9.1	106.3	32.96	100.4	30.89	94.50	28.87	91.60	27.86	88.60	26.88	82.70	24.94
	-7	-7.6	106.3	31.63	100.4	29.66	94.50	27.73	91.60	26.78	88.60	25.84	82.70	23.98
	-5	-5.6	106.3	29.94	100.4	28.10	94.50	26.29	91.60	25.39	88.60	24.51	82.70	22.76
	-3	-3.7	106.3	28.43	100.4	26.68	94.50	24.97	91.60	24.13	88.60	23.30	82.70	21.65
	0	-0.7	106.3	26.20	100.4	24.62	94.50	23.06	91.60	22.29	88.60	21.53	82.70	20.04
	3	2.2	106.3	24.25	100.4	22.81	94.50	21.39	91.60	20.70	88.60	20.00	82.70	18.64
	5	4.1	100.5	21.26	94.70	19.94	88.70	18.64	85.80	18.00	82.80	17.38	76.70	16.13
	7	6	94.70	18.51	88.80	17.32	82.80	16.15	79.70	15.58	76.70	15.01	70.50	13.87
	9	7.9	88.70	16.05	82.70	14.97	76.60	13.91	73.50	13.40	70.50	12.87	64.20	11.86
	11	9.8	82.50	13.83	76.30	12.86	70.20	11.92	67.00	11.45	64.00	10.99	57.80	10.08
	13	11.8	76.00	11.81	69.80	10.95	63.60	10.11	60.50	9.70	57.30	9.30	50.90	8.48
	15	13.7	69.30	10.04	63.00	9.30	56.70	8.56	53.60	8.20	50.30	7.85	43.90	7.13
50	-30	-30.2	87.10	46.17	83.70	44.20	78.70	41.22	76.30	39.75	73.80	38.28	68.90	35.42
	-24.8	-25	88.60	41.04	83.70	38.43	78.70	35.87	76.30	34.61	73.80	33.36	68.90	30.90

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	88.60	37.88	83.70	35.48	78.70	33.14	76.30	31.98	73.80	30.85	68.90	28.59
	-19.8	-20	88.60	35.91	83.70	33.65	78.70	31.44	76.30	30.36	73.80	29.28	68.90	27.15
	-18.8	-19	88.60	34.97	83.70	32.78	78.70	30.63	76.30	29.58	73.80	28.53	68.90	26.46
	-16.7	-17	88.60	33.15	83.70	31.09	78.70	29.07	76.30	28.07	73.80	27.09	68.90	25.14
	-15	-15.9	88.60	32.01	83.70	30.01	78.70	28.05	76.30	27.07	73.80	26.12	68.90	24.24
	-13.7	-15	88.60	30.99	83.70	29.04	78.70	27.15	76.30	26.22	73.80	25.30	68.90	23.47
	-11.8	-13	88.60	29.55	83.70	27.71	78.70	25.91	76.30	25.03	73.80	24.15	68.90	22.43
	-9.8	-11	88.60	28.12	83.70	26.38	78.70	24.68	76.30	23.84	73.80	23.00	68.90	21.37
	-9.5	-10	88.60	27.54	83.70	25.87	78.70	24.23	76.30	23.42	73.80	22.63	68.90	21.05
	-8.5	-9.1	88.60	26.88	83.70	25.26	78.70	23.66	76.30	22.89	73.80	22.10	68.90	20.56
	-7	-7.6	88.60	25.84	83.70	24.29	78.70	22.76	76.30	22.01	73.80	21.28	68.90	19.81
	-5	-5.6	88.60	24.51	83.70	23.06	78.70	21.61	76.30	20.92	73.80	20.21	68.90	18.84
	-3	-3.7	88.60	23.30	83.70	21.94	78.70	20.59	76.30	19.91	73.80	19.26	68.90	17.96
	0	-0.7	88.60	21.54	83.70	20.29	78.70	19.06	76.30	18.46	73.80	17.87	68.90	16.68
	3	2.2	88.60	20.01	83.70	18.87	78.70	17.74	76.30	17.19	73.80	16.64	68.90	15.56
	5	4.1	83.80	17.62	78.90	16.57	73.90	15.55	71.40	15.05	68.90	14.54	63.90	13.56
	7	6	79.00	15.44	74.00	14.50	68.90	13.57	66.40	13.11	63.90	12.65	58.80	11.75
	9	7.9	73.90	13.47	68.90	12.62	63.80	11.78	61.20	11.37	58.70	10.96	53.60	10.14
	11	9.8	68.70	11.70	63.70	10.94	58.50	10.18	55.90	9.81	53.30	9.44	48.00	8.72
	13	11.8	63.30	10.09	58.20	9.41	53.00	8.75	50.30	8.41	47.80	8.09	42.50	7.45
	15	13.7	57.80	8.69	52.50	8.09	47.30	7.50	44.70	7.21	42.00	6.91	36.60	6.34

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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22.5 Capacity Correction Factor

22.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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22.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

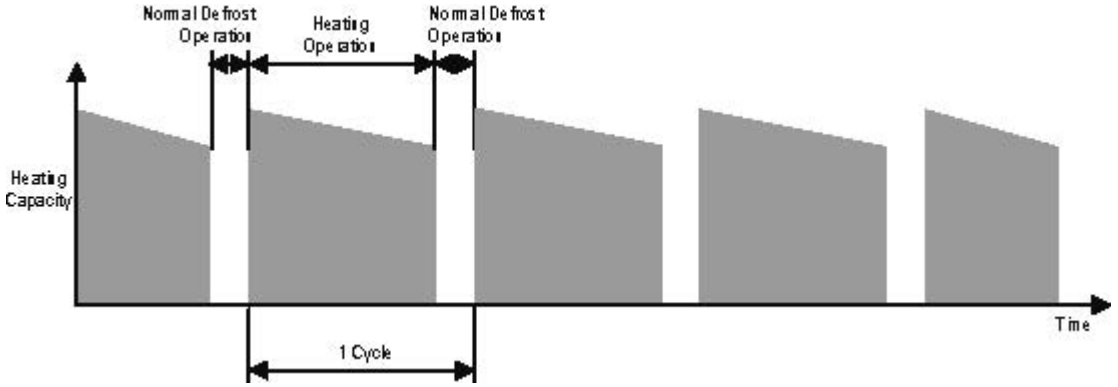
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

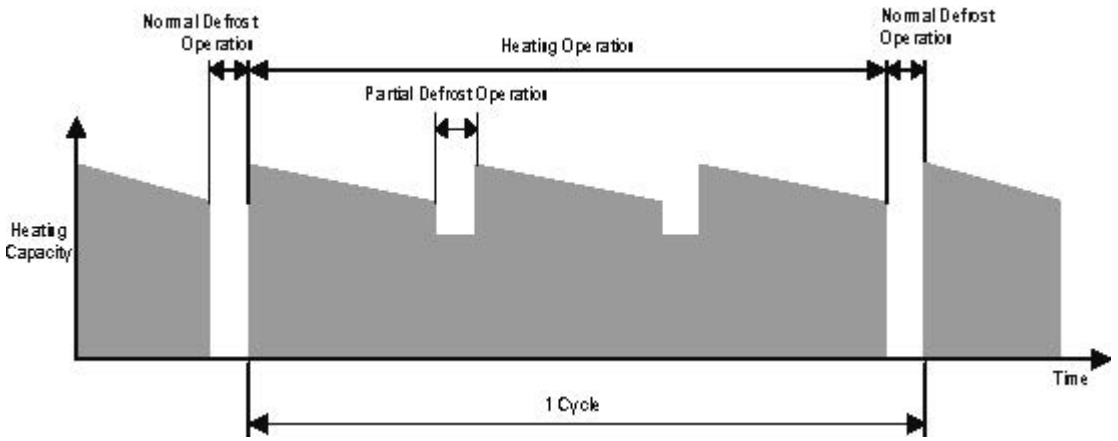
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

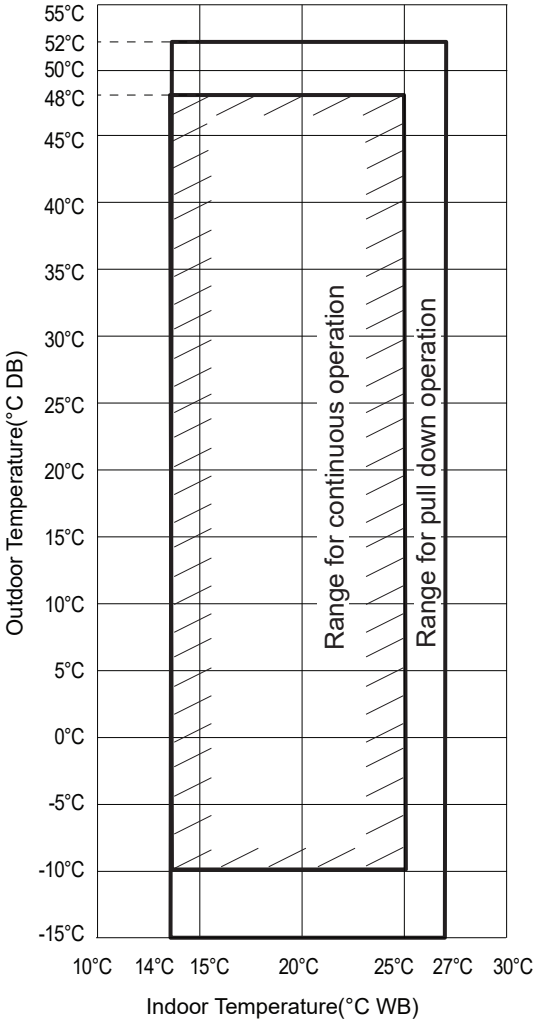


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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22.6 Operation Limits

22.6.1 Cooling

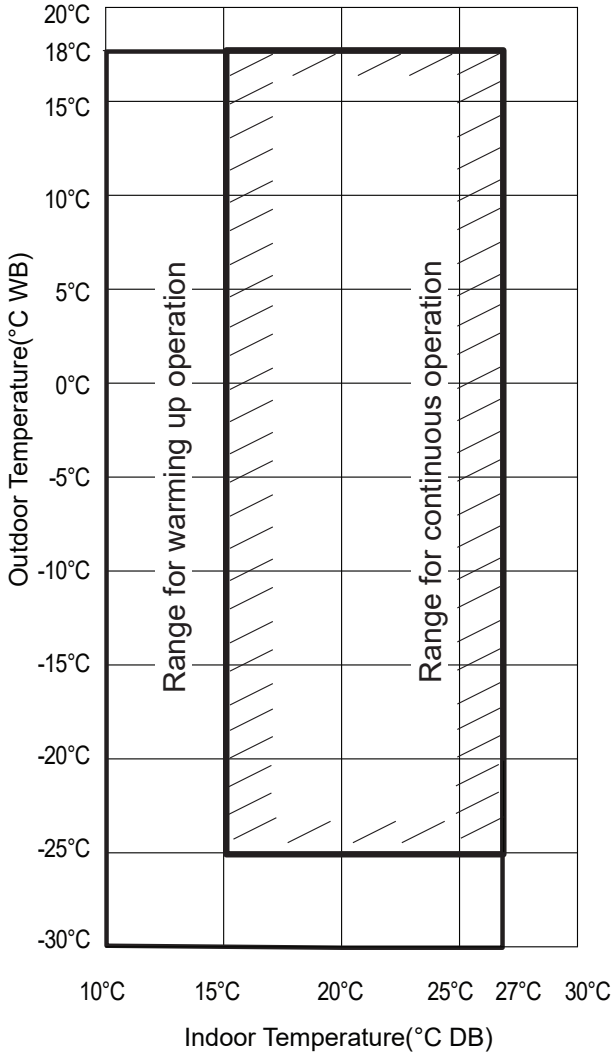


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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22.6.2 Heating

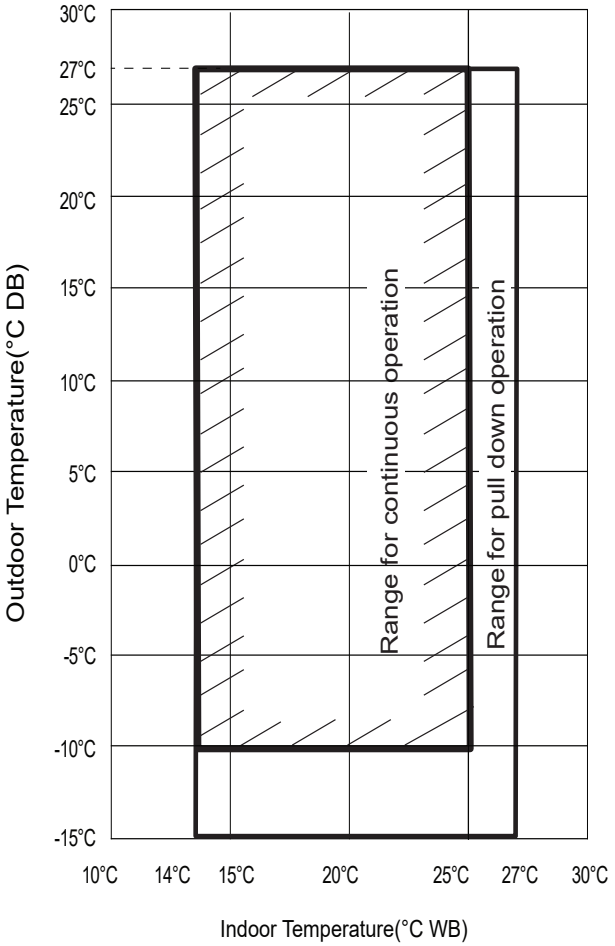


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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22.6.3 Simultaneous Operation (Cooling)

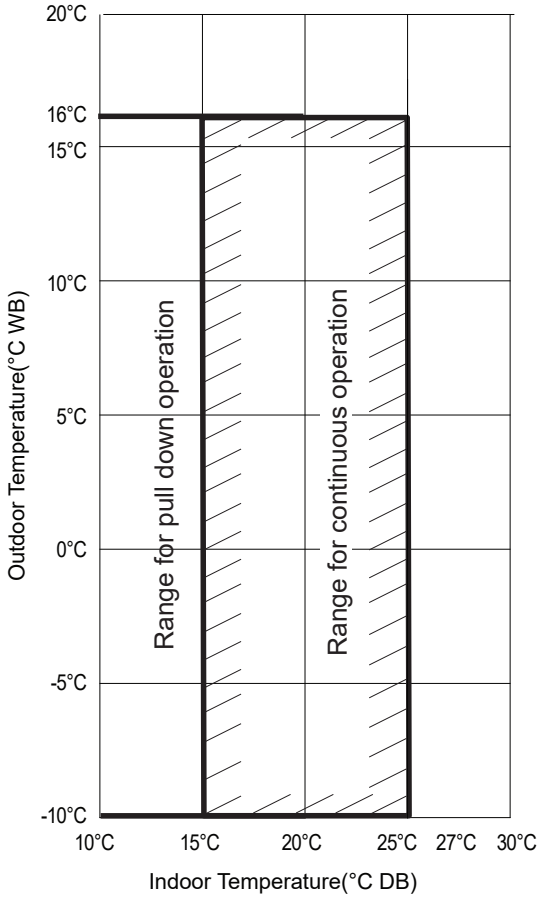


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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22.6.4 Simultaneous Operation (Heating)



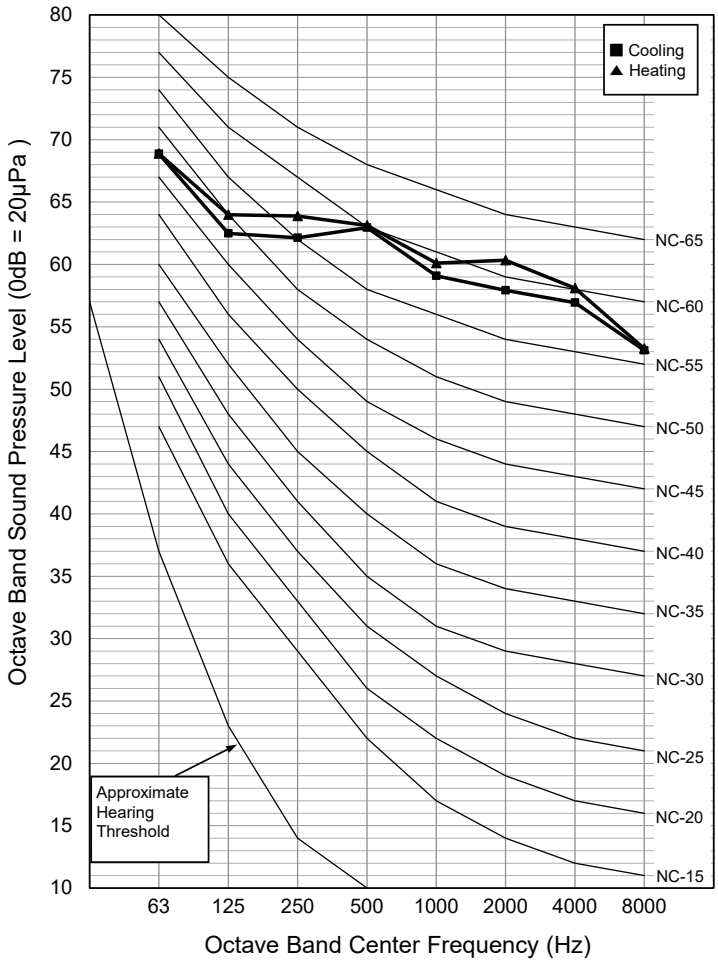
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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22.7 Sound Levels

22.7.1 Pressure Levels



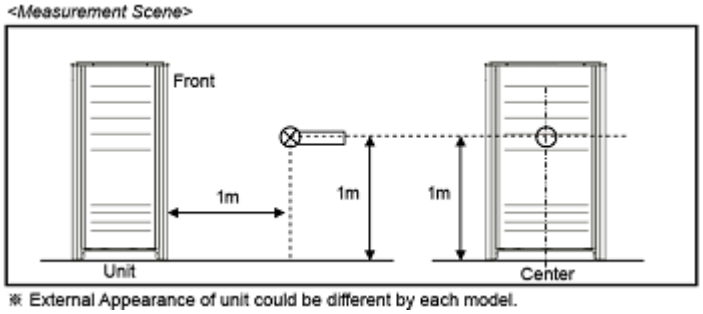
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	68.9	62.5	62.1	62.9	59.1	57.9	56.9	53.1
Heating[dB]	68.9	64.0	63.9	63.1	60.1	60.3	58.1	53.2

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	65.6 / 66.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

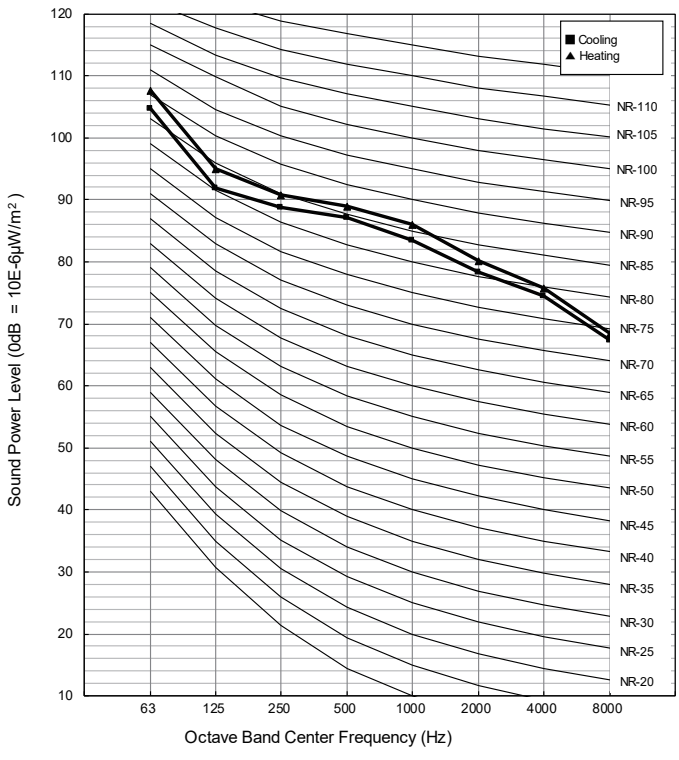
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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22.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	104.7	91.9	88.8	87.1	83.5	78.3	74.5	67.3	89.1
Heating [dB]	107.6	95.0	88.8	87.1	83.5	78.3	74.5	67.3	91.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	89.1 / 91.3

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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23.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXA
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM120LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	76.34 - 72.53 - 69.9
	Running Current by Voltage (Heating,Rated)	A	53.99 - 51.29 - 49.44
Cooling Capacity	Rated	kW	145.6
		Btu/h	496,800
Heating Capacity	Rated	kW	145.6
		Btu/h	496,800
	Max	kW	163.8
		Btu/h	558,900
Power Input(Cooling)	Rated	kW	46.73
Power Input(Heating)	Rated	kW	33.05
Efficiency	EER(Rated)	W/W	3.12
	COP(Rated)	W/W	4.41
	SEER	Wh/Wh	8.26
	SCOP	Wh/Wh	5.08
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (220 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (1,200 × 1)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 5
	Number of Revolution	rev./min	3,600 x 5
	Motor Output	W x No.	5,300 x 5
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	3
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,240 x 1,745 x 760) x 2) + ((930 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,282 x 1,919 x 802) x 2) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	(300 x 1) + (300 x 1) + (215 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (225 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	41.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	86.631
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	66.0 / 67.4
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	89.5 / 92.4
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	120.0
	Maximum Fuse Amperes (MFA)	A	150
	Total Over Current Amperes (TOCA)	A	132.0
	Comp_Maximum Starting Current (MSC)	A	29.5
	Comp_Rated Load Amperes (Cooling)	A	68.8
	Comp_Rated Load Amperes (Heating)	A	46.5
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	7.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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23.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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23.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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23.4 Capacity Tables

23.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	113.6	11.67	143.5	16.41	175.7	24.15	189.3	28.12	204.4	33.24	217.4	37.56	227.5	40.92
	12	113.6	12.78	143.5	18.11	175.7	26.55	189.3	30.80	204.4	36.22	217.4	40.49	227.5	43.87
	14	113.6	14.01	143.5	19.98	175.7	29.17	189.3	33.73	204.4	39.41	217.4	43.69	227.5	47.07
	16	113.6	15.38	143.5	22.06	175.7	32.04	189.3	36.92	204.4	42.75	217.4	47.13	227.5	50.55
	18	113.6	16.90	143.5	24.34	175.7	35.16	189.3	40.41	204.4	46.35	217.4	50.50	227.2	53.14
	20	113.6	18.58	143.5	26.81	175.7	38.57	189.3	44.09	204.4	49.07	217.4	52.69	226.8	55.19
	21	113.6	19.48	143.5	28.16	175.7	40.31	189.3	45.33	204.4	50.23	217.4	53.84	226.6	56.28
	23	113.6	21.45	143.5	31.00	175.7	42.75	189.3	47.97	204.4	52.67	217.4	56.29	226.1	58.69
	25	113.6	23.58	143.5	33.29	175.7	45.33	189.3	50.67	204.4	55.30	217.0	58.93	225.5	61.36
	27	113.6	25.48	143.5	35.46	175.7	48.12	189.3	53.38	204.4	58.17	216.5	61.80	225.0	64.36
	29	113.6	27.17	143.5	37.78	175.7	51.11	189.3	56.30	204.4	61.28	215.9	64.98	224.3	67.71
	31	113.6	28.96	143.5	40.27	175.7	54.40	189.3	59.46	204.4	64.73	215.2	68.57	223.7	71.55
	33	113.6	30.89	143.5	42.94	175.7	57.82	189.3	62.91	203.7	68.39	212.7	71.86	213.4	72.03
	35	113.6	32.93	143.5	45.82	175.7	61.25	189.3	66.73	200.4	71.33	201.2	71.54	201.9	71.70
	37	113.6	35.12	143.5	48.94	175.7	65.01	187.1	70.11	187.3	70.16	187.1	70.13	187.0	70.11
	39	113.6	37.45	143.5	52.18	173.9	68.35	173.7	68.30	173.7	68.26	173.7	68.31	173.7	68.31
	41	113.6	39.94	143.5	55.72	161.0	66.28	160.8	66.25	160.8	66.22	160.6	66.14	160.8	66.24
	43	113.6	42.64	143.5	59.63	148.4	62.67	148.2	62.67	148.2	62.60	148.2	62.65	147.9	62.55
	46	113.6	47.07	130.5	57.46	130.3	57.42	130.3	57.45	130.3	57.40	130.1	57.34	130.2	57.42
	48	113.6	50.37	119.1	53.85	118.9	53.79	118.9	53.80	119.2	54.01	118.9	53.85	118.9	53.82
	50	108.7	50.61	108.4	50.54	108.2	50.44	108.2	50.51	108.2	50.46	108.0	50.42	108.0	50.40
	52	96.00	44.07	97.40	41.79	98.00	39.51	98.00	39.02	98.00	38.50	98.10	38.05	98.10	37.74
120	10	105.0	10.65	132.6	14.41	162.2	20.50	174.7	23.84	188.7	27.96	200.7	31.90	210.1	35.21
	12	105.0	11.60	132.6	15.88	162.2	22.63	174.7	26.26	188.7	30.64	200.7	34.83	210.1	38.10
	14	105.0	12.67	132.6	17.51	162.2	24.96	174.7	28.86	188.7	33.55	200.7	38.00	210.1	41.24
	16	105.0	13.85	132.6	19.30	162.2	27.50	174.7	31.68	188.7	36.72	200.7	41.46	210.1	44.64
	18	105.0	15.19	132.6	21.29	162.2	30.30	174.7	34.78	188.7	40.21	200.7	45.04	210.1	48.31
	20	105.0	16.65	132.6	23.47	162.2	33.35	174.7	38.17	188.7	43.89	200.7	47.97	210.1	50.65
	21	105.0	17.43	132.6	24.64	162.2	34.98	174.7	39.92	188.7	45.14	200.7	49.13	210.1	51.82
	23	105.0	19.16	132.6	27.14	162.2	37.84	174.7	42.36	188.7	47.78	200.7	51.58	210.1	54.28
	25	105.0	21.05	132.6	29.57	162.2	40.19	174.7	44.94	188.7	50.52	200.7	54.19	210.1	56.94
	27	105.0	22.97	132.6	31.52	162.2	42.69	174.7	47.69	188.7	53.22	200.7	57.00	210.1	59.84
	29	105.0	24.48	132.6	33.59	162.2	45.37	174.7	50.66	188.7	56.12	200.7	60.08	209.8	62.98
	31	105.0	26.09	132.6	35.80	162.2	48.26	174.7	53.90	188.7	59.27	200.7	63.45	209.1	66.38
	33	105.0	27.81	132.6	38.16	162.2	51.37	174.7	57.42	188.7	62.71	200.6	67.18	208.5	70.21
	35	105.0	29.66	132.6	40.71	162.2	54.76	174.7	60.82	188.7	66.53	199.9	71.16	201.0	71.51
	37	105.0	31.64	132.6	43.44	162.2	58.47	174.7	64.55	187.3	70.15	187.3	70.15	187.1	70.11
	39	105.0	33.73	132.6	46.37	162.2	62.61	174.0	68.37	173.9	68.33	173.7	68.32	173.7	68.29
	41	105.0	35.97	132.6	49.56	161.1	66.29	160.8	66.24	160.8	66.19	160.6	66.15	160.6	66.15
	43	105.0	38.38	132.6	53.06	148.4	62.71	148.4	62.66	148.2	62.59	148.2	62.61	148.2	62.66
	46	105.0	42.32	130.5	57.53	130.3	57.38	130.3	57.38	130.3	57.41	130.2	57.38	130.3	57.37
	48	105.0	45.20	119.1	53.84	119.1	53.87	119.1	53.92	118.9	53.84	118.9	53.80	118.9	53.77
	50	105.0	48.32	108.4	50.49	108.2	50.51	108.2	50.50	108.2	50.50	108.2	50.51	108.2	50.40
	52	95.70	44.94	96.80	42.72	98.10	40.45	98.00	40.00	98.10	39.49	98.10	39.09	98.10	38.88
110	10	96.20	9.80	121.4	12.72	148.7	17.43	160.1	20.00	172.9	23.36	183.8	26.50	192.4	29.16
	12	96.20	10.58	121.4	13.96	148.7	19.25	160.1	22.07	172.9	25.74	183.8	29.09	192.4	31.93
	14	96.20	11.49	121.4	15.35	148.7	21.24	160.1	24.35	172.9	28.32	183.8	31.89	192.4	34.92

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	96.20	12.49	121.4	16.90	148.7	23.45	160.1	26.84	172.9	31.12	183.8	34.96	192.4	38.19
	18	96.20	13.64	121.4	18.60	148.7	25.86	160.1	29.57	172.9	34.17	183.8	38.30	192.4	41.77
	20	96.20	14.90	121.4	20.47	148.7	28.49	160.1	32.56	172.9	37.49	183.8	41.95	192.4	45.34
	21	96.20	15.59	121.4	21.48	148.7	29.89	160.1	34.17	172.9	39.27	183.8	43.34	192.4	46.62
	23	96.20	17.08	121.4	23.66	148.7	32.93	160.1	37.06	172.9	41.74	183.8	45.89	192.4	49.14
	25	96.20	18.73	121.4	26.05	148.7	35.10	160.1	39.45	172.9	44.28	183.8	48.65	192.4	51.70
	27	96.20	20.55	121.4	27.87	148.7	37.39	160.1	41.89	172.9	46.99	183.8	51.61	192.4	54.45
	29	96.20	21.98	121.4	29.72	148.7	39.83	160.1	44.52	172.9	49.94	183.8	54.52	192.4	57.39
	31	96.20	23.41	121.4	31.67	148.7	42.45	160.1	47.35	172.9	53.11	183.8	57.59	192.4	60.63
	33	96.20	24.97	121.4	33.76	148.7	45.27	160.1	50.40	172.9	56.61	183.8	60.93	192.4	64.16
	35	96.20	26.61	121.4	36.01	148.7	48.24	160.1	53.72	172.9	60.15	183.8	64.59	192.4	68.08
	37	96.20	28.37	121.4	38.39	148.7	51.41	160.1	57.34	172.9	63.81	183.8	68.65	187.1	70.09
	39	96.20	30.27	121.4	40.96	148.7	54.86	160.1	61.36	172.9	67.86	173.8	68.30	173.9	68.32
	41	96.20	32.27	121.4	43.73	148.7	58.67	160.1	65.82	161.1	66.28	160.8	66.25	160.8	66.26
	43	96.20	34.43	121.4	46.72	148.3	62.57	148.4	62.73	148.4	62.68	148.1	62.60	148.2	62.62
	46	96.20	37.94	121.4	51.68	130.3	57.46	130.3	57.43	130.3	57.46	130.3	57.46	130.1	57.34
	48	96.20	40.48	119.1	53.90	119.1	53.90	119.1	53.90	119.1	53.84	118.9	53.84	118.9	53.83
	50	96.20	43.21	108.5	50.58	108.3	50.50	108.2	50.52	108.2	50.47	108.2	50.44	108.2	50.46
	52	95.20	45.43	96.10	43.82	97.60	41.58	97.90	41.15	98.10	40.68	97.70	40.25	98.10	39.68
100	10	87.40	9.03	110.5	11.28	135.2	14.85	145.6	16.80	157.3	19.31	167.2	21.79	175.0	23.95
	12	87.40	9.71	110.5	12.33	135.2	16.38	145.6	18.53	157.3	21.33	167.2	24.04	175.0	26.37
	14	87.40	10.46	110.5	13.49	135.2	18.06	145.6	20.47	157.3	23.53	167.2	26.48	175.0	28.96
	16	87.40	11.32	110.5	14.78	135.2	19.93	145.6	22.58	157.3	25.96	167.2	29.17	175.0	31.81
	18	87.40	12.26	110.5	16.22	135.2	21.97	145.6	24.91	157.3	28.61	167.2	32.11	175.0	34.93
	20	87.40	13.36	110.5	17.84	135.2	24.23	145.6	27.46	157.3	31.50	167.2	35.30	175.0	38.30
	21	87.40	13.92	110.5	18.70	135.2	25.43	145.6	28.81	157.3	33.06	167.2	36.98	175.0	40.07
	23	87.40	15.20	110.5	20.56	135.2	28.02	145.6	31.75	157.3	36.02	167.2	39.65	175.0	42.49
	25	87.40	16.64	110.5	22.61	135.2	30.43	145.6	33.99	157.3	38.32	167.2	42.07	175.0	45.06
	27	87.40	18.21	110.5	24.53	135.2	32.42	145.6	36.21	157.3	40.79	167.2	44.67	175.0	47.83
	29	87.40	19.65	110.5	26.14	135.2	34.55	145.6	38.56	157.3	43.38	167.2	47.47	175.0	50.82
	31	87.40	20.92	110.5	27.86	135.2	36.83	145.6	41.10	157.3	46.13	167.2	50.49	175.0	54.07
	33	87.40	22.29	110.5	29.71	135.2	39.26	145.6	43.83	157.3	49.08	167.2	53.76	175.0	57.57
	35	87.40	23.77	110.5	31.69	135.2	41.86	145.6	46.79	157.3	52.31	167.2	57.35	175.0	60.97
	37	87.40	25.33	110.5	33.78	135.2	44.68	145.6	49.88	157.3	55.81	167.2	61.32	175.0	64.70
	39	87.40	27.01	110.5	36.03	135.2	47.73	145.6	53.21	157.3	59.67	167.2	65.15	174.0	68.37
	41	87.40	28.82	110.5	38.43	135.2	51.03	145.6	56.85	157.3	63.96	160.8	66.22	161.0	66.27
	43	87.40	30.74	110.5	41.01	135.2	54.62	145.6	60.88	148.2	62.63	148.4	62.71	148.4	62.71
	46	87.40	33.87	110.5	45.26	130.3	57.43	130.5	57.44	130.5	57.45	130.5	57.47	130.3	57.38
	48	87.40	36.13	110.5	48.36	119.3	53.93	119.1	53.91	119.1	53.90	119.1	53.89	119.1	53.91
	50	87.40	38.56	108.5	50.52	108.4	50.50	108.4	50.50	108.2	50.45	108.2	50.44	108.2	50.43
	52	87.40	41.15	95.80	44.43	96.60	42.82	97.10	42.14	97.70	41.43	98.10	40.75	98.10	40.20
90	10	78.80	8.40	99.30	10.10	121.7	12.72	131.0	14.16	141.5	16.02	150.5	17.80	157.5	19.39
	12	78.80	8.94	99.30	10.94	121.7	13.98	131.0	15.60	141.5	17.67	150.5	19.67	157.5	21.41
	14	78.80	9.57	99.30	11.90	121.7	15.38	131.0	17.19	141.5	19.51	150.5	21.71	157.5	23.61
	16	78.80	10.27	99.30	12.98	121.7	16.93	131.0	18.95	141.5	21.51	150.5	23.97	157.5	26.05
	18	78.80	11.07	99.30	14.18	121.7	18.63	131.0	20.89	141.5	23.74	150.5	26.41	157.5	28.70
	20	78.80	11.96	99.30	15.52	121.7	20.52	131.0	23.02	141.5	26.16	150.5	29.11	157.5	31.61
	21	78.80	12.46	99.30	16.24	121.7	21.53	131.0	24.18	141.5	27.46	150.5	30.56	157.5	33.17
	23	78.80	13.53	99.30	17.81	121.7	23.71	131.0	26.63	141.5	30.26	150.5	33.60	157.5	36.11
	25	78.80	14.73	99.30	19.54	121.7	26.10	131.0	29.08	141.5	32.57	150.5	35.78	157.5	38.42
	27	78.80	16.09	99.30	21.46	121.7	27.92	131.0	30.99	141.5	34.70	150.5	38.10	157.5	40.90

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	78.80	17.50	99.30	22.87	121.7	29.77	131.0	33.02	141.5	36.97	150.5	40.58	157.5	43.48
	31	78.80	18.61	99.30	24.38	121.7	31.73	131.0	35.21	141.5	39.41	150.5	43.26	157.5	46.25
	33	78.80	19.80	99.30	25.99	121.7	33.82	131.0	37.54	141.5	42.03	150.5	46.08	157.5	49.23
	35	78.80	21.10	99.30	27.70	121.7	36.06	131.0	40.03	141.5	44.82	150.5	49.08	157.5	52.43
	37	78.80	22.49	99.30	29.53	121.7	38.47	131.0	42.69	141.5	47.87	150.5	52.32	157.5	55.95
	39	78.80	23.99	99.30	31.50	121.7	41.04	131.0	45.59	141.5	51.12	150.5	55.87	157.5	59.83
	41	78.80	25.59	99.30	33.59	121.7	43.81	131.0	48.72	141.5	54.58	150.5	59.75	157.5	64.15
	43	78.80	27.30	99.30	35.83	121.7	46.80	131.0	52.11	141.5	58.37	148.4	62.68	148.4	62.68
	46	78.80	30.08	99.30	39.48	121.7	51.77	130.4	57.45	130.5	57.46	130.3	57.44	130.5	57.48
	48	78.80	32.10	99.30	42.15	119.3	53.96	119.1	53.90	119.1	53.87	119.1	53.84	119.1	53.86
	50	78.80	34.25	99.30	45.02	108.5	50.59	108.4	50.58	108.4	50.53	108.4	50.52	108.4	50.50
	52	78.80	36.56	95.30	45.20	96.30	43.49	96.80	42.81	97.40	42.07	97.70	41.39	98.10	40.86
80	10	69.90	7.64	88.40	9.11	108.1	11.01	116.5	12.03	125.8	13.33	133.7	14.61	140.1	15.72
	12	69.90	8.31	88.40	9.79	108.1	12.01	116.5	13.18	125.8	14.67	133.7	16.11	140.1	17.35
	14	69.90	8.80	88.40	10.55	108.1	13.13	116.5	14.47	125.8	16.15	133.7	17.76	140.1	19.16
	16	69.90	9.37	88.40	11.43	108.1	14.39	116.5	15.89	125.8	17.80	133.7	19.60	140.1	21.13
	18	69.90	10.02	88.40	12.40	108.1	15.78	116.5	17.47	125.8	19.61	133.7	21.62	140.1	23.31
	20	69.90	10.74	88.40	13.50	108.1	17.31	116.5	19.23	125.8	21.61	133.7	23.83	140.1	25.70
	21	69.90	11.15	88.40	14.09	108.1	18.16	116.5	20.16	125.8	22.67	133.7	25.00	140.1	26.97
	23	69.90	12.05	88.40	15.39	108.1	19.94	116.5	22.20	125.8	24.98	133.7	27.54	140.1	29.70
	25	69.90	13.04	88.40	16.83	108.1	21.93	116.5	24.43	125.8	27.44	133.7	29.98	140.1	32.05
	27	69.90	14.18	88.40	18.43	108.1	23.86	116.5	26.31	125.8	29.26	133.7	31.95	140.1	34.16
	29	69.90	15.46	88.40	19.87	108.1	25.42	116.5	28.05	125.8	31.19	133.7	34.04	140.1	36.40
	31	69.90	16.47	88.40	21.16	108.1	27.11	116.5	29.90	125.8	33.25	133.7	36.29	140.1	38.79
	33	69.90	17.50	88.40	22.56	108.1	28.91	116.5	31.88	125.8	35.45	133.7	38.69	140.1	41.36
	35	69.90	18.64	88.40	24.04	108.1	30.81	116.5	33.97	125.8	37.80	133.7	41.25	140.1	44.12
	37	69.90	19.85	88.40	25.62	108.1	32.87	116.5	36.24	125.8	40.30	133.7	44.01	140.1	47.11
	39	69.90	21.16	88.40	27.33	108.1	35.04	116.5	38.65	125.8	43.01	133.7	47.02	140.1	50.35
	41	69.90	22.58	88.40	29.15	108.1	37.38	116.5	41.25	125.8	45.94	133.7	50.26	140.1	53.74
	43	69.90	24.09	88.40	31.09	108.1	39.88	116.5	44.02	125.8	49.10	133.7	53.80	140.1	57.45
	46	69.90	26.56	88.40	34.27	108.1	43.99	116.5	48.64	125.8	54.41	130.3	57.39	130.3	57.42
	48	69.90	28.36	88.40	36.56	108.1	47.00	116.5	52.06	119.1	53.89	119.1	53.87	119.1	53.86
	50	69.90	30.27	88.40	39.01	108.1	50.28	108.5	50.57	108.4	50.54	108.5	50.52	108.3	50.51
	52	69.90	32.31	88.40	41.63	95.80	44.40	96.30	43.69	96.80	42.92	97.10	42.21	97.60	41.69
70	10	61.30	6.31	77.20	8.32	94.60	9.64	101.9	10.35	110.0	11.23	117.0	12.11	122.5	12.86
	12	61.30	7.75	77.20	8.84	94.60	10.42	101.9	11.24	110.0	12.28	117.0	13.27	122.5	14.12
	14	61.30	8.13	77.20	9.43	94.60	11.28	101.9	12.23	110.0	13.43	117.0	14.56	122.5	15.54
	16	61.30	8.59	77.20	10.11	94.60	12.27	101.9	13.36	110.0	14.72	117.0	16.00	122.5	17.09
	18	61.30	9.10	77.20	10.88	94.60	13.37	101.9	14.62	110.0	16.16	117.0	17.60	122.5	18.83
	20	61.30	9.69	77.20	11.77	94.60	14.60	101.9	16.01	110.0	17.74	117.0	19.37	122.5	20.74
	21	61.30	10.01	77.20	12.25	94.60	15.27	101.9	16.76	110.0	18.62	117.0	20.32	122.5	21.76
	23	61.30	10.73	77.20	13.29	94.60	16.71	101.9	18.40	110.0	20.46	117.0	22.37	122.5	23.96
	25	61.30	11.54	77.20	14.46	94.60	18.33	101.9	20.19	110.0	22.50	117.0	24.62	122.5	26.37
	27	61.30	12.47	77.20	15.77	94.60	20.09	101.9	22.12	110.0	24.42	117.0	26.49	122.5	28.19
	29	61.30	13.53	77.20	17.18	94.60	21.53	101.9	23.57	110.0	26.02	117.0	28.24	122.5	30.06
	31	61.30	14.52	77.20	18.24	94.60	22.93	101.9	25.13	110.0	27.75	117.0	30.11	122.5	32.05
	33	61.30	15.39	77.20	19.43	94.60	24.44	101.9	26.79	110.0	29.58	117.0	32.10	122.5	34.16
	35	61.30	16.36	77.20	20.69	94.60	26.07	101.9	28.56	110.0	31.53	117.0	34.21	122.5	36.43
	37	61.30	17.41	77.20	22.04	94.60	27.79	101.9	30.46	110.0	33.64	117.0	36.49	122.5	38.85
	39	61.30	18.54	77.20	23.51	94.60	29.65	101.9	32.49	110.0	35.87	117.0	38.92	122.5	41.45
	41	61.30	19.77	77.20	25.08	94.60	31.61	101.9	34.65	110.0	38.27	117.0	41.55	122.5	44.24

23. ARUM520LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	61.30	21.11	77.20	26.76	94.60	33.71	101.9	36.95	110.0	40.82	117.0	44.34	122.5	47.26
	46	61.30	23.28	77.20	29.49	94.60	37.16	101.9	40.74	110.0	45.05	117.0	49.00	122.5	52.31
	48	61.30	24.87	77.20	31.48	94.60	39.65	101.9	43.49	110.0	48.15	117.0	52.46	119.3	53.94
	50	61.30	26.57	77.20	33.58	94.60	42.32	101.9	46.45	108.5	50.57	108.5	50.49	108.4	50.54
	52	61.30	28.37	77.20	35.84	94.60	45.19	95.50	44.85	96.10	44.05	96.60	43.34	96.80	42.79
60	10	52.50	5.02	66.30	7.04	81.10	8.57	87.40	9.03	94.40	9.61	100.4	10.18	105.0	10.68
	12	52.50	7.05	66.30	8.07	81.10	9.14	87.40	9.68	94.40	10.39	100.4	11.05	105.0	11.62
	14	52.50	7.37	66.30	8.51	81.10	9.79	87.40	10.44	94.40	11.25	100.4	12.02	105.0	12.67
	16	52.50	7.73	66.30	9.02	81.10	10.54	87.40	11.29	94.40	12.22	100.4	13.12	105.0	13.85
	18	52.50	8.16	66.30	9.61	81.10	11.37	87.40	12.24	94.40	13.32	100.4	14.35	105.0	15.19
	20	52.50	8.63	66.30	10.28	81.10	12.33	87.40	13.33	94.40	14.55	100.4	15.69	105.0	16.66
	21	52.50	8.90	66.30	10.66	81.10	12.84	87.40	13.90	94.40	15.22	100.4	16.43	105.0	17.45
	23	52.50	9.48	66.30	11.46	81.10	13.96	87.40	15.18	94.40	16.66	100.4	18.03	105.0	19.16
	25	52.50	10.14	66.30	12.39	81.10	15.24	87.40	16.59	94.40	18.25	100.4	19.79	105.0	21.05
	27	52.50	10.91	66.30	13.43	81.10	16.65	87.40	18.18	94.40	20.03	100.4	21.71	105.0	22.97
	29	52.50	11.78	66.30	14.60	81.10	18.07	87.40	19.62	94.40	21.47	100.4	23.14	105.0	24.48
	31	52.50	12.70	66.30	15.62	81.10	19.21	87.40	20.89	94.40	22.87	100.4	24.65	105.0	26.10
	33	52.50	13.44	66.30	16.59	81.10	20.45	87.40	22.24	94.40	24.38	100.4	26.28	105.0	27.84
	35	52.50	14.25	66.30	17.65	81.10	21.79	87.40	23.72	94.40	25.99	100.4	28.02	105.0	29.68
	37	52.50	15.15	66.30	18.78	81.10	23.24	87.40	25.27	94.40	27.70	100.4	29.87	105.0	31.64
	39	52.50	16.12	66.30	20.04	81.10	24.79	87.40	26.96	94.40	29.55	100.4	31.87	105.0	33.75
	41	52.50	17.19	66.30	21.35	81.10	26.44	87.40	28.77	94.40	31.52	100.4	33.98	105.0	35.99
	43	52.50	18.34	66.30	22.79	81.10	28.20	87.40	30.69	94.40	33.61	100.4	36.25	105.0	38.40
	46	52.50	20.24	66.30	25.14	81.10	31.09	87.40	33.79	94.40	37.03	100.4	39.95	105.0	42.35
	48	52.50	21.62	66.30	26.84	81.10	33.16	87.40	36.06	94.40	39.52	100.4	42.64	105.0	45.22
	50	52.50	23.11	66.30	28.67	81.10	35.37	87.40	38.48	94.40	42.19	100.4	45.56	105.0	48.35
	52	52.50	24.72	66.30	30.60	81.10	37.74	87.40	41.07	94.40	45.06	95.50	44.92	95.80	44.36
50	10	43.70	3.89	55.10	5.39	67.60	7.24	72.80	8.03	78.50	8.40	83.70	8.75	87.60	9.03
	12	43.70	6.10	55.10	7.27	67.60	8.15	72.80	8.51	78.50	8.94	83.70	9.35	87.60	9.71
	14	43.70	6.58	55.10	7.61	67.60	8.61	72.80	9.02	78.50	9.56	83.70	10.05	87.60	10.46
	16	43.70	6.87	55.10	8.01	67.60	9.13	72.80	9.64	78.50	10.26	83.70	10.83	87.60	11.32
	18	43.70	7.20	55.10	8.44	67.60	9.75	72.80	10.34	78.50	11.05	83.70	11.72	87.60	12.27
	20	43.70	7.57	55.10	8.96	67.60	10.44	72.80	11.12	78.50	11.95	83.70	12.71	87.60	13.36
	21	43.70	7.78	55.10	9.23	67.60	10.82	72.80	11.55	78.50	12.44	83.70	13.25	87.60	13.95
	23	43.70	8.25	55.10	9.87	67.60	11.67	72.80	12.51	78.50	13.51	83.70	14.45	87.60	15.23
	25	43.70	8.78	55.10	10.58	67.60	12.61	72.80	13.58	78.50	14.73	83.70	15.78	87.60	16.64
	27	43.70	9.39	55.10	11.40	67.60	13.70	72.80	14.77	78.50	16.06	83.70	17.24	87.60	18.21
	29	43.70	10.08	55.10	12.33	67.60	14.90	72.80	16.10	78.50	17.48	83.70	18.68	87.60	19.65
	31	43.70	10.85	55.10	13.28	67.60	15.91	72.80	17.14	78.50	18.59	83.70	19.88	87.60	20.92
	33	43.70	11.51	55.10	14.05	67.60	16.91	72.80	18.22	78.50	19.78	83.70	21.17	87.60	22.29
	35	43.70	12.17	55.10	14.89	67.60	17.99	72.80	19.41	78.50	21.07	83.70	22.56	87.60	23.77
	37	43.70	12.89	55.10	15.84	67.60	19.15	72.80	20.67	78.50	22.46	83.70	24.04	87.60	25.35
	39	43.70	13.70	55.10	16.86	67.60	20.41	72.80	22.04	78.50	23.96	83.70	25.65	87.60	27.03
	41	43.70	14.59	55.10	17.96	67.60	21.78	72.80	23.51	78.50	25.54	83.70	27.36	87.60	28.82
	43	43.70	15.56	55.10	19.17	67.60	23.24	72.80	25.09	78.50	27.27	83.70	29.19	87.60	30.75
	46	43.70	17.20	55.10	21.17	67.60	25.65	72.80	27.67	78.50	30.05	83.70	32.16	87.60	33.87
	48	43.70	18.44	55.10	22.61	67.60	27.37	72.80	29.53	78.50	32.05	83.70	34.32	87.60	36.14
	50	43.70	19.80	55.10	24.17	67.60	29.23	72.80	31.50	78.50	34.20	83.70	36.60	87.60	38.56
	52	43.70	21.28	55.10	25.83	67.60	31.19	72.80	33.62	78.50	36.50	83.70	39.06	87.60	41.17

23. ARUM520LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

23. ARUM520LTE6

23.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	31.00	2.13	49.70	3.40	70.40	4.86	75.40	5.24	80.30	5.61	85.50	6.02	91.00	6.52
	12	31.00	2.13	49.70	3.41	70.40	4.91	75.40	5.29	80.30	5.67	85.50	6.07	91.00	6.62
	14	31.00	2.13	49.70	3.43	70.40	4.98	75.40	5.36	80.30	5.76	85.50	6.19	91.00	6.77
	16	31.00	2.13	49.70	3.48	70.40	5.11	75.40	5.51	80.30	5.94	85.50	6.42	91.00	7.09
	18	31.00	2.16	49.70	3.58	70.40	5.36	75.40	5.84	80.30	6.34	85.50	6.92	91.00	7.78
	20	31.00	2.23	49.70	3.80	70.40	6.04	75.40	6.68	80.30	7.37	85.50	8.15	91.00	9.51
	21	35.10	2.80	53.60	4.82	74.10	8.18	79.00	8.64	84.00	9.14	88.90	9.67	93.90	10.50
	23	43.20	6.30	61.60	7.88	81.90	10.12	86.60	10.71	91.30	11.35	95.40	11.93	100.1	12.90
	25	51.70	7.83	69.70	9.82	89.90	12.73	94.10	13.45	98.80	14.22	102.2	14.86	106.3	15.99
	27	60.30	9.94	78.00	12.42	98.00	16.16	102.2	17.04	106.4	17.91	109.2	18.49	118.8	21.10
	29	69.20	12.80	86.30	15.73	106.3	19.95	110.2	20.86	114.4	21.85	121.2	23.60	140.4	29.77
	31	78.30	16.11	95.20	19.50	114.9	24.56	118.5	25.58	128.7	28.61	143.5	33.36	162.2	41.38
	33	87.60	20.24	104.0	24.20	123.5	30.24	136.0	34.53	151.3	40.42	165.6	46.45	183.8	56.10
	35	97.20	25.45	113.4	30.06	145.1	42.34	158.6	48.63	174.0	55.79	187.7	62.35	205.6	70.99
	37	97.20	27.17	113.4	32.08	145.1	45.21	158.6	51.84	174.0	59.64	187.7	66.23	191.7	69.36
	39	97.20	28.98	113.4	34.22	145.1	48.31	158.6	55.35	174.0	63.89	179.9	66.87	177.8	67.35
	41	97.20	30.93	113.4	36.52	145.1	51.69	158.6	59.22	166.4	63.75	166.4	63.77	164.4	64.51
	43	97.20	33.01	113.4	38.98	145.1	55.37	153.5	60.21	153.3	60.18	153.3	60.18	151.6	60.98
	46	97.20	36.38	113.4	42.99	135.0	55.10	135.0	55.09	134.8	55.04	135.0	55.09	133.2	55.76
	48	97.20	38.84	113.4	45.93	123.3	51.65	123.5	51.76	123.3	51.64	123.1	51.59	121.7	52.28
	50	97.20	41.45	112.4	48.51	112.1	48.47	112.1	48.54	112.1	48.48	111.9	48.44	110.4	48.92
	52	96.00	43.44	97.40	40.69	98.90	38.57	99.20	38.16	99.70	37.69	100.0	37.29	100.2	37.52
120	10	28.60	1.97	45.80	3.14	65.00	4.49	69.40	4.81	74.10	5.15	79.00	5.51	84.00	5.94
	12	28.60	1.97	45.80	3.14	65.00	4.51	69.40	4.85	74.10	5.18	79.00	5.56	84.00	6.01
	14	28.60	1.97	45.80	3.16	65.00	4.56	69.40	4.90	74.10	5.28	79.00	5.66	84.00	6.14
	16	28.60	1.97	45.80	3.19	65.00	4.66	69.40	5.03	74.10	5.41	79.00	5.83	84.00	6.39
	18	28.60	2.00	45.80	3.26	65.00	4.86	69.40	5.28	74.10	5.73	79.00	6.21	84.00	6.94
	20	28.60	2.05	45.80	3.44	65.00	5.39	69.40	5.94	74.10	6.52	79.00	7.18	84.00	8.40
	21	32.30	2.51	49.40	4.28	68.40	7.20	73.00	8.04	77.50	8.50	81.90	8.93	86.80	9.65
	23	40.00	6.01	56.70	7.41	75.70	9.37	79.80	9.86	84.20	10.41	88.10	10.92	92.30	11.75
	25	47.80	7.40	64.20	9.15	82.90	11.66	87.10	12.27	91.20	12.94	94.40	13.47	98.00	14.46
	27	55.70	9.29	72.00	11.46	90.50	14.66	94.40	15.41	98.30	16.21	100.9	16.77	109.7	19.06
	29	63.90	11.84	79.80	14.47	98.00	18.13	101.7	18.91	105.5	19.77	112.0	21.29	129.7	26.57
	31	72.30	14.88	87.90	17.82	106.1	22.18	109.4	23.07	118.8	25.67	132.4	29.74	149.8	36.59
	33	80.90	18.52	96.20	21.97	114.1	27.19	125.6	30.89	139.9	35.90	152.9	41.00	169.8	49.61
	35	89.70	23.15	104.5	27.14	133.9	37.69	146.4	43.01	160.7	49.47	173.2	55.40	189.8	64.44
	37	89.70	24.71	104.5	28.96	133.9	40.23	146.4	45.94	160.7	52.78	173.2	59.18	189.8	68.51
	39	89.70	26.36	104.5	30.91	133.9	42.94	146.4	49.09	160.7	56.36	173.2	63.41	177.8	67.36
	41	89.70	28.13	104.5	32.99	133.9	45.87	146.4	52.53	160.7	60.30	166.4	63.73	164.4	64.50
	43	89.70	30.02	104.5	35.20	133.9	49.03	146.4	56.21	153.5	60.19	153.5	60.19	151.6	60.90
	46	89.70	33.12	104.5	38.79	133.9	54.33	135.0	55.10	134.8	55.05	134.8	55.07	133.2	55.82
	48	89.70	35.33	104.5	41.41	123.4	51.73	123.3	51.70	123.3	51.67	123.1	51.56	121.7	52.31
	50	89.70	37.70	104.5	44.22	112.2	48.50	112.2	48.54	112.3	48.56	112.1	48.45	110.8	49.06
	52	89.70	40.25	96.80	41.58	98.40	39.44	98.70	39.01	98.90	38.57	99.20	38.25	99.40	38.56
110	10	26.30	1.79	42.10	2.87	59.50	4.09	63.70	4.38	67.90	4.70	72.30	5.02	77.00	5.40
	12	26.30	1.79	42.10	2.87	59.50	4.12	63.70	4.43	67.90	4.72	72.30	5.05	77.00	5.47
	14	26.30	1.79	42.10	2.90	59.50	4.16	63.70	4.46	67.90	4.80	72.30	5.12	77.00	5.55
	16	26.30	1.81	42.10	2.92	59.50	4.24	63.70	4.56	67.90	4.90	72.30	5.27	77.00	5.75
	18	26.30	1.81	42.10	2.97	59.50	4.39	63.70	4.76	67.90	5.15	72.30	5.55	77.00	6.17

23. ARUM520LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	26.30	1.84	42.10	3.10	59.50	4.79	63.70	5.26	67.90	5.75	72.30	6.30	77.00	7.27
	21	29.60	2.25	45.30	3.78	62.70	6.20	66.80	6.91	71.00	7.69	75.10	8.26	79.50	8.87
	23	36.60	5.74	52.00	6.98	69.40	8.68	73.30	9.10	77.20	9.56	80.80	9.97	84.70	10.70
	25	43.70	6.98	59.00	8.51	75.90	10.67	79.80	11.18	83.50	11.74	86.60	12.19	90.00	13.04
	27	51.00	8.65	66.00	10.55	82.90	13.28	86.30	13.91	90.00	14.58	92.50	15.06	100.6	17.12
	29	58.50	10.92	73.10	13.23	90.00	16.44	93.30	17.11	96.70	17.84	102.7	19.12	118.8	23.62
	31	66.30	13.70	80.60	16.22	97.20	19.99	100.3	20.73	108.9	22.96	121.4	26.41	137.3	32.18
	33	74.10	16.92	88.10	19.86	104.5	24.35	115.2	27.49	128.2	31.75	140.1	36.03	155.5	43.41
	35	82.20	20.99	95.90	24.41	122.7	33.40	134.2	37.88	147.2	43.34	158.8	48.63	173.9	57.38
	37	82.20	22.38	95.90	26.04	122.7	35.65	134.2	40.42	147.2	46.29	158.8	51.87	173.9	61.38
	39	82.20	23.88	95.90	27.80	122.7	38.03	134.2	43.16	147.2	49.47	158.8	55.38	173.9	65.50
	41	82.20	25.51	95.90	29.67	122.7	40.60	134.2	46.09	147.2	52.94	158.8	59.24	164.5	64.51
	43	82.20	27.22	95.90	31.67	122.7	43.33	134.2	49.30	147.2	56.62	153.5	60.20	151.6	60.91
	46	82.20	30.02	95.90	34.90	122.7	47.87	134.2	54.63	135.0	55.14	135.0	55.07	133.2	55.79
	48	82.20	32.04	95.90	37.25	122.7	51.22	123.3	51.62	123.3	51.68	123.3	51.62	121.7	52.26
	50	82.20	34.19	95.90	39.73	112.4	48.54	112.4	48.54	112.1	48.49	112.2	48.47	110.8	49.08
	52	82.20	36.50	95.90	42.38	97.60	40.48	97.90	40.08	98.20	39.62	97.80	39.19	98.90	39.20
100	10	23.90	1.63	38.20	2.61	54.10	3.72	58.00	3.98	61.90	4.25	65.80	4.54	69.90	4.89
	12	23.90	1.63	38.20	2.61	54.10	3.72	58.00	4.01	61.90	4.28	65.80	4.57	69.90	4.93
	14	23.90	1.63	38.20	2.61	54.10	3.77	58.00	4.04	61.90	4.32	65.80	4.62	69.90	4.99
	16	23.90	1.63	38.20	2.63	54.10	3.82	58.00	4.11	61.90	4.40	65.80	4.72	69.90	5.14
	18	23.90	1.65	38.20	2.68	54.10	3.92	58.00	4.26	61.90	4.58	65.80	4.94	69.90	5.44
	20	23.90	1.68	38.20	2.78	54.10	4.24	58.00	4.63	61.90	5.03	65.80	5.49	69.90	6.27
	21	27.00	2.01	41.30	3.32	57.20	5.32	60.80	5.89	64.50	6.51	68.40	7.17	72.30	8.17
	23	33.30	5.45	47.30	6.54	62.90	8.02	66.60	8.38	70.20	8.76	73.30	9.13	77.00	9.72
	25	39.80	6.56	53.60	7.91	69.20	9.74	72.50	10.19	75.90	10.65	78.80	11.02	81.70	11.74
	27	46.30	8.04	60.00	9.68	75.40	12.00	78.50	12.53	81.90	13.11	84.00	13.49	91.30	15.20
	29	53.30	10.05	66.50	12.03	81.70	14.84	84.80	15.40	87.90	16.04	93.30	17.11	108.1	20.89
	31	60.30	12.56	73.30	14.72	88.40	17.93	91.00	18.54	99.00	20.44	110.3	23.33	124.8	28.18
	33	67.30	15.39	80.10	17.91	95.10	21.70	104.5	24.35	116.5	27.92	127.4	31.50	141.4	37.62
	35	74.90	18.93	87.10	21.84	111.5	29.44	122.0	33.19	133.9	37.70	144.3	42.07	158.1	49.72
	37	74.90	20.19	87.10	23.32	111.5	31.42	122.0	35.41	133.9	40.24	144.3	44.92	158.1	53.04
	39	74.90	21.56	87.10	24.87	111.5	33.53	122.0	37.79	133.9	42.95	144.3	47.99	158.1	56.65
	41	74.90	23.00	87.10	26.55	111.5	35.77	122.0	40.33	133.9	45.88	144.3	51.34	158.1	60.63
	43	74.90	24.57	87.10	28.36	111.5	38.17	122.0	43.06	133.9	49.05	144.3	54.98	151.8	61.02
	46	74.90	27.11	87.10	31.27	111.5	42.09	122.0	47.54	133.9	54.35	135.0	55.15	133.2	55.74
	48	74.90	28.94	87.10	33.37	111.5	44.96	122.0	50.86	123.3	51.67	123.1	51.59	121.7	52.26
	50	74.90	30.91	87.10	35.60	111.5	48.03	112.4	48.53	112.2	48.50	112.4	48.58	110.6	49.00
	52	74.90	33.00	87.10	37.99	96.60	41.68	97.30	41.02	97.70	40.32	98.20	39.69	98.40	39.69
90	10	21.60	1.47	34.30	2.34	48.60	3.33	52.20	3.58	55.60	3.82	59.30	4.07	62.90	4.38
	12	21.60	1.47	34.30	2.34	48.60	3.35	52.20	3.59	55.60	3.83	59.30	4.09	62.90	4.41
	14	21.60	1.47	34.30	2.35	48.60	3.37	52.20	3.61	55.60	3.87	59.30	4.14	62.90	4.46
	16	21.60	1.47	34.30	2.37	48.60	3.40	52.20	3.66	55.60	3.93	59.30	4.21	62.90	4.56
	18	21.60	1.47	34.30	2.39	48.60	3.50	52.20	3.76	55.60	4.05	59.30	4.36	62.90	4.78
	20	21.60	1.50	34.30	2.47	48.60	3.70	52.20	4.04	55.60	4.38	59.30	4.76	62.90	5.38
	21	24.20	1.76	37.20	2.88	51.50	4.51	54.60	4.98	58.00	5.47	61.40	5.99	65.00	7.22
	23	29.90	5.19	42.60	6.14	56.70	7.41	59.80	7.72	63.20	8.04	66.00	8.33	69.20	8.86
	25	35.90	6.16	48.10	7.32	62.20	8.89	65.30	9.26	68.40	9.66	70.70	9.97	73.60	10.56
	27	41.80	7.46	53.80	8.86	67.90	10.82	70.70	11.27	73.60	11.73	75.70	12.05	82.20	13.48
	29	47.90	9.21	59.80	10.90	73.60	13.34	76.20	13.84	79.10	14.36	84.00	15.27	97.30	18.40
	31	54.10	11.46	65.80	13.33	79.50	16.00	81.90	16.54	89.20	18.09	99.30	20.50	112.3	24.51

23. ARUM520LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	60.60	13.98	72.00	16.07	85.50	19.24	94.10	21.46	104.8	24.41	114.7	27.35	127.4	32.36
	35	67.30	17.03	78.50	19.46	100.4	25.78	110.0	28.88	120.4	32.60	130.0	36.14	142.2	42.45
	37	67.30	18.14	78.50	20.75	100.4	27.51	110.0	30.83	120.4	34.77	130.0	38.57	142.2	45.32
	39	67.30	19.35	78.50	22.15	100.4	29.36	110.0	32.89	120.4	37.11	130.0	41.17	142.2	48.42
	41	67.30	20.66	78.50	23.64	100.4	31.33	110.0	35.10	120.4	39.60	130.0	43.96	142.2	51.80
	43	67.30	22.07	78.50	25.26	100.4	33.44	110.0	37.45	120.4	42.28	130.0	46.97	142.2	55.45
	46	67.30	24.37	78.50	27.86	100.4	36.86	110.0	41.29	120.4	46.68	130.0	51.96	133.4	55.82
	48	67.30	26.04	78.50	29.74	100.4	39.34	110.0	44.10	120.4	49.92	123.3	51.68	122.0	52.36
	50	67.30	27.81	78.50	31.76	100.4	41.99	110.0	47.11	112.2	48.49	112.2	48.54	110.8	49.11
	52	67.30	29.69	78.50	33.90	96.30	42.34	96.80	41.66	97.40	40.95	97.70	40.29	98.10	40.32
80	10	19.00	1.31	30.70	2.08	43.40	2.95	46.30	3.17	49.40	3.38	52.50	3.61	55.90	3.88
	12	19.00	1.31	30.70	2.08	43.40	2.96	46.30	3.19	49.40	3.40	52.50	3.62	55.90	3.90
	14	19.00	1.31	30.70	2.08	43.40	2.98	46.30	3.19	49.40	3.43	52.50	3.64	55.90	3.93
	16	19.00	1.31	30.70	2.08	43.40	3.00	46.30	3.24	49.40	3.45	52.50	3.69	55.90	4.00
	18	19.00	1.31	30.70	2.11	43.40	3.06	46.30	3.29	49.40	3.55	52.50	3.81	55.90	4.15
	20	19.00	1.31	30.70	2.16	43.40	3.21	46.30	3.49	49.40	3.78	52.50	4.09	55.90	4.58
	21	21.60	1.55	33.00	2.49	45.70	3.81	48.60	4.17	51.70	4.56	54.60	4.96	57.70	5.88
	23	26.50	4.92	37.90	5.74	50.40	6.82	53.30	7.09	56.20	7.35	58.80	7.59	61.60	8.04
	25	31.70	5.77	42.90	6.77	55.40	8.09	58.00	8.41	60.80	8.73	62.90	8.99	65.50	9.47
	27	37.20	6.90	47.90	8.09	60.30	9.73	62.90	10.10	65.50	10.48	67.30	10.74	73.10	11.91
	29	42.60	8.41	53.30	9.84	65.50	11.85	67.80	12.27	70.40	12.73	74.60	13.53	86.60	16.12
	31	48.10	10.37	58.50	11.98	70.70	14.24	72.80	14.67	79.30	15.95	88.40	17.90	99.80	21.16
	33	53.80	12.58	64.00	14.36	76.20	16.97	83.70	18.79	93.10	21.19	101.9	23.58	113.1	27.62
	35	59.80	15.24	69.70	17.25	89.20	22.43	97.70	24.95	107.1	27.94	115.4	30.80	126.4	35.84
	37	59.80	16.22	69.70	18.38	89.20	23.93	97.70	26.63	107.1	29.82	115.4	32.86	126.4	38.23
	39	59.80	17.29	69.70	19.61	89.20	25.54	97.70	28.42	107.1	31.82	115.4	35.08	126.4	40.82
	41	59.80	18.47	69.70	20.95	89.20	27.27	97.70	30.32	107.1	33.95	115.4	37.43	126.4	43.58
	43	59.80	19.72	69.70	22.36	89.20	29.11	97.70	32.36	107.1	36.24	115.4	39.95	126.4	46.55
	46	59.80	21.78	69.70	24.69	89.20	32.10	97.70	35.66	107.1	39.95	115.4	44.06	126.4	51.53
	48	59.80	23.27	69.70	26.38	89.20	34.25	97.70	38.06	107.1	42.65	115.4	47.09	122.0	52.35
	50	59.80	24.89	69.70	28.18	89.20	36.54	97.70	40.62	107.1	45.55	112.2	48.51	110.8	49.07
	52	59.80	26.60	69.70	30.09	89.20	38.99	96.30	42.51	96.80	41.77	97.10	41.09	97.60	41.12
70	10	16.70	1.14	26.80	1.81	37.90	2.58	40.60	2.77	43.20	2.95	46.00	3.14	48.90	3.38
	12	16.70	1.14	26.80	1.81	37.90	2.58	40.60	2.77	43.20	2.95	46.00	3.16	48.90	3.40
	14	16.70	1.15	26.80	1.81	37.90	2.61	40.60	2.79	43.20	2.98	46.00	3.17	48.90	3.43
	16	16.70	1.15	26.80	1.82	37.90	2.61	40.60	2.80	43.20	3.00	46.00	3.21	48.90	3.45
	18	16.70	1.15	26.80	1.84	37.90	2.66	40.60	2.85	43.20	3.05	46.00	3.27	48.90	3.57
	20	16.70	1.15	26.80	1.87	37.90	2.76	40.60	2.97	43.20	3.20	46.00	3.46	48.90	3.83
	21	19.00	1.33	28.90	2.12	40.00	3.17	42.60	3.45	45.20	3.76	47.80	4.07	50.70	4.72
	23	23.40	4.41	33.00	5.37	44.20	6.27	46.60	6.48	49.10	6.72	51.50	6.91	53.80	7.27
	25	27.80	5.40	37.40	6.22	48.40	7.33	50.70	7.59	53.30	7.86	55.10	8.07	57.20	8.49
	27	32.50	6.35	41.90	7.35	52.80	8.70	54.90	9.02	57.20	9.33	58.80	9.52	64.00	10.48
	29	37.20	7.62	46.50	8.81	57.20	10.48	59.30	10.82	61.60	11.19	65.30	11.82	75.70	14.03
	31	42.10	9.31	51.20	10.71	61.90	12.59	63.70	12.95	69.40	13.97	77.20	15.54	87.40	18.14
	33	47.10	11.22	56.10	12.74	66.60	14.89	73.30	16.33	81.60	18.26	89.20	20.13	99.00	23.36
	35	52.30	13.53	61.10	15.19	78.00	19.36	85.50	21.36	93.60	23.74	101.1	25.99	110.7	29.95
	37	52.30	14.39	61.10	16.16	78.00	20.65	85.50	22.79	93.60	25.35	101.1	27.73	110.7	31.96
	39	52.30	15.33	61.10	17.24	78.00	22.04	85.50	24.33	93.60	27.03	101.1	29.60	110.7	34.10
	41	52.30	16.37	61.10	18.41	78.00	23.53	85.50	25.96	93.60	28.87	101.1	31.60	110.7	36.39
	43	52.30	17.51	61.10	19.67	78.00	25.11	85.50	27.72	93.60	30.81	101.1	33.71	110.7	38.85
	46	52.30	19.34	61.10	21.73	78.00	27.72	85.50	30.58	93.60	33.95	101.1	37.16	110.7	42.85

23. ARUM520LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	52.30	20.69	61.10	23.22	78.00	29.58	85.50	32.62	93.60	36.23	101.1	39.66	110.7	45.78
	50	52.30	22.12	61.10	24.83	78.00	31.59	85.50	34.83	93.60	38.66	101.1	42.33	110.5	48.87
	52	52.30	23.68	61.10	26.53	78.00	33.72	85.50	37.16	93.60	41.27	96.60	42.19	96.80	42.19
60	10	14.30	0.98	22.90	1.55	32.50	2.21	34.80	2.37	37.20	2.53	39.50	2.69	41.90	2.90
	12	14.30	0.98	22.90	1.55	32.50	2.21	34.80	2.37	37.20	2.53	39.50	2.69	41.90	2.90
	14	14.30	0.96	22.90	1.55	32.50	2.21	34.80	2.37	37.20	2.53	39.50	2.71	41.90	2.90
	16	14.30	0.97	22.90	1.55	32.50	2.24	34.80	2.39	37.20	2.55	39.50	2.72	41.90	2.93
	18	14.30	0.97	22.90	1.57	32.50	2.24	34.80	2.42	37.20	2.58	39.50	2.77	41.90	3.00
	20	14.30	0.97	22.90	1.58	32.50	2.31	34.80	2.50	37.20	2.68	39.50	2.89	41.90	3.17
	21	16.10	1.12	24.70	1.76	34.30	2.60	36.40	2.83	38.70	3.06	41.10	3.29	43.40	3.73
	23	20.00	3.11	28.40	4.65	37.70	5.74	40.00	5.92	42.10	6.09	44.00	6.27	46.30	6.56
	25	24.70	5.13	32.20	5.71	41.60	6.61	43.40	6.82	45.50	7.04	47.30	7.22	49.10	7.54
	27	27.80	5.84	35.90	6.64	45.20	7.75	47.10	7.99	49.10	8.25	50.40	8.41	54.90	9.18
	29	32.00	6.90	39.80	7.86	49.10	9.20	50.90	9.47	52.80	9.76	55.90	10.29	64.80	12.03
	31	36.10	8.28	43.90	9.42	53.00	11.01	54.60	11.30	59.30	12.14	66.30	13.38	74.90	15.41
	33	40.30	9.92	48.10	11.16	57.00	12.93	62.70	14.11	69.90	15.58	76.40	17.05	84.80	19.54
	35	45.00	11.83	52.30	13.22	66.80	16.55	73.30	18.10	80.30	19.95	86.60	21.68	94.90	24.73
	37	45.00	12.56	52.30	14.05	66.80	17.63	73.30	19.31	80.30	21.29	86.60	23.13	94.90	26.39
	39	45.00	13.36	52.30	14.97	66.80	18.81	73.30	20.60	80.30	22.71	86.60	24.68	94.90	28.16
	41	45.00	14.23	52.30	15.99	66.80	20.09	73.30	22.01	80.30	24.25	86.60	26.36	94.90	30.05
	43	45.00	15.18	52.30	17.10	66.80	21.46	73.30	23.51	80.30	25.90	86.60	28.14	94.90	32.07
	46	45.00	16.79	52.30	18.94	66.80	23.70	73.30	25.94	80.30	28.57	86.60	31.03	94.90	35.34
	48	45.00	18.01	52.30	20.27	66.80	25.32	73.30	27.71	80.30	30.49	86.60	33.11	94.90	37.71
	50	45.00	19.32	52.30	21.70	66.80	27.06	73.30	29.59	80.30	32.55	86.60	35.34	94.90	40.27
	52	45.00	20.78	52.30	23.20	66.80	28.91	73.30	31.58	80.30	34.73	86.60	37.70	94.90	42.99
50	10	12.00	0.90	19.20	1.30	27.00	1.84	28.90	1.97	30.90	2.10	33.00	2.24	35.10	2.40
	12	12.00	0.90	19.20	1.30	27.00	1.84	28.90	1.97	30.90	2.10	33.00	2.24	35.10	2.40
	14	12.00	0.90	19.20	1.30	27.00	1.84	28.90	1.97	30.90	2.11	33.00	2.24	35.10	2.42
	16	12.00	0.90	19.20	1.29	27.00	1.84	28.90	1.97	30.90	2.11	33.00	2.26	35.10	2.42
	18	12.00	0.91	19.20	1.31	27.00	1.86	28.90	2.00	30.90	2.13	33.00	2.29	35.10	2.47
	20	12.00	0.91	19.20	1.31	27.00	1.89	28.90	2.03	30.90	2.18	33.00	2.34	35.10	2.55
	21	13.50	0.92	20.60	1.44	28.60	2.09	30.40	2.25	32.20	2.41	34.10	2.59	36.10	2.90
	23	16.60	2.11	23.70	3.14	31.50	5.24	33.30	5.37	35.10	5.53	36.70	5.66	38.50	5.88
	25	23.20	5.11	26.80	5.24	34.60	5.95	36.20	6.11	38.00	6.27	39.30	6.40	40.80	6.67
	27	23.60	5.40	29.90	5.98	37.70	6.85	39.30	7.04	40.80	7.22	42.10	7.36	45.70	7.96
	29	26.50	6.19	33.30	6.96	40.80	7.99	42.40	8.22	43.90	8.44	46.60	8.84	54.10	10.18
	31	30.10	7.30	36.60	8.20	44.20	9.47	45.50	9.71	49.40	10.40	55.10	11.40	62.40	12.98
	33	33.80	8.67	40.00	9.66	47.60	11.06	52.30	11.98	58.20	13.16	63.70	14.28	70.70	16.14
	35	37.40	10.21	43.70	11.32	55.70	14.00	61.10	15.19	66.80	16.55	72.30	17.84	79.00	20.08
	37	37.40	10.79	43.70	11.99	55.70	14.91	61.10	16.17	66.80	17.65	72.30	19.02	79.00	21.43
	39	37.40	11.43	43.70	12.73	55.70	15.90	61.10	17.24	66.80	18.83	72.30	20.30	79.00	22.87
	41	37.40	12.14	43.70	13.57	55.70	16.95	61.10	18.41	66.80	20.10	72.30	21.67	79.00	24.42
	43	37.40	12.91	43.70	14.47	55.70	18.12	61.10	19.67	66.80	21.46	72.30	23.14	79.00	26.07
	46	37.40	14.24	43.70	16.01	55.70	20.03	61.10	21.73	66.80	23.70	72.30	25.54	79.00	28.76
	48	37.40	15.24	43.70	17.15	55.70	21.41	61.10	23.22	66.80	25.34	72.30	27.29	79.00	30.70
	50	37.40	16.32	43.70	18.40	55.70	22.92	61.10	24.83	66.80	27.07	72.30	29.14	79.00	32.77
	52	37.40	17.52	43.70	19.76	55.70	24.50	61.10	26.55	66.80	28.92	72.30	31.13	79.00	34.98

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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23.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	97.70	45.00	97.00	45.39	96.20	45.77	95.90	45.95	95.60	46.15	94.90	46.52
	-24.8	-25	113.6	47.31	112.8	47.75	112.1	48.16	111.6	48.37	111.3	48.60	110.5	49.01
	-21.8	-22	123.5	48.65	122.7	49.11	121.9	49.55	121.4	49.78	121.1	49.99	120.1	50.42
	-19.8	-20	130.6	49.55	129.7	50.01	128.7	50.48	128.2	50.71	127.9	50.94	127.1	51.40
	-18.8	-19	134.2	49.99	133.2	50.47	132.4	50.96	131.9	51.19	131.3	51.42	130.5	51.86
	-16.7	-17	141.5	50.91	140.7	51.40	139.7	51.89	139.2	52.14	138.8	52.37	137.8	52.84
	-15	-15.9	146.2	51.43	145.1	51.94	144.1	52.45	143.6	52.68	143.1	52.94	142.2	53.40
	-13.7	-15	149.9	51.89	148.8	52.41	148.0	52.92	147.5	53.18	147.0	53.43	146.2	53.92
	-11.8	-13	157.7	52.79	156.6	53.32	155.6	53.84	155.0	54.10	154.5	54.35	153.5	54.86
	-9.8	-11	166.2	53.73	164.9	54.27	163.9	54.81	163.4	55.07	162.8	55.33	161.8	55.84
	-9.5	-10	170.2	54.17	169.1	54.71	168.0	55.27	167.5	55.53	166.8	55.81	165.7	56.33
	-8.5	-9.1	174.3	54.61	173.0	55.17	171.9	55.71	171.4	55.99	170.9	56.25	169.6	56.79
	-7	-7.6	181.1	55.33	180.0	55.91	178.7	56.48	178.2	56.74	177.4	57.02	176.3	57.56
	-5	-5.6	190.7	56.33	189.4	56.92	188.1	57.48	187.5	57.77	186.8	58.05	185.5	58.61
	-3	-3.7	200.1	57.28	198.8	57.89	197.4	58.48	196.7	58.77	196.1	59.07	186.4	55.79
	0	-0.7	215.7	58.84	214.1	59.46	212.7	60.06	206.2	57.87	199.7	55.62	186.4	51.20
	3	2.2	231.3	60.35	226.2	59.53	212.9	55.29	206.2	53.22	199.7	51.16	186.4	47.15
	5	4.1	239.5	60.41	226.2	56.33	212.9	52.35	206.2	50.41	199.7	48.48	186.4	44.70
	7	6	239.5	57.13	226.2	53.29	212.9	49.56	206.2	47.73	199.7	45.90	186.4	42.35
	9	7.9	239.5	53.90	226.2	50.30	212.9	46.77	206.2	45.05	199.7	43.35	186.4	40.01
	11	9.8	239.5	50.78	226.2	47.41	212.9	44.12	206.2	42.50	199.7	40.93	186.4	37.80
	13	11.8	239.5	47.64	226.2	44.51	212.9	41.47	206.2	39.96	199.7	38.49	186.4	35.58
	15	13.7	239.5	44.81	226.2	41.91	212.9	39.05	206.2	37.66	199.7	36.28	186.4	33.58
120	-30	-30.2	97.20	45.21	96.50	45.59	95.90	45.98	95.60	46.16	95.10	46.34	94.60	46.72
	-24.8	-25	113.1	47.60	112.3	48.01	111.5	48.44	111.0	48.65	110.8	48.85	110.0	49.26
	-21.8	-22	123.0	48.98	122.2	49.42	121.2	49.86	120.9	50.09	120.4	50.30	119.6	50.73
	-19.8	-20	129.8	49.91	129.0	50.37	128.2	50.83	127.7	51.06	127.2	51.27	126.4	51.73
	-18.8	-19	133.4	50.37	132.6	50.84	131.6	51.32	131.1	51.55	130.8	51.76	129.8	52.22
	-16.7	-17	140.7	51.32	139.9	51.81	138.9	52.30	138.4	52.53	138.1	52.76	137.1	53.22
	-15	-15.9	145.1	51.86	144.3	52.37	143.3	52.86	142.8	53.10	142.3	53.35	141.4	53.81
	-13.7	-15	149.1	52.35	148.0	52.87	147.2	53.36	146.7	53.61	146.2	53.85	145.4	54.33
	-11.8	-13	156.8	53.28	155.8	53.81	154.7	54.32	154.2	54.56	153.7	54.81	152.7	55.30
	-9.8	-11	165.2	54.27	163.9	54.81	162.8	55.33	162.3	55.59	161.8	55.84	160.7	56.35
	-9.5	-10	169.1	54.74	168.0	55.28	166.7	55.81	166.2	56.07	165.7	56.33	164.6	56.84
	-8.5	-9.1	173.0	55.20	171.9	55.74	170.7	56.28	170.1	56.54	169.6	56.81	168.5	57.33
	-7	-7.6	179.8	55.97	178.7	56.51	177.4	57.07	176.9	57.33	176.3	57.61	171.9	56.63
	-5	-5.6	189.1	57.00	187.8	57.58	186.5	58.15	186.0	58.41	184.3	58.17	171.9	53.53
	-3	-3.7	198.5	58.02	197.2	58.61	195.8	59.18	190.3	57.28	184.3	55.07	171.9	50.71
	0	-0.7	213.6	59.66	208.8	58.74	196.6	54.59	190.3	52.54	184.3	50.53	171.9	46.59
	3	2.2	221.0	57.89	208.8	54.02	196.6	50.23	190.3	48.38	184.3	46.55	171.9	42.95
	5	4.1	221.0	54.79	208.8	51.16	196.6	47.61	190.3	45.86	184.3	44.13	171.9	40.76
	7	6	221.0	51.85	208.8	48.42	196.6	45.08	190.3	43.43	184.3	41.81	171.9	38.62
	9	7.9	221.0	48.93	208.8	45.72	196.6	42.58	190.3	41.04	184.3	39.52	171.9	36.51
	11	9.8	221.0	46.13	208.8	43.12	196.6	40.19	190.3	38.75	184.3	37.33	171.9	34.53
	13	11.8	221.0	43.34	208.8	40.54	196.6	37.82	190.3	36.46	184.3	35.14	171.9	32.53

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	221.0	40.80	208.8	38.20	196.6	35.66	190.3	34.40	184.3	33.16	171.9	30.72
110	-30	-30.2	96.70	45.46	96.20	45.85	95.40	46.21	95.10	46.41	94.80	46.59	94.10	46.95
	-24.8	-25	112.6	47.93	111.8	48.34	111.0	48.75	110.5	48.96	110.2	49.16	109.4	49.55
	-21.8	-22	122.2	49.37	121.4	49.80	120.6	50.24	120.1	50.45	119.8	50.65	119.1	51.09
	-19.8	-20	129.0	50.32	128.2	50.78	127.4	51.22	126.9	51.45	126.6	51.68	125.6	52.09
	-18.8	-19	132.6	50.81	131.6	51.27	130.8	51.73	130.3	51.96	130.0	52.17	129.2	52.63
	-16.7	-17	139.9	51.81	138.9	52.27	138.1	52.76	137.6	52.99	137.1	53.22	136.2	53.66
	-15	-15.9	144.1	52.38	143.3	52.86	142.3	53.35	141.8	53.58	141.4	53.81	140.4	54.27
	-13.7	-15	148.0	52.87	147.0	53.38	146.2	53.87	145.7	54.13	145.2	54.36	144.4	54.82
	-11.8	-13	155.6	53.86	154.5	54.38	153.5	54.87	152.9	55.12	152.6	55.35	151.6	55.84
	-9.8	-11	163.8	54.89	162.6	55.43	161.5	55.94	161.0	56.18	160.5	56.43	157.6	55.95
	-9.5	-10	167.8	55.38	166.7	55.92	165.4	56.43	164.9	56.69	164.4	56.94	157.6	54.55
	-8.5	-9.1	171.7	55.87	170.4	56.41	169.3	56.92	168.8	57.20	168.3	57.44	157.6	53.21
	-7	-7.6	178.2	56.69	177.1	57.23	175.8	57.77	174.5	57.63	169.0	55.42	157.6	51.06
	-5	-5.6	187.3	57.79	186.2	58.35	180.2	56.60	174.5	54.48	169.0	52.39	157.6	48.30
	-3	-3.7	196.6	58.87	191.4	57.67	180.2	53.60	174.5	51.61	169.0	49.63	157.6	45.79
	0	-0.7	202.8	56.66	191.4	52.89	180.2	49.21	174.5	47.41	169.0	45.61	157.6	42.11
	3	2.2	202.8	52.11	191.4	48.69	180.2	45.34	174.5	43.70	169.0	42.07	157.6	38.88
	5	4.1	202.8	49.36	191.4	46.14	180.2	43.00	174.5	41.46	169.0	39.92	157.6	36.93
	7	6	202.8	46.75	191.4	43.71	180.2	40.73	174.5	39.27	169.0	37.83	157.6	35.00
	9	7.9	202.8	44.15	191.4	41.29	180.2	38.51	174.5	37.13	169.0	35.79	157.6	33.12
	11	9.8	202.8	41.65	191.4	39.00	180.2	36.38	174.5	35.10	169.0	33.84	157.6	31.35
	13	11.8	202.8	39.16	191.4	36.69	180.2	34.27	174.5	33.07	169.0	31.88	157.6	29.57
	15	13.7	202.8	36.92	191.4	34.61	180.2	32.34	174.5	31.22	169.0	30.11	157.6	27.95
100	-30	-30.2	96.20	45.77	95.60	46.13	94.90	46.51	94.60	46.69	94.30	46.87	93.60	47.23
	-24.8	-25	111.8	48.32	111.0	48.73	110.2	49.14	109.9	49.32	109.5	49.52	108.9	49.91
	-21.8	-22	121.4	49.81	120.6	50.24	119.8	50.66	119.3	50.88	119.1	51.09	118.3	51.50
	-19.8	-20	128.2	50.81	127.2	51.27	126.4	51.71	126.1	51.91	125.6	52.14	124.8	52.55
	-18.8	-19	131.6	51.32	130.8	51.78	129.8	52.22	129.5	52.45	129.0	52.66	128.2	53.09
	-16.7	-17	138.8	52.37	137.8	52.84	137.0	53.30	136.5	53.53	136.0	53.74	135.2	54.17
	-15	-15.9	143.0	52.97	142.0	53.45	141.2	53.92	140.7	54.15	140.2	54.38	139.4	54.81
	-13.7	-15	146.8	53.51	145.9	54.00	145.1	54.49	144.6	54.72	144.1	54.95	143.3	55.39
	-11.8	-13	154.2	54.53	153.2	55.02	152.2	55.51	151.6	55.76	151.3	55.99	143.3	52.76
	-9.8	-11	162.3	55.63	161.2	56.15	160.2	56.64	158.6	56.39	153.6	54.24	143.3	50.01
	-9.5	-10	166.2	56.15	164.9	56.66	163.8	57.10	158.6	54.96	153.6	52.87	143.3	48.77
	-8.5	-9.1	169.9	56.66	168.8	57.18	163.8	55.68	158.6	53.62	153.6	51.58	143.3	47.59
	-7	-7.6	176.4	57.53	174.0	57.43	163.8	53.43	158.6	51.45	153.6	49.51	143.3	45.68
	-5	-5.6	184.3	58.17	174.0	54.30	163.8	50.52	158.6	48.68	153.6	46.83	143.3	43.25
	-3	-3.7	184.3	55.07	174.0	51.43	163.8	47.88	158.6	46.13	153.6	44.41	143.3	41.03
	0	-0.7	184.3	50.53	174.0	47.23	163.8	44.01	158.6	42.42	153.6	40.87	143.3	37.78
	3	2.2	184.3	46.55	174.0	43.54	163.8	40.61	158.6	39.17	153.6	37.73	143.3	34.93
	5	4.1	184.3	44.13	174.0	41.31	163.8	38.55	158.6	37.19	153.6	35.85	143.3	33.20
	7	6	184.3	41.81	174.0	39.14	163.8	36.54	158.6	35.25	153.6	33.99	143.3	31.48
	9	7.9	184.3	39.52	174.0	37.02	163.8	34.58	158.6	33.37	153.6	32.17	143.3	29.83
	11	9.8	184.3	37.33	174.0	34.99	163.8	32.71	158.6	31.58	153.6	30.47	143.3	28.26
	13	11.8	184.3	35.14	174.0	32.96	163.8	30.83	158.6	29.78	153.6	28.73	143.3	26.69
	15	13.7	184.3	33.16	174.0	31.11	163.8	29.13	158.6	28.14	153.6	27.16	143.3	25.26

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	95.60	46.13	94.90	46.49	94.30	46.85	94.10	47.03	93.60	47.21	93.00	47.55
	-24.8	-25	111.0	48.78	110.2	49.19	109.4	49.57	109.2	49.78	108.7	49.96	107.9	50.34
	-21.8	-22	120.4	50.35	119.6	50.76	118.8	51.19	118.3	51.40	118.0	51.58	117.3	51.99
	-19.8	-20	126.9	51.40	126.1	51.84	125.3	52.27	125.0	52.48	124.5	52.68	123.7	53.09
	-18.8	-19	130.5	51.94	129.5	52.40	128.7	52.81	128.2	53.04	127.9	53.25	127.1	53.66
	-16.7	-17	137.5	53.04	136.5	53.50	135.7	53.94	135.2	54.17	134.7	54.38	129.0	51.97
	-15	-15.9	141.7	53.68	140.7	54.15	139.9	54.61	139.4	54.82	138.1	54.65	129.0	50.42
	-13.7	-15	145.4	54.26	144.6	54.74	143.6	55.21	142.8	55.20	138.1	53.08	129.0	48.93
	-11.8	-13	152.6	55.33	151.6	55.82	147.4	54.54	142.8	52.55	138.1	50.56	129.0	46.67
	-9.8	-11	160.4	56.51	156.5	55.53	147.4	51.69	142.8	49.81	138.1	47.93	129.0	44.27
	-9.5	-10	164.1	57.05	156.5	54.14	147.4	50.40	142.8	48.57	138.1	46.74	129.0	43.19
	-8.5	-9.1	165.9	56.51	156.5	52.80	147.4	49.18	142.8	47.38	138.1	45.63	129.0	42.15
	-7	-7.6	165.9	54.23	156.5	50.67	147.4	47.20	142.8	45.50	138.1	43.82	129.0	40.50
	-5	-5.6	165.9	51.26	156.5	47.94	147.4	44.67	142.8	43.07	138.1	41.50	129.0	38.36
	-3	-3.7	165.9	48.58	156.5	45.46	147.4	42.37	142.8	40.85	138.1	39.36	129.0	36.43
	0	-0.7	165.9	44.65	156.5	41.80	147.4	39.02	142.8	37.63	138.1	36.27	129.0	33.59
	3	2.2	165.9	41.20	156.5	38.60	147.4	36.06	142.8	34.80	138.1	33.56	129.0	31.12
	5	4.1	165.9	39.09	156.5	36.65	147.4	34.26	142.8	33.07	138.1	31.91	129.0	29.60
	7	6	165.9	37.05	156.5	34.74	147.4	32.48	142.8	31.37	138.1	30.27	129.0	28.09
	9	7.9	165.9	35.05	156.5	32.89	147.4	30.78	142.8	29.73	138.1	28.68	129.0	26.65
	11	9.8	165.9	33.17	156.5	31.14	147.4	29.14	142.8	28.16	138.1	27.18	129.0	25.26
	13	11.8	165.9	31.24	156.5	29.36	147.4	27.49	142.8	26.59	138.1	25.67	129.0	23.90
	15	13.7	165.9	29.52	156.5	27.75	147.4	26.01	142.8	25.16	138.1	24.31	129.0	22.64
80	-30	-30.2	94.90	46.57	94.10	46.93	93.60	47.28	93.30	47.44	93.00	47.62	92.30	47.95
	-24.8	-25	109.9	49.34	109.2	49.75	108.4	50.14	108.1	50.32	107.6	50.50	107.1	50.88
	-21.8	-22	119.1	51.01	118.3	51.42	117.5	51.81	117.2	52.01	116.8	52.22	114.7	51.69
	-19.8	-20	125.6	52.12	124.8	52.55	124.0	52.96	123.5	53.17	122.7	53.13	114.7	49.07
	-18.8	-19	129.0	52.71	128.2	53.12	127.4	53.55	126.9	53.76	122.7	51.78	114.7	47.83
	-16.7	-17	135.8	53.86	134.9	54.30	131.0	52.93	126.9	51.02	122.7	49.13	114.7	45.40
	-15	-15.9	139.9	54.55	139.1	54.99	131.0	51.35	126.9	49.49	122.7	47.66	114.7	44.04
	-13.7	-15	143.6	55.18	139.1	53.55	131.0	49.84	126.9	48.01	122.7	46.20	114.7	42.67
	-11.8	-13	147.4	54.54	139.1	51.00	131.0	47.52	126.9	45.81	122.7	44.13	114.7	40.76
	-9.8	-11	147.4	51.69	139.1	48.34	131.0	45.09	126.9	43.47	122.7	41.87	114.7	38.76
	-9.5	-10	147.4	50.40	139.1	47.15	131.0	43.98	126.9	42.41	122.7	40.86	114.7	37.82
	-8.5	-9.1	147.4	49.18	139.1	46.01	131.0	42.92	126.9	41.40	122.7	39.89	114.7	36.92
	-7	-7.6	147.4	47.20	139.1	44.18	131.0	41.22	126.9	39.78	122.7	38.33	114.7	35.48
	-5	-5.6	147.4	44.67	139.1	41.83	131.0	39.05	126.9	37.69	122.7	36.33	114.7	33.65
	-3	-3.7	147.4	42.37	139.1	39.69	131.0	37.07	126.9	35.78	122.7	34.52	114.7	32.00
	0	-0.7	147.4	39.02	139.1	36.58	131.0	34.18	126.9	33.02	122.7	31.85	114.7	29.56
	3	2.2	147.4	36.06	139.1	33.82	131.0	31.66	126.9	30.58	122.7	29.51	114.7	27.42
	5	4.1	147.4	34.26	139.1	32.17	131.0	30.11	126.9	29.09	122.7	28.09	114.7	26.11
	7	6	147.4	32.48	139.1	30.50	131.0	28.57	126.9	27.62	122.7	26.67	114.7	24.80
	9	7.9	147.4	30.78	139.1	28.91	131.0	27.11	126.9	26.21	122.7	25.31	114.7	23.56
	11	9.8	147.4	29.14	139.1	27.39	131.0	25.69	126.9	24.85	122.7	24.00	114.7	22.36
	13	11.8	147.4	27.49	139.1	25.87	131.0	24.28	126.9	23.49	122.7	22.72	114.7	21.18
	15	13.7	147.4	26.01	139.1	24.49	131.0	23.00	126.9	22.26	122.7	21.54	114.7	20.08
70	-30	-30.2	93.80	47.13	93.30	47.47	92.50	47.80	92.30	47.98	92.00	48.16	91.50	48.47

23. ARUM520LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	108.4	50.06	107.9	50.45	107.1	50.81	106.8	50.99	106.5	51.17	100.3	47.96
	-21.8	-22	117.5	51.83	116.7	52.22	114.7	51.69	111.0	49.83	107.4	48.00	100.3	44.41
	-19.8	-20	124.0	53.02	121.9	52.63	114.7	49.07	111.0	47.32	107.4	45.59	100.3	42.19
	-18.8	-19	127.1	53.63	121.9	51.26	114.7	47.83	111.0	46.13	107.4	44.45	100.3	41.13
	-16.7	-17	129.0	51.98	121.9	48.65	114.7	45.40	111.0	43.80	107.4	42.20	100.3	39.08
	-15	-15.9	129.0	50.42	121.9	47.20	114.7	44.04	111.0	42.47	107.4	40.90	100.3	37.84
	-13.7	-15	129.0	48.93	121.9	45.76	114.7	42.67	111.0	41.15	107.4	39.63	100.3	36.67
	-11.8	-13	129.0	46.67	121.9	43.69	114.7	40.76	111.0	39.29	107.4	37.87	100.3	35.04
	-9.8	-11	129.0	44.27	121.9	41.49	114.7	38.76	111.0	37.39	107.4	36.07	100.3	33.41
	-9.5	-10	129.0	43.19	121.9	40.48	114.7	37.82	111.0	36.51	107.4	35.20	100.3	32.65
	-8.5	-9.1	129.0	42.15	121.9	39.52	114.7	36.92	111.0	35.64	107.4	34.38	100.3	31.88
	-7	-7.6	129.0	40.50	121.9	37.98	114.7	35.48	111.0	34.27	107.4	33.06	100.3	30.67
	-5	-5.6	129.0	38.36	121.9	35.99	114.7	33.67	111.0	32.52	107.4	31.38	100.3	29.13
	-3	-3.7	129.0	36.43	121.9	34.19	114.7	32.00	111.0	30.92	107.4	29.84	100.3	27.71
	0	-0.7	129.0	33.59	121.9	31.56	114.7	29.56	111.0	28.58	107.4	27.60	100.3	25.65
	3	2.2	129.0	31.12	121.9	29.25	114.7	27.42	111.0	26.52	107.4	25.62	100.3	23.85
	5	4.1	129.0	29.60	121.9	27.83	114.7	26.11	111.0	25.24	107.4	24.39	100.3	22.72
	7	6	129.0	28.09	121.9	26.44	114.7	24.80	111.0	24.00	107.4	23.18	100.3	21.62
	9	7.9	129.0	26.65	121.9	25.08	114.7	23.56	111.0	22.80	107.4	22.05	100.3	20.56
	11	9.8	129.0	25.26	121.9	23.80	114.7	22.36	111.0	21.66	107.4	20.95	100.3	19.56
	13	11.8	129.0	23.90	121.9	22.51	114.7	21.18	111.0	20.51	107.4	19.85	100.3	18.54
	15	13.7	129.0	22.64	121.9	21.36	114.7	20.08	111.0	19.46	107.4	18.85	100.3	17.62
60	-30	-30.2	92.50	47.85	92.00	48.18	91.40	48.49	91.00	48.67	90.70	48.83	86.00	46.09
	-24.8	-25	106.8	50.98	104.5	50.18	98.30	46.85	95.20	45.22	92.10	43.59	86.00	40.37
	-21.8	-22	110.5	49.57	104.5	46.45	98.30	43.40	95.20	41.88	92.10	40.39	86.00	37.42
	-19.8	-20	110.5	47.08	104.5	44.14	98.30	41.23	95.20	39.81	92.10	38.39	86.00	35.59
	-18.8	-19	110.5	45.89	104.5	43.01	98.30	40.20	95.20	38.81	92.10	37.44	86.00	34.71
	-16.7	-17	110.5	43.57	104.5	40.86	98.30	38.18	95.20	36.87	92.10	35.58	86.00	33.00
	-15	-15.9	110.5	42.24	104.5	39.59	98.30	36.98	95.20	35.70	92.10	34.43	86.00	31.91
	-13.7	-15	110.5	40.94	104.5	38.37	98.30	35.85	95.20	34.61	92.10	33.38	86.00	30.96
	-11.8	-13	110.5	39.09	104.5	36.64	98.30	34.25	95.20	33.06	92.10	31.90	86.00	29.59
	-9.8	-11	110.5	37.21	104.5	34.93	98.30	32.65	95.20	31.52	92.10	30.41	86.00	28.22
	-9.5	-10	110.5	36.31	104.5	34.10	98.30	31.93	95.20	30.85	92.10	29.78	86.00	27.69
	-8.5	-9.1	110.5	35.46	104.5	33.30	98.30	31.19	95.20	30.13	92.10	29.10	86.00	27.05
	-7	-7.6	110.5	34.09	104.5	32.03	98.30	30.00	95.20	29.00	92.10	28.02	86.00	26.05
	-5	-5.6	110.5	32.34	104.5	30.41	98.30	28.51	95.20	27.56	92.10	26.63	86.00	24.78
	-3	-3.7	110.5	30.77	104.5	28.92	98.30	27.12	95.20	26.24	92.10	25.35	86.00	23.60
	0	-0.7	110.5	28.43	104.5	26.76	98.30	25.11	95.20	24.29	92.10	23.49	86.00	21.90
	3	2.2	110.5	26.39	104.5	24.85	98.30	23.34	95.20	22.60	92.10	21.87	86.00	20.41
	5	4.1	110.5	25.13	104.5	23.67	98.30	22.26	95.20	21.54	92.10	20.85	86.00	19.46
	7	6	110.5	23.88	104.5	22.51	98.30	21.18	95.20	20.51	92.10	19.85	86.00	18.54
	9	7.9	110.5	22.69	104.5	21.41	98.30	20.15	95.20	19.52	92.10	18.90	86.00	17.67
	11	9.8	110.5	21.56	104.5	20.36	98.30	19.16	95.20	18.57	92.10	18.00	86.00	16.85
	13	11.8	110.5	20.41	104.5	19.28	98.30	18.18	95.20	17.62	92.10	17.08	86.00	16.00
	15	13.7	110.5	19.38	104.5	18.31	98.30	17.28	95.20	16.77	92.10	16.26	86.00	15.24
50	-30	-30.2	90.70	48.80	87.10	46.71	81.90	43.67	79.30	42.17	76.70	40.67	71.70	37.73
	-24.8	-25	92.10	43.59	87.10	40.91	81.90	38.28	79.30	36.97	76.70	35.68	71.70	33.13

23. ARUM520LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	92.10	40.39	87.10	37.91	81.90	35.49	79.30	34.30	76.70	33.12	71.70	30.77
	-19.8	-20	92.10	38.39	87.10	36.05	81.90	33.76	79.30	32.63	76.70	31.51	71.70	29.28
	-18.8	-19	92.10	37.44	87.10	35.17	81.90	32.93	79.30	31.83	76.70	30.74	71.70	28.58
	-16.7	-17	92.10	35.58	87.10	33.44	81.90	31.33	79.30	30.28	76.70	29.25	71.70	27.21
	-15	-15.9	92.10	34.43	87.10	32.33	81.90	30.29	79.30	29.26	76.70	28.26	71.70	26.28
	-13.7	-15	92.10	33.38	87.10	31.34	81.90	29.36	79.30	28.38	76.70	27.41	71.70	25.48
	-11.8	-13	92.10	31.90	87.10	29.97	81.90	28.07	79.30	27.15	76.70	26.22	71.70	24.40
	-9.8	-11	92.10	30.41	87.10	28.58	81.90	26.79	79.30	25.91	76.70	25.01	71.70	23.29
	-9.5	-10	92.10	29.78	87.10	28.03	81.90	26.30	79.30	25.45	76.70	24.61	71.70	22.94
	-8.5	-9.1	92.10	29.10	87.10	27.40	81.90	25.71	79.30	24.89	76.70	24.06	71.70	22.42
	-7	-7.6	92.10	28.02	87.10	26.38	81.90	24.76	79.30	23.96	76.70	23.19	71.70	21.63
	-5	-5.6	92.10	26.63	87.10	25.09	81.90	23.55	79.30	22.81	76.70	22.06	71.70	20.60
	-3	-3.7	92.10	25.35	87.10	23.91	81.90	22.47	79.30	21.75	76.70	21.06	71.70	19.67
	0	-0.7	92.10	23.50	87.10	22.16	81.90	20.85	79.30	20.21	76.70	19.57	71.70	18.29
	3	2.2	92.10	21.87	87.10	20.65	81.90	19.44	79.30	18.85	76.70	18.26	71.70	17.10
	5	4.1	92.10	20.85	87.10	19.69	81.90	18.56	79.30	18.00	76.70	17.44	71.70	16.34
	7	6	92.10	19.85	87.10	18.77	81.90	17.69	79.30	17.16	76.70	16.64	71.70	15.60
	9	7.9	92.10	18.90	87.10	17.88	81.90	16.87	79.30	16.36	76.70	15.88	71.70	14.90
	11	9.8	92.10	18.00	87.10	17.03	81.90	16.08	79.30	15.62	76.70	15.16	71.70	14.24
	13	11.8	92.10	17.08	87.10	16.18	81.90	15.29	79.30	14.85	76.70	14.42	71.70	13.55
	15	13.7	92.10	16.26	87.10	15.41	81.90	14.57	79.30	14.16	76.70	13.75	71.70	12.93

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

23. ARUM520LTE6

23.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	97.70	45.00	97.00	45.39	96.20	45.77	95.90	45.95	95.60	46.15	94.90	46.52
	-24.8	-25	113.6	47.31	112.8	47.75	112.1	48.16	111.6	48.37	111.3	48.60	110.5	49.01
	-21.8	-22	123.5	48.65	122.7	49.11	121.9	49.55	121.4	49.78	121.1	49.99	120.1	50.42
	-19.8	-20	130.6	49.55	129.7	50.01	128.7	50.48	128.2	50.71	127.9	50.94	127.1	51.40
	-18.8	-19	134.2	49.99	133.2	50.47	132.4	50.96	131.9	51.19	131.3	51.42	130.5	51.86
	-16.7	-17	141.5	50.91	140.7	51.40	139.7	51.89	139.2	52.14	138.8	52.37	137.8	52.84
	-15	-15.9	146.2	51.43	145.1	51.94	144.1	52.45	143.6	52.68	143.1	52.94	142.2	53.40
	-13.7	-15	149.9	51.89	148.8	52.41	148.0	52.92	147.5	53.18	147.0	53.43	146.2	53.92
	-11.8	-13	157.7	52.79	156.6	53.32	155.6	53.84	155.0	54.10	154.5	54.35	153.5	54.86
	-9.8	-11	166.2	53.73	164.9	54.27	163.9	54.81	163.4	55.07	162.8	55.33	161.8	55.84
	-9.5	-10	170.2	54.17	169.1	54.71	168.0	55.27	167.5	55.53	166.8	55.81	165.7	56.33
	-8.5	-9.1	174.3	54.61	173.0	55.17	171.9	55.71	171.4	55.99	170.9	56.25	169.6	56.79
	-7	-7.6	181.1	55.33	180.0	55.91	178.7	56.48	178.2	56.74	177.4	57.02	176.3	57.56
	-5	-5.6	190.7	56.33	189.4	56.92	188.1	57.48	187.5	57.77	186.8	58.05	185.5	58.61
	-3	-3.7	200.1	57.28	198.8	57.89	197.4	58.48	196.7	58.77	196.1	59.07	186.4	55.79
	0	-0.7	215.7	58.84	214.1	59.46	212.7	60.06	206.2	57.87	199.7	55.62	186.4	51.20
	3	2.2	231.3	60.35	226.2	59.53	212.9	55.29	206.2	53.22	199.7	51.16	186.4	47.15
	5	4.1	226.7	55.25	213.2	51.31	199.9	47.48	193.2	45.60	186.4	43.74	172.9	40.09
	7	6	213.5	47.47	200.0	43.89	186.4	40.42	179.6	38.70	172.7	37.02	159.1	33.71
	9	7.9	199.9	40.31	186.2	37.12	172.4	33.99	165.6	32.47	158.6	30.96	144.8	27.98
	11	9.8	185.9	33.89	172.1	31.06	158.1	28.29	151.1	26.93	144.1	25.57	130.0	22.93
	13	11.8	171.3	28.09	157.3	25.59	143.3	23.16	136.2	21.95	129.2	20.77	114.7	18.44
	15	13.7	156.2	23.05	142.2	20.87	127.9	18.72	120.7	17.67	113.6	16.65	99.00	14.60
120	-30	-30.2	97.20	45.21	96.50	45.59	95.90	45.98	95.60	46.16	95.10	46.34	94.60	46.72
	-24.8	-25	113.1	47.60	112.3	48.01	111.5	48.44	111.0	48.65	110.8	48.85	110.0	49.26
	-21.8	-22	123.0	48.98	122.2	49.42	121.2	49.86	120.9	50.09	120.4	50.30	119.6	50.73
	-19.8	-20	129.8	49.91	129.0	50.37	128.2	50.83	127.7	51.06	127.2	51.27	126.4	51.73
	-18.8	-19	133.4	50.37	132.6	50.84	131.6	51.32	131.1	51.55	130.8	51.76	129.8	52.22
	-16.7	-17	140.7	51.32	139.9	51.81	138.9	52.30	138.4	52.53	138.1	52.76	137.1	53.22
	-15	-15.9	145.1	51.86	144.3	52.37	143.3	52.86	142.8	53.10	142.3	53.35	141.4	53.81
	-13.7	-15	149.1	52.35	148.0	52.87	147.2	53.36	146.7	53.61	146.2	53.85	145.4	54.33
	-11.8	-13	156.8	53.28	155.8	53.81	154.7	54.32	154.2	54.56	153.7	54.81	152.7	55.30
	-9.8	-11	165.2	54.27	163.9	54.81	162.8	55.33	162.3	55.59	161.8	55.84	160.7	56.35
	-9.5	-10	169.1	54.74	168.0	55.28	166.7	55.81	166.2	56.07	165.7	56.33	164.6	56.84
	-8.5	-9.1	173.0	55.20	171.9	55.74	170.7	56.28	170.1	56.54	169.6	56.81	168.5	57.33
	-7	-7.6	179.8	55.97	178.7	56.51	177.4	57.07	176.9	57.33	176.3	57.61	171.9	56.63
	-5	-5.6	189.1	57.00	187.8	57.58	186.5	58.15	186.0	58.41	184.3	58.17	171.9	53.53
	-3	-3.7	198.5	58.02	197.2	58.61	195.8	59.18	190.3	57.28	184.3	55.07	171.9	50.71
	0	-0.7	213.6	59.66	208.8	58.74	196.6	54.59	190.3	52.54	184.3	50.53	171.9	46.59
	3	2.2	221.0	57.89	208.8	54.02	196.6	50.23	190.3	48.38	184.3	46.55	171.9	42.95
	5	4.1	209.3	50.16	196.8	46.65	184.6	43.21	178.3	41.53	172.1	39.86	159.6	36.60
	7	6	197.1	43.15	184.6	39.96	172.1	36.85	165.9	35.31	159.4	33.81	146.9	30.83
	9	7.9	184.6	36.72	171.9	33.86	159.1	31.07	152.9	29.70	146.4	28.34	133.6	25.67
	11	9.8	171.6	30.96	158.8	28.42	145.9	25.93	139.6	24.70	133.1	23.49	120.1	21.10
	13	11.8	158.1	25.72	145.3	23.49	132.3	21.29	125.8	20.21	119.1	19.13	105.8	17.03

23. ARUM520LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	144.3	21.18	131.3	19.21	118.0	17.29	111.5	16.34	104.8	15.42	91.30	13.55
110	-30	-30.2	96.70	45.46	96.20	45.85	95.40	46.21	95.10	46.41	94.80	46.59	94.10	46.95
	-24.8	-25	112.6	47.93	111.8	48.34	111.0	48.75	110.5	48.96	110.2	49.16	109.4	49.55
	-21.8	-22	122.2	49.37	121.4	49.80	120.6	50.24	120.1	50.45	119.8	50.65	119.1	51.09
	-19.8	-20	129.0	50.32	128.2	50.78	127.4	51.22	126.9	51.45	126.6	51.68	125.6	52.09
	-18.8	-19	132.6	50.81	131.6	51.27	130.8	51.73	130.3	51.96	130.0	52.17	129.2	52.63
	-16.7	-17	139.9	51.81	138.9	52.27	138.1	52.76	137.6	52.99	137.1	53.22	136.2	53.66
	-15	-15.9	144.1	52.38	143.3	52.86	142.3	53.35	141.8	53.58	141.4	53.81	140.4	54.27
	-13.7	-15	148.0	52.87	147.0	53.38	146.2	53.87	145.7	54.13	145.2	54.36	144.4	54.82
	-11.8	-13	155.6	53.86	154.5	54.38	153.5	54.87	152.9	55.12	152.6	55.35	151.6	55.84
	-9.8	-11	163.8	54.89	162.6	55.43	161.5	55.94	161.0	56.18	160.5	56.43	157.6	55.95
	-9.5	-10	167.8	55.38	166.7	55.92	165.4	56.43	164.9	56.69	164.4	56.94	157.6	54.55
	-8.5	-9.1	171.7	55.87	170.4	56.41	169.3	56.92	168.8	57.20	168.3	57.44	157.6	53.21
	-7	-7.6	178.2	56.69	177.1	57.23	175.8	57.77	174.5	57.63	169.0	55.42	157.6	51.06
	-5	-5.6	187.3	57.79	186.2	58.35	180.2	56.60	174.5	54.48	169.0	52.39	157.6	48.30
	-3	-3.7	196.6	58.87	191.4	57.67	180.2	53.60	174.5	51.61	169.0	49.63	157.6	45.79
	0	-0.7	202.8	56.66	191.4	52.89	180.2	49.21	174.5	47.41	169.0	45.61	157.6	42.11
	3	2.2	202.8	52.11	191.4	48.69	180.2	45.34	174.5	43.70	169.0	42.07	157.6	38.88
	5	4.1	191.9	45.24	180.5	42.13	169.0	39.09	163.5	37.60	157.8	36.11	146.4	33.20
	7	6	180.7	38.98	169.3	36.15	157.8	33.38	151.9	32.04	146.1	30.68	134.7	28.04
	9	7.9	169.2	33.25	157.6	30.71	145.9	28.24	140.1	27.01	134.2	25.80	122.5	23.41
	11	9.8	157.3	28.11	145.6	25.85	133.9	23.62	127.9	22.54	121.9	21.46	110.0	19.31
	13	11.8	144.8	23.44	133.1	21.44	121.2	19.49	115.2	18.52	109.2	17.57	97.20	15.67
	15	13.7	132.1	19.36	120.1	17.62	108.2	15.88	102.2	15.04	96.00	14.19	83.70	12.55
100	-30	-30.2	96.20	45.77	95.60	46.13	94.90	46.51	94.60	46.69	94.30	46.87	93.60	47.23
	-24.8	-25	111.8	48.32	111.0	48.73	110.2	49.14	109.9	49.32	109.5	49.52	108.9	49.91
	-21.8	-22	121.4	49.81	120.6	50.24	119.8	50.66	119.3	50.88	119.1	51.09	118.3	51.50
	-19.8	-20	128.2	50.81	127.2	51.27	126.4	51.71	126.1	51.91	125.6	52.14	124.8	52.55
	-18.8	-19	131.6	51.32	130.8	51.78	129.8	52.22	129.5	52.45	129.0	52.66	128.2	53.09
	-16.7	-17	138.8	52.37	137.8	52.84	137.0	53.30	136.5	53.53	136.0	53.74	135.2	54.17
	-15	-15.9	143.0	52.97	142.0	53.45	141.2	53.92	140.7	54.15	140.2	54.38	139.4	54.81
	-13.7	-15	146.8	53.51	145.9	54.00	145.1	54.49	144.6	54.72	144.1	54.95	143.3	55.39
	-11.8	-13	154.2	54.53	153.2	55.02	152.2	55.51	151.6	55.76	151.3	55.99	143.3	52.76
	-9.8	-11	162.3	55.63	161.2	56.15	160.2	56.64	158.6	56.39	153.6	54.24	143.3	50.01
	-9.5	-10	166.2	56.15	164.9	56.66	163.8	57.10	158.6	54.96	153.6	52.87	143.3	48.77
	-8.5	-9.1	169.9	56.66	168.8	57.18	163.8	55.68	158.6	53.62	153.6	51.58	143.3	47.59
	-7	-7.6	176.4	57.53	174.0	57.43	163.8	53.43	158.6	51.45	153.6	49.51	143.3	45.68
	-5	-5.6	184.3	58.17	174.0	54.30	163.8	50.52	158.6	48.68	153.6	46.83	143.3	43.25
	-3	-3.7	184.3	55.07	174.0	51.43	163.8	47.88	158.6	46.13	153.6	44.41	143.3	41.03
	0	-0.7	184.3	50.53	174.0	47.23	163.8	44.01	158.6	42.42	153.6	40.87	143.3	37.78
	3	2.2	184.3	46.55	174.0	43.54	163.8	40.61	158.6	39.17	153.6	37.73	143.3	34.93
	5	4.1	174.4	40.50	164.1	37.78	153.7	35.10	148.5	33.79	143.3	32.48	132.9	29.91
	7	6	164.3	34.95	153.9	32.48	143.3	30.04	138.1	28.85	132.9	27.65	122.4	25.32
	9	7.9	153.9	29.91	143.3	27.67	132.6	25.47	127.4	24.39	122.0	23.33	111.3	21.23
	11	9.8	143.0	25.34	132.3	23.36	121.7	21.39	116.2	20.44	110.8	19.47	100.1	17.59
	13	11.8	131.8	21.21	121.1	19.44	110.2	17.72	104.8	16.85	99.30	16.01	88.40	14.34
	15	13.7	120.1	17.60	109.2	16.04	98.30	14.52	92.80	13.78	87.30	13.02	76.20	11.56

23. ARUM520LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	95.60	46.13	94.90	46.49	94.30	46.85	94.10	47.03	93.60	47.21	93.00	47.55
	-24.8	-25	111.0	48.78	110.2	49.19	109.4	49.57	109.2	49.78	108.7	49.96	107.9	50.34
	-21.8	-22	120.4	50.35	119.6	50.76	118.8	51.19	118.3	51.40	118.0	51.58	117.3	51.99
	-19.8	-20	126.9	51.40	126.1	51.84	125.3	52.27	125.0	52.48	124.5	52.68	123.7	53.09
	-18.8	-19	130.5	51.94	129.5	52.40	128.7	52.81	128.2	53.04	127.9	53.25	127.1	53.66
	-16.7	-17	137.5	53.04	136.5	53.50	135.7	53.94	135.2	54.17	134.7	54.38	129.0	51.97
	-15	-15.9	141.7	53.68	140.7	54.15	139.9	54.61	139.4	54.82	138.1	54.65	129.0	50.42
	-13.7	-15	145.4	54.26	144.6	54.74	143.6	55.21	142.8	55.20	138.1	53.08	129.0	48.93
	-11.8	-13	152.6	55.33	151.6	55.82	147.4	54.54	142.8	52.55	138.1	50.56	129.0	46.67
	-9.8	-11	160.4	56.51	156.5	55.53	147.4	51.69	142.8	49.81	138.1	47.93	129.0	44.27
	-9.5	-10	164.1	57.05	156.5	54.14	147.4	50.40	142.8	48.57	138.1	46.74	129.0	43.19
	-8.5	-9.1	165.9	56.51	156.5	52.80	147.4	49.18	142.8	47.38	138.1	45.63	129.0	42.15
	-7	-7.6	165.9	54.23	156.5	50.67	147.4	47.20	142.8	45.50	138.1	43.82	129.0	40.50
	-5	-5.6	165.9	51.26	156.5	47.94	147.4	44.67	142.8	43.07	138.1	41.50	129.0	38.36
	-3	-3.7	165.9	48.58	156.5	45.46	147.4	42.37	142.8	40.85	138.1	39.36	129.0	36.43
	0	-0.7	165.9	44.65	156.5	41.80	147.4	39.02	142.8	37.63	138.1	36.27	129.0	33.59
	3	2.2	165.9	41.20	156.5	38.60	147.4	36.06	142.8	34.80	138.1	33.56	129.0	31.12
	5	4.1	157.0	35.93	147.7	33.56	138.3	31.24	133.7	30.09	129.0	28.96	119.6	26.70
	7	6	147.9	31.07	138.6	28.91	129.0	26.80	124.3	25.75	119.6	24.72	110.2	22.69
	9	7.9	138.3	26.65	129.0	24.72	119.4	22.80	114.7	21.87	110.0	20.93	100.3	19.08
	11	9.8	128.7	22.67	119.1	20.93	109.5	19.23	104.5	18.39	99.80	17.54	90.00	15.90
	13	11.8	118.6	19.05	108.9	17.52	99.30	15.98	94.40	15.24	89.40	14.50	79.50	13.04
	15	13.7	108.2	15.88	98.30	14.52	88.60	13.19	83.50	12.53	78.50	11.87	68.40	10.59
80	-30	-30.2	94.90	46.57	94.10	46.93	93.60	47.28	93.30	47.44	93.00	47.62	92.30	47.95
	-24.8	-25	109.9	49.34	109.2	49.75	108.4	50.14	108.1	50.32	107.6	50.50	107.1	50.88
	-21.8	-22	119.1	51.01	118.3	51.42	117.5	51.81	117.2	52.01	116.8	52.22	114.7	51.69
	-19.8	-20	125.6	52.12	124.8	52.55	124.0	52.96	123.5	53.17	122.7	53.13	114.7	49.07
	-18.8	-19	129.0	52.71	128.2	53.12	127.4	53.55	126.9	53.76	122.7	51.78	114.7	47.83
	-16.7	-17	135.8	53.86	134.9	54.30	131.0	52.93	126.9	51.02	122.7	49.13	114.7	45.40
	-15	-15.9	139.9	54.55	139.1	54.99	131.0	51.35	126.9	49.49	122.7	47.66	114.7	44.04
	-13.7	-15	143.6	55.18	139.1	53.55	131.0	49.84	126.9	48.01	122.7	46.20	114.7	42.67
	-11.8	-13	147.4	54.54	139.1	51.00	131.0	47.52	126.9	45.81	122.7	44.13	114.7	40.76
	-9.8	-11	147.4	51.69	139.1	48.34	131.0	45.09	126.9	43.47	122.7	41.87	114.7	38.76
	-9.5	-10	147.4	50.40	139.1	47.15	131.0	43.98	126.9	42.41	122.7	40.86	114.7	37.82
	-8.5	-9.1	147.4	49.18	139.1	46.01	131.0	42.92	126.9	41.40	122.7	39.89	114.7	36.92
	-7	-7.6	147.4	47.20	139.1	44.18	131.0	41.22	126.9	39.78	122.7	38.33	114.7	35.48
	-5	-5.6	147.4	44.67	139.1	41.83	131.0	39.05	126.9	37.69	122.7	36.33	114.7	33.65
	-3	-3.7	147.4	42.37	139.1	39.69	131.0	37.07	126.9	35.78	122.7	34.52	114.7	32.00
	0	-0.7	147.4	39.02	139.1	36.58	131.0	34.18	126.9	33.02	122.7	31.85	114.7	29.56
	3	2.2	147.4	36.06	139.1	33.82	131.0	31.66	126.9	30.58	122.7	29.51	114.7	27.42
	5	4.1	139.6	31.53	131.3	29.50	123.0	27.50	118.8	26.52	114.7	25.52	106.4	23.60
	7	6	131.3	27.34	123.0	25.49	114.7	23.67	110.5	22.77	106.3	21.88	97.80	20.13
	9	7.9	123.0	23.52	114.6	21.85	106.1	20.21	101.9	19.41	97.70	18.60	89.20	17.01
	11	9.8	114.4	20.08	105.8	18.59	97.30	17.13	93.10	16.39	88.70	15.67	80.10	14.24
	13	11.8	105.3	16.96	96.70	15.62	88.10	14.32	83.70	13.68	79.50	13.04	70.70	11.76
	15	13.7	96.20	14.22	87.40	13.04	78.80	11.89	74.30	11.33	69.90	10.74	60.90	9.62
70	-30	-30.2	93.80	47.13	93.30	47.47	92.50	47.80	92.30	47.98	92.00	48.16	91.50	48.47

23. ARUM520LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	108.4	50.06	107.9	50.45	107.1	50.81	106.8	50.99	106.5	51.17	100.3	47.96
	-21.8	-22	117.5	51.83	116.7	52.22	114.7	51.69	111.0	49.83	107.4	48.00	100.3	44.41
	-19.8	-20	124.0	53.02	121.9	52.63	114.7	49.07	111.0	47.32	107.4	45.59	100.3	42.19
	-18.8	-19	127.1	53.63	121.9	51.26	114.7	47.83	111.0	46.13	107.4	44.45	100.3	41.13
	-16.7	-17	129.0	51.98	121.9	48.65	114.7	45.40	111.0	43.80	107.4	42.20	100.3	39.08
	-15	-15.9	129.0	50.42	121.9	47.20	114.7	44.04	111.0	42.47	107.4	40.90	100.3	37.84
	-13.7	-15	129.0	48.93	121.9	45.76	114.7	42.67	111.0	41.15	107.4	39.63	100.3	36.67
	-11.8	-13	129.0	46.67	121.9	43.69	114.7	40.76	111.0	39.29	107.4	37.87	100.3	35.04
	-9.8	-11	129.0	44.27	121.9	41.49	114.7	38.76	111.0	37.39	107.4	36.07	100.3	33.41
	-9.5	-10	129.0	43.19	121.9	40.48	114.7	37.82	111.0	36.51	107.4	35.20	100.3	32.65
	-8.5	-9.1	129.0	42.15	121.9	39.52	114.7	36.92	111.0	35.64	107.4	34.38	100.3	31.88
	-7	-7.6	129.0	40.50	121.9	37.98	114.7	35.48	111.0	34.27	107.4	33.06	100.3	30.67
	-5	-5.6	129.0	38.36	121.9	35.99	114.7	33.67	111.0	32.52	107.4	31.38	100.3	29.13
	-3	-3.7	129.0	36.43	121.9	34.19	114.7	32.00	111.0	30.92	107.4	29.84	100.3	27.71
	0	-0.7	129.0	33.59	121.9	31.56	114.7	29.56	111.0	28.58	107.4	27.60	100.3	25.65
	3	2.2	129.0	31.12	121.9	29.25	114.7	27.42	111.0	26.52	107.4	25.62	100.3	23.85
	5	4.1	122.2	27.29	114.9	25.57	107.6	23.88	104.0	23.05	100.4	22.23	93.10	20.59
	7	6	114.9	23.72	107.7	22.18	100.4	20.64	96.70	19.88	93.10	19.13	85.60	17.65
	9	7.9	107.6	20.51	100.3	19.10	92.80	17.72	89.20	17.03	85.50	16.34	78.00	15.01
	11	9.8	100.1	17.59	92.60	16.34	85.30	15.08	81.40	14.47	77.70	13.86	70.00	12.63
	13	11.8	92.30	14.93	84.80	13.81	77.20	12.71	73.30	12.15	69.40	11.61	61.90	10.53
	15	13.7	84.20	12.60	76.50	11.61	68.90	10.62	65.00	10.13	61.10	9.67	53.30	8.70
60	-30	-30.2	92.50	47.85	92.00	48.18	91.40	48.49	91.00	48.67	90.70	48.83	86.00	46.09
	-24.8	-25	106.8	50.98	104.5	50.18	98.30	46.85	95.20	45.22	92.10	43.59	86.00	40.37
	-21.8	-22	110.5	49.57	104.5	46.45	98.30	43.40	95.20	41.88	92.10	40.39	86.00	37.42
	-19.8	-20	110.5	47.08	104.5	44.14	98.30	41.23	95.20	39.81	92.10	38.39	86.00	35.59
	-18.8	-19	110.5	45.89	104.5	43.01	98.30	40.20	95.20	38.81	92.10	37.44	86.00	34.71
	-16.7	-17	110.5	43.57	104.5	40.86	98.30	38.18	95.20	36.87	92.10	35.58	86.00	33.00
	-15	-15.9	110.5	42.24	104.5	39.59	98.30	36.98	95.20	35.70	92.10	34.43	86.00	31.91
	-13.7	-15	110.5	40.94	104.5	38.37	98.30	35.85	95.20	34.61	92.10	33.38	86.00	30.96
	-11.8	-13	110.5	39.09	104.5	36.64	98.30	34.25	95.20	33.06	92.10	31.90	86.00	29.59
	-9.8	-11	110.5	37.21	104.5	34.93	98.30	32.65	95.20	31.52	92.10	30.41	86.00	28.22
	-9.5	-10	110.5	36.31	104.5	34.10	98.30	31.93	95.20	30.85	92.10	29.78	86.00	27.69
	-8.5	-9.1	110.5	35.46	104.5	33.30	98.30	31.19	95.20	30.13	92.10	29.10	86.00	27.05
	-7	-7.6	110.5	34.09	104.5	32.03	98.30	30.00	95.20	29.00	92.10	28.02	86.00	26.05
	-5	-5.6	110.5	32.34	104.5	30.41	98.30	28.51	95.20	27.56	92.10	26.63	86.00	24.78
	-3	-3.7	110.5	30.77	104.5	28.92	98.30	27.12	95.20	26.24	92.10	25.35	86.00	23.60
	0	-0.7	110.5	28.43	104.5	26.76	98.30	25.11	95.20	24.29	92.10	23.49	86.00	21.90
	3	2.2	110.5	26.39	104.5	24.85	98.30	23.34	95.20	22.60	92.10	21.87	86.00	20.41
	5	4.1	104.5	23.21	98.50	21.80	92.30	20.41	89.20	19.72	86.10	19.05	79.80	17.70
	7	6	98.50	20.26	92.30	18.98	86.10	17.72	82.90	17.11	79.80	16.49	73.30	15.26
	9	7.9	92.30	17.60	86.00	16.44	79.60	15.29	76.40	14.73	73.30	14.16	66.80	13.06
	11	9.8	85.80	15.19	79.30	14.14	73.00	13.11	69.70	12.60	66.60	12.09	60.10	11.09
	13	11.8	79.00	12.99	72.60	12.04	66.10	11.12	62.90	10.66	59.60	10.23	53.00	9.31
	15	13.7	72.00	11.04	65.50	10.21	59.00	9.39	55.70	9.00	52.30	8.60	45.70	7.80
50	-30	-30.2	90.70	48.80	87.10	46.71	81.90	43.67	79.30	42.17	76.70	40.67	71.70	37.73
	-24.8	-25	92.10	43.59	87.10	40.91	81.90	38.28	79.30	36.97	76.70	35.68	71.70	33.13

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	92.10	40.39	87.10	37.91	81.90	35.49	79.30	34.30	76.70	33.12	71.70	30.77
	-19.8	-20	92.10	38.39	87.10	36.05	81.90	33.76	79.30	32.63	76.70	31.51	71.70	29.28
	-18.8	-19	92.10	37.44	87.10	35.17	81.90	32.93	79.30	31.83	76.70	30.74	71.70	28.58
	-16.7	-17	92.10	35.58	87.10	33.44	81.90	31.33	79.30	30.28	76.70	29.25	71.70	27.21
	-15	-15.9	92.10	34.43	87.10	32.33	81.90	30.29	79.30	29.26	76.70	28.26	71.70	26.28
	-13.7	-15	92.10	33.38	87.10	31.34	81.90	29.36	79.30	28.38	76.70	27.41	71.70	25.48
	-11.8	-13	92.10	31.90	87.10	29.97	81.90	28.07	79.30	27.15	76.70	26.22	71.70	24.40
	-9.8	-11	92.10	30.41	87.10	28.58	81.90	26.79	79.30	25.91	76.70	25.01	71.70	23.29
	-9.5	-10	92.10	29.78	87.10	28.03	81.90	26.30	79.30	25.45	76.70	24.61	71.70	22.94
	-8.5	-9.1	92.10	29.10	87.10	27.40	81.90	25.71	79.30	24.89	76.70	24.06	71.70	22.42
	-7	-7.6	92.10	28.02	87.10	26.38	81.90	24.76	79.30	23.96	76.70	23.19	71.70	21.63
	-5	-5.6	92.10	26.63	87.10	25.09	81.90	23.55	79.30	22.81	76.70	22.06	71.70	20.60
	-3	-3.7	92.10	25.35	87.10	23.91	81.90	22.47	79.30	21.75	76.70	21.06	71.70	19.67
	0	-0.7	92.10	23.50	87.10	22.16	81.90	20.85	79.30	20.21	76.70	19.57	71.70	18.29
	3	2.2	92.10	21.87	87.10	20.65	81.90	19.44	79.30	18.85	76.70	18.26	71.70	17.10
	5	4.1	87.10	19.31	82.10	18.18	76.90	17.08	74.30	16.54	71.70	15.98	66.50	14.91
	7	6	82.20	16.95	77.00	15.93	71.70	14.93	69.10	14.42	66.50	13.93	61.10	12.94
	9	7.9	76.90	14.81	71.70	13.88	66.30	12.96	63.70	12.52	61.10	12.07	55.70	11.17
	11	9.8	71.50	12.88	66.30	12.04	60.80	11.20	58.20	10.79	55.40	10.38	49.90	9.59
	13	11.8	65.80	11.10	60.60	10.35	55.10	9.61	52.30	9.23	49.70	8.88	44.20	8.16
	15	13.7	60.10	9.54	54.60	8.87	49.20	8.21	46.50	7.88	43.70	7.55	38.00	6.91

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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23.5 Capacity Correction Factor

23.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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23.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

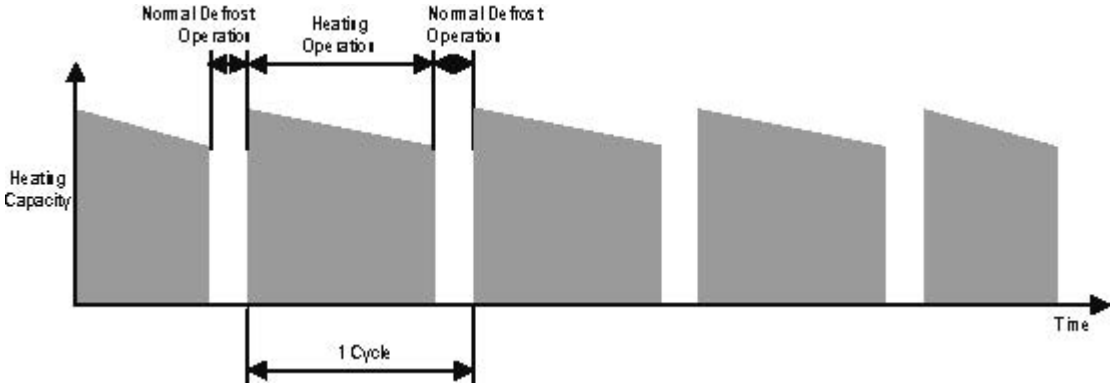
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

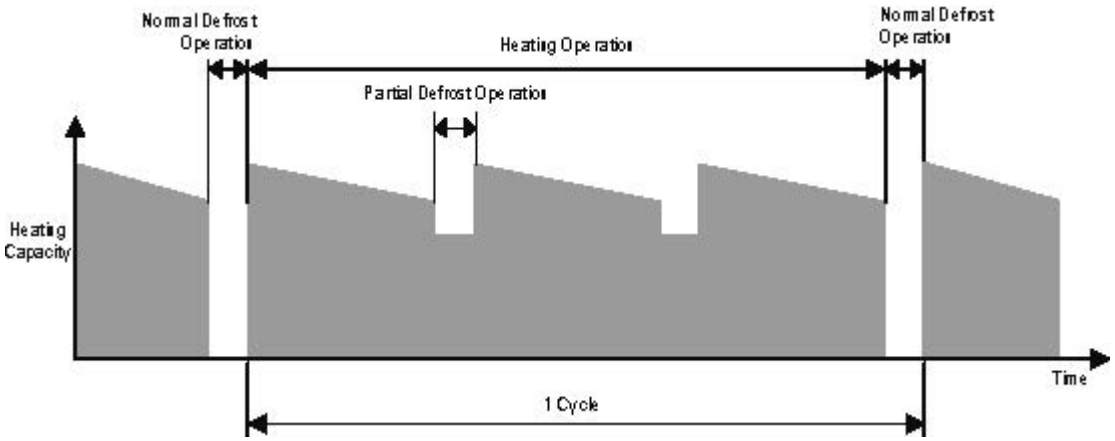
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

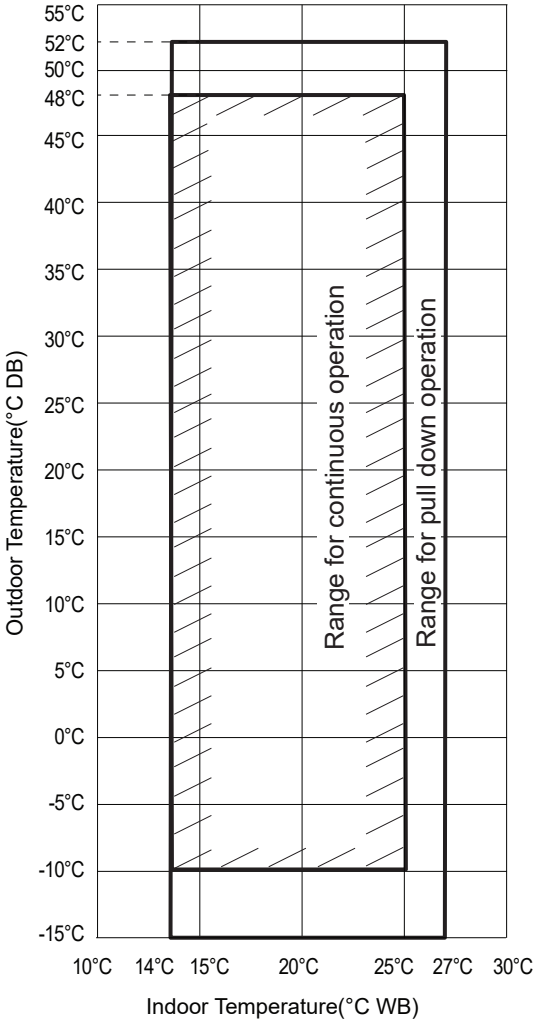


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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23.6 Operation Limits

23.6.1 Cooling

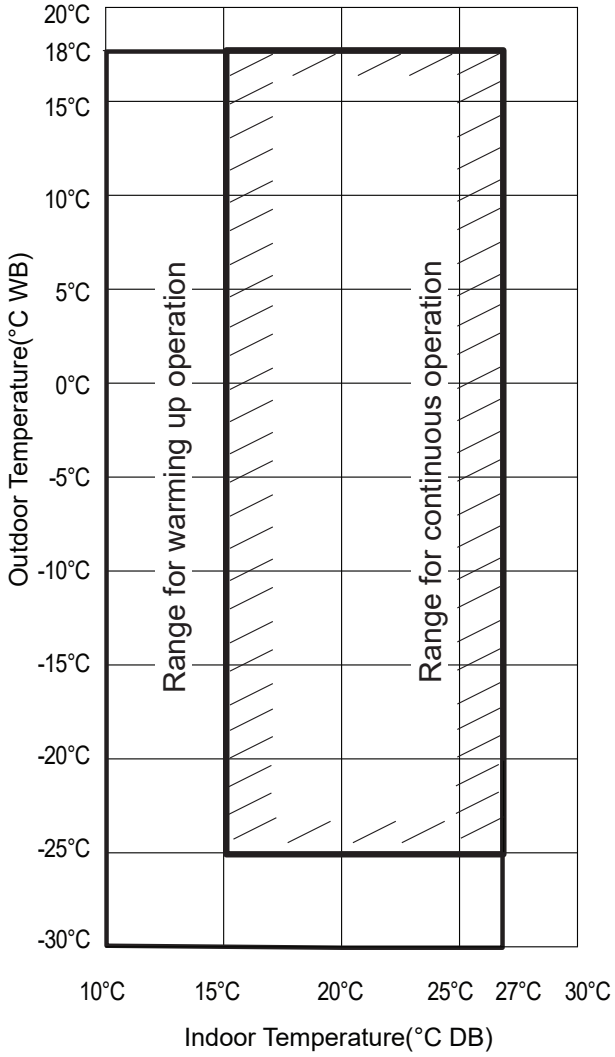


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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23.6.2 Heating

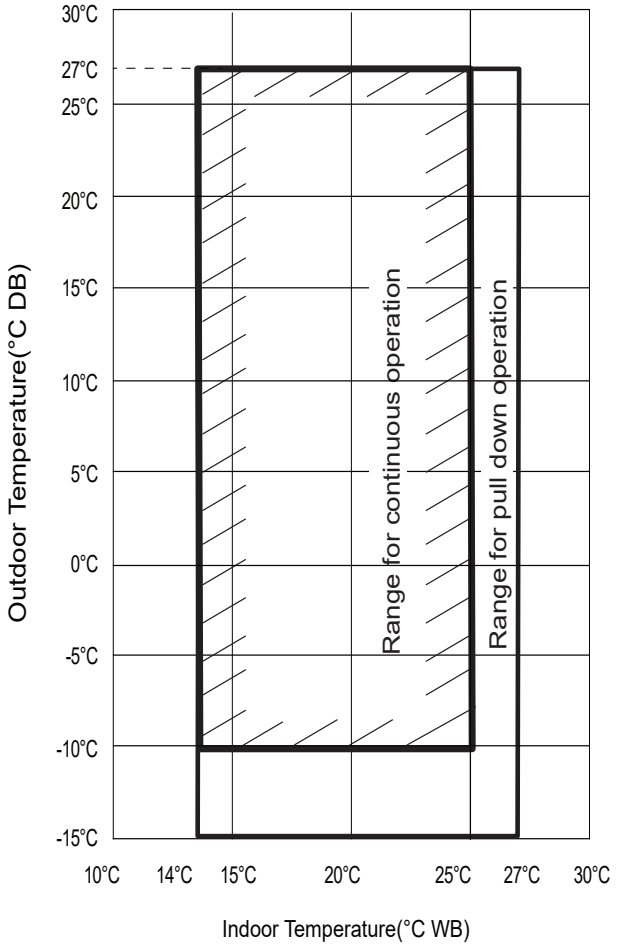


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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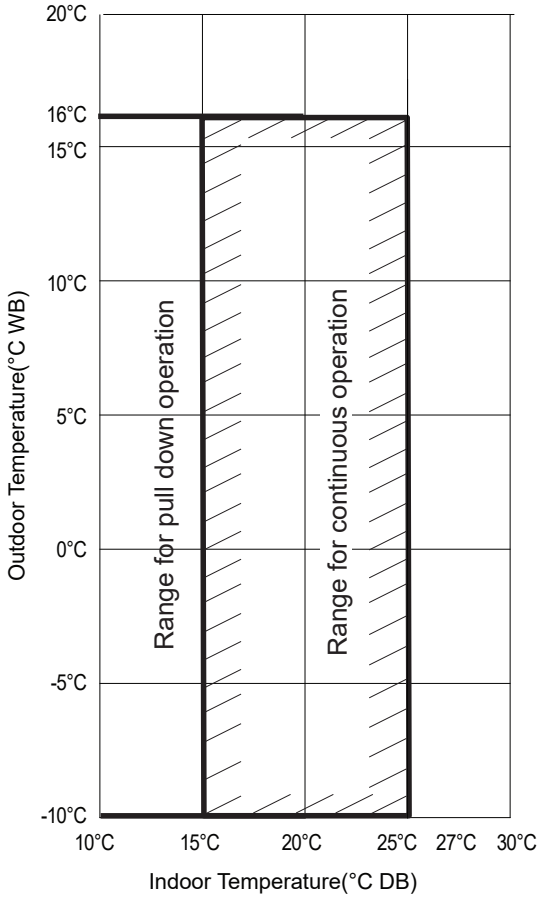
23.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

23.6.4 Simultaneous Operation (Heating)



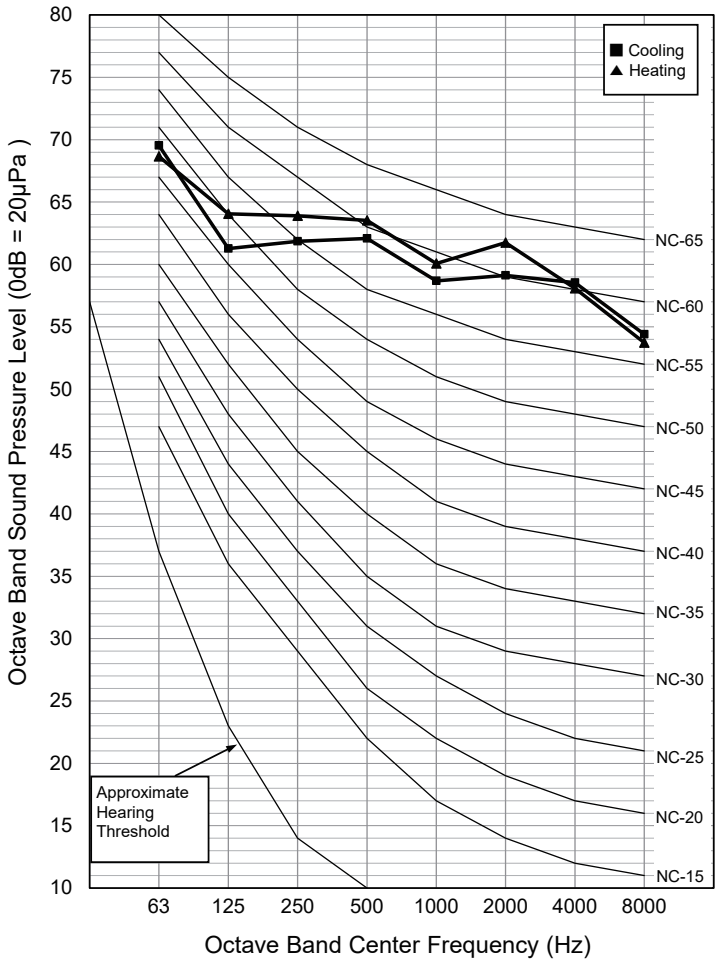
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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23.7 Sound Levels

23.7.1 Pressure Levels



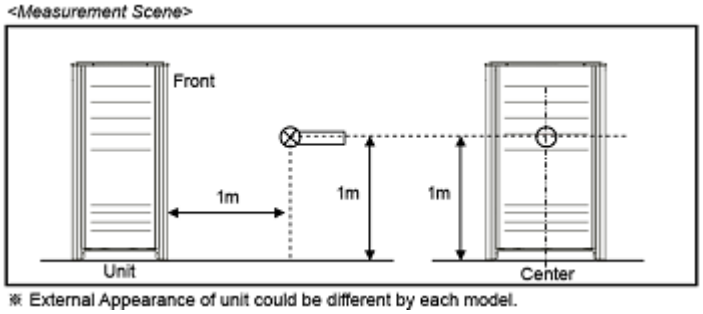
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.5	61.3	61.9	62.1	58.7	59.1	58.5	54.4
Heating[dB]	68.7	64.1	63.9	63.5	60.1	61.7	58.1	53.7

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	66.0 / 67.4

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

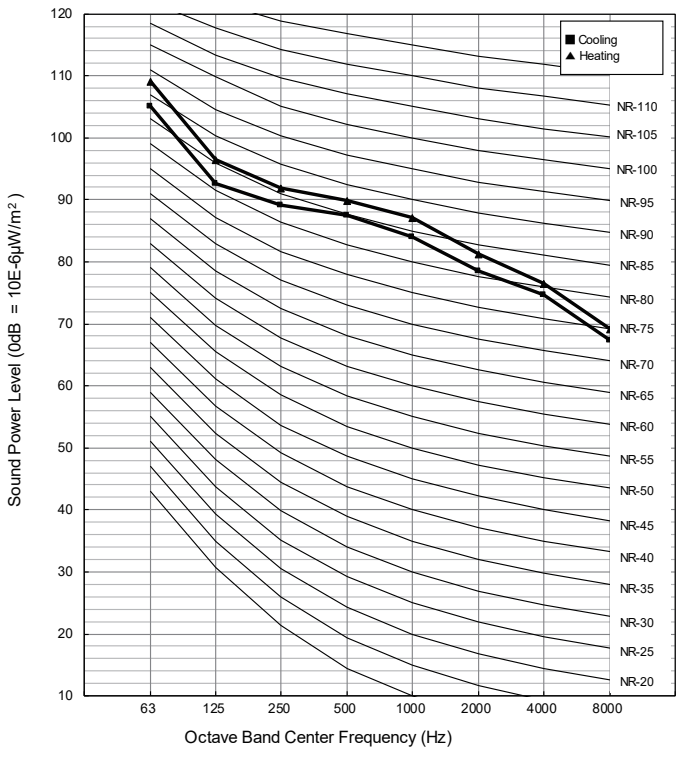
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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23.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	105.1	92.6	89.2	87.5	84.0	78.6	74.8	67.4	89.5
Heating [dB]	109.1	96.4	89.2	87.5	84.0	78.6	74.8	67.4	92.4

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	89.5 / 92.4

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

24. ARUM540LTE6

24.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM140LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	76.72 - 72.88 - 70.25
	Running Current by Voltage (Heating,Rated)	A	55.07 - 52.32 - 50.43
Cooling Capacity	Rated	kW	151.2
		Btu/h	515,900
Heating Capacity	Rated	kW	151.2
		Btu/h	515,900
	Max	kW	170.1
		Btu/h	580,400
Power Input(Cooling)	Rated	kW	46.96
Power Input(Heating)	Rated	kW	33.71
Efficiency	EER(Rated)	W/W	3.22
	COP(Rated)	W/W	4.49
	SEER	Wh/Wh	8.46
	SCOP	Wh/Wh	5.14
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 5
	Number of Revolution	rev./min	3,600 x 5
	Motor Output	W x No.	5,300 x 5
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	3
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 3
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 3
Weight	Net	kg	(300 x 1) + (300 x 1) + (255 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (265 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

24. ARUM540LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	45.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	93.938
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	66.2 / 67.6
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	89.6 / 92.3
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	121.5
	Maximum Fuse Amperes (MFA)	A	150
	Total Over Current Amperes (TOCA)	A	134.0
	Comp_Maximum Starting Current (MSC)	A	29.5
	Comp_Rated Load Amperes (Cooling)	A	69.2
	Comp_Rated Load Amperes (Heating)	A	47.6
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	7.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

24. ARUM540LTE6

24.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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24.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

24. ARUM540LTE6

24.4 Capacity Tables

24.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	118.0	12.05	149.1	16.68	182.5	24.31	196.5	28.28	212.2	33.50	225.7	38.04	236.0	41.64
	12	118.0	13.14	149.1	18.37	182.5	26.65	196.5	30.89	212.2	36.37	225.7	40.81	235.9	44.30
	14	118.0	14.36	149.1	20.21	182.5	29.21	196.5	33.74	212.2	39.45	225.7	43.85	235.8	47.22
	16	118.0	15.72	149.1	22.26	182.5	32.02	196.5	36.85	212.2	42.68	225.7	47.12	235.6	50.42
	18	118.0	17.23	149.1	24.50	182.5	35.06	196.5	40.25	212.2	46.15	225.7	50.36	235.3	53.00
	20	118.0	18.89	149.1	26.94	182.5	38.40	196.5	43.83	212.2	48.97	225.7	52.80	235.0	55.30
	21	118.0	19.79	149.1	28.27	182.5	40.10	196.5	45.20	212.2	50.27	225.7	54.08	234.8	56.51
	23	118.0	21.74	149.1	31.07	182.5	42.79	196.5	48.13	212.2	52.93	225.7	56.55	234.3	58.89
	25	118.0	23.85	149.1	33.50	182.5	45.56	196.5	50.86	212.2	55.43	225.2	58.99	233.8	61.40
	27	118.0	25.83	149.1	35.83	182.5	48.29	196.5	53.47	212.2	58.16	224.6	61.71	233.3	64.25
	29	118.0	27.62	149.1	38.12	182.5	51.21	196.5	56.28	212.2	61.11	224.1	64.75	232.7	67.45
	31	118.0	29.41	149.1	40.58	182.5	54.42	196.5	59.33	212.2	64.37	223.4	68.20	232.0	71.15
	33	118.0	31.33	149.1	43.22	182.5	57.75	196.5	62.63	211.7	67.92	220.9	71.36	221.7	71.50
	35	118.0	33.36	149.1	46.05	182.5	61.05	196.5	66.27	208.4	70.74	209.4	70.91	210.2	71.04
	37	118.0	35.54	149.1	49.09	182.5	64.67	194.9	69.65	196.0	69.89	195.8	69.86	195.8	69.84
	39	118.0	37.85	149.1	52.28	181.1	68.01	181.4	68.12	181.5	68.10	181.4	68.13	181.4	68.12
	41	118.0	40.33	149.1	55.76	167.7	66.10	167.4	66.07	167.4	66.02	167.2	65.97	167.4	66.06
	43	118.0	43.01	149.1	59.58	154.0	62.44	153.7	62.44	153.7	62.36	153.7	62.44	153.6	62.35
	46	118.0	47.40	134.7	57.06	134.4	57.00	134.4	57.02	134.4	57.00	134.2	56.93	134.4	57.01
	48	118.0	50.65	122.4	53.23	122.1	53.18	122.2	53.17	122.4	53.29	122.1	53.22	122.1	53.21
	50	111.2	49.97	111.0	49.89	110.7	49.80	110.7	49.83	110.7	49.78	110.5	49.74	110.5	49.73
	52	98.40	44.20	99.30	42.51	99.90	40.86	99.90	40.50	99.90	40.13	99.90	39.77	99.90	39.54
120	10	109.1	11.05	137.7	14.72	168.5	20.73	181.4	24.02	196.0	28.13	208.4	32.13	218.1	35.54
	12	109.1	11.99	137.7	16.18	168.5	22.82	181.4	26.36	196.0	30.73	208.4	34.96	218.1	38.31
	14	109.1	13.05	137.7	17.79	168.5	25.11	181.4	28.90	196.0	33.56	208.4	38.03	218.1	41.32
	16	109.1	14.23	137.7	19.56	168.5	27.60	181.4	31.66	196.0	36.65	208.4	41.38	218.1	44.58
	18	109.1	15.55	137.7	21.53	168.5	30.35	181.4	34.69	196.0	40.05	208.4	44.85	218.1	48.11
	20	109.1	17.01	137.7	23.68	168.5	33.34	181.4	38.00	196.0	43.64	208.4	47.82	218.1	50.63
	21	109.1	17.78	137.7	24.83	168.5	34.94	181.4	39.72	196.0	45.00	208.4	49.12	218.1	51.94
	23	109.1	19.50	137.7	27.30	168.5	37.82	181.4	42.39	196.0	47.93	208.4	51.83	218.1	54.54
	25	109.1	21.37	137.7	29.76	168.5	40.43	181.4	45.17	196.0	50.70	208.4	54.33	218.1	57.05
	27	109.1	23.31	137.7	31.93	168.5	42.92	181.4	47.86	196.0	53.32	208.4	57.02	218.1	59.79
	29	109.1	24.96	137.7	33.98	168.5	45.56	181.4	50.76	196.0	56.11	208.4	59.95	217.9	62.76
	31	109.1	26.57	137.7	36.18	168.5	48.39	181.4	53.93	196.0	59.14	208.4	63.15	217.3	66.03
	33	109.1	28.29	137.7	38.52	168.5	51.44	181.4	57.36	196.0	62.44	208.4	66.69	216.6	69.72
	35	109.1	30.13	137.7	41.03	168.5	54.76	181.4	60.64	196.0	66.08	207.9	70.58	209.1	70.89
	37	109.1	32.10	137.7	43.73	168.5	58.39	181.4	64.23	195.0	69.66	196.0	69.88	195.8	69.85
	39	109.1	34.18	137.7	46.63	168.5	62.42	180.8	67.95	181.6	68.15	181.4	68.14	181.4	68.10
	41	109.1	36.41	137.7	49.77	167.5	66.03	167.5	66.06	167.4	66.01	167.2	65.98	167.3	66.00
	43	109.1	38.81	137.7	53.20	154.0	62.48	154.0	62.44	153.7	62.37	153.8	62.40	153.7	62.43
	46	109.1	42.73	134.6	57.10	134.4	56.95	134.4	56.95	134.4	57.00	134.4	56.96	134.4	56.94
	48	109.1	45.58	122.4	53.20	122.3	53.24	122.4	53.29	122.1	53.21	122.1	53.19	122.1	53.13
	50	108.6	48.40	111.0	49.85	110.7	49.84	110.7	49.84	110.7	49.84	110.7	49.83	110.5	49.66
	52	98.20	44.86	98.90	43.21	99.90	41.54	99.90	41.22	99.90	40.83	99.90	40.55	99.90	40.37
110	10	99.90	10.21	126.1	13.07	154.4	17.70	166.3	20.23	179.6	23.57	190.9	26.66	199.8	29.34
	12	99.90	11.00	126.1	14.29	154.4	19.48	166.3	22.27	179.6	25.87	190.9	29.18	199.8	32.03
	14	99.90	11.90	126.1	15.67	154.4	21.45	166.3	24.51	179.6	28.37	190.9	31.91	199.8	34.93

24. ARUM540LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	99.90	12.90	126.1	17.21	154.4	23.62	166.3	26.96	179.6	31.11	190.9	34.90	199.8	38.12
	18	99.90	14.04	126.1	18.90	154.4	26.00	166.3	29.63	179.6	34.09	190.9	38.16	199.8	41.59
	20	99.90	15.29	126.1	20.75	154.4	28.58	166.3	32.57	179.6	37.34	190.9	41.72	199.8	45.10
	21	99.90	15.98	126.1	21.75	154.4	29.97	166.3	34.14	179.6	39.08	190.9	43.17	199.8	46.52
	23	99.90	17.46	126.1	23.90	154.4	32.96	166.3	37.07	179.6	41.77	190.9	45.99	199.8	49.33
	25	99.90	19.10	126.1	26.26	154.4	35.33	166.3	39.67	179.6	44.52	190.9	48.85	199.8	51.87
	27	99.90	20.90	126.1	28.24	154.4	37.74	166.3	42.14	179.6	47.17	190.9	51.73	199.8	54.52
	29	99.90	22.47	126.1	30.15	154.4	40.14	166.3	44.72	179.6	50.05	190.9	54.55	199.8	57.35
	31	99.90	23.91	126.1	32.10	154.4	42.73	166.3	47.51	179.6	53.16	190.9	57.52	199.8	60.45
	33	99.90	25.46	126.1	34.17	154.4	45.49	166.3	50.49	179.6	56.56	190.9	60.74	199.8	63.82
	35	99.90	27.10	126.1	36.40	154.4	48.38	166.3	53.74	179.6	60.00	190.9	64.24	199.8	67.54
	37	99.90	28.86	126.1	38.77	154.4	51.51	166.3	57.28	179.6	63.53	190.9	68.11	195.8	69.82
	39	99.90	30.75	126.1	41.32	154.4	54.89	166.3	61.20	179.6	67.42	181.4	68.11	181.7	68.16
	41	99.90	32.76	126.1	44.06	154.4	58.62	166.3	65.54	167.6	66.09	167.4	66.06	167.4	66.06
	43	99.90	34.91	126.1	47.01	153.9	62.39	154.0	62.51	154.0	62.46	153.7	62.39	153.8	62.41
	46	99.90	38.40	126.1	51.91	134.4	57.04	134.4	57.02	134.4	57.04	134.4	57.05	134.2	56.94
	48	99.90	40.93	122.4	53.29	122.4	53.30	122.4	53.30	122.3	53.24	122.2	53.25	122.2	53.24
	50	99.90	43.65	111.0	49.92	110.8	49.82	110.7	49.84	110.7	49.78	110.7	49.77	110.7	49.81
	52	97.80	45.22	98.40	44.03	99.60	42.37	99.70	42.03	99.90	41.71	99.50	41.41	99.90	41.00
100	10	90.80	9.20	114.7	11.67	140.4	15.16	151.2	17.07	163.3	19.55	173.6	22.01	181.7	24.12
	12	90.80	10.14	114.7	12.71	140.4	16.67	151.2	18.78	163.3	21.53	173.6	24.22	181.7	26.46
	14	90.80	10.89	114.7	13.85	140.4	18.33	151.2	20.69	163.3	23.70	173.6	26.61	181.7	29.01
	16	90.80	11.75	114.7	15.13	140.4	20.17	151.2	22.77	163.3	26.09	173.6	29.25	181.7	31.79
	18	90.80	12.69	114.7	16.57	140.4	22.19	151.2	25.07	163.3	28.69	173.6	32.09	181.7	34.84
	20	90.80	13.78	114.7	18.17	140.4	24.42	151.2	27.57	163.3	31.53	173.6	35.19	181.7	38.13
	21	90.80	14.34	114.7	19.02	140.4	25.60	151.2	28.91	163.3	33.06	173.6	36.84	181.7	39.87
	23	90.80	15.62	114.7	20.87	140.4	28.16	151.2	31.80	163.3	36.03	173.6	39.63	181.7	42.52
	25	90.80	17.05	114.7	22.90	140.4	30.62	151.2	34.21	163.3	38.58	173.6	42.33	181.7	45.29
	27	90.80	18.61	114.7	24.87	140.4	32.81	151.2	36.57	163.3	41.06	173.6	44.88	181.7	48.00
	29	90.80	20.11	114.7	26.61	140.4	34.93	151.2	38.90	163.3	43.60	173.6	47.63	181.7	50.93
	31	90.80	21.43	114.7	28.33	140.4	37.19	151.2	41.40	163.3	46.30	173.6	50.58	181.7	54.09
	33	90.80	22.81	114.7	30.17	140.4	39.60	151.2	44.09	163.3	49.20	173.6	53.78	181.7	57.50
	35	90.80	24.28	114.7	32.14	140.4	42.17	151.2	47.00	163.3	52.37	173.6	57.29	181.7	60.79
	37	90.80	25.84	114.7	34.22	140.4	44.95	151.2	50.01	163.3	55.80	173.6	61.16	181.7	64.38
	39	90.80	27.52	114.7	36.45	140.4	47.95	151.2	53.29	163.3	59.56	173.6	64.85	180.9	67.98
	41	90.80	29.33	114.7	38.85	140.4	51.20	151.2	56.86	163.3	63.74	167.4	66.05	167.6	66.09
	43	90.80	31.25	114.7	41.40	140.4	54.71	151.2	60.79	153.7	62.39	154.0	62.50	154.0	62.50
	46	90.80	34.37	114.7	45.62	134.5	57.03	134.6	57.03	134.6	57.04	134.6	57.07	134.4	56.98
	48	90.80	36.63	114.7	48.69	122.6	53.33	122.3	53.30	122.4	53.29	122.3	53.26	122.4	53.29
	50	90.80	39.05	111.0	49.84	110.9	49.83	110.9	49.83	110.7	49.78	110.7	49.79	110.7	49.80
	52	90.80	41.63	98.10	44.46	98.70	43.30	99.20	42.82	99.50	42.29	99.90	41.78	99.90	41.38
90	10	81.80	8.35	103.2	10.51	126.3	13.07	136.1	14.48	146.9	16.30	156.3	18.06	163.6	19.62
	12	81.80	9.40	103.2	11.34	126.3	14.32	136.1	15.91	146.9	17.94	156.3	19.90	163.6	21.61
	14	81.80	10.02	103.2	12.31	126.3	15.70	136.1	17.47	146.9	19.75	156.3	21.91	163.6	23.78
	16	81.80	10.72	103.2	13.37	126.3	17.23	136.1	19.21	146.9	21.72	156.3	24.13	163.6	26.17
	18	81.80	11.52	103.2	14.57	126.3	18.92	136.1	21.13	146.9	23.92	156.3	26.54	163.6	28.78
	20	81.80	12.41	103.2	15.90	126.3	20.79	136.1	23.23	146.9	26.30	156.3	29.19	163.6	31.63
	21	81.80	12.91	103.2	16.62	126.3	21.79	136.1	24.38	146.9	27.59	156.3	30.62	163.6	33.16
	23	81.80	13.98	103.2	18.18	126.3	23.95	136.1	26.80	146.9	30.35	156.3	33.60	163.6	36.11
	25	81.80	15.17	103.2	19.90	126.3	26.31	136.1	29.27	146.9	32.77	156.3	36.01	163.6	38.69
	27	81.80	16.52	103.2	21.80	126.3	28.29	136.1	31.39	146.9	35.08	156.3	38.44	163.6	41.16

24. ARUM540LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	81.80	17.95	103.2	23.36	126.3	30.20	136.1	33.42	146.9	37.33	156.3	40.89	163.6	43.70
	31	81.80	19.14	103.2	24.87	126.3	32.15	136.1	35.59	146.9	39.73	156.3	43.52	163.6	46.42
	33	81.80	20.33	103.2	26.47	126.3	34.23	136.1	37.90	146.9	42.32	156.3	46.26	163.6	49.34
	35	81.80	21.63	103.2	28.19	126.3	36.46	136.1	40.37	146.9	45.08	156.3	49.21	163.6	52.49
	37	81.80	23.02	103.2	30.01	126.3	38.85	136.1	43.00	146.9	48.07	156.3	52.39	163.6	55.94
	39	81.80	24.52	103.2	31.97	126.3	41.40	136.1	45.86	146.9	51.24	156.3	55.87	163.6	59.73
	41	81.80	26.12	103.2	34.05	126.3	44.13	136.1	48.95	146.9	54.65	156.3	59.67	163.6	63.93
	43	81.80	27.83	103.2	36.29	126.3	47.09	136.1	52.28	146.9	58.35	154.0	62.45	154.0	62.45
	46	81.80	30.61	103.2	39.92	126.3	51.99	134.6	57.09	134.6	57.04	134.4	57.02	134.6	57.08
	48	81.80	32.63	103.2	42.58	122.5	53.32	122.4	53.30	122.4	53.27	122.4	53.26	122.3	53.26
	50	81.80	34.77	103.2	45.43	110.9	49.91	110.9	49.90	111.0	49.89	110.9	49.86	110.9	49.86
	52	81.80	37.08	97.70	45.02	98.60	43.79	99.00	43.30	99.30	42.74	99.50	42.23	99.90	41.86
80	10	72.60	7.50	91.80	9.30	112.3	11.40	120.9	12.39	130.7	13.67	138.8	14.92	145.5	16.01
	12	72.60	8.78	91.80	10.22	112.3	12.39	120.9	13.54	130.7	14.99	138.8	16.40	145.5	17.61
	14	72.60	9.27	91.80	10.98	112.3	13.51	120.9	14.81	130.7	16.45	138.8	18.03	145.5	19.40
	16	72.60	9.84	91.80	11.86	112.3	14.75	120.9	16.22	130.7	18.09	138.8	19.85	145.5	21.35
	18	72.60	10.48	91.80	12.82	112.3	16.14	120.9	17.79	130.7	19.88	138.8	21.84	145.5	23.50
	20	72.60	11.21	91.80	13.91	112.3	17.65	120.9	19.53	130.7	21.85	138.8	24.02	145.5	25.85
	21	72.60	11.61	91.80	14.50	112.3	18.49	120.9	20.45	130.7	22.91	138.8	25.18	145.5	27.11
	23	72.60	12.52	91.80	15.80	112.3	20.26	120.9	22.48	130.7	25.19	138.8	27.70	145.5	29.80
	25	72.60	13.51	91.80	17.23	112.3	22.24	120.9	24.68	130.7	27.62	138.8	30.16	145.5	32.25
	27	72.60	14.65	91.80	18.82	112.3	24.20	120.9	26.66	130.7	29.65	138.8	32.36	145.5	34.54
	29	72.60	15.92	91.80	20.33	112.3	25.89	120.9	28.50	130.7	31.61	138.8	34.43	145.5	36.77
	31	72.60	17.01	91.80	21.67	112.3	27.58	120.9	30.34	130.7	33.66	138.8	36.66	145.5	39.12
	33	72.60	18.04	91.80	23.07	112.3	29.37	120.9	32.31	130.7	35.84	138.8	39.04	145.5	41.66
	35	72.60	19.17	91.80	24.55	112.3	31.27	120.9	34.39	130.7	38.17	138.8	41.56	145.5	44.39
	37	72.60	20.39	91.80	26.13	112.3	33.31	120.9	36.65	130.7	40.65	138.8	44.30	145.5	47.33
	39	72.60	21.70	91.80	27.84	112.3	35.47	120.9	39.04	130.7	43.33	138.8	47.26	145.5	50.51
	41	72.60	23.12	91.80	29.65	112.3	37.81	120.9	41.62	130.7	46.22	138.8	50.45	145.5	53.83
	43	72.60	24.64	91.80	31.60	112.3	40.29	120.9	44.37	130.7	49.34	138.8	53.92	145.5	57.47
	46	72.60	27.10	91.80	34.77	112.3	44.37	120.9	48.94	130.7	54.56	134.5	57.01	134.4	57.01
	48	72.60	28.91	91.80	37.05	112.3	47.36	120.6	52.11	122.4	53.28	122.4	53.24	122.3	53.22
	50	72.60	30.82	91.80	39.50	110.9	49.83	110.9	49.88	110.9	49.88	111.0	49.84	110.7	49.82
	52	72.60	32.86	91.80	42.11	98.20	44.45	98.60	43.93	98.90	43.36	99.10	42.85	99.50	42.45
70	10	63.70	6.23	80.20	8.24	98.30	10.02	105.8	10.75	114.2	11.62	121.5	12.47	127.2	13.20
	12	63.70	8.23	80.20	9.29	98.30	10.84	105.8	11.64	114.2	12.65	121.5	13.62	127.2	14.46
	14	63.70	8.61	80.20	9.89	98.30	11.70	105.8	12.63	114.2	13.80	121.5	14.90	127.2	15.86
	16	63.70	9.07	80.20	10.56	98.30	12.68	105.8	13.75	114.2	15.08	121.5	16.33	127.2	17.40
	18	63.70	9.58	80.20	11.34	98.30	13.78	105.8	15.00	114.2	16.51	121.5	17.92	127.2	19.11
	20	63.70	10.17	80.20	12.22	98.30	15.00	105.8	16.38	114.2	18.07	121.5	19.66	127.2	21.01
	21	63.70	10.49	80.20	12.70	98.30	15.66	105.8	17.12	114.2	18.94	121.5	20.61	127.2	22.01
	23	63.70	11.22	80.20	13.74	98.30	17.10	105.8	18.76	114.2	20.77	121.5	22.64	127.2	24.19
	25	63.70	12.02	80.20	14.91	98.30	18.71	105.8	20.53	114.2	22.79	121.5	24.87	127.2	26.58
	27	63.70	12.95	80.20	16.21	98.30	20.46	105.8	22.45	114.2	24.77	121.5	26.85	127.2	28.56
	29	63.70	14.01	80.20	17.62	98.30	22.01	105.8	24.06	114.2	26.48	121.5	28.69	127.2	30.49
	31	63.70	15.04	80.20	18.77	98.30	23.43	105.8	25.61	114.2	28.22	121.5	30.55	127.2	32.47
	33	63.70	15.93	80.20	19.96	98.30	24.94	105.8	27.27	114.2	30.03	121.5	32.53	127.2	34.57
	35	63.70	16.90	80.20	21.22	98.30	26.57	105.8	29.04	114.2	31.98	121.5	34.63	127.2	36.82
	37	63.70	17.96	80.20	22.57	98.30	28.28	105.8	30.93	114.2	34.08	121.5	36.89	127.2	39.22
	39	63.70	19.09	80.20	24.04	98.30	30.14	105.8	32.95	114.2	36.29	121.5	39.31	127.2	41.80
	41	63.70	20.32	80.20	25.62	98.30	32.09	105.8	35.11	114.2	38.68	121.5	41.91	127.2	44.56

24. ARUM540LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	63.70	21.66	80.20	27.30	98.30	34.20	105.8	37.40	114.2	41.22	121.5	44.68	127.2	47.54
	46	63.70	23.83	80.20	30.02	98.30	37.63	105.8	41.16	114.2	45.41	121.5	49.28	127.2	52.52
	48	63.70	25.43	80.20	32.01	98.30	40.11	105.8	43.90	114.2	48.48	121.0	52.40	122.6	53.32
	50	63.70	27.12	80.20	34.11	98.30	42.77	105.8	46.84	111.0	49.90	110.9	49.81	110.9	49.87
	52	63.70	28.93	80.20	36.36	97.60	45.25	97.90	44.76	98.40	44.20	98.70	43.65	98.90	43.26
60	10	54.50	4.98	68.80	6.92	84.20	8.57	90.70	9.19	98.00	9.98	104.2	10.59	109.1	11.07
	12	54.50	7.14	68.80	8.54	84.20	9.58	90.70	10.12	98.00	10.81	104.2	11.45	109.1	12.01
	14	54.50	7.86	68.80	8.98	84.20	10.23	90.70	10.87	98.00	11.67	104.2	12.42	109.1	13.05
	16	54.50	8.22	68.80	9.49	84.20	10.98	90.70	11.73	98.00	12.63	104.2	13.51	109.1	14.23
	18	54.50	8.65	68.80	10.09	84.20	11.81	90.70	12.67	98.00	13.73	104.2	14.73	109.1	15.55
	20	54.50	9.12	68.80	10.76	84.20	12.77	90.70	13.75	98.00	14.95	104.2	16.06	109.1	17.01
	21	54.50	9.39	68.80	11.13	84.20	13.28	90.70	14.32	98.00	15.61	104.2	16.80	109.1	17.80
	23	54.50	9.97	68.80	11.94	84.20	14.40	90.70	15.59	98.00	17.04	104.2	18.39	109.1	19.50
	25	54.50	10.64	68.80	12.87	84.20	15.67	90.70	17.00	98.00	18.63	104.2	20.13	109.1	21.37
	27	54.50	11.40	68.80	13.90	84.20	17.08	90.70	18.58	98.00	20.40	104.2	22.04	109.1	23.31
	29	54.50	12.27	68.80	15.07	84.20	18.52	90.70	20.08	98.00	21.95	104.2	23.63	109.1	24.96
	31	54.50	13.21	68.80	16.15	84.20	19.73	90.70	21.40	98.00	23.38	104.2	25.14	109.1	26.57
	33	54.50	13.98	68.80	17.13	84.20	20.97	90.70	22.76	98.00	24.88	104.2	26.77	109.1	28.31
	35	54.50	14.80	68.80	18.19	84.20	22.32	90.70	24.23	98.00	26.49	104.2	28.51	109.1	30.15
	37	54.50	15.69	68.80	19.32	84.20	23.76	90.70	25.79	98.00	28.20	104.2	30.35	109.1	32.10
	39	54.50	16.67	68.80	20.58	84.20	25.31	90.70	27.47	98.00	30.04	104.2	32.34	109.1	34.20
	41	54.50	17.74	68.80	21.90	84.20	26.97	90.70	29.28	98.00	32.01	104.2	34.45	109.1	36.44
	43	54.50	18.89	68.80	23.34	84.20	28.73	90.70	31.19	98.00	34.09	104.2	36.71	109.1	38.83
	46	54.50	20.80	68.80	25.69	84.20	31.61	90.70	34.30	98.00	37.51	104.2	40.39	109.1	42.75
	48	54.50	22.19	68.80	27.39	84.20	33.68	90.70	36.55	98.00	39.98	104.2	43.06	109.1	45.61
	50	54.50	23.67	68.80	29.22	84.20	35.89	90.70	38.97	98.00	42.64	104.2	45.96	108.6	48.43
	52	54.50	25.29	68.80	31.16	84.20	38.25	90.70	41.55	97.40	45.15	98.00	44.81	98.20	44.41
50	10	45.40	3.89	57.30	5.34	70.20	7.12	75.60	7.87	81.60	8.35	86.90	8.82	91.00	9.20
	12	45.40	5.95	57.30	7.49	70.20	8.62	75.60	8.97	81.60	9.40	86.90	9.80	91.00	10.14
	14	45.40	7.09	57.30	8.10	70.20	9.08	75.60	9.49	81.60	10.02	86.90	10.49	91.00	10.90
	16	45.40	7.38	57.30	8.49	70.20	9.60	75.60	10.10	81.60	10.71	86.90	11.27	91.00	11.75
	18	45.40	7.70	57.30	8.92	70.20	10.22	75.60	10.80	81.60	11.50	86.90	12.16	91.00	12.69
	20	45.40	8.08	57.30	9.45	70.20	10.92	75.60	11.58	81.60	12.40	86.90	13.15	91.00	13.78
	21	45.40	8.29	57.30	9.72	70.20	11.29	75.60	12.01	81.60	12.88	86.90	13.68	91.00	14.37
	23	45.40	8.76	57.30	10.36	70.20	12.14	75.60	12.97	81.60	13.95	86.90	14.88	91.00	15.64
	25	45.40	9.29	57.30	11.07	70.20	13.08	75.60	14.03	81.60	15.17	86.90	16.20	91.00	17.05
	27	45.40	9.90	57.30	11.89	70.20	14.17	75.60	15.23	81.60	16.50	86.90	17.66	91.00	18.61
	29	45.40	10.59	57.30	12.82	70.20	15.36	75.60	16.55	81.60	17.92	86.90	19.14	91.00	20.11
	31	45.40	11.36	57.30	13.79	70.20	16.45	75.60	17.67	81.60	19.11	86.90	20.39	91.00	21.44
	33	45.40	12.05	57.30	14.59	70.20	17.45	75.60	18.76	81.60	20.30	86.90	21.69	91.00	22.81
	35	45.40	12.72	57.30	15.44	70.20	18.53	75.60	19.94	81.60	21.60	86.90	23.09	91.00	24.28
	37	45.40	13.43	57.30	16.38	70.20	19.69	75.60	21.21	81.60	22.99	86.90	24.56	91.00	25.86
	39	45.40	14.25	57.30	17.41	70.20	20.96	75.60	22.58	81.60	24.49	86.90	26.17	91.00	27.55
	41	45.40	15.14	57.30	18.51	70.20	22.32	75.60	24.05	81.60	26.07	86.90	27.88	91.00	29.34
	43	45.40	16.11	57.30	19.72	70.20	23.79	75.60	25.62	81.60	27.80	86.90	29.71	91.00	31.25
	46	45.40	17.76	57.30	21.73	70.20	26.20	75.60	28.21	81.60	30.58	86.90	32.68	91.00	34.38
	48	45.40	19.00	57.30	23.17	70.20	27.92	75.60	30.07	81.60	32.57	86.90	34.83	91.00	36.64
	50	45.40	20.36	57.30	24.73	70.20	29.78	75.60	32.04	81.60	34.72	86.90	37.11	91.00	39.05
	52	45.40	21.84	57.30	26.40	70.20	31.74	75.60	34.16	81.60	37.03	86.90	39.56	91.00	41.65

24. ARUM540LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

24. ARUM540LTE6

24.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	32.10	2.15	51.60	3.44	73.10	4.92	78.30	5.30	83.40	5.68	88.80	6.09	94.50	6.60
	12	32.10	2.15	51.60	3.44	73.10	4.96	78.30	5.34	83.40	5.73	88.80	6.14	94.50	6.69
	14	32.10	2.15	51.60	3.46	73.10	5.03	78.30	5.42	83.40	5.82	88.80	6.26	94.50	6.83
	16	32.10	2.15	51.60	3.51	73.10	5.15	78.30	5.56	83.40	5.99	88.80	6.47	94.50	7.14
	18	32.10	2.17	51.60	3.60	73.10	5.39	78.30	5.87	83.40	6.37	88.80	6.94	94.50	7.79
	20	32.10	2.24	51.60	3.81	73.10	6.03	78.30	6.66	83.40	7.33	88.80	8.10	94.50	9.40
	21	36.40	2.79	55.60	4.79	77.00	8.04	82.10	8.59	87.20	9.20	92.30	9.84	97.50	10.90
	23	44.80	6.79	64.00	8.35	85.10	10.56	89.90	11.13	94.80	11.75	99.10	12.33	103.9	13.27
	25	53.70	8.32	72.30	10.28	93.40	13.13	97.80	13.83	102.6	14.59	106.1	15.21	110.4	16.32
	27	62.60	10.42	81.00	12.86	101.8	16.52	106.1	17.38	110.5	18.24	113.4	18.82	123.4	21.43
	29	71.80	13.26	89.70	16.17	110.4	20.40	114.5	21.30	118.8	22.28	125.8	24.00	145.8	30.10
	31	81.30	16.62	98.80	19.98	119.3	24.99	123.1	25.99	133.7	28.98	149.0	33.66	168.5	41.56
	33	91.00	20.73	108.0	24.65	128.3	30.63	141.2	34.86	157.2	40.64	172.0	46.55	190.9	55.98
	35	101.0	25.94	117.7	30.48	150.6	42.58	164.7	48.71	180.6	55.70	194.9	62.05	213.5	70.27
	37	101.0	27.65	117.7	32.50	150.6	45.41	164.7	51.86	180.6	59.45	194.9	65.78	200.9	69.23
	39	101.0	29.46	117.7	34.63	150.6	48.46	164.7	55.31	180.6	63.59	188.2	66.83	185.9	67.28
	41	101.0	31.40	117.7	36.92	150.6	51.77	164.7	59.09	173.6	63.69	173.6	63.70	171.3	64.40
	43	101.0	33.48	117.7	39.36	150.6	55.38	159.5	60.07	159.2	60.02	159.2	60.02	157.5	60.82
	46	101.0	36.84	117.7	43.34	139.5	54.73	139.5	54.75	139.3	54.67	139.4	54.70	137.5	55.33
	48	101.0	39.28	117.7	46.26	126.9	51.17	127.1	51.30	127.1	51.31	126.6	51.12	125.2	51.77
	50	101.0	41.88	115.1	47.99	114.9	47.94	114.8	47.98	114.9	47.95	114.6	47.87	113.3	48.49
	52	99.00	43.48	100.4	41.37	101.6	39.80	101.7	39.48	102.1	39.15	102.4	38.86	102.2	39.12
120	10	29.70	1.99	47.50	3.17	67.50	4.53	72.10	4.86	77.00	5.21	82.10	5.57	87.20	6.01
	12	29.70	1.99	47.50	3.17	67.50	4.56	72.10	4.90	77.00	5.24	82.10	5.62	87.20	6.08
	14	29.70	1.99	47.50	3.19	67.50	4.60	72.10	4.95	77.00	5.33	82.10	5.71	87.20	6.20
	16	29.70	1.99	47.50	3.21	67.50	4.70	72.10	5.07	77.00	5.45	82.10	5.88	87.20	6.43
	18	29.70	2.01	47.50	3.28	67.50	4.89	72.10	5.31	77.00	5.76	82.10	6.24	87.20	6.96
	20	29.70	2.05	47.50	3.45	67.50	5.39	72.10	5.93	77.00	6.50	82.10	7.14	87.20	8.32
	21	33.50	2.51	51.30	4.26	71.00	7.09	75.80	7.91	80.50	8.42	85.10	8.94	90.10	9.97
	23	41.60	6.50	58.90	7.89	78.60	9.82	82.90	10.30	87.50	10.84	91.50	11.34	95.90	12.15
	25	49.60	7.90	66.70	9.62	86.10	12.08	90.40	12.69	94.70	13.34	98.00	13.86	101.8	14.83
	27	57.80	9.77	74.80	11.91	94.00	15.06	98.00	15.79	102.0	16.57	104.8	17.12	113.9	19.38
	29	66.40	12.31	82.90	14.90	101.8	18.59	105.6	19.37	109.6	20.21	116.3	21.72	134.7	26.95
	31	75.10	15.39	91.20	18.31	110.1	22.63	113.6	23.51	123.4	26.08	137.5	30.10	155.5	36.85
	33	84.00	19.03	99.90	22.45	118.5	27.62	130.4	31.27	145.2	36.21	158.7	41.22	176.3	49.64
	35	93.20	23.65	108.6	27.60	139.0	38.01	152.0	43.24	166.8	49.53	179.8	55.32	197.1	64.07
	37	93.20	25.21	108.6	29.41	139.0	40.53	152.0	46.12	166.8	52.78	179.8	59.01	197.1	67.95
	39	93.20	26.86	108.6	31.35	139.0	43.21	152.0	49.22	166.8	56.29	179.8	63.12	185.9	67.25
	41	93.20	28.62	108.6	33.43	139.0	46.10	152.0	52.59	166.8	60.14	173.5	63.65	171.3	64.41
	43	93.20	30.51	108.6	35.63	139.0	49.21	152.0	56.20	159.5	60.06	159.5	60.06	157.5	60.74
	46	93.20	33.60	108.6	39.21	138.9	54.33	139.4	54.70	139.3	54.69	139.2	54.67	137.5	55.36
	48	93.20	35.81	108.6	41.81	126.8	51.21	126.8	51.21	126.9	51.20	126.6	51.11	125.2	51.82
	50	93.20	38.17	108.6	44.60	114.9	47.94	114.9	47.93	115.1	48.01	114.9	47.93	113.5	48.50
	52	93.20	40.72	100.0	41.99	101.2	40.43	101.4	40.11	101.5	39.79	101.8	39.55	101.6	39.89
110	10	27.30	1.80	43.70	2.90	61.80	4.13	66.20	4.43	70.50	4.75	75.10	5.08	79.90	5.46
	12	27.30	1.80	43.70	2.90	61.80	4.16	66.20	4.47	70.50	4.77	75.10	5.10	79.90	5.53
	14	27.30	1.80	43.70	2.92	61.80	4.20	66.20	4.50	70.50	4.84	75.10	5.17	79.90	5.60
	16	27.30	1.82	43.70	2.94	61.80	4.27	66.20	4.59	70.50	4.94	75.10	5.31	79.90	5.79
	18	27.30	1.82	43.70	2.99	61.80	4.41	66.20	4.78	70.50	5.17	75.10	5.58	79.90	6.19

24. ARUM540LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	27.30	1.85	43.70	3.11	61.80	4.79	66.20	5.26	70.50	5.74	75.10	6.29	79.90	7.23
	21	30.80	2.25	47.00	3.77	65.10	6.13	69.40	6.81	73.70	7.57	78.00	8.14	82.60	8.98
	23	38.10	6.23	54.00	7.46	72.10	9.14	76.10	9.56	80.20	10.01	83.90	10.40	88.00	11.13
	25	45.40	7.47	61.30	8.99	78.90	11.12	82.90	11.62	86.70	12.17	89.90	12.61	93.40	13.44
	27	52.90	9.14	68.50	11.02	86.10	13.70	89.70	14.32	93.40	14.98	96.10	15.45	104.5	17.47
	29	60.80	11.40	75.90	13.68	93.40	16.89	96.90	17.56	100.4	18.29	106.6	19.58	123.4	24.03
	31	68.80	14.22	83.70	16.72	101.0	20.46	104.2	21.20	113.1	23.40	126.1	26.81	142.6	32.52
	33	77.00	17.44	91.50	20.36	108.6	24.81	119.6	27.91	133.1	32.11	145.5	36.34	161.5	43.59
	35	85.30	21.50	99.60	24.89	127.4	33.79	139.4	38.20	152.8	43.56	164.9	48.71	180.6	57.27
	37	85.30	22.90	99.60	26.52	127.4	36.02	139.4	40.72	152.8	46.47	164.9	51.89	180.6	61.16
	39	85.30	24.40	99.60	28.28	127.4	38.38	139.4	43.42	152.8	49.59	164.9	55.33	180.6	65.15
	41	85.30	26.02	99.60	30.15	127.4	40.93	139.4	46.32	152.8	52.99	164.9	59.11	171.6	64.43
	43	85.30	27.73	99.60	32.14	127.4	43.64	139.4	49.47	152.8	56.59	159.4	60.05	157.5	60.75
	46	85.30	30.53	99.60	35.37	127.4	48.12	139.1	54.54	139.4	54.73	139.5	54.72	137.6	55.38
	48	85.30	32.55	99.60	37.70	126.7	51.03	126.8	51.12	126.8	51.19	126.9	51.16	125.2	51.74
	50	85.30	34.70	99.60	40.17	115.1	47.98	115.1	47.98	114.9	47.97	114.9	47.92	113.4	48.48
	52	85.30	37.00	99.60	42.80	100.5	41.18	100.8	40.89	101.0	40.56	100.6	40.27	101.1	40.31
100	10	24.80	1.64	39.70	2.63	56.20	3.76	60.20	4.03	64.20	4.29	68.30	4.59	72.60	4.94
	12	24.80	1.64	39.70	2.63	56.20	3.76	60.20	4.05	64.20	4.32	68.30	4.61	72.60	4.99
	14	24.80	1.64	39.70	2.63	56.20	3.80	60.20	4.07	64.20	4.36	68.30	4.66	72.60	5.04
	16	24.80	1.64	39.70	2.65	56.20	3.85	60.20	4.14	64.20	4.43	68.30	4.75	72.60	5.18
	18	24.80	1.66	39.70	2.70	56.20	3.95	60.20	4.28	64.20	4.60	68.30	4.96	72.60	5.46
	20	24.80	1.68	39.70	2.79	56.20	4.25	60.20	4.64	64.20	5.03	68.30	5.49	72.60	6.25
	21	28.10	2.01	42.90	3.31	59.40	5.27	63.20	5.83	67.00	6.43	71.00	7.07	75.10	8.10
	23	34.60	5.94	49.10	7.02	65.40	8.49	69.10	8.85	72.90	9.22	76.20	9.59	79.90	10.17
	25	41.30	7.06	55.60	8.39	71.80	10.20	75.30	10.64	78.90	11.09	81.80	11.46	84.80	12.17
	27	48.10	8.54	62.30	10.16	78.30	12.44	81.50	12.96	85.00	13.53	87.20	13.90	94.80	15.59
	29	55.30	10.54	69.10	12.50	84.80	15.28	88.00	15.84	91.30	16.48	96.90	17.56	112.3	21.34
	31	62.60	13.07	76.10	15.23	91.80	18.41	94.50	19.03	102.9	20.91	114.5	23.77	129.6	28.57
	33	69.90	15.92	83.20	18.42	98.80	22.18	108.6	24.81	121.0	28.33	132.3	31.87	146.9	37.91
	35	77.70	19.46	90.50	22.35	115.8	29.87	126.7	33.58	139.0	38.02	149.9	42.32	164.2	49.80
	37	77.70	20.72	90.50	23.82	115.8	31.84	126.7	35.78	139.0	40.53	149.9	45.12	164.2	53.06
	39	77.70	22.08	90.50	25.37	115.8	33.94	126.7	38.15	139.0	43.22	149.9	48.14	164.2	56.59
	41	77.70	23.53	90.50	27.05	115.8	36.18	126.7	40.67	139.0	46.11	149.9	51.43	164.2	60.48
	43	77.70	25.10	90.50	28.86	115.8	38.57	126.7	43.37	139.0	49.24	149.9	55.00	157.7	60.86
	46	77.70	27.64	90.50	31.76	115.8	42.46	126.7	47.81	138.9	54.37	139.5	54.75	137.6	55.33
	48	77.70	29.47	90.50	33.86	115.8	45.30	126.1	50.76	126.8	51.17	126.7	51.14	125.2	51.75
	50	77.70	31.43	90.50	36.09	114.7	47.79	115.1	47.98	114.9	47.95	115.1	48.01	113.2	48.42
	52	77.70	33.52	90.50	38.47	99.80	42.09	100.4	41.61	100.6	41.11	100.9	40.62	100.8	40.74
90	10	22.40	1.48	35.70	2.36	50.50	3.36	54.20	3.62	57.80	3.86	61.50	4.11	65.40	4.43
	12	22.40	1.48	35.70	2.36	50.50	3.38	54.20	3.62	57.80	3.87	61.50	4.13	65.40	4.45
	14	22.40	1.48	35.70	2.36	50.50	3.40	54.20	3.65	57.80	3.91	61.50	4.18	65.40	4.50
	16	22.40	1.48	35.70	2.39	50.50	3.43	54.20	3.69	57.80	3.96	61.50	4.24	65.40	4.59
	18	22.40	1.48	35.70	2.41	50.50	3.52	54.20	3.79	57.80	4.07	61.50	4.39	65.40	4.80
	20	22.40	1.50	35.70	2.48	50.50	3.71	54.20	4.04	57.80	4.38	61.50	4.77	65.40	5.37
	21	25.10	1.76	38.60	2.88	53.40	4.49	56.70	4.95	60.20	5.43	63.80	5.93	67.50	7.09
	23	31.10	5.46	44.30	6.63	58.90	7.89	62.10	8.20	65.60	8.51	68.60	8.80	71.80	9.32
	25	37.20	6.66	50.00	7.81	64.50	9.36	67.80	9.73	71.00	10.12	73.50	10.43	76.40	11.01
	27	43.40	7.96	55.90	9.35	70.50	11.29	73.40	11.73	76.40	12.18	78.60	12.49	85.30	13.91
	29	49.70	9.70	62.10	11.38	76.40	13.78	79.10	14.28	82.10	14.79	87.20	15.70	101.0	18.85
	31	56.20	11.95	68.30	13.84	82.60	16.51	85.10	17.04	92.60	18.58	103.1	20.96	116.6	24.94

24. ARUM540LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	62.90	14.50	74.80	16.58	88.80	19.74	97.80	21.94	108.8	24.86	119.1	27.77	132.3	32.74
	35	69.90	17.56	81.50	19.98	104.2	26.25	114.2	29.32	125.0	32.99	135.0	36.48	147.7	42.70
	37	69.90	18.67	81.50	21.27	104.2	27.98	114.2	31.26	125.0	35.15	135.0	38.90	147.7	45.54
	39	69.90	19.88	81.50	22.67	104.2	29.82	114.2	33.31	125.0	37.48	135.0	41.47	147.7	48.59
	41	69.90	21.19	81.50	24.16	104.2	31.79	114.2	35.51	125.0	39.96	135.0	44.23	147.7	51.91
	43	69.90	22.61	81.50	25.78	104.2	33.89	114.2	37.85	125.0	42.61	135.0	47.20	147.7	55.47
	46	69.90	24.91	81.50	28.38	104.2	37.30	114.2	41.67	125.0	46.96	135.0	52.12	137.7	55.39
	48	69.90	26.58	81.50	30.26	104.2	39.77	114.2	44.45	124.9	50.09	126.8	51.17	125.4	51.83
	50	69.90	28.35	81.50	32.27	104.2	42.40	113.5	47.10	114.9	47.93	114.9	47.97	113.4	48.52
	52	69.90	30.24	81.50	34.41	99.60	42.57	100.0	42.07	100.4	41.57	100.5	41.06	100.6	41.18
80	10	19.70	1.32	31.80	2.10	45.10	2.98	48.10	3.20	51.30	3.41	54.60	3.65	58.10	3.92
	12	19.70	1.32	31.80	2.10	45.10	2.98	48.10	3.22	51.30	3.43	54.60	3.65	58.10	3.94
	14	19.70	1.32	31.80	2.10	45.10	3.00	48.10	3.22	51.30	3.46	54.60	3.67	58.10	3.96
	16	19.70	1.31	31.80	2.10	45.10	3.03	48.10	3.26	51.30	3.48	54.60	3.72	58.10	4.03
	18	19.70	1.31	31.80	2.12	45.10	3.07	48.10	3.31	51.30	3.57	54.60	3.84	58.10	4.18
	20	19.70	1.31	31.80	2.16	45.10	3.22	48.10	3.50	51.30	3.79	54.60	4.10	58.10	4.58
	21	22.40	1.54	34.30	2.49	47.50	3.80	50.50	4.16	53.70	4.54	56.70	4.92	60.00	5.81
	23	27.60	4.89	39.40	6.10	52.40	7.31	55.30	7.57	58.30	7.83	61.00	8.07	64.00	8.51
	25	33.00	6.26	44.50	7.26	57.50	8.58	60.20	8.89	63.20	9.20	65.30	9.46	68.00	9.94
	27	38.60	7.40	49.70	8.59	62.60	10.21	65.30	10.57	68.00	10.94	69.90	11.20	75.90	12.36
	29	44.30	8.91	55.30	10.33	68.00	12.32	70.50	12.73	73.10	13.18	77.50	13.97	89.90	16.56
	31	50.00	10.87	60.80	12.48	73.40	14.75	75.60	15.18	82.30	16.45	91.80	18.39	103.7	21.63
	33	55.90	13.11	66.40	14.88	79.10	17.49	86.90	19.29	96.70	21.68	105.8	24.04	117.5	28.05
	35	62.10	15.78	72.40	17.77	92.60	22.93	101.5	25.42	111.2	28.39	119.9	31.22	131.3	36.21
	37	62.10	16.76	72.40	18.91	92.60	24.43	101.5	27.10	111.2	30.26	119.9	33.27	131.3	38.58
	39	62.10	17.83	72.40	20.14	92.60	26.03	101.5	28.89	111.2	32.26	119.9	35.48	131.3	41.14
	41	62.10	19.01	72.40	21.48	92.60	27.76	101.5	30.78	111.2	34.38	119.9	37.81	131.3	43.88
	43	62.10	20.27	72.40	22.89	92.60	29.60	101.5	32.83	111.2	36.66	119.9	40.31	131.3	46.81
	46	62.10	22.33	72.40	25.22	92.60	32.58	101.5	36.11	111.2	40.34	119.9	44.39	131.3	51.72
	48	62.10	23.82	72.40	26.92	92.60	34.73	101.5	38.50	111.2	43.03	119.9	47.40	125.4	51.84
	50	62.10	25.44	72.40	28.72	92.60	37.02	101.5	41.05	111.2	45.90	114.9	47.96	113.5	48.47
	52	62.10	27.16	72.40	30.62	92.60	39.46	99.60	42.70	100.0	42.16	100.2	41.65	100.2	41.78
70	10	17.30	1.15	27.80	1.83	39.40	2.61	42.10	2.79	44.80	2.98	47.80	3.17	50.80	3.41
	12	17.30	1.15	27.80	1.83	39.40	2.61	42.10	2.79	44.80	2.98	47.80	3.19	50.80	3.43
	14	17.30	1.15	27.80	1.83	39.40	2.63	42.10	2.81	44.80	3.00	47.80	3.19	50.80	3.45
	16	17.30	1.15	27.80	1.83	39.40	2.63	42.10	2.82	44.80	3.03	47.80	3.24	50.80	3.48
	18	17.30	1.15	27.80	1.85	39.40	2.67	42.10	2.86	44.80	3.07	47.80	3.29	50.80	3.59
	20	17.30	1.15	27.80	1.87	39.40	2.77	42.10	2.98	44.80	3.21	47.80	3.47	50.80	3.83
	21	19.70	1.33	30.00	2.12	41.60	3.16	44.30	3.44	47.00	3.75	49.70	4.06	52.60	4.68
	23	24.30	4.23	34.30	5.36	45.90	6.76	48.30	6.97	51.00	7.20	53.40	7.39	55.90	7.76
	25	28.90	5.89	38.90	6.71	50.20	7.82	52.70	8.08	55.30	8.34	57.20	8.55	59.40	8.97
	27	33.70	6.85	43.50	7.85	54.80	9.19	57.00	9.50	59.40	9.81	61.00	10.00	66.40	10.95
	29	38.60	8.13	48.30	9.31	59.40	10.96	61.60	11.30	64.00	11.66	67.80	12.29	78.60	14.47
	31	43.70	9.81	53.20	11.21	64.20	13.09	66.20	13.46	72.10	14.49	80.20	16.05	90.70	18.63
	33	48.90	11.75	58.30	13.27	69.10	15.41	76.10	16.85	84.70	18.76	92.60	20.62	102.9	23.84
	35	54.30	14.06	63.40	15.72	81.00	19.87	88.80	21.87	97.20	24.23	105.0	26.46	115.0	30.39
	37	54.30	14.93	63.40	16.70	81.00	21.16	88.80	23.29	97.20	25.83	105.0	28.20	115.0	32.39
	39	54.30	15.87	63.40	17.78	81.00	22.56	88.80	24.84	97.20	27.52	105.0	30.06	115.0	34.52
	41	54.30	16.91	63.40	18.95	81.00	24.05	88.80	26.47	97.20	29.35	105.0	32.05	115.0	36.80
	43	54.30	18.06	63.40	20.21	81.00	25.63	88.80	28.22	97.20	31.29	105.0	34.15	115.0	39.24
	46	54.30	19.89	63.40	22.27	81.00	28.24	88.80	31.08	97.20	34.42	105.0	37.59	115.0	43.22

24. ARUM540LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	54.30	21.24	63.40	23.76	81.00	30.10	88.80	33.12	97.20	36.70	105.0	40.08	115.0	46.12
	50	54.30	22.68	63.40	25.38	81.00	32.11	88.80	35.32	97.20	39.11	105.0	42.74	113.5	48.51
	52	54.30	24.24	63.40	27.07	81.00	34.23	88.80	37.65	97.20	41.71	99.80	42.47	99.60	42.56
60	10	14.90	0.99	23.80	1.56	33.70	2.23	36.20	2.39	38.60	2.55	41.00	2.71	43.50	2.93
	12	14.90	0.99	23.80	1.56	33.70	2.23	36.20	2.39	38.60	2.55	41.00	2.71	43.50	2.93
	14	14.90	0.97	23.80	1.56	33.70	2.23	36.20	2.39	38.60	2.55	41.00	2.74	43.50	2.93
	16	14.90	0.97	23.80	1.56	33.70	2.25	36.20	2.41	38.60	2.57	41.00	2.74	43.50	2.95
	18	14.90	0.97	23.80	1.58	33.70	2.25	36.20	2.43	38.60	2.60	41.00	2.78	43.50	3.02
	20	14.90	0.97	23.80	1.58	33.70	2.32	36.20	2.50	38.60	2.69	41.00	2.90	43.50	3.18
	21	16.80	1.12	25.70	1.76	35.60	2.59	37.80	2.82	40.20	3.05	42.60	3.29	45.10	3.72
	23	20.80	3.00	29.40	4.48	39.20	6.09	41.60	6.41	43.70	6.58	45.70	6.76	48.00	7.05
	25	25.60	5.62	33.40	6.21	43.20	7.11	45.10	7.32	47.30	7.53	49.10	7.71	51.00	8.03
	27	28.90	6.34	37.30	7.14	47.00	8.25	48.90	8.48	51.00	8.74	52.40	8.90	57.00	9.66
	29	33.20	7.41	41.30	8.36	51.00	9.70	52.90	9.96	54.80	10.25	58.10	10.77	67.30	12.50
	31	37.50	8.79	45.60	9.92	55.10	11.50	56.70	11.79	61.60	12.64	68.80	13.90	77.80	15.92
	33	41.90	10.46	49.90	11.70	59.20	13.45	65.10	14.64	72.60	16.10	79.40	17.56	88.00	20.04
	35	46.70	12.37	54.30	13.75	69.40	17.08	76.10	18.63	83.40	20.46	89.90	22.19	98.50	25.22
	37	46.70	13.11	54.30	14.59	69.40	18.16	76.10	19.84	83.40	21.80	89.90	23.64	98.50	26.88
	39	46.70	13.90	54.30	15.51	69.40	19.35	76.10	21.13	83.40	23.22	89.90	25.19	98.50	28.64
	41	46.70	14.77	54.30	16.53	69.40	20.63	76.10	22.54	83.40	24.77	89.90	26.86	98.50	30.53
	43	46.70	15.72	54.30	17.65	69.40	21.99	76.10	24.03	83.40	26.42	89.90	28.64	98.50	32.55
	46	46.70	17.34	54.30	19.49	69.40	24.24	76.10	26.47	83.40	29.09	89.90	31.53	98.50	35.81
	48	46.70	18.56	54.30	20.82	69.40	25.86	76.10	28.24	83.40	31.00	89.90	33.60	98.50	38.17
	50	46.70	19.88	54.30	22.25	69.40	27.60	76.10	30.12	83.40	33.06	89.90	35.82	98.50	40.71
	52	46.70	21.34	54.30	23.76	69.40	29.45	76.10	32.11	83.40	35.24	89.90	38.18	98.40	43.37
50	10	12.40	0.91	19.90	1.31	28.10	1.86	30.00	1.99	32.10	2.12	34.30	2.26	36.40	2.42
	12	12.40	0.91	19.90	1.31	28.10	1.85	30.00	1.99	32.10	2.12	34.30	2.26	36.40	2.42
	14	12.40	0.91	19.90	1.31	28.10	1.85	30.00	1.99	32.10	2.12	34.30	2.26	36.40	2.44
	16	12.40	0.91	19.90	1.29	28.10	1.85	30.00	1.99	32.10	2.12	34.30	2.28	36.40	2.44
	18	12.40	0.91	19.90	1.31	28.10	1.87	30.00	2.01	32.10	2.14	34.30	2.30	36.40	2.48
	20	12.40	0.91	19.90	1.31	28.10	1.90	30.00	2.03	32.10	2.19	34.30	2.35	36.40	2.56
	21	14.00	0.91	21.30	1.44	29.70	2.09	31.60	2.25	33.50	2.41	35.40	2.59	37.50	2.89
	23	17.30	2.05	24.60	3.05	32.70	5.13	34.60	5.37	36.40	5.65	38.10	5.91	40.00	6.37
	25	23.80	5.58	27.80	5.73	35.90	6.45	37.60	6.60	39.40	6.77	40.80	6.90	42.40	7.16
	27	24.40	5.90	31.10	6.48	39.10	7.35	40.80	7.53	42.40	7.72	43.70	7.85	47.50	8.46
	29	27.60	6.69	34.50	7.46	42.40	8.49	44.00	8.72	45.60	8.94	48.40	9.33	56.20	10.67
	31	31.30	7.81	38.10	8.71	45.90	9.97	47.30	10.21	51.30	10.89	57.30	11.90	64.80	13.49
	33	35.10	9.21	41.60	10.19	49.40	11.59	54.30	12.51	60.50	13.69	66.10	14.80	73.40	16.66
	35	38.90	10.75	45.30	11.86	57.80	14.53	63.40	15.72	69.40	17.08	75.00	18.36	82.10	20.60
	37	38.90	11.34	45.30	12.53	57.80	15.45	63.40	16.70	69.40	18.18	75.00	19.54	82.10	21.95
	39	38.90	11.98	45.30	13.27	57.80	16.44	63.40	17.78	69.40	19.37	75.00	20.83	82.10	23.39
	41	38.90	12.69	45.30	14.12	57.80	17.49	63.40	18.95	69.40	20.63	75.00	22.20	82.10	24.94
	43	38.90	13.47	45.30	15.03	57.80	18.67	63.40	20.21	69.40	21.99	75.00	23.66	82.10	26.59
	46	38.90	14.80	45.30	16.55	57.80	20.57	63.40	22.27	69.40	24.24	75.00	26.07	82.10	29.28
	48	38.90	15.81	45.30	17.70	57.80	21.96	63.40	23.76	69.40	25.88	75.00	27.82	82.10	31.22
	50	38.90	16.90	45.30	18.95	57.80	23.47	63.40	25.38	69.40	27.61	75.00	29.67	82.10	33.29
	52	38.90	18.10	45.30	20.32	57.80	25.06	63.40	27.10	69.40	29.46	75.00	31.65	82.10	35.49

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

24. ARUM540LTE6

24.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	101.3	47.07	100.5	47.47	99.70	47.87	99.40	48.06	99.10	48.27	98.30	48.65
	-24.8	-25	117.9	49.48	117.1	49.93	116.2	50.36	115.7	50.57	115.4	50.81	114.6	51.23
	-21.8	-22	128.3	50.87	127.4	51.34	126.5	51.80	126.0	52.04	125.7	52.25	124.7	52.71
	-19.8	-20	135.6	51.80	134.7	52.28	133.7	52.76	133.1	53.00	132.8	53.24	131.9	53.72
	-18.8	-19	139.4	52.26	138.3	52.76	137.4	53.26	136.9	53.50	136.4	53.74	135.5	54.20
	-16.7	-17	147.0	53.21	146.1	53.72	145.1	54.23	144.5	54.49	144.2	54.73	143.1	55.21
	-15	-15.9	151.9	53.75	150.8	54.28	149.7	54.81	149.2	55.06	148.6	55.32	147.7	55.81
	-13.7	-15	156.0	54.25	154.9	54.79	154.0	55.32	153.4	55.59	152.9	55.85	152.0	56.36
	-11.8	-13	163.9	55.16	162.8	55.72	161.7	56.26	161.1	56.53	160.6	56.79	159.5	57.32
	-9.8	-11	172.8	56.14	171.5	56.70	170.3	57.26	169.7	57.53	169.2	57.80	168.1	58.33
	-9.5	-10	176.9	56.59	175.8	57.16	174.6	57.74	174.0	58.01	173.3	58.30	172.1	58.83
	-8.5	-9.1	181.2	57.04	179.9	57.63	178.7	58.19	178.1	58.48	177.5	58.75	176.2	59.31
	-7	-7.6	188.3	57.79	187.1	58.40	185.7	58.98	185.2	59.26	184.4	59.55	183.2	60.11
	-5	-5.6	198.3	58.82	196.9	59.43	195.5	60.02	194.9	60.32	194.1	60.61	192.7	61.19
	-3	-3.7	208.0	59.80	206.6	60.44	205.2	61.05	204.4	61.35	203.8	61.66	193.6	58.13
	0	-0.7	224.2	61.41	222.6	62.05	220.9	62.60	214.1	60.28	207.3	57.91	193.6	53.23
	3	2.2	240.4	62.96	234.9	62.00	221.1	57.52	214.1	55.34	207.3	53.17	193.6	48.94
	5	4.1	248.7	62.91	234.9	58.61	221.1	54.41	214.1	52.37	207.3	50.34	193.6	46.36
	7	6	248.7	59.41	234.9	55.36	221.1	51.43	214.1	49.50	207.3	47.59	193.6	43.86
	9	7.9	248.7	55.98	234.9	52.19	221.1	48.49	214.1	46.68	207.3	44.90	193.6	41.40
	11	9.8	248.7	52.69	234.9	49.15	221.1	45.70	214.1	44.00	207.3	42.35	193.6	39.08
	13	11.8	248.7	49.38	234.9	46.09	221.1	42.91	214.1	41.33	207.3	39.79	193.6	36.76
	15	13.7	248.7	46.41	234.9	43.36	221.1	40.38	214.1	38.93	207.3	37.48	193.6	34.66
120	-30	-30.2	100.8	47.29	100.0	47.69	99.40	48.09	99.10	48.27	98.60	48.46	98.00	48.86
	-24.8	-25	117.4	49.77	116.5	50.20	115.7	50.65	115.2	50.86	114.9	51.07	114.0	51.50
	-21.8	-22	127.7	51.21	126.8	51.67	125.8	52.12	125.4	52.36	124.9	52.57	124.1	53.02
	-19.8	-20	134.8	52.17	133.9	52.65	133.1	53.13	132.5	53.37	132.0	53.59	131.1	54.06
	-18.8	-19	138.6	52.65	137.7	53.14	136.6	53.64	136.1	53.88	135.7	54.09	134.7	54.57
	-16.7	-17	146.2	53.64	145.3	54.15	144.2	54.65	143.7	54.89	143.3	55.13	142.3	55.61
	-15	-15.9	150.8	54.21	149.9	54.74	148.9	55.24	148.3	55.49	147.8	55.75	146.9	56.23
	-13.7	-15	155.1	54.73	154.0	55.27	153.1	55.78	152.6	56.04	152.0	56.29	151.2	56.79
	-11.8	-13	163.0	55.67	161.9	56.23	160.8	56.76	160.3	57.01	159.7	57.27	158.6	57.78
	-9.8	-11	171.7	56.70	170.3	57.26	169.2	57.79	168.6	58.06	168.1	58.33	166.9	58.86
	-9.5	-10	175.8	57.18	174.6	57.74	173.3	58.30	172.7	58.57	172.1	58.83	171.0	59.36
	-8.5	-9.1	179.8	57.66	178.7	58.22	177.3	58.78	176.8	59.05	176.2	59.33	175.0	59.87
	-7	-7.6	186.9	58.45	185.7	59.02	184.3	59.60	183.8	59.87	183.2	60.16	178.5	59.08
	-5	-5.6	196.6	59.52	195.2	60.13	193.8	60.71	193.2	60.98	191.4	60.67	178.5	55.76
	-3	-3.7	206.3	60.58	204.9	61.19	203.5	61.78	197.7	59.70	191.4	57.36	178.5	52.76
	0	-0.7	222.0	62.27	216.8	61.20	204.1	56.82	197.7	54.65	191.4	52.53	178.5	48.37
	3	2.2	229.5	60.26	216.8	56.18	204.1	52.19	197.7	50.24	191.4	48.32	178.5	44.53
	5	4.1	229.5	56.98	216.8	53.15	204.1	49.41	197.7	47.57	191.4	45.76	178.5	42.22
	7	6	229.5	53.84	216.8	50.24	204.1	46.72	197.7	44.99	191.4	43.29	178.5	39.95
	9	7.9	229.5	50.76	216.8	47.38	204.1	44.09	197.7	42.47	191.4	40.88	178.5	37.74
	11	9.8	229.5	47.80	216.8	44.65	204.1	41.58	197.7	40.07	191.4	38.59	178.5	35.66
	13	11.8	229.5	44.87	216.8	41.94	204.1	39.09	197.7	37.67	191.4	36.30	178.5	33.57

24. ARUM540LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	229.5	42.21	216.8	39.49	204.1	36.83	197.7	35.52	191.4	34.23	178.5	31.69
110	-30	-30.2	100.3	47.55	99.70	47.95	98.90	48.33	98.60	48.54	98.30	48.72	97.50	49.10
	-24.8	-25	116.8	50.11	115.9	50.54	115.1	50.97	114.6	51.18	114.3	51.39	113.5	51.80
	-21.8	-22	126.9	51.61	126.0	52.06	125.2	52.51	124.6	52.73	124.3	52.94	123.5	53.39
	-19.8	-20	133.9	52.60	133.1	53.08	132.2	53.53	131.7	53.77	131.4	54.01	130.3	54.44
	-18.8	-19	137.7	53.11	136.6	53.59	135.8	54.07	135.2	54.30	134.9	54.52	134.1	54.99
	-16.7	-17	145.3	54.14	144.2	54.63	143.3	55.13	142.8	55.37	142.3	55.61	141.4	56.06
	-15	-15.9	149.7	54.74	148.9	55.25	147.8	55.75	147.2	55.99	146.9	56.23	145.8	56.71
	-13.7	-15	154.0	55.28	152.9	55.81	152.0	56.31	151.5	56.58	150.9	56.82	150.1	57.30
	-11.8	-13	161.7	56.28	160.6	56.82	159.5	57.33	158.9	57.59	158.6	57.84	157.5	58.34
	-9.8	-11	170.3	57.34	168.9	57.90	167.8	58.43	167.2	58.68	166.7	58.94	163.6	58.42
	-9.5	-10	174.3	57.85	173.2	58.41	171.9	58.94	171.3	59.21	170.7	59.47	163.6	56.92
	-8.5	-9.1	178.4	58.35	177.0	58.91	175.9	59.45	175.3	59.73	174.8	59.98	163.6	55.48
	-7	-7.6	185.2	59.20	184.0	59.76	182.7	60.32	181.2	60.15	175.5	57.79	163.6	53.18
	-5	-5.6	194.7	60.34	193.5	60.93	187.1	59.01	181.2	56.77	175.5	54.56	163.6	50.23
	-3	-3.7	204.3	61.46	198.7	60.11	187.1	55.81	181.2	53.71	175.5	51.62	163.6	47.57
	0	-0.7	210.6	59.00	198.7	55.02	187.1	51.14	181.2	49.24	175.5	47.35	163.6	43.66
	3	2.2	210.6	54.18	198.7	50.57	187.1	47.05	181.2	45.32	175.5	43.61	163.6	40.26
	5	4.1	210.6	51.26	198.7	47.87	187.1	44.57	181.2	42.95	175.5	41.33	163.6	38.20
	7	6	210.6	48.47	198.7	45.29	187.1	42.16	181.2	40.63	175.5	39.12	163.6	36.16
	9	7.9	210.6	45.73	198.7	42.74	187.1	39.83	181.2	38.39	175.5	36.99	163.6	34.20
	11	9.8	210.6	43.11	198.7	40.33	187.1	37.60	181.2	36.26	175.5	34.94	163.6	32.35
	13	11.8	210.6	40.49	198.7	37.91	187.1	35.39	181.2	34.13	175.5	32.90	163.6	30.49
	15	13.7	210.6	38.15	198.7	35.74	187.1	33.38	181.2	32.20	175.5	31.06	163.6	28.81
100	-30	-30.2	99.70	47.87	99.10	48.25	98.30	48.64	98.00	48.83	97.70	49.01	97.00	49.39
	-24.8	-25	116.0	50.51	115.1	50.94	114.3	51.36	114.0	51.56	113.5	51.77	112.9	52.17
	-21.8	-22	126.0	52.06	125.2	52.52	124.3	52.95	123.8	53.18	123.5	53.39	122.7	53.82
	-19.8	-20	133.1	53.11	132.0	53.58	131.1	54.04	130.8	54.25	130.3	54.49	129.5	54.91
	-18.8	-19	136.6	53.64	135.7	54.12	134.7	54.57	134.4	54.81	133.8	55.02	133.0	55.47
	-16.7	-17	144.2	54.73	143.1	55.21	142.2	55.69	141.7	55.93	141.2	56.14	140.3	56.60
	-15	-15.9	148.6	55.36	147.5	55.86	146.6	56.34	146.1	56.58	145.6	56.82	144.7	57.28
	-13.7	-15	152.6	55.94	151.8	56.45	150.9	56.95	150.3	57.19	149.8	57.43	148.8	57.82
	-11.8	-13	160.3	56.98	159.2	57.49	158.1	58.00	157.6	58.26	157.2	58.50	148.8	55.01
	-9.8	-11	168.6	58.11	167.5	58.64	166.3	59.15	164.7	58.89	159.5	56.61	148.8	52.12
	-9.5	-10	172.6	58.65	171.3	59.18	170.1	59.62	164.7	57.36	159.5	55.14	148.8	50.80
	-8.5	-9.1	176.5	59.18	175.3	59.71	170.1	58.10	164.7	55.91	159.5	53.76	148.8	49.53
	-7	-7.6	183.2	60.08	180.7	59.93	170.1	55.69	164.7	53.59	159.5	51.54	148.8	47.49
	-5	-5.6	191.4	60.67	180.7	56.58	170.1	52.58	164.7	50.64	159.5	48.69	148.8	44.91
	-3	-3.7	191.4	57.36	180.7	53.52	170.1	49.77	164.7	47.92	159.5	46.11	148.8	42.56
	0	-0.7	191.4	52.53	180.7	49.05	170.1	45.67	164.7	43.99	159.5	42.36	148.8	39.13
	3	2.2	191.4	48.32	180.7	45.15	170.1	42.07	164.7	40.56	159.5	39.06	148.8	36.12
	5	4.1	191.4	45.76	180.7	42.79	170.1	39.90	164.7	38.47	159.5	37.07	148.8	34.30
	7	6	191.4	43.29	180.7	40.49	170.1	37.77	164.7	36.43	159.5	35.11	148.8	32.49
	9	7.9	191.4	40.88	180.7	38.27	170.1	35.72	164.7	34.46	159.5	33.21	148.8	30.77
	11	9.8	191.4	38.59	180.7	36.15	170.1	33.76	164.7	32.58	159.5	31.43	148.8	29.14
	13	11.8	191.4	36.30	180.7	34.02	170.1	31.80	164.7	30.71	159.5	29.62	148.8	27.51
	15	13.7	191.4	34.23	180.7	32.10	170.1	30.04	164.7	29.00	159.5	27.99	148.8	26.02

24. ARUM540LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	99.10	48.24	98.30	48.62	97.70	48.99	97.50	49.17	97.00	49.36	96.40	49.71
	-24.8	-25	115.1	50.99	114.3	51.42	113.5	51.82	113.2	52.03	112.6	52.22	111.8	52.62
	-21.8	-22	124.9	52.62	124.1	53.05	123.2	53.50	122.7	53.71	122.4	53.90	121.6	54.32
	-19.8	-20	131.7	53.72	130.9	54.17	130.0	54.62	129.7	54.84	129.2	55.05	128.3	55.47
	-18.8	-19	135.4	54.28	134.4	54.75	133.5	55.18	133.0	55.42	132.7	55.63	131.8	56.06
	-16.7	-17	142.8	55.42	141.7	55.90	140.8	56.36	140.3	56.59	139.8	56.81	133.9	54.33
	-15	-15.9	147.2	56.10	146.1	56.58	145.2	57.06	144.7	57.28	143.4	57.10	133.9	52.59
	-13.7	-15	151.2	56.72	150.3	57.22	149.2	57.70	148.2	57.62	143.4	55.37	133.9	50.97
	-11.8	-13	158.6	57.81	157.5	58.32	153.1	56.90	148.2	54.78	143.4	52.67	133.9	48.54
	-9.8	-11	166.6	59.02	162.6	57.98	153.1	53.90	148.2	51.90	143.4	49.90	133.9	46.01
	-9.5	-10	170.4	59.58	162.6	56.48	153.1	52.52	148.2	50.58	143.4	48.65	133.9	44.89
	-8.5	-9.1	172.2	58.98	162.6	55.04	153.1	51.22	148.2	49.31	143.4	47.46	133.9	43.79
	-7	-7.6	172.2	56.53	162.6	52.77	153.1	49.10	148.2	47.30	143.4	45.53	133.9	42.03
	-5	-5.6	172.2	53.37	162.6	49.85	153.1	46.40	148.2	44.72	143.4	43.06	133.9	39.77
	-3	-3.7	172.2	50.50	162.6	47.21	153.1	43.97	148.2	42.37	143.4	40.80	133.9	37.72
	0	-0.7	172.2	46.34	162.6	43.34	153.1	40.42	148.2	38.97	143.4	37.54	133.9	34.74
	3	2.2	172.2	42.69	162.6	39.97	153.1	37.30	148.2	35.98	143.4	34.69	133.9	32.14
	5	4.1	172.2	40.47	162.6	37.90	153.1	35.40	148.2	34.16	143.4	32.95	133.9	30.54
	7	6	172.2	38.31	162.6	35.90	153.1	33.54	148.2	32.38	143.4	31.23	133.9	28.96
	9	7.9	172.2	36.21	162.6	33.96	153.1	31.76	148.2	30.66	143.4	29.57	133.9	27.46
	11	9.8	172.2	34.24	162.6	32.13	153.1	30.05	148.2	29.03	143.4	28.02	133.9	26.02
	13	11.8	172.2	32.23	162.6	30.28	153.1	28.34	148.2	27.40	143.4	26.45	133.9	24.61
	15	13.7	172.2	30.44	162.6	28.60	153.1	26.79	148.2	25.91	143.4	25.03	133.9	23.31
80	-30	-30.2	98.30	48.69	97.50	49.07	96.90	49.44	96.60	49.60	96.30	49.79	95.60	50.13
	-24.8	-25	114.0	51.58	113.2	52.00	112.4	52.40	112.1	52.59	111.6	52.77	110.9	53.17
	-21.8	-22	123.5	53.31	122.7	53.74	121.9	54.14	121.6	54.35	121.0	54.56	119.1	54.13
	-19.8	-20	130.3	54.46	129.5	54.91	128.6	55.34	128.1	55.55	127.4	55.56	119.1	51.30
	-18.8	-19	133.8	55.07	133.0	55.50	132.1	55.95	131.6	56.16	127.5	54.16	119.1	49.96
	-16.7	-17	140.9	56.27	140.0	56.73	136.1	55.34	131.8	53.31	127.5	51.31	119.1	47.34
	-15	-15.9	145.3	57.00	144.4	57.46	136.1	53.58	131.8	51.61	127.5	49.66	119.1	45.83
	-13.7	-15	149.3	57.67	144.5	55.86	136.1	51.93	131.8	49.99	127.5	48.09	119.1	44.35
	-11.8	-13	153.1	56.90	144.5	53.14	136.1	49.44	131.8	47.64	127.5	45.86	119.1	42.30
	-9.8	-11	153.1	53.90	144.5	50.34	136.1	46.88	131.8	45.17	127.5	43.48	119.1	40.18
	-9.5	-10	153.1	52.52	144.5	49.08	136.1	45.73	131.8	44.08	127.5	42.45	119.1	39.25
	-8.5	-9.1	153.1	51.22	144.5	47.87	136.1	44.61	131.8	43.00	127.5	41.41	119.1	38.29
	-7	-7.6	153.1	49.10	144.5	45.92	136.1	42.80	131.8	41.27	127.5	39.76	119.1	36.76
	-5	-5.6	153.1	46.40	144.5	43.42	136.1	40.50	131.8	39.06	127.5	37.63	119.1	34.83
	-3	-3.7	153.1	43.97	144.5	41.15	136.1	38.40	131.8	37.05	127.5	35.72	119.1	33.09
	0	-0.7	153.1	40.42	144.5	37.86	136.1	35.36	131.8	34.14	127.5	32.91	119.1	30.52
	3	2.2	153.1	37.30	144.5	34.97	136.1	32.71	131.8	31.58	127.5	30.46	119.1	28.29
	5	4.1	153.1	35.40	144.5	33.22	136.1	31.08	131.8	30.01	127.5	28.97	119.1	26.91
	7	6	153.1	33.54	144.5	31.47	136.1	29.47	131.8	28.48	127.5	27.49	119.1	25.55
	9	7.9	153.1	31.76	144.5	29.81	136.1	27.94	131.8	27.01	127.5	26.08	119.1	24.27
	11	9.8	153.1	30.05	144.5	28.23	136.1	26.47	131.8	25.60	127.5	24.72	119.1	23.02
	13	11.8	153.1	28.34	144.5	26.66	136.1	25.01	131.8	24.19	127.5	23.39	119.1	21.80
	15	13.7	153.1	26.79	144.5	25.22	136.1	23.68	131.8	22.92	127.5	22.17	119.1	20.67
70	-30	-30.2	97.20	49.28	96.60	49.63	95.90	49.97	95.60	50.16	95.30	50.34	94.70	50.66

24. ARUM540LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	112.4	52.32	111.8	52.72	111.0	53.09	110.7	53.28	110.4	53.46	104.2	50.22
	-21.8	-22	121.9	54.16	121.0	54.56	119.1	54.13	115.3	52.15	111.5	50.20	104.2	46.38
	-19.8	-20	128.6	55.39	126.6	55.09	119.1	51.30	115.3	49.44	111.5	47.60	104.2	43.99
	-18.8	-19	131.9	56.03	126.6	53.61	119.1	49.96	115.3	48.15	111.5	46.37	104.2	42.85
	-16.7	-17	133.9	54.33	126.6	50.79	119.1	47.34	115.3	45.64	111.5	43.95	104.2	40.65
	-15	-15.9	133.9	52.60	126.6	49.17	119.1	45.83	115.3	44.17	111.5	42.51	104.2	39.28
	-13.7	-15	133.9	50.97	126.6	47.62	119.1	44.36	115.3	42.75	111.5	41.15	104.2	38.04
	-11.8	-13	133.9	48.54	126.6	45.40	119.1	42.30	115.3	40.76	111.5	39.27	104.2	36.30
	-9.8	-11	133.9	46.01	126.6	43.06	119.1	40.18	115.3	38.74	111.5	37.35	104.2	34.57
	-9.5	-10	133.9	44.89	126.6	42.04	119.1	39.25	115.3	37.87	111.5	36.49	104.2	33.81
	-8.5	-9.1	133.9	43.79	126.6	41.02	119.1	38.29	115.3	36.94	111.5	35.62	104.2	33.00
	-7	-7.6	133.9	42.03	126.6	39.38	119.1	36.76	115.3	35.49	111.5	34.22	104.2	31.72
	-5	-5.6	133.9	39.77	126.6	37.28	119.1	34.85	115.3	33.64	111.5	32.45	104.2	30.10
	-3	-3.7	133.9	37.72	126.6	35.38	119.1	33.09	115.3	31.96	111.5	30.83	104.2	28.61
	0	-0.7	133.9	34.74	126.6	32.62	119.1	30.52	115.3	29.50	111.5	28.49	104.2	26.46
	3	2.2	133.9	32.14	126.6	30.19	119.1	28.29	115.3	27.35	111.5	26.42	104.2	24.58
	5	4.1	133.9	30.54	126.6	28.70	119.1	26.91	115.3	26.01	111.5	25.13	104.2	23.40
	7	6	133.9	28.96	126.6	27.25	119.1	25.55	115.3	24.72	111.5	23.88	104.2	22.26
	9	7.9	133.9	27.46	126.6	25.84	119.1	24.27	115.3	23.48	111.5	22.71	104.2	21.17
	11	9.8	133.9	26.02	126.6	24.51	119.1	23.02	115.3	22.30	111.5	21.57	104.2	20.14
	13	11.8	133.9	24.61	126.6	23.18	119.1	21.80	115.3	21.11	111.5	20.43	104.2	19.09
	15	13.7	133.9	23.31	126.6	21.99	119.1	20.67	115.3	20.03	111.5	19.40	104.2	18.14
60	-30	-30.2	95.80	50.02	95.30	50.36	94.70	50.69	94.20	50.87	93.90	51.03	89.30	48.33
	-24.8	-25	110.7	53.27	108.5	52.59	102.1	49.04	98.80	47.30	95.60	45.57	89.30	42.14
	-21.8	-22	114.8	51.87	108.5	48.55	102.1	45.31	98.80	43.70	95.60	42.11	89.30	38.97
	-19.8	-20	114.8	49.19	108.5	46.06	102.1	42.97	98.80	41.47	95.60	39.97	89.30	37.01
	-18.8	-19	114.8	47.90	108.5	44.84	102.1	41.86	98.80	40.39	95.60	38.95	89.30	36.07
	-16.7	-17	114.8	45.40	108.5	42.53	102.1	39.71	98.80	38.32	95.60	36.96	89.30	34.25
	-15	-15.9	114.8	43.92	108.5	41.12	102.1	38.38	98.80	37.03	95.60	35.70	89.30	33.06
	-13.7	-15	114.8	42.53	108.5	39.82	102.1	37.17	98.80	35.87	95.60	34.58	89.30	32.04
	-11.8	-13	114.8	40.55	108.5	37.98	102.1	35.46	98.80	34.22	95.60	33.01	89.30	30.59
	-9.8	-11	114.8	38.55	108.5	36.16	102.1	33.76	98.80	32.58	95.60	31.43	89.30	29.15
	-9.5	-10	114.8	37.65	108.5	35.33	102.1	33.06	98.80	31.93	95.60	30.80	89.30	28.62
	-8.5	-9.1	114.8	36.75	108.5	34.49	102.1	32.27	98.80	31.17	95.60	30.09	89.30	27.95
	-7	-7.6	114.8	35.31	108.5	33.15	102.1	31.02	98.80	29.98	95.60	28.95	89.30	26.90
	-5	-5.6	114.8	33.46	108.5	31.44	102.1	29.45	98.80	28.46	95.60	27.49	89.30	25.57
	-3	-3.7	114.8	31.80	108.5	29.87	102.1	28.00	98.80	27.08	95.60	26.15	89.30	24.34
	0	-0.7	114.8	29.35	108.5	27.61	102.1	25.90	98.80	25.05	95.60	24.22	89.30	22.57
	3	2.2	114.8	27.22	108.5	25.62	102.1	24.06	98.80	23.28	95.60	22.54	89.30	21.03
	5	4.1	114.8	25.90	108.5	24.39	102.1	22.92	98.80	22.18	95.60	21.47	89.30	20.04
	7	6	114.8	24.59	108.5	23.19	102.1	21.81	98.80	21.12	95.60	20.44	89.30	19.09
	9	7.9	114.8	23.37	108.5	22.04	102.1	20.75	98.80	20.09	95.60	19.46	89.30	18.19
	11	9.8	114.8	22.20	108.5	20.96	102.1	19.72	98.80	19.11	95.60	18.53	89.30	17.35
	13	11.8	114.8	21.01	108.5	19.85	102.1	18.71	98.80	18.14	95.60	17.59	89.30	16.48
	15	13.7	114.8	19.95	108.5	18.85	102.1	17.79	98.80	17.27	95.60	16.74	89.30	15.70
50	-30	-30.2	93.90	51.00	90.40	48.99	85.00	45.73	82.40	44.13	79.70	42.54	74.50	39.41
	-24.8	-25	95.60	45.57	90.40	42.72	85.00	39.92	82.40	38.53	79.70	37.17	74.50	34.47

24. ARUM540LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	95.60	42.11	90.40	39.49	85.00	36.93	82.40	35.67	79.70	34.42	74.50	31.95
	-19.8	-20	95.60	39.97	90.40	37.50	85.00	35.08	82.40	33.88	79.70	32.71	74.50	30.37
	-18.8	-19	95.60	38.95	90.40	36.55	85.00	34.19	82.40	33.03	79.70	31.89	74.50	29.62
	-16.7	-17	95.60	36.96	90.40	34.71	85.00	32.49	82.40	31.38	79.70	30.30	74.50	28.17
	-15	-15.9	95.60	35.70	90.40	33.49	85.00	31.36	82.40	30.28	79.70	29.24	74.50	27.17
	-13.7	-15	95.60	34.58	90.40	32.45	85.00	30.37	82.40	29.35	79.70	28.33	74.50	26.33
	-11.8	-13	95.60	33.01	90.40	30.99	85.00	29.01	82.40	28.04	79.70	27.08	74.50	25.18
	-9.8	-11	95.60	31.43	90.40	29.52	85.00	27.65	82.40	26.74	79.70	25.81	74.50	24.02
	-9.5	-10	95.60	30.80	90.40	28.98	85.00	27.18	82.40	26.29	79.70	25.41	74.50	23.67
	-8.5	-9.1	95.60	30.09	90.40	28.32	85.00	26.56	82.40	25.70	79.70	24.84	74.50	23.14
	-7	-7.6	95.60	28.95	90.40	27.24	85.00	25.56	82.40	24.73	79.70	23.93	74.50	22.31
	-5	-5.6	95.60	27.49	90.40	25.89	85.00	24.30	82.40	23.52	79.70	22.75	74.50	21.24
	-3	-3.7	95.60	26.15	90.40	24.66	85.00	23.17	82.40	22.42	79.70	21.71	74.50	20.27
	0	-0.7	95.60	24.22	90.40	22.84	85.00	21.49	82.40	20.82	79.70	20.16	74.50	18.84
	3	2.2	95.60	22.54	90.40	21.27	85.00	20.02	82.40	19.42	79.70	18.81	74.50	17.62
	5	4.1	95.60	21.47	90.40	20.28	85.00	19.12	82.40	18.54	79.70	17.96	74.50	16.83
	7	6	95.60	20.44	90.40	19.33	85.00	18.22	82.40	17.67	79.70	17.14	74.50	16.07
	9	7.9	95.60	19.46	90.40	18.40	85.00	17.38	82.40	16.85	79.70	16.35	74.50	15.36
	11	9.8	95.60	18.53	90.40	17.53	85.00	16.56	82.40	16.09	79.70	15.62	74.50	14.68
	13	11.8	95.60	17.59	90.40	16.67	85.00	15.75	82.40	15.31	79.70	14.86	74.50	13.98
	15	13.7	95.60	16.74	90.40	15.88	85.00	15.02	82.40	14.60	79.70	14.18	74.50	13.35

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

24. ARUM540LTE6

24.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	101.3	47.07	100.5	47.47	99.70	47.87	99.40	48.06	99.10	48.27	98.30	48.65
	-24.8	-25	117.9	49.48	117.1	49.93	116.2	50.36	115.7	50.57	115.4	50.81	114.6	51.23
	-21.8	-22	128.3	50.87	127.4	51.34	126.5	51.80	126.0	52.04	125.7	52.25	124.7	52.71
	-19.8	-20	135.6	51.80	134.7	52.28	133.7	52.76	133.1	53.00	132.8	53.24	131.9	53.72
	-18.8	-19	139.4	52.26	138.3	52.76	137.4	53.26	136.9	53.50	136.4	53.74	135.5	54.20
	-16.7	-17	147.0	53.21	146.1	53.72	145.1	54.23	144.5	54.49	144.2	54.73	143.1	55.21
	-15	-15.9	151.9	53.75	150.8	54.28	149.7	54.81	149.2	55.06	148.6	55.32	147.7	55.81
	-13.7	-15	156.0	54.25	154.9	54.79	154.0	55.32	153.4	55.59	152.9	55.85	152.0	56.36
	-11.8	-13	163.9	55.16	162.8	55.72	161.7	56.26	161.1	56.53	160.6	56.79	159.5	57.32
	-9.8	-11	172.8	56.14	171.5	56.70	170.3	57.26	169.7	57.53	169.2	57.80	168.1	58.33
	-9.5	-10	176.9	56.59	175.8	57.16	174.6	57.74	174.0	58.01	173.3	58.30	172.1	58.83
	-8.5	-9.1	181.2	57.04	179.9	57.63	178.7	58.19	178.1	58.48	177.5	58.75	176.2	59.31
	-7	-7.6	188.3	57.79	187.1	58.40	185.7	58.98	185.2	59.26	184.4	59.55	183.2	60.11
	-5	-5.6	198.3	58.82	196.9	59.43	195.5	60.02	194.9	60.32	194.1	60.61	192.7	61.19
	-3	-3.7	208.0	59.80	206.6	60.44	205.2	61.05	204.4	61.35	203.8	61.66	193.6	58.13
	0	-0.7	224.2	61.41	222.6	62.05	220.9	62.60	214.1	60.28	207.3	57.91	193.6	53.23
	3	2.2	240.4	62.96	234.9	62.00	221.1	57.52	214.1	55.34	207.3	53.17	193.6	48.94
	5	4.1	235.4	57.46	221.4	53.31	207.6	49.28	200.6	47.30	193.6	45.35	179.5	41.51
	7	6	221.7	49.22	207.6	45.47	193.6	41.83	186.5	40.03	179.3	38.28	165.2	34.82
	9	7.9	207.6	41.71	193.3	38.38	179.0	35.11	172.0	33.53	164.7	31.95	150.4	28.86
	11	9.8	193.0	35.00	178.7	32.05	164.2	29.17	156.9	27.76	149.6	26.35	135.0	23.62
	13	11.8	177.9	28.96	163.4	26.38	148.8	23.86	141.5	22.62	134.2	21.40	119.1	19.00
	15	13.7	162.3	23.76	147.7	21.51	132.8	19.30	125.3	18.22	118.0	17.17	102.8	15.07
120	-30	-30.2	100.8	47.29	100.0	47.69	99.40	48.09	99.10	48.27	98.60	48.46	98.00	48.86
	-24.8	-25	117.4	49.77	116.5	50.20	115.7	50.65	115.2	50.86	114.9	51.07	114.0	51.50
	-21.8	-22	127.7	51.21	126.8	51.67	125.8	52.12	125.4	52.36	124.9	52.57	124.1	53.02
	-19.8	-20	134.8	52.17	133.9	52.65	133.1	53.13	132.5	53.37	132.0	53.59	131.1	54.06
	-18.8	-19	138.6	52.65	137.7	53.14	136.6	53.64	136.1	53.88	135.7	54.09	134.7	54.57
	-16.7	-17	146.2	53.64	145.3	54.15	144.2	54.65	143.7	54.89	143.3	55.13	142.3	55.61
	-15	-15.9	150.8	54.21	149.9	54.74	148.9	55.24	148.3	55.49	147.8	55.75	146.9	56.23
	-13.7	-15	155.1	54.73	154.0	55.27	153.1	55.78	152.6	56.04	152.0	56.29	151.2	56.79
	-11.8	-13	163.0	55.67	161.9	56.23	160.8	56.76	160.3	57.01	159.7	57.27	158.6	57.78
	-9.8	-11	171.7	56.70	170.3	57.26	169.2	57.79	168.6	58.06	168.1	58.33	166.9	58.86
	-9.5	-10	175.8	57.18	174.6	57.74	173.3	58.30	172.7	58.57	172.1	58.83	171.0	59.36
	-8.5	-9.1	179.8	57.66	178.7	58.22	177.3	58.78	176.8	59.05	176.2	59.33	175.0	59.87
	-7	-7.6	186.9	58.45	185.7	59.02	184.3	59.60	183.8	59.87	183.2	60.16	178.5	59.08
	-5	-5.6	196.6	59.52	195.2	60.13	193.8	60.71	193.2	60.98	191.4	60.67	178.5	55.76
	-3	-3.7	206.3	60.58	204.9	61.19	203.5	61.78	197.7	59.70	191.4	57.36	178.5	52.76
	0	-0.7	222.0	62.27	216.8	61.20	204.1	56.82	197.7	54.65	191.4	52.53	178.5	48.37
	3	2.2	229.5	60.26	216.8	56.18	204.1	52.19	197.7	50.24	191.4	48.32	178.5	44.53
	5	4.1	217.3	52.09	204.4	48.41	191.7	44.79	185.2	43.03	178.7	41.27	165.8	37.85
	7	6	204.7	44.69	191.7	41.35	178.7	38.10	172.2	36.49	165.5	34.93	152.5	31.83
	9	7.9	191.7	37.95	178.5	34.98	165.3	32.06	158.8	30.64	152.0	29.23	138.8	26.46
	11	9.8	178.2	31.95	165.0	29.31	151.5	26.72	145.0	25.45	138.2	24.20	124.7	21.74
	13	11.8	164.2	26.52	150.9	24.20	137.4	21.93	130.7	20.82	123.7	19.72	109.9	17.56

24. ARUM540LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	149.8	21.83	136.3	19.80	122.6	17.82	115.8	16.85	108.8	15.91	94.80	14.00
110	-30	-30.2	100.3	47.55	99.70	47.95	98.90	48.33	98.60	48.54	98.30	48.72	97.50	49.10
	-24.8	-25	116.8	50.11	115.9	50.54	115.1	50.97	114.6	51.18	114.3	51.39	113.5	51.80
	-21.8	-22	126.9	51.61	126.0	52.06	125.2	52.51	124.6	52.73	124.3	52.94	123.5	53.39
	-19.8	-20	133.9	52.60	133.1	53.08	132.2	53.53	131.7	53.77	131.4	54.01	130.3	54.44
	-18.8	-19	137.7	53.11	136.6	53.59	135.8	54.07	135.2	54.30	134.9	54.52	134.1	54.99
	-16.7	-17	145.3	54.14	144.2	54.63	143.3	55.13	142.8	55.37	142.3	55.61	141.4	56.06
	-15	-15.9	149.7	54.74	148.9	55.25	147.8	55.75	147.2	55.99	146.9	56.23	145.8	56.71
	-13.7	-15	154.0	55.28	152.9	55.81	152.0	56.31	151.5	56.58	150.9	56.82	150.1	57.30
	-11.8	-13	161.7	56.28	160.6	56.82	159.5	57.33	158.9	57.59	158.6	57.84	157.5	58.34
	-9.8	-11	170.3	57.34	168.9	57.90	167.8	58.43	167.2	58.68	166.7	58.94	163.6	58.42
	-9.5	-10	174.3	57.85	173.2	58.41	171.9	58.94	171.3	59.21	170.7	59.47	163.6	56.92
	-8.5	-9.1	178.4	58.35	177.0	58.91	175.9	59.45	175.3	59.73	174.8	59.98	163.6	55.48
	-7	-7.6	185.2	59.20	184.0	59.76	182.7	60.32	181.2	60.15	175.5	57.79	163.6	53.18
	-5	-5.6	194.7	60.34	193.5	60.93	187.1	59.01	181.2	56.77	175.5	54.56	163.6	50.23
	-3	-3.7	204.3	61.46	198.7	60.11	187.1	55.81	181.2	53.71	175.5	51.62	163.6	47.57
	0	-0.7	210.6	59.00	198.7	55.02	187.1	51.14	181.2	49.24	175.5	47.35	163.6	43.66
	3	2.2	210.6	54.18	198.7	50.57	187.1	47.05	181.2	45.32	175.5	43.61	163.6	40.26
	5	4.1	199.3	46.92	187.4	43.65	175.5	40.46	169.8	38.90	163.9	37.34	152.0	34.30
	7	6	187.6	40.33	175.8	37.37	163.9	34.48	157.7	33.08	151.8	31.67	139.8	28.91
	9	7.9	175.7	34.34	163.6	31.69	151.5	29.12	145.5	27.85	139.4	26.59	127.2	24.12
	11	9.8	163.3	28.99	151.2	26.64	139.0	24.34	132.8	23.22	126.6	22.11	114.2	19.90
	13	11.8	150.4	24.15	138.2	22.09	125.8	20.08	119.6	19.08	113.4	18.10	100.9	16.16
	15	13.7	137.2	19.96	124.8	18.16	112.3	16.38	106.1	15.52	99.70	14.66	86.90	12.98
100	-30	-30.2	99.70	47.87	99.10	48.25	98.30	48.64	98.00	48.83	97.70	49.01	97.00	49.39
	-24.8	-25	116.0	50.51	115.1	50.94	114.3	51.36	114.0	51.56	113.5	51.77	112.9	52.17
	-21.8	-22	126.0	52.06	125.2	52.52	124.3	52.95	123.8	53.18	123.5	53.39	122.7	53.82
	-19.8	-20	133.1	53.11	132.0	53.58	131.1	54.04	130.8	54.25	130.3	54.49	129.5	54.91
	-18.8	-19	136.6	53.64	135.7	54.12	134.7	54.57	134.4	54.81	133.8	55.02	133.0	55.47
	-16.7	-17	144.2	54.73	143.1	55.21	142.2	55.69	141.7	55.93	141.2	56.14	140.3	56.60
	-15	-15.9	148.6	55.36	147.5	55.86	146.6	56.34	146.1	56.58	145.6	56.82	144.7	57.28
	-13.7	-15	152.6	55.94	151.8	56.45	150.9	56.95	150.3	57.19	149.8	57.43	148.8	57.82
	-11.8	-13	160.3	56.98	159.2	57.49	158.1	58.00	157.6	58.26	157.2	58.50	148.8	55.01
	-9.8	-11	168.6	58.11	167.5	58.64	166.3	59.15	164.7	58.89	159.5	56.61	148.8	52.12
	-9.5	-10	172.6	58.65	171.3	59.18	170.1	59.62	164.7	57.36	159.5	55.14	148.8	50.80
	-8.5	-9.1	176.5	59.18	175.3	59.71	170.1	58.10	164.7	55.91	159.5	53.76	148.8	49.53
	-7	-7.6	183.2	60.08	180.7	59.93	170.1	55.69	164.7	53.59	159.5	51.54	148.8	47.49
	-5	-5.6	191.4	60.67	180.7	56.58	170.1	52.58	164.7	50.64	159.5	48.69	148.8	44.91
	-3	-3.7	191.4	57.36	180.7	53.52	170.1	49.77	164.7	47.92	159.5	46.11	148.8	42.56
	0	-0.7	191.4	52.53	180.7	49.05	170.1	45.67	164.7	43.99	159.5	42.36	148.8	39.13
	3	2.2	191.4	48.32	180.7	45.15	170.1	42.07	164.7	40.56	159.5	39.06	148.8	36.12
	5	4.1	181.2	41.95	170.4	39.09	159.6	36.29	154.2	34.91	148.8	33.55	138.0	30.87
	7	6	170.6	36.11	159.8	33.54	148.8	31.00	143.4	29.76	138.0	28.52	127.1	26.09
	9	7.9	159.8	30.86	148.8	28.53	137.7	26.25	132.3	25.13	126.7	24.04	115.6	21.87
	11	9.8	148.5	26.12	137.4	24.07	126.4	22.03	120.7	21.05	115.1	20.05	103.9	18.13
	13	11.8	136.9	21.85	125.8	20.03	114.5	18.26	108.8	17.37	103.1	16.51	91.80	14.80
	15	13.7	124.8	18.14	113.4	16.54	102.1	14.99	96.40	14.23	90.70	13.46	79.10	11.97

24. ARUM540LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	99.10	48.24	98.30	48.62	97.70	48.99	97.50	49.17	97.00	49.36	96.40	49.71
	-24.8	-25	115.1	50.99	114.3	51.42	113.5	51.82	113.2	52.03	112.6	52.22	111.8	52.62
	-21.8	-22	124.9	52.62	124.1	53.05	123.2	53.50	122.7	53.71	122.4	53.90	121.6	54.32
	-19.8	-20	131.7	53.72	130.9	54.17	130.0	54.62	129.7	54.84	129.2	55.05	128.3	55.47
	-18.8	-19	135.4	54.28	134.4	54.75	133.5	55.18	133.0	55.42	132.7	55.63	131.8	56.06
	-16.7	-17	142.8	55.42	141.7	55.90	140.8	56.36	140.3	56.59	139.8	56.81	133.9	54.33
	-15	-15.9	147.2	56.10	146.1	56.58	145.2	57.06	144.7	57.28	143.4	57.10	133.9	52.59
	-13.7	-15	151.2	56.72	150.3	57.22	149.2	57.70	148.2	57.62	143.4	55.37	133.9	50.97
	-11.8	-13	158.6	57.81	157.5	58.32	153.1	56.90	148.2	54.78	143.4	52.67	133.9	48.54
	-9.8	-11	166.6	59.02	162.6	57.98	153.1	53.90	148.2	51.90	143.4	49.90	133.9	46.01
	-9.5	-10	170.4	59.58	162.6	56.48	153.1	52.52	148.2	50.58	143.4	48.65	133.9	44.89
	-8.5	-9.1	172.2	58.98	162.6	55.04	153.1	51.22	148.2	49.31	143.4	47.46	133.9	43.79
	-7	-7.6	172.2	56.53	162.6	52.77	153.1	49.10	148.2	47.30	143.4	45.53	133.9	42.03
	-5	-5.6	172.2	53.37	162.6	49.85	153.1	46.40	148.2	44.72	143.4	43.06	133.9	39.77
	-3	-3.7	172.2	50.50	162.6	47.21	153.1	43.97	148.2	42.37	143.4	40.80	133.9	37.72
	0	-0.7	172.2	46.34	162.6	43.34	153.1	40.42	148.2	38.97	143.4	37.54	133.9	34.74
	3	2.2	172.2	42.69	162.6	39.97	153.1	37.30	148.2	35.98	143.4	34.69	133.9	32.14
	5	4.1	163.1	37.15	153.4	34.68	143.7	32.26	138.8	31.05	133.9	29.88	124.2	27.53
	7	6	153.6	32.07	143.9	29.82	133.9	27.63	129.1	26.54	124.2	25.48	114.4	23.38
	9	7.9	143.7	27.47	133.9	25.47	124.0	23.49	119.1	22.53	114.2	21.55	104.2	19.65
	11	9.8	133.6	23.36	123.7	21.56	113.7	19.81	108.6	18.94	103.7	18.08	93.40	16.39
	13	11.8	123.1	19.63	113.1	18.05	103.1	16.48	98.00	15.72	92.90	14.96	82.60	13.47
	15	13.7	112.3	16.38	102.1	14.99	92.00	13.64	86.70	12.96	81.60	12.29	71.00	10.99
80	-30	-30.2	98.30	48.69	97.50	49.07	96.90	49.44	96.60	49.60	96.30	49.79	95.60	50.13
	-24.8	-25	114.0	51.58	113.2	52.00	112.4	52.40	112.1	52.59	111.6	52.77	110.9	53.17
	-21.8	-22	123.5	53.31	122.7	53.74	121.9	54.14	121.6	54.35	121.0	54.56	119.1	54.13
	-19.8	-20	130.3	54.46	129.5	54.91	128.6	55.34	128.1	55.55	127.4	55.56	119.1	51.30
	-18.8	-19	133.8	55.07	133.0	55.50	132.1	55.95	131.6	56.16	127.5	54.16	119.1	49.96
	-16.7	-17	140.9	56.27	140.0	56.73	136.1	55.34	131.8	53.31	127.5	51.31	119.1	47.34
	-15	-15.9	145.3	57.00	144.4	57.46	136.1	53.58	131.8	51.61	127.5	49.66	119.1	45.83
	-13.7	-15	149.3	57.67	144.5	55.86	136.1	51.93	131.8	49.99	127.5	48.09	119.1	44.35
	-11.8	-13	153.1	56.90	144.5	53.14	136.1	49.44	131.8	47.64	127.5	45.86	119.1	42.30
	-9.8	-11	153.1	53.90	144.5	50.34	136.1	46.88	131.8	45.17	127.5	43.48	119.1	40.18
	-9.5	-10	153.1	52.52	144.5	49.08	136.1	45.73	131.8	44.08	127.5	42.45	119.1	39.25
	-8.5	-9.1	153.1	51.22	144.5	47.87	136.1	44.61	131.8	43.00	127.5	41.41	119.1	38.29
	-7	-7.6	153.1	49.10	144.5	45.92	136.1	42.80	131.8	41.27	127.5	39.76	119.1	36.76
	-5	-5.6	153.1	46.40	144.5	43.42	136.1	40.50	131.8	39.06	127.5	37.63	119.1	34.83
	-3	-3.7	153.1	43.97	144.5	41.15	136.1	38.40	131.8	37.05	127.5	35.72	119.1	33.09
	0	-0.7	153.1	40.42	144.5	37.86	136.1	35.36	131.8	34.14	127.5	32.91	119.1	30.52
	3	2.2	153.1	37.30	144.5	34.97	136.1	32.71	131.8	31.58	127.5	30.46	119.1	28.29
	5	4.1	145.0	32.55	136.3	30.44	127.7	28.36	123.4	27.34	119.1	26.31	110.4	24.31
	7	6	136.4	28.19	127.7	26.27	119.1	24.39	114.8	23.46	110.4	22.53	101.6	20.73
	9	7.9	127.7	24.23	119.1	22.51	110.2	20.82	105.8	19.99	101.5	19.15	92.60	17.52
	11	9.8	118.8	20.69	109.9	19.15	101.0	17.65	96.60	16.89	92.10	16.16	83.10	14.70
	13	11.8	109.4	17.48	100.5	16.11	91.50	14.78	87.00	14.12	82.60	13.47	73.40	12.18
	15	13.7	99.90	14.68	90.70	13.48	81.80	12.31	77.20	11.74	72.60	11.15	63.20	10.01
70	-30	-30.2	97.20	49.28	96.60	49.63	95.90	49.97	95.60	50.16	95.30	50.34	94.70	50.66

24. ARUM540LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	112.4	52.32	111.8	52.72	111.0	53.09	110.7	53.28	110.4	53.46	104.2	50.22
	-21.8	-22	121.9	54.16	121.0	54.56	119.1	54.13	115.3	52.15	111.5	50.20	104.2	46.38
	-19.8	-20	128.6	55.39	126.6	55.09	119.1	51.30	115.3	49.44	111.5	47.60	104.2	43.99
	-18.8	-19	131.9	56.03	126.6	53.61	119.1	49.96	115.3	48.15	111.5	46.37	104.2	42.85
	-16.7	-17	133.9	54.33	126.6	50.79	119.1	47.34	115.3	45.64	111.5	43.95	104.2	40.65
	-15	-15.9	133.9	52.60	126.6	49.17	119.1	45.83	115.3	44.17	111.5	42.51	104.2	39.28
	-13.7	-15	133.9	50.97	126.6	47.62	119.1	44.36	115.3	42.75	111.5	41.15	104.2	38.04
	-11.8	-13	133.9	48.54	126.6	45.40	119.1	42.30	115.3	40.76	111.5	39.27	104.2	36.30
	-9.8	-11	133.9	46.01	126.6	43.06	119.1	40.18	115.3	38.74	111.5	37.35	104.2	34.57
	-9.5	-10	133.9	44.89	126.6	42.04	119.1	39.25	115.3	37.87	111.5	36.49	104.2	33.81
	-8.5	-9.1	133.9	43.79	126.6	41.02	119.1	38.29	115.3	36.94	111.5	35.62	104.2	33.00
	-7	-7.6	133.9	42.03	126.6	39.38	119.1	36.76	115.3	35.49	111.5	34.22	104.2	31.72
	-5	-5.6	133.9	39.77	126.6	37.28	119.1	34.85	115.3	33.64	111.5	32.45	104.2	30.10
	-3	-3.7	133.9	37.72	126.6	35.38	119.1	33.09	115.3	31.96	111.5	30.83	104.2	28.61
	0	-0.7	133.9	34.74	126.6	32.62	119.1	30.52	115.3	29.50	111.5	28.49	104.2	26.46
	3	2.2	133.9	32.14	126.6	30.19	119.1	28.29	115.3	27.35	111.5	26.42	104.2	24.58
	5	4.1	126.9	28.14	119.3	26.36	111.8	24.60	108.0	23.75	104.2	22.90	96.70	21.21
	7	6	119.4	24.44	111.8	22.85	104.2	21.26	100.4	20.47	96.60	19.70	88.90	18.18
	9	7.9	111.8	21.13	104.2	19.68	96.40	18.25	92.60	17.55	88.80	16.84	81.00	15.47
	11	9.8	103.9	18.13	96.10	16.84	88.50	15.56	84.50	14.93	80.70	14.30	72.70	13.06
	13	11.8	95.80	15.41	88.00	14.26	80.20	13.13	76.10	12.57	72.10	12.02	64.20	10.93
	15	13.7	87.40	13.04	79.40	12.02	71.50	11.02	67.50	10.53	63.50	10.06	55.30	9.08
60	-30	-30.2	95.80	50.02	95.30	50.36	94.70	50.69	94.20	50.87	93.90	51.03	89.30	48.33
	-24.8	-25	110.7	53.27	108.5	52.59	102.1	49.04	98.80	47.30	95.60	45.57	89.30	42.14
	-21.8	-22	114.8	51.87	108.5	48.55	102.1	45.31	98.80	43.70	95.60	42.11	89.30	38.97
	-19.8	-20	114.8	49.19	108.5	46.06	102.1	42.97	98.80	41.47	95.60	39.97	89.30	37.01
	-18.8	-19	114.8	47.90	108.5	44.84	102.1	41.86	98.80	40.39	95.60	38.95	89.30	36.07
	-16.7	-17	114.8	45.40	108.5	42.53	102.1	39.71	98.80	38.32	95.60	36.96	89.30	34.25
	-15	-15.9	114.8	43.92	108.5	41.12	102.1	38.38	98.80	37.03	95.60	35.70	89.30	33.06
	-13.7	-15	114.8	42.53	108.5	39.82	102.1	37.17	98.80	35.87	95.60	34.58	89.30	32.04
	-11.8	-13	114.8	40.55	108.5	37.98	102.1	35.46	98.80	34.22	95.60	33.01	89.30	30.59
	-9.8	-11	114.8	38.55	108.5	36.16	102.1	33.76	98.80	32.58	95.60	31.43	89.30	29.15
	-9.5	-10	114.8	37.65	108.5	35.33	102.1	33.06	98.80	31.93	95.60	30.80	89.30	28.62
	-8.5	-9.1	114.8	36.75	108.5	34.49	102.1	32.27	98.80	31.17	95.60	30.09	89.30	27.95
	-7	-7.6	114.8	35.31	108.5	33.15	102.1	31.02	98.80	29.98	95.60	28.95	89.30	26.90
	-5	-5.6	114.8	33.46	108.5	31.44	102.1	29.45	98.80	28.46	95.60	27.49	89.30	25.57
	-3	-3.7	114.8	31.80	108.5	29.87	102.1	28.00	98.80	27.08	95.60	26.15	89.30	24.34
	0	-0.7	114.8	29.35	108.5	27.61	102.1	25.90	98.80	25.05	95.60	24.22	89.30	22.57
	3	2.2	114.8	27.22	108.5	25.62	102.1	24.06	98.80	23.28	95.60	22.54	89.30	21.03
	5	4.1	108.6	23.91	102.3	22.45	95.80	21.02	92.60	20.31	89.40	19.62	82.90	18.23
	7	6	102.3	20.87	95.90	19.55	89.40	18.26	86.10	17.62	82.90	16.99	76.20	15.73
	9	7.9	95.80	18.13	89.30	16.94	82.60	15.76	79.40	15.19	76.10	14.61	69.40	13.49
	11	9.8	89.10	15.66	82.40	14.59	75.90	13.55	72.40	13.03	69.10	12.51	62.40	11.49
	13	11.8	82.10	13.42	75.40	12.46	68.60	11.53	65.30	11.06	61.80	10.62	55.10	9.70
	15	13.7	74.80	11.45	68.10	10.60	61.30	9.78	57.80	9.39	54.30	8.98	47.50	8.18
50	-30	-30.2	93.90	51.00	90.40	48.99	85.00	45.73	82.40	44.13	79.70	42.54	74.50	39.41
	-24.8	-25	95.60	45.57	90.40	42.72	85.00	39.92	82.40	38.53	79.70	37.17	74.50	34.47

24. ARUM540LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	95.60	42.11	90.40	39.49	85.00	36.93	82.40	35.67	79.70	34.42	74.50	31.95
	-19.8	-20	95.60	39.97	90.40	37.50	85.00	35.08	82.40	33.88	79.70	32.71	74.50	30.37
	-18.8	-19	95.60	38.95	90.40	36.55	85.00	34.19	82.40	33.03	79.70	31.89	74.50	29.62
	-16.7	-17	95.60	36.96	90.40	34.71	85.00	32.49	82.40	31.38	79.70	30.30	74.50	28.17
	-15	-15.9	95.60	35.70	90.40	33.49	85.00	31.36	82.40	30.28	79.70	29.24	74.50	27.17
	-13.7	-15	95.60	34.58	90.40	32.45	85.00	30.37	82.40	29.35	79.70	28.33	74.50	26.33
	-11.8	-13	95.60	33.01	90.40	30.99	85.00	29.01	82.40	28.04	79.70	27.08	74.50	25.18
	-9.8	-11	95.60	31.43	90.40	29.52	85.00	27.65	82.40	26.74	79.70	25.81	74.50	24.02
	-9.5	-10	95.60	30.80	90.40	28.98	85.00	27.18	82.40	26.29	79.70	25.41	74.50	23.67
	-8.5	-9.1	95.60	30.09	90.40	28.32	85.00	26.56	82.40	25.70	79.70	24.84	74.50	23.14
	-7	-7.6	95.60	28.95	90.40	27.24	85.00	25.56	82.40	24.73	79.70	23.93	74.50	22.31
	-5	-5.6	95.60	27.49	90.40	25.89	85.00	24.30	82.40	23.52	79.70	22.75	74.50	21.24
	-3	-3.7	95.60	26.15	90.40	24.66	85.00	23.17	82.40	22.42	79.70	21.71	74.50	20.27
	0	-0.7	95.60	24.22	90.40	22.84	85.00	21.49	82.40	20.82	79.70	20.16	74.50	18.84
	3	2.2	95.60	22.54	90.40	21.27	85.00	20.02	82.40	19.42	79.70	18.81	74.50	17.62
	5	4.1	90.50	19.89	85.30	18.73	79.90	17.60	77.20	17.04	74.50	16.47	69.10	15.37
	7	6	85.30	17.47	79.90	16.42	74.50	15.39	71.80	14.87	69.10	14.37	63.50	13.36
	9	7.9	79.90	15.27	74.50	14.33	68.90	13.39	66.10	12.94	63.40	12.48	57.80	11.57
	11	9.8	74.20	13.31	68.80	12.45	63.20	11.60	60.50	11.19	57.50	10.78	51.90	9.97
	13	11.8	68.30	11.50	62.90	10.75	57.20	10.00	54.30	9.62	51.60	9.26	45.90	8.53
	15	13.7	62.40	9.93	56.70	9.26	51.00	8.59	48.30	8.26	45.40	7.93	39.40	7.29

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

24. ARUM540LTE6

24.5 Capacity Correction Factor

24.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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24.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

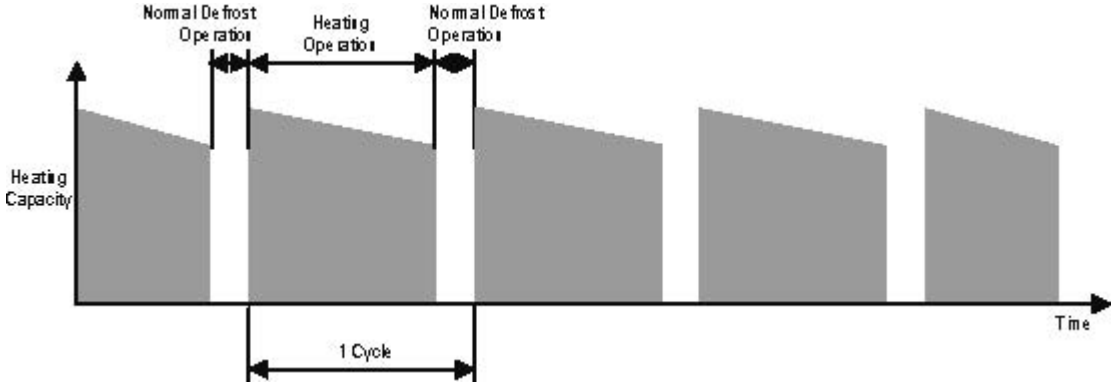
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

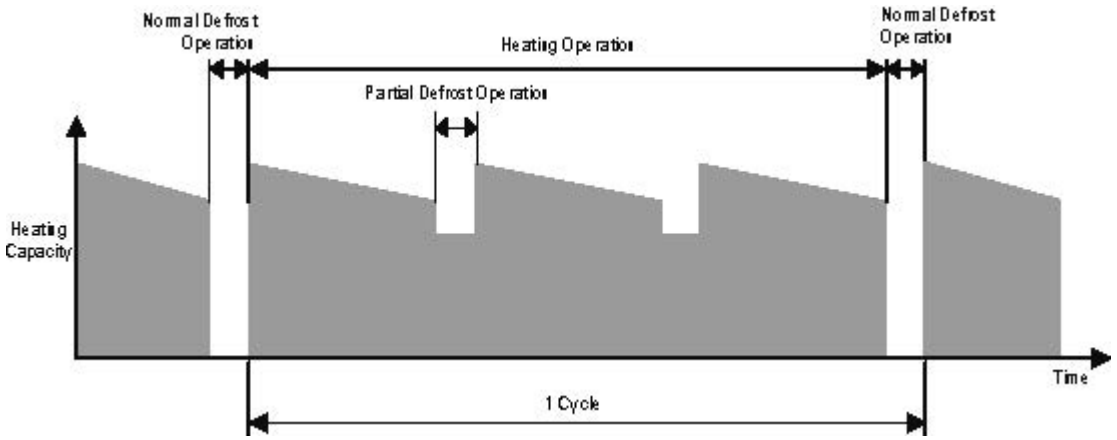
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

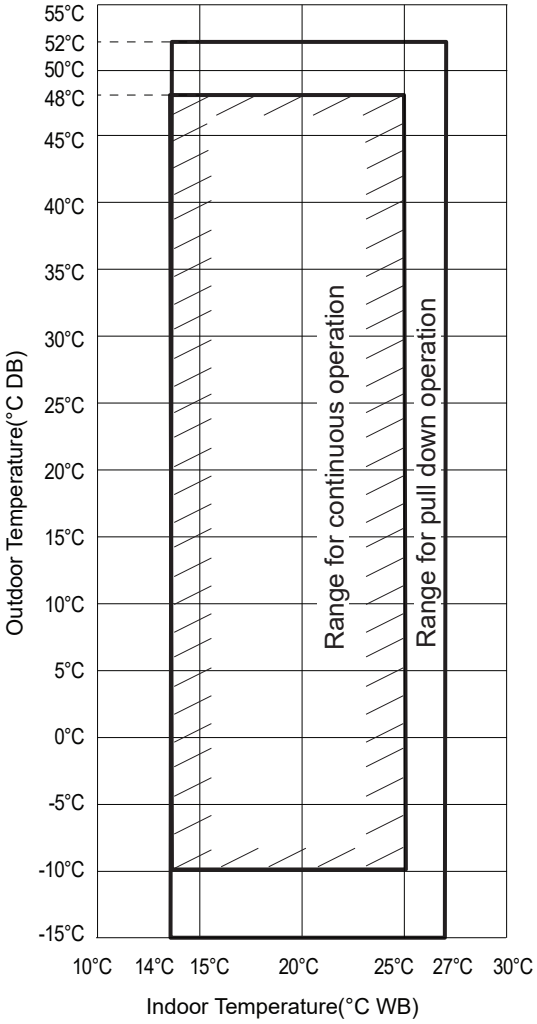


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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24.6 Operation Limits

24.6.1 Cooling

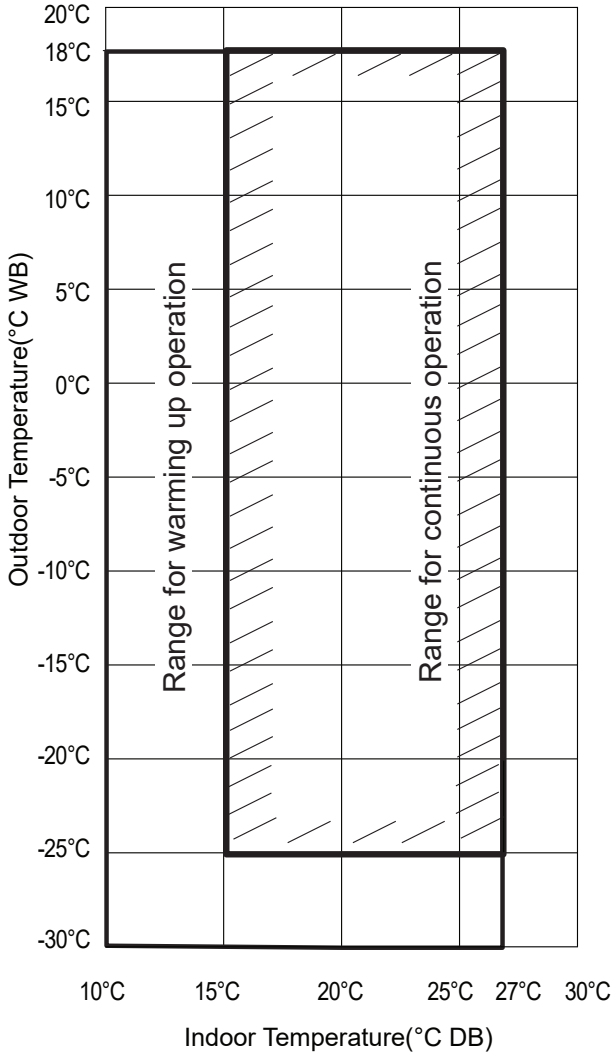


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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24.6.2 Heating

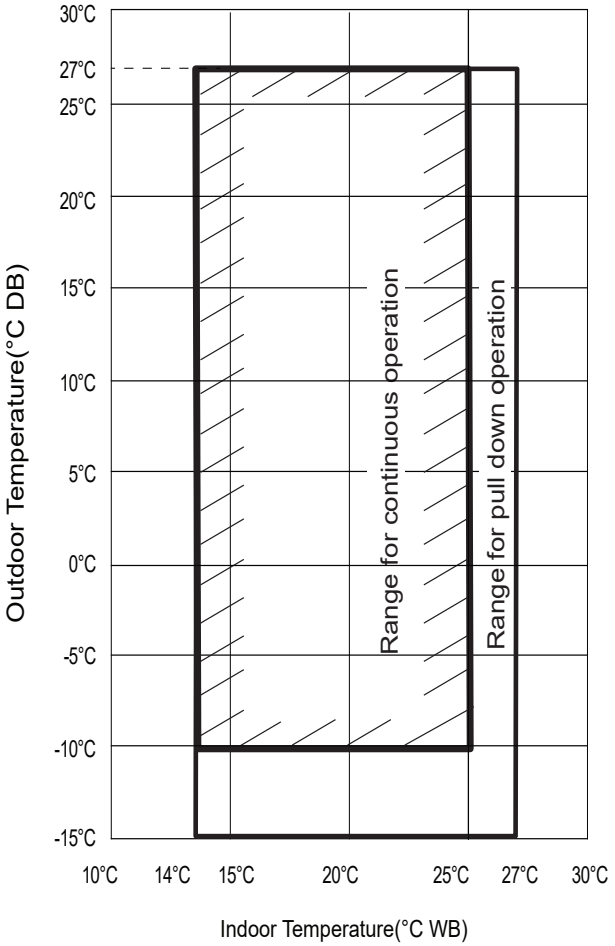


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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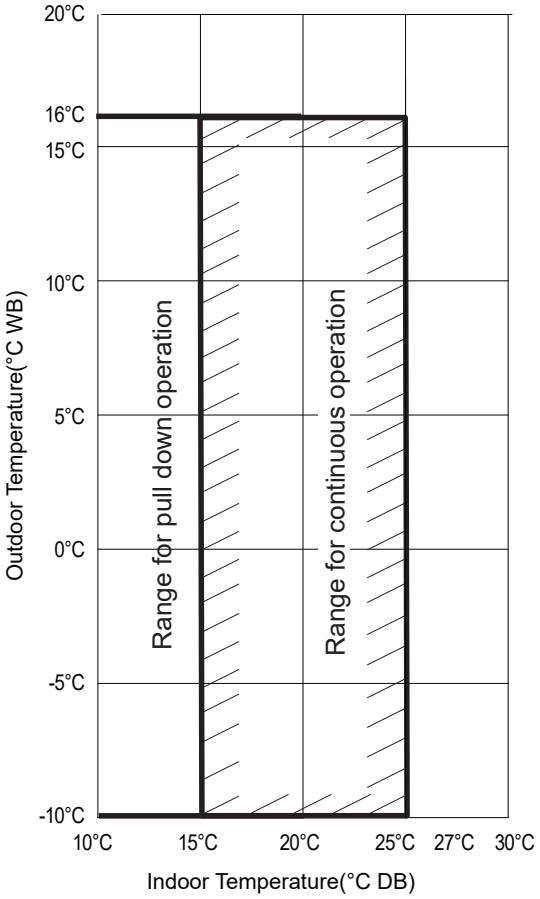
24.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

24.6.4 Simultaneous Operation (Heating)



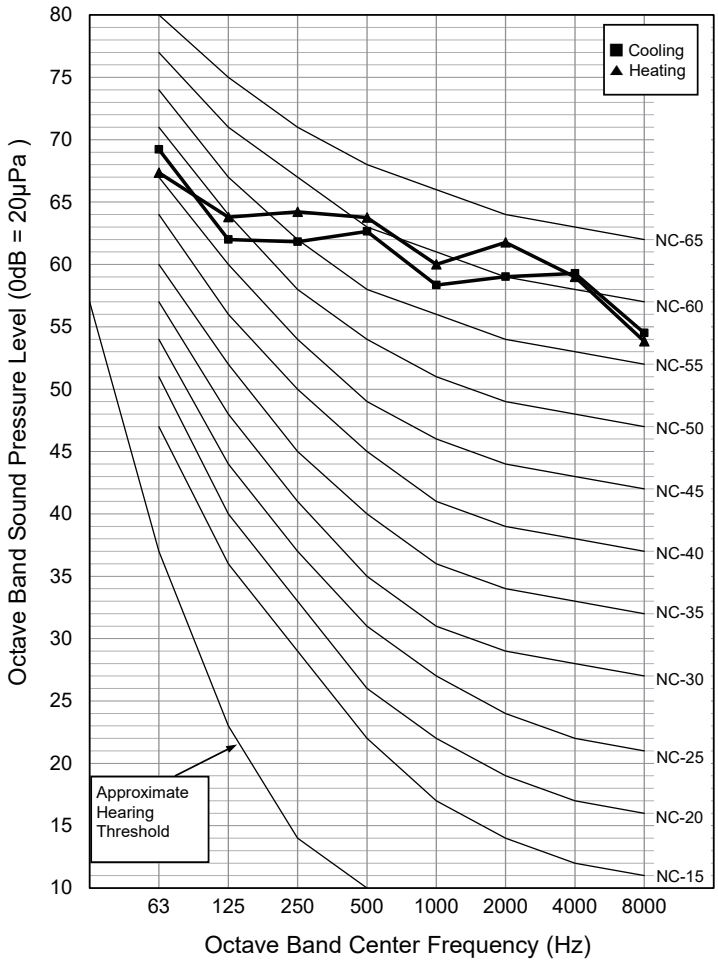
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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24.7 Sound Levels

24.7.1 Pressure Levels



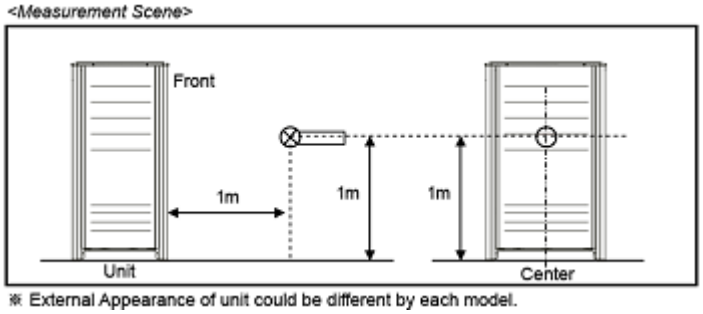
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.2	62.0	61.8	62.7	58.3	59.0	59.3	54.5
Heating[dB]	67.4	63.8	64.2	63.8	60.0	61.8	59.0	53.8

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	66.2 / 67.6

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

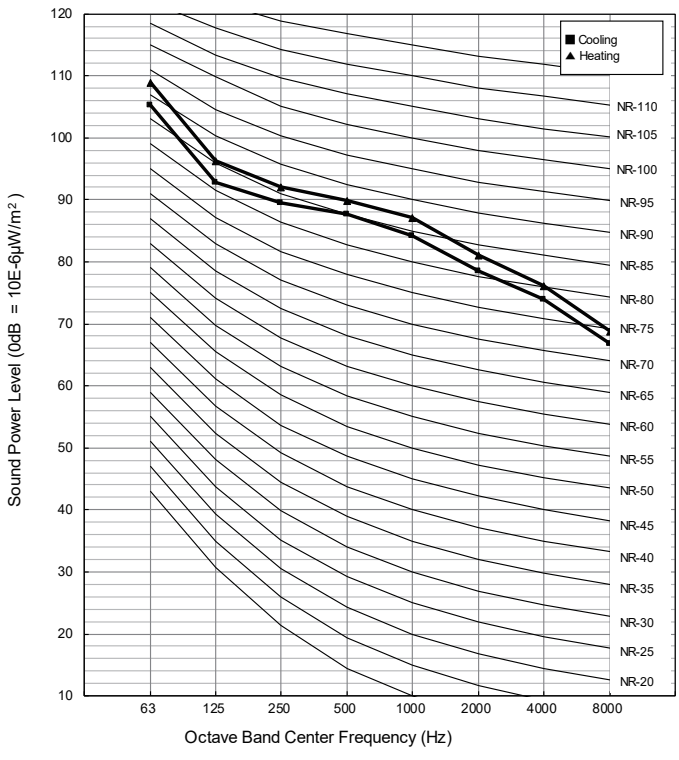
<Measurement Scene>



※ External Appearance of unit could be different by each model.

24. ARUM540LTE6

24.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	105.2	92.8	89.5	87.7	84.1	78.6	74.0	66.7	89.6
Heating [dB]	109.0	96.3	89.5	87.7	84.1	78.6	74.0	66.7	92.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	89.6 / 92.3

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

25. ARUM560LTE6

25.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM160LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	82.55 - 78.42 - 75.59
	Running Current by Voltage (Heating,Rated)	A	57.78 - 54.89 - 52.91
Cooling Capacity	Rated	kW	156.8
		Btu/h	535,000
Heating Capacity	Rated	kW	156.8
		Btu/h	535,000
	Max	kW	176.4
		Btu/h	601,900
Power Input(Cooling)	Rated	kW	50.53
Power Input(Heating)	Rated	kW	35.37
Efficiency	EER(Rated)	W/W	3.10
	COP(Rated)	W/W	4.43
	SEER	Wh/Wh	8.27
	SCOP	Wh/Wh	5.24
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 5
	Number of Revolution	rev./min	3,600 x 5
	Motor Output	W x No.	5,300 x 5
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	3
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 3
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 3
Weight	Net	kg	(300 x 1) + (300 x 1) + (255 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (265 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

25. ARUM560LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	45.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	93.938
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	66.3 / 67.7
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.5 / 92.8
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	121.8
	Maximum Fuse Amperes (MFA)	A	150
	Total Over Current Amperes (TOCA)	A	134.0
	Comp_Maximum Starting Current (MSC)	A	29.5
	Comp_Rated Load Amperes (Cooling)	A	75.0
	Comp_Rated Load Amperes (Heating)	A	50.3
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	7.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

25. ARUM560LTE6

25.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

25. ARUM560LTE6

25.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

25. ARUM560LTE6

25.4 Capacity Tables

25.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	122.4	12.80	154.6	18.16	189.3	26.59	203.8	31.10	219.7	36.97	230.9	40.34	239.7	42.91
	12	122.4	13.99	154.6	19.97	189.3	28.99	203.8	33.69	219.6	39.61	230.8	42.97	239.6	45.63
	14	122.4	15.32	154.6	21.95	189.3	31.62	203.8	36.54	219.5	42.47	230.6	45.87	239.4	48.60
	16	122.4	16.78	154.6	24.15	189.3	34.49	203.8	39.66	219.2	45.48	230.4	49.02	239.1	51.86
	18	122.4	18.41	154.6	26.56	189.3	37.61	203.8	43.07	218.9	48.78	230.1	52.17	238.8	54.52
	20	122.4	20.21	154.6	29.17	189.3	41.03	203.8	46.68	218.5	51.45	229.7	54.54	238.4	56.90
	21	122.4	21.17	154.6	30.59	189.3	42.78	203.8	48.06	218.3	52.68	229.4	55.79	238.2	58.15
	23	122.4	23.27	154.6	33.59	189.3	45.55	203.8	50.78	217.8	54.93	229.0	58.06	237.7	60.43
	25	122.4	25.53	154.6	36.17	189.3	48.08	203.8	53.35	217.3	57.31	228.4	60.56	237.1	63.00
	27	122.4	27.68	154.6	38.37	189.3	50.83	203.8	55.93	216.7	59.96	227.8	63.34	236.5	65.91
	29	122.4	29.50	154.6	40.71	189.3	53.79	203.2	58.64	216.0	62.88	227.2	66.44	235.9	69.18
	31	122.4	31.40	154.6	43.20	189.3	57.06	202.5	61.62	215.3	66.11	226.4	69.96	235.1	72.95
	33	122.4	33.45	154.6	45.88	189.3	60.48	201.8	64.88	214.6	69.72	223.9	73.20	224.8	73.38
	35	122.4	35.61	154.6	48.74	189.3	63.91	201.0	68.47	211.2	72.62	212.3	72.84	213.2	73.01
	37	122.4	37.95	154.6	51.84	188.7	67.56	198.5	71.80	199.9	72.07	200.8	72.26	201.7	72.42
	39	122.4	40.43	154.6	55.19	186.4	70.87	187.3	71.03	188.5	71.22	189.5	71.49	190.4	71.67
	41	122.4	43.10	154.6	58.87	173.4	69.40	173.2	69.39	173.1	69.34	172.9	69.28	173.1	69.38
	43	122.4	45.99	154.6	62.93	159.7	65.93	159.5	65.93	159.5	65.87	159.4	65.93	159.3	65.85
	46	122.4	50.77	140.3	60.74	140.0	60.69	140.0	60.74	140.0	60.66	139.8	60.61	140.0	60.71
	48	122.4	54.28	127.8	57.37	127.6	57.32	127.6	57.29	127.8	57.39	127.6	57.39	127.5	57.31
	50	116.4	54.15	116.2	54.09	116.0	53.99	115.9	54.03	116.0	54.00	115.8	53.96	115.7	53.93
	52	103.4	48.05	104.3	46.37	104.9	44.70	104.9	44.36	104.9	43.95	104.9	43.61	104.9	43.39
120	10	113.1	11.67	142.8	15.89	174.7	22.73	188.1	26.27	203.3	30.91	216.1	35.58	224.7	38.54
	12	113.1	12.69	142.8	17.46	174.7	24.90	188.1	28.67	203.3	33.51	216.1	38.27	224.6	41.10
	14	113.1	13.84	142.8	19.19	174.7	27.27	188.1	31.28	203.3	36.34	216.1	41.22	224.4	43.92
	16	113.1	15.11	142.8	21.10	174.7	29.85	188.1	34.11	203.3	39.45	216.1	44.45	224.2	47.01
	18	113.1	16.54	142.8	23.21	174.7	32.67	188.1	37.22	203.3	42.86	215.8	47.72	223.9	50.39
	20	113.1	18.12	142.8	25.53	174.7	35.73	188.1	40.62	203.3	46.48	215.4	50.53	223.5	52.79
	21	113.1	18.95	142.8	26.76	174.7	37.38	188.1	42.38	203.3	47.86	215.2	51.76	223.3	54.05
	23	113.1	20.80	142.8	29.41	174.7	40.37	188.1	45.15	203.3	50.59	214.7	54.02	222.8	56.31
	25	113.1	22.81	142.8	32.06	174.7	42.88	188.1	47.68	203.3	53.20	214.2	56.38	222.3	58.75
	27	113.1	24.90	142.8	34.26	174.7	45.38	188.1	50.40	203.3	55.78	213.6	58.97	221.7	61.45
	29	113.1	26.59	142.8	36.44	174.7	48.09	188.1	53.35	202.8	58.50	213.0	61.84	221.1	64.45
	31	113.1	28.31	142.8	38.79	174.7	51.00	188.1	56.57	202.1	61.46	212.3	65.02	220.4	67.79
	33	113.1	30.14	142.8	41.29	174.7	54.15	188.1	60.10	201.4	64.72	211.6	68.53	219.7	71.57
	35	113.1	32.10	142.8	43.88	174.7	57.59	188.1	63.51	200.6	68.32	210.8	72.48	212.1	72.83
	37	113.1	34.20	142.8	46.65	174.7	61.38	187.8	67.19	198.8	71.85	199.8	72.04	200.4	72.16
	39	113.1	36.42	142.8	49.62	174.7	65.63	186.4	70.88	187.5	71.06	188.4	71.26	189.2	71.39
	41	113.1	38.82	142.8	52.83	173.4	69.40	173.2	69.36	173.1	69.31	172.9	69.30	172.9	69.30
	43	113.1	41.39	142.8	56.33	159.7	65.98	159.7	65.93	159.5	65.87	159.5	65.90	159.4	65.92
	46	113.1	45.61	140.3	60.79	140.0	60.63	140.0	60.64	140.0	60.68	140.0	60.68	140.0	60.65
	48	113.1	48.71	127.8	57.34	127.8	57.39	127.8	57.42	127.6	57.36	127.6	57.34	127.6	57.26
	50	113.1	52.09	116.2	54.01	115.9	54.03	115.9	54.04	116.0	54.05	115.6	53.79	115.9	53.93
	52	103.2	48.73	104.0	47.08	104.9	45.38	104.9	45.06	104.9	44.69	104.9	44.39	104.9	44.22
110	10	103.6	10.71	130.8	13.97	160.1	19.34	172.5	22.19	186.2	25.76	198.0	29.24	207.2	32.31
	12	103.6	11.57	130.8	15.31	160.1	21.26	172.5	24.32	186.2	28.13	198.0	31.79	207.2	34.95
	14	103.6	12.55	130.8	16.80	160.1	23.37	172.5	26.65	186.2	30.70	198.0	34.55	207.2	37.83

25. ARUM560LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	103.6	13.63	130.8	18.45	160.1	25.69	172.5	29.18	186.2	33.51	198.0	37.58	207.2	41.01
	18	103.6	14.87	130.8	20.27	160.1	28.22	172.5	31.95	186.2	36.58	198.0	40.88	207.2	44.48
	20	103.6	16.22	130.8	22.26	160.1	30.94	172.5	34.97	186.2	39.93	198.0	44.50	207.2	47.98
	21	103.6	16.96	130.8	23.34	160.1	32.38	172.5	36.59	186.2	41.71	198.0	45.97	207.2	49.41
	23	103.6	18.56	130.8	25.65	160.1	35.50	172.5	39.60	186.2	44.51	198.0	48.71	207.2	51.93
	25	103.6	20.32	130.8	28.19	160.1	37.95	172.5	42.11	186.2	47.02	198.0	51.38	207.1	54.30
	27	103.6	22.26	130.8	30.30	160.1	40.24	172.5	44.58	186.2	49.70	198.0	54.25	206.5	56.82
	29	103.6	23.89	130.8	32.25	160.1	42.66	172.5	47.22	186.2	52.64	198.0	57.08	205.9	59.57
	31	103.6	25.42	130.8	34.33	160.1	45.26	172.5	50.10	186.2	55.80	197.9	60.06	205.3	62.62
	33	103.6	27.07	130.8	36.55	160.1	48.05	172.5	53.18	186.2	59.31	197.2	63.24	204.6	65.95
	35	103.6	28.81	130.8	38.93	160.1	51.07	172.5	56.56	186.2	62.87	196.4	66.72	203.8	69.63
	37	103.6	30.69	130.8	41.47	160.1	54.33	172.5	60.26	186.2	66.57	195.7	70.55	199.0	71.88
	39	103.6	32.70	130.8	44.22	160.1	57.90	172.5	64.39	185.4	70.46	187.0	70.96	188.0	71.15
	41	103.6	34.84	130.8	47.18	160.1	61.84	172.5	68.99	173.4	69.41	173.1	69.38	173.1	69.38
	43	103.6	37.14	130.8	50.30	159.7	65.89	159.7	66.00	159.7	65.95	159.5	65.91	159.5	65.91
	46	103.6	40.88	130.8	55.35	140.0	60.71	140.0	60.69	140.0	60.73	140.0	60.74	139.8	60.62
	48	103.6	43.60	127.8	57.38	127.8	57.40	127.8	57.41	127.8	57.37	127.6	57.37	127.6	57.35
	50	103.6	46.53	116.2	54.12	116.0	54.00	116.0	54.05	115.9	53.97	115.9	53.94	115.9	54.00
	52	102.6	48.98	103.5	47.97	104.5	46.21	104.7	45.91	104.9	45.55	104.5	45.26	104.9	44.86
100	10	94.10	9.87	119.0	12.37	145.6	16.39	156.8	18.61	169.4	21.46	180.0	24.10	188.5	26.38
	12	94.10	10.60	119.0	13.50	145.6	18.02	156.8	20.45	169.4	23.54	180.0	26.37	188.5	28.79
	14	94.10	11.42	119.0	14.74	145.6	19.81	156.8	22.50	169.4	25.80	180.0	28.82	188.5	31.39
	16	94.10	12.35	119.0	16.13	145.6	21.79	156.8	24.73	169.4	28.29	180.0	31.52	188.5	34.25
	18	94.10	13.37	119.0	17.68	145.6	23.96	156.8	27.19	169.4	30.99	180.0	34.45	188.5	37.37
	20	94.10	14.55	119.0	19.41	145.6	26.35	156.8	29.87	169.4	33.93	180.0	37.66	188.5	40.75
	21	94.10	15.16	119.0	20.32	145.6	27.62	156.8	31.30	169.4	35.50	180.0	39.36	188.5	42.54
	23	94.10	16.53	119.0	22.31	145.6	30.37	156.8	34.33	169.4	38.57	180.0	42.28	188.5	45.28
	25	94.10	18.07	119.0	24.49	145.6	33.03	156.8	36.87	169.4	41.04	180.0	44.79	188.5	47.81
	27	94.10	19.75	119.0	26.63	145.6	35.23	156.8	39.10	169.4	43.47	180.0	47.39	188.5	50.54
	29	94.10	21.37	119.0	28.39	145.6	37.49	156.8	41.46	169.4	46.08	180.0	50.19	188.5	53.51
	31	94.10	22.72	119.0	30.22	145.6	39.89	156.8	43.99	169.4	48.87	180.0	53.22	188.5	56.74
	33	94.10	24.19	119.0	32.18	145.6	42.36	156.8	46.71	169.4	51.87	180.0	56.52	188.5	60.24
	35	94.10	25.75	119.0	34.28	145.6	44.99	156.8	49.64	169.4	55.16	180.0	60.16	188.5	63.65
	37	94.10	27.41	119.0	36.51	145.6	47.84	156.8	52.79	169.4	58.74	180.0	64.19	188.1	67.32
	39	94.10	29.20	119.0	38.90	145.6	50.90	156.8	56.23	169.4	62.71	180.0	68.11	186.5	70.90
	41	94.10	31.12	119.0	41.47	145.6	54.20	156.8	60.01	169.4	67.14	173.2	69.36	173.4	69.40
	43	94.10	33.16	119.0	44.22	145.6	57.84	156.8	64.20	159.5	65.91	159.7	65.99	159.7	65.99
	46	94.10	36.49	119.0	48.80	140.0	60.69	140.2	60.69	140.2	60.74	140.2	60.76	140.0	60.63
	48	94.10	38.90	119.0	52.16	128.0	57.46	127.8	57.44	127.8	57.39	127.8	57.39	127.8	57.41
	50	94.10	41.49	116.2	54.05	116.2	54.05	116.2	54.05	116.0	53.99	116.0	53.99	116.0	53.99
	52	94.10	44.26	103.2	48.33	103.6	47.08	104.1	46.66	104.5	46.12	104.9	45.62	104.9	45.21
90	10	84.80	8.98	107.0	11.05	131.0	13.98	141.1	15.60	152.3	17.71	162.1	19.77	169.7	21.54
	12	84.80	9.77	107.0	11.96	131.0	15.33	141.1	17.14	152.3	19.47	162.1	21.74	169.7	23.62
	14	84.80	10.44	107.0	13.00	131.0	16.83	141.1	18.83	152.3	21.42	162.1	23.90	169.7	25.88
	16	84.80	11.20	107.0	14.16	131.0	18.48	141.1	20.71	152.3	23.54	162.1	26.26	169.7	28.37
	18	84.80	12.07	107.0	15.45	131.0	20.30	141.1	22.77	152.3	25.90	162.1	28.78	169.7	31.08
	20	84.80	13.03	107.0	16.89	131.0	22.32	141.1	25.03	152.3	28.46	162.1	31.56	169.7	34.03
	21	84.80	13.58	107.0	17.66	131.0	23.39	141.1	26.27	152.3	29.83	162.1	33.05	169.7	35.61
	23	84.80	14.73	107.0	19.34	131.0	25.71	141.1	28.86	152.3	32.79	162.1	36.15	169.7	38.65
	25	84.80	16.02	107.0	21.19	131.0	28.25	141.1	31.52	152.3	35.43	162.1	38.61	169.7	41.15
	27	84.80	17.47	107.0	23.23	131.0	30.35	141.1	33.68	152.3	37.63	162.1	40.92	169.7	43.57

25. ARUM560LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	84.80	19.00	107.0	24.85	131.0	32.31	141.1	35.83	152.3	39.93	162.1	43.38	169.7	46.18
	31	84.80	20.23	107.0	26.45	131.0	34.39	141.1	38.15	152.3	42.38	162.1	46.02	169.7	48.99
	33	84.80	21.50	107.0	28.17	131.0	36.61	141.1	40.62	152.3	45.01	162.1	48.85	169.7	52.01
	35	84.80	22.88	107.0	29.99	131.0	38.99	141.1	43.23	152.3	47.80	162.1	51.92	169.7	55.28
	37	84.80	24.36	107.0	31.93	131.0	41.56	141.1	45.94	152.3	50.84	162.1	55.25	169.7	58.89
	39	84.80	25.95	107.0	34.03	131.0	44.30	141.1	48.87	152.3	54.11	162.1	58.91	169.7	62.87
	41	84.80	27.65	107.0	36.25	131.0	47.27	141.1	52.03	152.3	57.71	162.1	62.93	169.7	67.33
	43	84.80	29.46	107.0	38.64	131.0	50.37	141.1	55.44	152.3	61.65	159.7	65.97	159.7	65.97
	46	84.80	32.41	107.0	42.54	131.0	55.43	140.3	60.79	140.3	60.74	140.0	60.71	140.2	60.76
	48	84.80	34.55	107.0	45.40	128.1	57.47	127.8	57.42	127.8	57.39	127.8	57.37	127.8	57.39
	50	84.80	36.83	107.0	48.49	116.2	54.13	116.2	54.13	116.2	54.07	116.2	54.07	116.2	54.05
	52	84.80	39.29	102.8	48.90	103.6	47.66	104.0	47.16	104.3	46.61	104.5	46.11	104.9	45.72
80	10	75.30	7.97	95.20	9.95	116.5	12.06	125.4	13.20	135.5	14.67	144.0	16.11	150.9	17.37
	12	75.30	9.08	95.20	10.69	116.5	13.14	125.4	14.44	135.5	16.10	144.0	17.71	150.9	19.11
	14	75.30	9.61	95.20	11.51	116.5	14.35	125.4	15.83	135.5	17.68	144.0	19.47	150.9	21.03
	16	75.30	10.23	95.20	12.47	116.5	15.70	125.4	17.35	135.5	19.44	144.0	21.43	150.9	23.12
	18	75.30	10.93	95.20	13.52	116.5	17.19	125.4	19.04	135.5	21.37	144.0	23.57	150.9	25.42
	20	75.30	11.72	95.20	14.70	116.5	18.83	125.4	20.91	135.5	23.49	144.0	25.91	150.9	27.95
	21	75.30	12.15	95.20	15.33	116.5	19.74	125.4	21.91	135.5	24.63	144.0	27.15	150.9	29.30
	23	75.30	13.13	95.20	16.73	116.5	21.64	125.4	24.08	135.5	27.08	144.0	29.85	150.9	32.19
	25	75.30	14.19	95.20	18.27	116.5	23.76	125.4	26.45	135.5	29.69	144.0	32.52	150.9	34.85
	27	75.30	15.42	95.20	19.98	116.5	25.88	125.4	28.60	135.5	31.81	144.0	34.73	150.9	37.10
	29	75.30	16.78	95.20	21.60	116.5	27.61	125.4	30.45	135.5	33.85	144.0	36.94	150.9	39.38
	31	75.30	17.92	95.20	22.98	116.5	29.40	125.4	32.41	135.5	36.03	144.0	39.31	150.9	41.78
	33	75.30	19.02	95.20	24.47	116.5	31.31	125.4	34.52	135.5	38.36	144.0	41.81	150.9	44.37
	35	75.30	20.22	95.20	26.05	116.5	33.34	125.4	36.74	135.5	40.87	144.0	44.40	150.9	47.14
	37	75.30	21.51	95.20	27.73	116.5	35.52	125.4	39.16	135.5	43.53	144.0	47.20	150.9	50.13
	39	75.30	22.91	95.20	29.54	116.5	37.83	125.4	41.73	135.5	46.39	144.0	50.23	150.9	53.35
	41	75.30	24.41	95.20	31.47	116.5	40.34	125.4	44.51	135.5	49.37	144.0	53.49	150.9	56.86
	43	75.30	26.01	95.20	33.54	116.5	43.00	125.4	47.48	135.5	52.58	144.0	57.03	150.9	60.72
	46	75.30	28.62	95.20	36.92	116.5	47.42	125.4	52.42	135.5	57.95	140.0	60.66	140.0	60.69
	48	75.30	30.53	95.20	39.36	116.5	50.68	125.4	55.92	127.8	57.40	127.8	57.35	127.8	57.35
	50	75.30	32.55	95.20	41.98	116.2	54.04	116.2	54.08	116.2	54.09	116.2	54.04	116.0	54.04
	52	75.30	34.70	95.20	44.78	103.1	48.30	103.5	47.77	104.0	47.24	104.1	46.71	104.5	46.33
70	10	66.00	6.58	83.20	8.84	101.9	10.53	109.7	11.32	118.5	12.31	126.0	13.29	131.9	14.13
	12	66.00	8.47	83.20	9.65	101.9	11.38	109.7	12.29	118.5	13.44	126.0	14.54	131.9	15.49
	14	66.00	8.88	83.20	10.30	101.9	12.32	109.7	13.36	118.5	14.68	126.0	15.92	131.9	17.01
	16	66.00	9.38	83.20	11.03	101.9	13.39	109.7	14.58	118.5	16.07	126.0	17.47	131.9	18.67
	18	66.00	9.94	83.20	11.87	101.9	14.57	109.7	15.93	118.5	17.61	126.0	19.18	131.9	20.52
	20	66.00	10.58	83.20	12.82	101.9	15.90	109.7	17.42	118.5	19.30	126.0	21.06	131.9	22.56
	21	66.00	10.93	83.20	13.34	101.9	16.61	109.7	18.22	118.5	20.23	126.0	22.08	131.9	23.63
	23	66.00	11.71	83.20	14.46	101.9	18.16	109.7	19.98	118.5	22.20	126.0	24.26	131.9	25.98
	25	66.00	12.57	83.20	15.72	101.9	19.89	109.7	21.89	118.5	24.37	126.0	26.66	131.9	28.54
	27	66.00	13.57	83.20	17.12	101.9	21.77	109.7	23.95	118.5	26.51	126.0	28.80	131.9	30.65
	29	66.00	14.71	83.20	18.64	101.9	23.40	109.7	25.61	118.5	28.25	126.0	30.66	131.9	32.63
	31	66.00	15.80	83.20	19.83	101.9	24.90	109.7	27.27	118.5	30.10	126.0	32.65	131.9	34.73
	33	66.00	16.74	83.20	21.09	101.9	26.50	109.7	29.03	118.5	32.04	126.0	34.75	131.9	36.98
	35	66.00	17.77	83.20	22.44	101.9	28.23	109.7	30.92	118.5	34.12	126.0	37.00	131.9	39.39
	37	66.00	18.89	83.20	23.88	101.9	30.06	109.7	32.93	118.5	36.36	126.0	39.42	131.9	41.96
	39	66.00	20.09	83.20	25.44	101.9	32.04	109.7	35.09	118.5	38.73	126.0	42.02	131.9	44.74
	41	66.00	21.39	83.20	27.11	101.9	34.12	109.7	37.40	118.5	41.29	126.0	44.83	131.9	47.74

25. ARUM560LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	66.00	22.80	83.20	28.89	101.9	36.36	109.7	39.85	118.5	44.02	126.0	47.83	131.9	50.82
	46	66.00	25.10	83.20	31.78	101.9	40.04	109.7	43.90	118.5	48.57	126.0	52.77	131.9	55.96
	48	66.00	26.78	83.20	33.89	101.9	42.70	109.7	46.86	118.5	51.92	126.0	56.31	128.0	57.44
	50	66.00	28.56	83.20	36.12	101.9	45.57	109.7	50.06	116.2	54.11	116.2	54.04	116.2	54.09
	52	66.00	30.46	83.20	38.51	101.9	48.66	103.0	48.63	103.3	48.03	103.8	47.53	103.9	47.12
60	10	56.50	5.25	71.40	7.34	87.30	9.25	94.10	9.86	101.6	10.51	108.1	11.14	113.1	11.69
	12	56.50	7.73	71.40	8.81	87.30	9.98	94.10	10.58	101.6	11.35	108.1	12.08	113.1	12.71
	14	56.50	8.07	71.40	9.29	87.30	10.68	94.10	11.39	101.6	12.29	108.1	13.13	113.1	13.84
	16	56.50	8.47	71.40	9.85	87.30	11.50	94.10	12.32	101.6	13.34	108.1	14.31	113.1	15.12
	18	56.50	8.93	71.40	10.49	87.30	12.40	94.10	13.34	101.6	14.52	108.1	15.63	113.1	16.55
	20	56.50	9.44	71.40	11.22	87.30	13.44	94.10	14.52	101.6	15.84	108.1	17.07	113.1	18.12
	21	56.50	9.73	71.40	11.62	87.30	13.99	94.10	15.13	101.6	16.55	108.1	17.87	113.1	18.97
	23	56.50	10.36	71.40	12.49	87.30	15.19	94.10	16.50	101.6	18.10	108.1	19.58	113.1	20.80
	25	56.50	11.07	71.40	13.49	87.30	16.56	94.10	18.01	101.6	19.81	108.1	21.45	113.1	22.81
	27	56.50	11.89	71.40	14.61	87.30	18.07	94.10	19.71	101.6	21.70	108.1	23.50	113.1	24.90
	29	56.50	12.82	71.40	15.86	87.30	19.62	94.10	21.34	101.6	23.34	108.1	25.14	113.1	26.60
	31	56.50	13.83	71.40	16.99	87.30	20.87	94.10	22.69	101.6	24.83	108.1	26.75	113.1	28.31
	33	56.50	14.63	71.40	18.03	87.30	22.20	94.10	24.13	101.6	26.43	108.1	28.49	113.1	30.16
	35	56.50	15.50	71.40	19.16	87.30	23.63	94.10	25.70	101.6	28.15	108.1	30.34	113.1	32.12
	37	56.50	16.45	71.40	20.36	87.30	25.16	94.10	27.36	101.6	29.97	108.1	32.30	113.1	34.21
	39	56.50	17.47	71.40	21.69	87.30	26.81	94.10	29.14	101.6	31.93	108.1	34.43	113.1	36.45
	41	56.50	18.61	71.40	23.09	87.30	28.57	94.10	31.07	101.6	34.03	108.1	36.68	113.1	38.84
	43	56.50	19.82	71.40	24.61	87.30	30.43	94.10	33.10	101.6	36.25	108.1	39.10	113.1	41.41
	46	56.50	21.83	71.40	27.10	87.30	33.49	94.10	36.41	101.6	39.90	108.1	43.05	113.1	45.64
	48	56.50	23.29	71.40	28.90	87.30	35.70	94.10	38.82	101.6	42.55	108.1	45.93	113.1	48.74
	50	56.50	24.85	71.40	30.82	87.30	38.05	94.10	41.40	101.6	45.42	108.1	49.08	113.1	52.12
	52	56.50	26.54	71.40	32.87	87.30	40.57	94.10	44.17	101.6	48.51	103.0	48.68	103.2	48.29
50	10	47.10	4.14	59.40	5.63	72.80	7.56	78.40	8.39	84.60	8.97	90.10	9.55	94.30	9.87
	12	47.10	6.38	59.40	7.95	72.80	8.90	78.40	9.29	84.60	9.76	90.10	10.21	94.30	10.60
	14	47.10	7.31	59.40	8.33	72.80	9.40	78.40	9.85	84.60	10.44	90.10	10.97	94.30	11.42
	16	47.10	7.62	59.40	8.76	72.80	9.97	78.40	10.52	84.60	11.20	90.10	11.82	94.30	12.35
	18	47.10	7.96	59.40	9.23	72.80	10.64	78.40	11.28	84.60	12.05	90.10	12.78	94.30	13.37
	20	47.10	8.35	59.40	9.80	72.80	11.39	78.40	12.13	84.60	13.03	90.10	13.85	94.30	14.55
	21	47.10	8.58	59.40	10.09	72.80	11.80	78.40	12.59	84.60	13.55	90.10	14.43	94.30	15.18
	23	47.10	9.08	59.40	10.77	72.80	12.72	78.40	13.62	84.60	14.70	90.10	15.71	94.30	16.55
	25	47.10	9.65	59.40	11.54	72.80	13.73	78.40	14.77	84.60	16.01	90.10	17.14	94.30	18.07
	27	47.10	10.29	59.40	12.42	72.80	14.90	78.40	16.05	84.60	17.44	90.10	18.71	94.30	19.75
	29	47.10	11.02	59.40	13.41	72.80	16.18	78.40	17.48	84.60	18.97	90.10	20.30	94.30	21.37
	31	47.10	11.84	59.40	14.46	72.80	17.31	78.40	18.64	84.60	20.20	90.10	21.60	94.30	22.73
	33	47.10	12.57	59.40	15.29	72.80	18.38	78.40	19.80	84.60	21.47	90.10	22.97	94.30	24.19
	35	47.10	13.27	59.40	16.19	72.80	19.53	78.40	21.06	84.60	22.85	90.10	24.46	94.30	25.76
	37	47.10	14.03	59.40	17.19	72.80	20.76	78.40	22.40	84.60	24.33	90.10	26.03	94.30	27.44
	39	47.10	14.89	59.40	18.28	72.80	22.10	78.40	23.85	84.60	25.92	90.10	27.73	94.30	29.23
	41	47.10	15.83	59.40	19.44	72.80	23.55	78.40	25.41	84.60	27.60	90.10	29.55	94.30	31.13
	43	47.10	16.85	59.40	20.72	72.80	25.10	78.40	27.08	84.60	29.43	90.10	31.50	94.30	33.17
	46	47.10	18.58	59.40	22.83	72.80	27.64	78.40	29.82	84.60	32.38	90.10	34.65	94.30	36.50
	48	47.10	19.88	59.40	24.35	72.80	29.47	78.40	31.79	84.60	34.50	90.10	36.94	94.30	38.91
	50	47.10	21.30	59.40	25.99	72.80	31.43	78.40	33.87	84.60	36.78	90.10	39.38	94.30	41.49
	52	47.10	22.85	59.40	27.74	72.80	33.50	78.40	36.12	84.60	39.23	90.10	41.99	94.30	44.29

25. ARUM560LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

25. ARUM560LTE6

25.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	33.30	2.28	53.50	3.64	75.90	5.23	81.20	5.64	86.50	6.05	92.10	6.49	98.00	7.03
	12	33.30	2.28	53.50	3.65	75.90	5.28	81.20	5.69	86.50	6.10	92.10	6.54	98.00	7.13
	14	33.30	2.28	53.50	3.67	75.90	5.36	81.20	5.77	86.50	6.20	92.10	6.67	98.00	7.29
	16	33.30	2.28	53.50	3.72	75.90	5.48	81.20	5.92	86.50	6.39	92.10	6.90	98.00	7.62
	18	33.30	2.30	53.50	3.82	75.90	5.74	81.20	6.26	86.50	6.80	92.10	7.42	98.00	8.33
	20	33.30	2.38	53.50	4.05	75.90	6.44	81.20	7.12	86.50	7.84	92.10	8.67	98.00	10.10
	21	37.80	2.97	57.70	5.11	79.80	8.64	85.10	9.27	90.40	9.98	95.70	10.58	101.1	11.46
	23	46.50	6.99	66.30	8.67	88.20	11.06	93.20	11.69	98.30	12.36	102.8	12.99	107.8	14.02
	25	55.70	8.63	75.00	10.74	96.80	13.84	101.4	14.61	106.4	15.44	110.1	16.12	114.5	17.33
	27	65.00	10.88	84.00	13.52	105.5	17.51	110.0	18.45	114.5	19.39	117.6	20.04	128.0	22.91
	29	74.50	13.93	93.00	17.10	114.5	21.66	118.7	22.64	123.2	23.71	130.5	25.59	151.2	32.26
	31	84.30	17.52	102.5	21.17	123.7	26.62	127.6	27.71	138.6	30.97	154.5	36.09	174.7	44.37
	33	94.40	21.95	112.0	26.21	133.0	32.71	146.5	37.33	163.0	43.55	178.3	49.30	198.0	58.96
	35	104.7	27.56	122.1	32.50	156.2	45.51	170.8	51.49	187.3	58.70	202.1	65.16	217.3	72.40
	37	104.7	29.38	122.1	34.66	156.2	48.41	170.8	54.80	187.3	62.63	202.1	69.10	205.6	71.71
	39	104.7	31.31	122.1	36.93	156.2	51.53	170.8	58.43	187.3	67.00	194.2	70.09	191.8	71.04
	41	104.7	33.38	122.1	39.38	156.2	54.92	170.8	62.43	179.6	67.12	179.6	67.14	177.3	67.81
	43	104.7	35.59	122.1	42.00	156.2	58.61	165.5	63.62	165.3	63.57	165.3	63.57	163.4	64.33
	46	104.7	39.18	122.1	46.29	145.3	58.59	145.3	58.59	145.1	58.53	145.3	58.58	143.3	59.14
	48	104.7	41.79	122.1	49.46	132.5	55.38	132.7	55.50	132.5	55.39	132.2	55.31	130.7	55.94
	50	104.7	44.60	120.5	51.94	120.3	51.90	120.3	51.94	120.3	51.88	120.1	51.84	118.6	52.50
	52	103.5	46.79	105.5	44.99	106.7	43.43	106.9	43.11	107.3	42.79	107.5	42.49	107.2	42.80
120	10	30.80	2.11	49.30	3.36	70.00	4.82	74.80	5.17	79.80	5.55	85.10	5.93	90.40	6.40
	12	30.80	2.11	49.30	3.36	70.00	4.84	74.80	5.22	79.80	5.58	85.10	5.99	90.40	6.48
	14	30.80	2.10	49.30	3.38	70.00	4.89	74.80	5.27	79.80	5.68	85.10	6.09	90.40	6.60
	16	30.80	2.11	49.30	3.41	70.00	5.00	74.80	5.40	79.80	5.81	85.10	6.27	90.40	6.86
	18	30.80	2.13	49.30	3.48	70.00	5.20	74.80	5.66	79.80	6.14	85.10	6.65	90.40	7.43
	20	30.80	2.18	49.30	3.66	70.00	5.75	74.80	6.33	79.80	6.95	85.10	7.64	90.40	8.92
	21	34.80	2.67	53.20	4.54	73.70	7.60	78.60	8.49	83.40	9.07	88.20	9.69	93.50	10.55
	23	43.10	6.68	61.10	8.17	81.50	10.27	86.00	10.78	90.70	11.37	94.90	11.91	99.40	12.80
	25	51.50	8.17	69.20	10.03	89.30	12.70	93.80	13.36	98.20	14.07	101.6	14.64	105.6	15.69
	27	59.90	10.17	77.50	12.49	97.40	15.91	101.6	16.71	105.8	17.57	108.6	18.16	118.1	20.65
	29	68.80	12.90	85.90	15.72	105.6	19.70	109.5	20.54	113.7	21.46	120.6	23.10	139.7	28.81
	31	77.80	16.19	94.60	19.35	114.2	24.06	117.8	25.01	128.0	27.81	142.5	32.19	161.3	39.59
	33	87.10	20.11	103.6	23.82	122.9	29.43	135.2	33.41	150.6	38.81	164.6	44.11	182.8	52.46
	35	96.60	25.08	112.6	29.36	144.2	40.71	157.7	46.15	173.0	52.35	186.5	58.31	203.7	66.95
	37	96.60	26.73	112.6	31.30	144.2	43.42	157.7	49.10	173.0	55.74	186.5	62.18	202.9	70.81
	39	96.60	28.49	112.6	33.37	144.2	46.31	157.7	52.27	173.0	59.44	186.5	66.52	191.8	70.68
	41	96.60	30.37	112.6	35.58	144.2	49.37	157.7	55.71	173.0	63.53	179.6	67.10	177.3	67.82
	43	96.60	32.37	112.6	37.93	144.2	52.58	157.7	59.48	165.4	63.58	165.4	63.58	163.4	64.25
	46	96.60	35.66	112.6	41.76	144.2	57.96	145.3	58.58	145.1	58.52	145.1	58.54	143.3	59.19
	48	96.60	38.01	112.6	44.56	132.5	55.42	132.5	55.42	132.5	55.41	132.3	55.30	130.8	55.99
	50	96.60	40.54	112.6	47.58	120.3	51.90	120.3	51.90	120.5	51.97	120.3	51.86	118.8	52.53
	52	96.60	43.26	105.2	45.64	106.3	44.06	106.5	43.74	106.7	43.42	106.9	43.17	106.7	43.59
110	10	28.30	1.91	45.30	3.08	64.10	4.38	68.60	4.71	73.10	5.05	77.90	5.40	82.90	5.81
	12	28.30	1.91	45.30	3.08	64.10	4.41	68.60	4.75	73.10	5.08	77.90	5.43	82.90	5.89
	14	28.30	1.91	45.30	3.10	64.10	4.46	68.60	4.78	73.10	5.15	77.90	5.51	82.90	5.97
	16	28.30	1.93	45.30	3.12	64.10	4.53	68.60	4.88	73.10	5.26	77.90	5.66	82.90	6.17
	18	28.30	1.93	45.30	3.17	64.10	4.69	68.60	5.09	73.10	5.51	77.90	5.94	82.90	6.61

25. ARUM560LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	28.30	1.96	45.30	3.30	64.10	5.10	68.60	5.60	73.10	6.13	77.90	6.72	82.90	7.73
	21	31.90	2.39	48.80	4.02	67.50	6.56	72.00	7.30	76.40	8.12	80.90	8.75	85.70	9.73
	23	39.50	6.40	56.00	7.72	74.70	9.53	78.90	9.98	83.20	10.46	87.10	10.90	91.20	11.68
	25	47.10	7.72	63.50	9.35	81.80	11.65	85.90	12.19	89.90	12.79	93.20	13.28	96.90	14.18
	27	54.90	9.50	71.10	11.52	89.30	14.43	93.00	15.11	96.90	15.83	99.60	16.34	108.3	18.54
	29	63.00	11.92	78.70	14.39	96.90	17.88	100.5	18.60	104.2	19.38	110.6	20.77	128.0	25.62
	31	71.40	14.92	86.80	17.63	104.7	21.69	108.0	22.50	117.3	24.89	130.7	28.61	147.8	34.84
	33	79.80	18.38	94.90	21.55	112.6	26.38	124.0	29.75	138.0	34.33	150.9	38.95	167.5	46.40
	35	88.50	22.75	103.3	26.43	132.1	36.10	144.5	40.92	158.5	46.46	171.0	51.50	187.3	60.25
	37	88.50	24.23	103.3	28.16	132.1	38.48	144.5	43.63	158.5	49.43	171.0	54.82	187.3	64.33
	39	88.50	25.83	103.3	30.03	132.1	41.02	144.5	46.55	158.5	52.63	171.0	58.45	187.3	68.56
	41	88.50	27.55	103.3	32.01	132.1	43.76	144.5	49.58	158.5	56.09	171.0	62.46	177.5	67.84
	43	88.50	29.36	103.3	34.13	132.1	46.70	144.5	52.84	158.5	59.89	165.5	63.59	163.4	64.30
	46	88.50	32.33	103.3	37.57	132.1	51.58	144.5	58.24	145.3	58.62	145.3	58.56	143.3	59.18
	48	88.50	34.47	103.3	40.07	132.1	55.16	132.5	55.33	132.5	55.42	132.5	55.36	130.7	55.91
	50	88.50	36.75	103.3	42.72	120.5	51.93	120.5	51.93	120.3	51.93	120.3	51.86	118.8	52.53
	52	88.50	39.21	103.3	45.56	105.7	44.83	105.9	44.51	106.1	44.19	105.7	43.91	106.3	44.07
100	10	25.70	1.74	41.20	2.79	58.30	3.98	62.40	4.27	66.60	4.56	70.80	4.88	75.30	5.26
	12	25.70	1.74	41.20	2.79	58.30	3.99	62.40	4.29	66.60	4.58	70.80	4.90	75.30	5.30
	14	25.70	1.74	41.20	2.79	58.30	4.03	62.40	4.32	66.60	4.63	70.80	4.96	75.30	5.36
	16	25.70	1.74	41.20	2.82	58.30	4.08	62.40	4.39	66.60	4.71	70.80	5.06	75.30	5.51
	18	25.70	1.76	41.20	2.86	58.30	4.19	62.40	4.55	66.60	4.89	70.80	5.29	75.30	5.82
	20	25.70	1.78	41.20	2.96	58.30	4.52	62.40	4.93	66.60	5.35	70.80	5.85	75.30	6.68
	21	29.10	2.14	44.50	3.52	61.60	5.63	65.50	6.23	69.50	6.88	73.60	7.57	77.80	8.74
	23	35.80	6.09	51.00	7.25	67.80	8.82	71.70	9.21	75.60	9.61	79.00	10.01	82.90	10.64
	25	42.80	7.28	57.70	8.70	74.50	10.66	78.10	11.14	81.80	11.63	84.80	12.03	88.00	12.79
	27	49.90	8.86	64.60	10.60	81.20	13.07	84.60	13.63	88.20	14.25	90.50	14.66	98.30	16.49
	29	57.40	10.99	71.70	13.11	88.00	16.13	91.30	16.75	94.70	17.44	100.5	18.61	116.5	22.68
	31	64.90	13.69	78.90	16.02	95.20	19.47	98.00	20.14	106.7	22.18	118.8	25.29	134.4	30.52
	33	72.50	16.74	86.20	19.44	102.5	23.53	112.6	26.38	125.4	30.21	137.2	34.07	152.3	40.67
	35	80.60	20.54	93.80	23.67	120.1	31.84	131.4	35.87	144.2	40.72	155.4	45.25	170.2	52.59
	37	80.60	21.88	93.80	25.23	120.1	33.94	131.4	38.23	144.2	43.42	155.4	48.12	170.2	56.00
	39	80.60	23.33	93.80	26.88	120.1	36.18	131.4	40.76	144.2	46.32	155.4	51.22	170.2	59.72
	41	80.60	24.86	93.80	28.66	120.1	38.57	131.4	43.48	144.2	49.37	155.4	54.58	170.2	63.85
	43	80.60	26.52	93.80	30.58	120.1	41.13	131.4	46.40	144.2	52.61	155.4	58.23	163.7	64.40
	46	80.60	29.20	93.80	33.66	120.1	45.33	131.4	51.23	144.2	57.98	145.3	58.60	143.3	59.13
	48	80.60	31.14	93.80	35.89	120.1	48.41	131.4	54.81	132.5	55.40	132.3	55.33	130.7	55.91
	50	80.60	33.22	93.80	38.27	120.1	51.72	120.5	51.91	120.3	51.93	120.5	51.96	118.6	52.44
	52	80.60	35.43	93.80	40.81	104.9	45.73	105.5	45.25	105.7	44.71	106.1	44.28	105.9	44.42
90	10	23.20	1.57	37.00	2.51	52.40	3.56	56.20	3.84	59.90	4.10	63.80	4.36	67.80	4.70
	12	23.20	1.57	37.00	2.51	52.40	3.58	56.20	3.84	59.90	4.10	63.80	4.38	67.80	4.73
	14	23.20	1.57	37.00	2.51	52.40	3.61	56.20	3.87	59.90	4.15	63.80	4.43	67.80	4.78
	16	23.20	1.57	37.00	2.53	52.40	3.64	56.20	3.92	59.90	4.20	63.80	4.50	67.80	4.88
	18	23.20	1.57	37.00	2.55	52.40	3.73	56.20	4.02	59.90	4.33	63.80	4.66	67.80	5.11
	20	23.20	1.59	37.00	2.63	52.40	3.94	56.20	4.30	59.90	4.66	63.80	5.07	67.80	5.73
	21	26.10	1.87	40.00	3.06	55.40	4.79	58.80	5.27	62.50	5.79	66.10	6.34	70.00	7.60
	23	32.20	5.81	45.90	6.82	61.10	8.17	64.40	8.50	68.00	8.84	71.10	9.16	74.50	9.72
	25	38.60	6.85	51.80	8.09	66.90	9.75	70.30	10.15	73.60	10.57	76.20	10.91	79.20	11.53
	27	45.10	8.24	58.00	9.73	73.10	11.81	76.20	12.29	79.30	12.78	81.50	13.12	88.50	14.66
	29	51.50	10.10	64.40	11.89	79.20	14.50	82.10	15.04	85.10	15.60	90.40	16.59	104.7	20.00
	31	58.30	12.50	70.90	14.52	85.70	17.40	88.20	17.98	96.00	19.65	107.0	22.24	121.0	26.57

25. ARUM560LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	65.30	15.21	77.60	17.46	92.10	20.88	101.4	23.27	112.9	26.44	123.5	29.60	137.2	35.01
	35	72.50	18.49	84.50	21.11	108.1	27.90	118.4	31.23	129.7	35.23	140.0	39.04	153.2	45.59
	37	72.50	19.67	84.50	22.48	108.1	29.74	118.4	33.30	129.7	37.54	140.0	41.63	153.2	48.49
	39	72.50	20.95	84.50	23.96	108.1	31.70	118.4	35.49	129.7	40.04	140.0	44.40	153.2	51.61
	41	72.50	22.34	84.50	25.54	108.1	33.80	118.4	37.85	129.7	42.70	140.0	47.39	153.2	55.00
	43	72.50	23.83	84.50	27.25	108.1	36.04	118.4	40.35	129.7	45.56	140.0	50.60	153.2	58.69
	46	72.50	26.26	84.50	30.00	108.1	39.68	118.4	44.46	129.7	50.29	140.0	55.69	143.5	59.22
	48	72.50	28.02	84.50	31.99	108.1	42.33	118.4	47.47	129.7	53.79	132.5	55.40	131.0	56.04
	50	72.50	29.89	84.50	34.12	108.1	45.16	118.4	50.72	120.3	51.90	120.3	51.92	118.8	52.55
	52	72.50	31.88	84.50	36.39	104.7	46.17	105.1	45.70	105.5	45.17	105.7	44.71	105.7	44.89
80	10	20.50	1.40	33.00	2.22	46.70	3.16	49.90	3.39	53.20	3.62	56.60	3.87	60.20	4.15
	12	20.50	1.40	33.00	2.22	46.70	3.16	49.90	3.41	53.20	3.64	56.60	3.87	60.20	4.18
	14	20.50	1.39	33.00	2.22	46.70	3.19	49.90	3.41	53.20	3.66	56.60	3.90	60.20	4.21
	16	20.50	1.39	33.00	2.22	46.70	3.21	49.90	3.46	53.20	3.69	56.60	3.95	60.20	4.28
	18	20.50	1.39	33.00	2.25	46.70	3.26	49.90	3.52	53.20	3.79	56.60	4.07	60.20	4.43
	20	20.50	1.39	33.00	2.30	46.70	3.42	49.90	3.72	53.20	4.02	56.60	4.35	60.20	4.87
	21	23.20	1.64	35.50	2.64	49.20	4.05	52.40	4.43	55.70	4.84	58.80	5.25	62.20	6.21
	23	28.60	5.36	40.80	6.40	54.30	7.55	57.40	7.83	60.50	8.11	63.30	8.37	66.30	8.84
	25	34.20	6.43	46.20	7.50	59.60	8.90	62.40	9.24	65.50	9.58	67.80	9.86	70.50	10.37
	27	40.00	7.65	51.60	8.91	65.00	10.65	67.70	11.04	70.60	11.44	72.50	11.73	78.70	12.97
	29	45.90	9.25	57.40	10.76	70.50	12.91	73.10	13.36	75.80	13.84	80.40	14.70	93.20	17.53
	31	51.80	11.34	63.00	13.08	76.10	15.50	78.40	15.96	85.40	17.34	95.20	19.45	107.5	22.96
	33	58.00	13.71	68.90	15.62	82.00	18.44	90.20	20.39	100.3	22.98	109.7	25.54	121.8	29.91
	35	64.40	16.56	75.10	18.72	96.00	24.30	105.2	27.00	115.3	30.23	124.3	33.30	136.1	38.73
	37	64.40	17.60	75.10	19.92	96.00	25.89	105.2	28.79	115.3	32.22	124.3	35.49	136.1	41.28
	39	64.40	18.74	75.10	21.23	96.00	27.60	105.2	30.69	115.3	34.35	124.3	37.85	136.1	44.04
	41	64.40	19.98	75.10	22.64	96.00	29.43	105.2	32.71	115.3	36.62	124.3	40.36	136.1	47.00
	43	64.40	21.31	75.10	24.14	96.00	31.38	105.2	34.88	115.3	39.06	124.3	43.04	136.1	50.17
	46	64.40	23.48	75.10	26.60	96.00	34.55	105.2	38.39	115.3	43.01	124.3	47.45	136.1	55.25
	48	64.40	25.05	75.10	28.38	96.00	36.84	105.2	40.94	115.3	45.90	124.3	50.72	131.0	56.02
	50	64.40	26.75	75.10	30.28	96.00	39.27	105.2	43.68	115.3	49.02	120.3	51.90	118.9	52.51
	52	64.40	28.56	75.10	32.29	96.00	41.88	103.8	45.78	105.2	45.80	105.3	45.27	105.3	45.46
70	10	17.90	1.22	28.80	1.94	40.90	2.76	43.70	2.96	46.50	3.16	49.60	3.36	52.70	3.62
	12	17.90	1.22	28.80	1.94	40.90	2.76	43.70	2.96	46.50	3.16	49.60	3.39	52.70	3.64
	14	17.90	1.22	28.80	1.94	40.90	2.79	43.70	2.98	46.50	3.18	49.60	3.39	52.70	3.66
	16	17.90	1.22	28.80	1.94	40.90	2.79	43.70	2.99	46.50	3.21	49.60	3.43	52.70	3.69
	18	17.90	1.22	28.80	1.96	40.90	2.84	43.70	3.04	46.50	3.26	49.60	3.49	52.70	3.82
	20	17.90	1.22	28.80	1.99	40.90	2.94	43.70	3.16	46.50	3.41	49.60	3.69	52.70	4.08
	21	20.40	1.41	31.10	2.25	43.10	3.36	45.90	3.67	48.70	3.99	51.50	4.32	54.60	4.99
	23	25.20	4.57	35.60	5.87	47.60	6.96	50.10	7.19	52.90	7.44	55.40	7.64	58.00	8.03
	25	30.00	6.04	40.30	6.91	52.10	8.09	54.60	8.37	57.40	8.65	59.30	8.87	61.60	9.32
	27	35.00	7.06	45.10	8.12	56.80	9.56	59.10	9.89	61.60	10.22	63.30	10.43	68.90	11.44
	29	40.10	8.41	50.10	9.68	61.60	11.44	63.90	11.81	66.30	12.20	70.30	12.88	81.50	15.24
	31	45.40	10.21	55.20	11.70	66.60	13.72	68.60	14.12	74.70	15.21	83.20	16.91	94.10	19.70
	33	50.70	12.26	60.40	13.88	71.70	16.19	78.90	17.75	87.90	19.82	96.00	21.84	106.7	25.32
	35	56.30	14.72	65.80	16.50	84.00	20.99	92.10	23.15	100.8	25.71	108.9	28.13	119.3	32.40
	37	56.30	15.63	65.80	17.54	84.00	22.36	92.10	24.66	100.8	27.41	108.9	29.98	119.3	34.53
	39	56.30	16.63	65.80	18.68	84.00	23.84	92.10	26.30	100.8	29.21	108.9	31.96	119.3	36.80
	41	56.30	17.73	65.80	19.92	84.00	25.42	92.10	28.03	100.8	31.15	108.9	34.08	119.3	39.25
	43	56.30	18.93	65.80	21.24	84.00	27.09	92.10	29.89	100.8	33.22	108.9	36.33	119.3	41.87
	46	56.30	20.86	65.80	23.42	84.00	29.85	92.10	32.92	100.8	36.55	108.9	40.00	119.3	46.16

25. ARUM560LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	56.30	22.28	65.80	24.99	84.00	31.82	92.10	35.09	100.8	38.98	108.9	42.67	119.3	49.31
	50	56.30	23.79	65.80	26.68	84.00	33.95	92.10	37.43	100.8	41.56	108.9	45.53	118.8	52.52
	52	56.30	25.42	65.80	28.47	84.00	36.19	92.10	39.91	100.8	44.35	105.0	46.11	104.7	46.27
60	10	15.40	1.05	24.70	1.66	35.00	2.37	37.50	2.54	40.00	2.71	42.50	2.88	45.10	3.10
	12	15.40	1.05	24.70	1.66	35.00	2.37	37.50	2.54	40.00	2.71	42.50	2.88	45.10	3.10
	14	15.40	1.03	24.70	1.66	35.00	2.37	37.50	2.54	40.00	2.71	42.50	2.90	45.10	3.10
	16	15.40	1.03	24.70	1.66	35.00	2.39	37.50	2.56	40.00	2.73	42.50	2.90	45.10	3.13
	18	15.40	1.03	24.70	1.68	35.00	2.39	37.50	2.58	40.00	2.76	42.50	2.95	45.10	3.20
	20	15.40	1.03	24.70	1.68	35.00	2.46	37.50	2.66	40.00	2.86	42.50	3.08	45.10	3.38
	21	17.40	1.19	26.60	1.87	36.90	2.76	39.20	3.00	41.70	3.25	44.20	3.50	46.70	3.96
	23	21.50	3.23	30.50	4.83	40.60	6.40	43.10	6.59	45.40	6.77	47.40	6.96	49.80	7.27
	25	26.50	5.74	34.70	6.38	44.80	7.34	46.80	7.56	49.00	7.78	50.90	7.97	52.90	8.32
	27	30.00	6.52	38.70	7.37	48.70	8.55	50.70	8.80	52.90	9.07	54.30	9.25	59.10	10.06
	29	34.40	7.65	42.90	8.66	52.90	10.09	54.80	10.38	56.80	10.68	60.20	11.24	69.80	13.10
	31	38.90	9.12	47.30	10.33	57.10	12.02	58.80	12.33	63.90	13.24	71.40	14.58	80.60	16.77
	33	43.40	10.88	51.80	12.20	61.40	14.08	67.50	15.35	75.30	16.94	82.30	18.52	91.30	21.20
	35	48.40	12.91	56.30	14.38	72.00	17.97	78.90	19.64	86.50	21.63	93.20	23.50	102.2	26.78
	37	48.40	13.69	56.30	15.27	72.00	19.12	78.90	20.93	86.50	23.05	93.20	25.03	102.2	28.54
	39	48.40	14.52	56.30	16.24	72.00	20.37	78.90	22.29	86.50	24.56	93.20	26.68	102.2	30.42
	41	48.40	15.44	56.30	17.32	72.00	21.73	78.90	23.79	86.50	26.20	93.20	28.46	102.2	32.43
	43	48.40	16.44	56.30	18.49	72.00	23.17	78.90	25.37	86.50	27.94	93.20	30.35	102.2	34.58
	46	48.40	18.14	56.30	20.43	72.00	25.54	78.90	27.94	86.50	30.77	93.20	33.41	102.2	38.05
	48	48.40	19.42	56.30	21.82	72.00	27.24	78.90	29.81	86.50	32.80	93.20	35.61	102.2	40.58
	50	48.40	20.80	56.30	23.32	72.00	29.08	78.90	31.80	86.50	34.98	93.20	37.98	102.2	43.31
	52	48.40	22.32	56.30	24.91	72.00	31.03	78.90	33.90	86.50	37.29	93.20	40.49	102.2	46.23
50	10	12.90	0.96	20.70	1.39	29.10	1.97	31.10	2.11	33.30	2.25	35.50	2.39	37.80	2.57
	12	12.90	0.96	20.70	1.39	29.10	1.97	31.10	2.11	33.30	2.25	35.50	2.39	37.80	2.57
	14	12.90	0.96	20.70	1.39	29.10	1.97	31.10	2.11	33.30	2.25	35.50	2.39	37.80	2.59
	16	12.90	0.96	20.70	1.37	29.10	1.97	31.10	2.11	33.30	2.25	35.50	2.42	37.80	2.59
	18	12.90	0.96	20.70	1.39	29.10	1.99	31.10	2.13	33.30	2.27	35.50	2.44	37.80	2.64
	20	12.90	0.96	20.70	1.39	29.10	2.01	31.10	2.16	33.30	2.32	35.50	2.49	37.80	2.72
	21	14.50	0.97	22.10	1.53	30.80	2.22	32.80	2.39	34.70	2.56	36.70	2.76	38.90	3.08
	23	17.90	2.20	25.50	3.28	33.90	5.57	35.80	5.89	37.80	6.17	39.50	6.31	41.40	6.55
	25	24.50	5.67	28.80	5.87	37.20	6.63	39.00	6.80	40.90	6.97	42.30	7.11	44.00	7.39
	27	25.30	6.04	32.20	6.66	40.60	7.59	42.30	7.79	44.00	7.99	45.30	8.13	49.30	8.77
	29	28.60	6.89	35.80	7.70	44.00	8.81	45.60	9.05	47.30	9.28	50.20	9.70	58.20	11.13
	31	32.50	8.08	39.50	9.03	47.60	10.38	49.00	10.63	53.20	11.36	59.40	12.44	67.20	14.15
	33	36.40	9.55	43.10	10.60	51.20	12.09	56.30	13.07	62.70	14.34	68.60	15.53	76.20	17.54
	35	40.30	11.20	47.00	12.37	60.00	15.22	65.80	16.50	72.00	17.97	77.80	19.36	85.10	21.78
	37	40.30	11.82	47.00	13.08	60.00	16.19	65.80	17.54	72.00	19.14	77.80	20.61	85.10	23.21
	39	40.30	12.50	47.00	13.87	60.00	17.24	65.80	18.68	72.00	20.39	77.80	21.97	85.10	24.74
	41	40.30	13.26	47.00	14.75	60.00	18.35	65.80	19.92	72.00	21.73	77.80	23.42	85.10	26.38
	43	40.30	14.09	47.00	15.70	60.00	19.59	65.80	21.25	72.00	23.17	77.80	24.97	85.10	28.13
	46	40.30	15.50	47.00	17.30	60.00	21.59	65.80	23.42	72.00	25.54	77.80	27.51	85.10	30.98
	48	40.30	16.55	47.00	18.51	60.00	23.05	65.80	24.99	72.00	27.27	77.80	29.36	85.10	33.03
	50	40.30	17.68	47.00	19.81	60.00	24.63	65.80	26.69	72.00	29.08	77.80	31.31	85.10	35.23
	52	40.30	18.92	47.00	21.24	60.00	26.30	65.80	28.49	72.00	31.03	77.80	33.41	85.10	37.56

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

25. ARUM560LTE6

25.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	105.1	50.54	104.3	50.97	103.4	51.40	103.1	51.61	102.8	51.83	102.0	52.24
	-24.8	-25	122.3	53.14	121.4	53.62	120.5	54.09	120.0	54.32	119.7	54.57	118.8	55.03
	-21.8	-22	133.0	54.63	132.1	55.15	131.2	55.64	130.7	55.90	130.3	56.13	129.3	56.62
	-19.8	-20	140.6	55.64	139.7	56.16	138.6	56.68	138.0	56.94	137.7	57.20	136.8	57.71
	-18.8	-19	144.5	56.14	143.4	56.68	142.5	57.22	141.9	57.48	141.4	57.74	140.5	58.24
	-16.7	-17	152.4	57.17	151.5	57.72	150.4	58.26	149.8	58.55	149.5	58.81	148.4	59.33
	-15	-15.9	157.4	57.75	156.3	58.32	155.2	58.89	154.6	59.16	154.0	59.44	153.1	59.96
	-13.7	-15	161.6	58.28	160.5	58.86	159.5	59.44	159.0	59.73	158.4	60.01	157.5	60.56
	-11.8	-13	169.9	59.27	168.7	59.87	167.6	60.45	167.0	60.74	166.4	61.02	165.3	61.59
	-9.8	-11	179.1	60.33	177.7	60.93	176.5	61.54	176.0	61.83	175.4	62.12	174.2	62.69
	-9.5	-10	183.4	60.82	182.2	61.43	181.0	62.05	180.4	62.35	179.6	62.66	178.4	63.23
	-8.5	-9.1	187.8	61.30	186.4	61.94	185.2	62.55	184.6	62.86	184.0	63.15	182.7	63.75
	-7	-7.6	195.1	62.11	193.9	62.77	192.5	63.40	191.9	63.70	191.1	64.01	189.9	64.61
	-5	-5.6	205.5	63.22	204.0	63.89	202.6	64.52	202.0	64.84	201.2	65.16	199.8	65.78
	-3	-3.7	215.6	64.29	214.1	64.98	212.7	65.64	211.9	65.96	211.2	66.30	200.7	62.47
	0	-0.7	232.4	66.03	230.7	66.72	229.1	67.37	222.1	64.82	215.0	62.23	200.7	57.13
	3	2.2	249.2	67.71	243.6	66.70	229.3	61.80	222.1	59.43	215.0	57.06	200.7	52.46
	5	4.1	257.9	67.69	243.6	62.99	229.3	58.41	222.1	56.18	215.0	53.97	200.7	49.64
	7	6	257.9	63.87	243.6	59.46	229.3	55.17	222.1	53.07	215.0	50.98	200.7	46.93
	9	7.9	257.9	60.13	243.6	56.00	229.3	51.97	222.1	50.00	215.0	48.06	200.7	44.26
	11	9.8	257.9	56.54	243.6	52.68	229.3	48.93	222.1	47.08	215.0	45.29	200.7	41.73
	13	11.8	257.9	52.94	243.6	49.36	229.3	45.90	222.1	44.18	215.0	42.51	200.7	39.22
	15	13.7	257.9	49.70	243.6	46.39	229.3	43.15	222.1	41.57	215.0	40.00	200.7	36.95
120	-30	-30.2	104.6	50.77	103.7	51.20	103.1	51.63	102.8	51.84	102.3	52.04	101.7	52.47
	-24.8	-25	121.7	53.45	120.8	53.92	120.0	54.40	119.5	54.63	119.1	54.86	118.3	55.32
	-21.8	-22	132.4	55.01	131.5	55.50	130.4	55.99	130.1	56.24	129.6	56.48	128.7	56.96
	-19.8	-20	139.7	56.04	138.8	56.56	138.0	57.08	137.4	57.34	136.9	57.57	136.0	58.08
	-18.8	-19	143.7	56.56	142.8	57.09	141.7	57.62	141.1	57.88	140.8	58.12	139.7	58.63
	-16.7	-17	151.6	57.63	150.6	58.18	149.5	58.72	149.0	58.98	148.6	59.24	147.5	59.76
	-15	-15.9	156.3	58.24	155.4	58.81	154.3	59.35	153.7	59.62	153.2	59.90	152.3	60.42
	-13.7	-15	160.7	58.80	159.6	59.38	158.7	59.93	158.1	60.22	157.6	60.48	156.6	61.03
	-11.8	-13	168.9	59.82	167.8	60.42	166.6	60.99	166.1	61.26	165.5	61.54	164.3	62.09
	-9.8	-11	177.9	60.93	176.5	61.54	175.4	62.12	174.8	62.40	174.2	62.69	173.1	63.26
	-9.5	-10	182.2	61.45	181.0	62.06	179.6	62.66	179.0	62.95	178.4	63.24	177.3	63.81
	-8.5	-9.1	186.4	61.97	185.2	62.57	183.8	63.18	183.2	63.47	182.6	63.78	181.5	64.35
	-7	-7.6	193.7	62.83	192.5	63.44	191.1	64.07	190.5	64.36	189.9	64.67	185.1	63.51
	-5	-5.6	203.8	63.98	202.3	64.64	200.9	65.27	200.3	65.56	198.5	65.25	185.1	59.90
	-3	-3.7	213.8	65.12	212.4	65.78	210.9	66.42	205.0	64.20	198.5	61.63	185.1	56.62
	0	-0.7	230.1	66.95	224.9	65.83	211.7	61.04	205.0	58.68	198.5	56.36	185.1	51.84
	3	2.2	238.0	64.80	224.9	60.35	211.7	56.00	205.0	53.87	198.5	51.77	185.1	47.66
	5	4.1	238.0	61.21	224.9	57.04	211.7	52.97	205.0	50.97	198.5	49.00	185.1	45.15
	7	6	238.0	57.80	224.9	53.87	211.7	50.04	205.0	48.16	198.5	46.31	185.1	42.68
	9	7.9	238.0	54.43	224.9	50.76	211.7	47.18	205.0	45.42	198.5	43.70	185.1	40.29
	11	9.8	238.0	51.22	224.9	47.79	211.7	44.45	205.0	42.81	198.5	41.21	185.1	38.03
	13	11.8	238.0	48.03	224.9	44.85	211.7	41.75	205.0	40.21	198.5	38.72	185.1	35.77

25. ARUM560LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	238.0	45.13	224.9	42.18	211.7	39.30	205.0	37.88	198.5	36.48	185.1	33.73
110	-30	-30.2	104.0	51.06	103.4	51.49	102.6	51.89	102.3	52.12	102.0	52.32	101.2	52.72
	-24.8	-25	121.1	53.82	120.2	54.29	119.4	54.75	118.9	54.98	118.5	55.20	117.7	55.64
	-21.8	-22	131.5	55.44	130.7	55.93	129.8	56.41	129.3	56.65	128.9	56.88	128.1	57.36
	-19.8	-20	138.9	56.51	138.0	57.02	137.1	57.52	136.6	57.77	136.2	58.03	135.1	58.49
	-18.8	-19	142.8	57.05	141.7	57.57	140.8	58.09	140.2	58.34	139.9	58.58	139.0	59.09
	-16.7	-17	150.6	58.17	149.5	58.70	148.6	59.24	148.1	59.50	147.5	59.75	146.6	60.25
	-15	-15.9	155.2	58.81	154.3	59.36	153.2	59.90	152.6	60.16	152.2	60.42	151.1	60.94
	-13.7	-15	159.6	59.39	158.5	59.96	157.5	60.51	157.0	60.79	156.4	61.05	155.5	61.57
	-11.8	-13	167.5	60.48	166.4	61.05	165.3	61.60	164.7	61.88	164.3	62.15	163.2	62.69
	-9.8	-11	176.5	61.63	175.1	62.23	174.0	62.80	173.4	63.07	172.8	63.35	169.7	62.81
	-9.5	-10	180.7	62.18	179.5	62.78	178.2	63.35	177.6	63.64	177.0	63.93	169.7	61.16
	-8.5	-9.1	184.9	62.72	183.5	63.32	182.4	63.90	181.8	64.21	181.2	64.48	169.7	59.59
	-7	-7.6	192.0	63.63	190.8	64.24	189.4	64.84	187.9	64.68	182.0	62.12	169.7	57.08
	-5	-5.6	201.8	64.87	200.6	65.50	194.0	63.44	187.9	61.00	182.0	58.59	169.7	53.87
	-3	-3.7	211.8	66.07	206.1	64.64	194.0	59.94	187.9	57.66	182.0	55.38	169.7	50.97
	0	-0.7	218.4	63.42	206.1	59.08	194.0	54.85	187.9	52.78	182.0	50.72	169.7	46.72
	3	2.2	218.4	58.16	206.1	54.22	194.0	50.39	187.9	48.51	182.0	46.66	169.7	43.02
	5	4.1	218.4	54.98	206.1	51.29	194.0	47.70	187.9	45.94	182.0	44.19	169.7	40.78
	7	6	218.4	51.95	206.1	48.48	194.0	45.09	187.9	43.42	182.0	41.78	169.7	38.58
	9	7.9	218.4	48.97	206.1	45.72	194.0	42.56	187.9	40.99	182.0	39.47	169.7	36.45
	11	9.8	218.4	46.12	206.1	43.10	194.0	40.13	187.9	38.68	182.0	37.25	169.7	34.44
	13	11.8	218.4	43.27	206.1	40.47	194.0	37.73	187.9	36.37	182.0	35.04	169.7	32.43
	15	13.7	218.4	40.73	206.1	38.11	194.0	35.56	187.9	34.29	182.0	33.04	169.7	30.62
100	-30	-30.2	103.4	51.40	102.8	51.81	102.0	52.23	101.7	52.43	101.4	52.64	100.6	53.04
	-24.8	-25	120.3	54.25	119.4	54.71	118.6	55.17	118.2	55.38	117.7	55.61	117.1	56.04
	-21.8	-22	130.7	55.93	129.8	56.42	128.9	56.88	128.4	57.13	128.1	57.36	127.2	57.82
	-19.8	-20	138.0	57.05	136.9	57.57	136.0	58.06	135.7	58.29	135.1	58.54	134.3	59.01
	-18.8	-19	141.6	57.63	140.8	58.14	139.7	58.64	139.3	58.89	138.8	59.13	137.9	59.61
	-16.7	-17	149.5	58.81	148.4	59.32	147.5	59.84	146.9	60.10	146.4	60.33	145.5	60.82
	-15	-15.9	154.0	59.47	152.9	60.02	152.0	60.53	151.4	60.79	150.9	61.05	150.0	61.54
	-13.7	-15	158.2	60.10	157.3	60.65	156.4	61.20	155.8	61.46	155.3	61.72	154.3	62.19
	-11.8	-13	166.1	61.23	164.9	61.78	163.8	62.32	163.3	62.60	162.9	62.86	154.3	59.12
	-9.8	-11	174.8	62.46	173.6	63.03	172.5	63.58	170.8	63.31	165.4	60.83	154.3	55.94
	-9.5	-10	179.0	63.04	177.6	63.61	176.4	64.12	170.8	61.64	165.4	59.23	154.3	54.49
	-8.5	-9.1	182.9	63.61	181.8	64.19	176.4	62.45	170.8	60.07	165.4	57.71	154.3	53.11
	-7	-7.6	189.9	64.58	187.3	64.45	176.4	59.82	170.8	57.53	165.4	55.30	154.3	50.89
	-5	-5.6	198.5	65.25	187.3	60.78	176.4	56.42	170.8	54.31	165.4	52.19	154.3	48.08
	-3	-3.7	198.5	61.64	187.3	57.45	176.4	53.36	170.8	51.36	165.4	49.38	154.3	45.52
	0	-0.7	198.5	56.36	187.3	52.58	176.4	48.89	170.8	47.07	165.4	45.30	154.3	41.79
	3	2.2	198.5	51.78	187.3	48.34	176.4	44.99	170.8	43.35	165.4	41.71	154.3	38.53
	5	4.1	198.5	49.00	187.3	45.77	176.4	42.63	170.8	41.08	165.4	39.56	154.3	36.56
	7	6	198.5	46.31	187.3	43.27	176.4	40.32	170.8	38.87	165.4	37.44	154.3	34.60
	9	7.9	198.5	43.70	187.3	40.86	176.4	38.10	170.8	36.73	165.4	35.37	154.3	32.74
	11	9.8	198.5	41.21	187.3	38.56	176.4	35.97	170.8	34.70	165.4	33.45	154.3	30.97
	13	11.8	198.5	38.72	187.3	36.26	176.4	33.85	170.8	32.67	165.4	31.49	154.3	29.20
	15	13.7	198.5	36.48	187.3	34.17	176.4	31.94	170.8	30.82	165.4	29.73	154.3	27.60

25. ARUM560LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	102.8	51.80	102.0	52.21	101.4	52.61	101.1	52.81	100.6	53.01	100.0	53.39
	-24.8	-25	119.4	54.77	118.5	55.23	117.7	55.66	117.4	55.89	116.9	56.10	116.0	56.53
	-21.8	-22	129.5	56.53	128.7	56.99	127.8	57.48	127.3	57.71	127.0	57.91	126.1	58.37
	-19.8	-20	136.6	57.72	135.7	58.20	134.8	58.69	134.5	58.92	134.0	59.15	133.1	59.61
	-18.8	-19	140.5	58.32	139.4	58.83	138.5	59.30	137.9	59.55	137.6	59.78	136.7	60.24
	-16.7	-17	148.0	59.56	146.9	60.07	146.0	60.56	145.5	60.82	145.0	61.05	138.9	58.35
	-15	-15.9	152.5	60.28	151.4	60.79	150.5	61.31	150.0	61.54	148.7	61.41	138.9	56.48
	-13.7	-15	156.7	60.94	155.8	61.48	154.7	62.00	153.7	61.96	148.7	59.50	138.9	54.70
	-11.8	-13	164.3	62.12	163.2	62.66	158.8	61.20	153.7	58.88	148.7	56.57	138.9	52.06
	-9.8	-11	172.8	63.44	168.6	62.32	158.8	57.88	153.7	55.70	148.7	53.54	138.9	49.33
	-9.5	-10	176.7	64.05	168.6	60.68	158.8	56.37	153.7	54.26	148.7	52.16	138.9	48.07
	-8.5	-9.1	178.6	63.41	168.6	59.12	158.8	54.95	153.7	52.87	148.7	50.85	138.9	46.87
	-7	-7.6	178.6	60.74	168.6	56.64	158.8	52.64	153.7	50.68	148.7	48.76	138.9	44.95
	-5	-5.6	178.6	57.28	168.6	53.46	158.8	49.70	153.7	47.87	148.7	46.07	138.9	42.49
	-3	-3.7	178.6	54.17	168.6	50.58	158.8	47.05	153.7	45.32	148.7	43.61	138.9	40.27
	0	-0.7	178.6	49.63	168.6	46.37	158.8	43.19	153.7	41.62	148.7	40.07	138.9	37.03
	3	2.2	178.6	45.66	168.6	42.70	158.8	39.81	153.7	38.38	148.7	36.98	138.9	34.22
	5	4.1	178.6	43.25	168.6	40.47	158.8	37.75	153.7	36.41	148.7	35.10	138.9	32.49
	7	6	178.6	40.91	168.6	38.29	158.8	35.73	153.7	34.48	148.7	33.23	138.9	30.78
	9	7.9	178.6	38.63	168.6	36.18	158.8	33.80	153.7	32.62	148.7	31.44	138.9	29.16
	11	9.8	178.6	36.49	168.6	34.20	158.8	31.95	153.7	30.85	148.7	29.76	138.9	27.60
	13	11.8	178.6	34.32	168.6	32.20	158.8	30.10	153.7	29.09	148.7	28.06	138.9	26.07
	15	13.7	178.6	32.38	168.6	30.39	158.8	28.43	153.7	27.48	148.7	26.54	138.9	24.67
80	-30	-30.2	102.0	52.29	101.2	52.69	100.6	53.09	100.3	53.27	100.0	53.47	99.20	53.85
	-24.8	-25	118.2	55.41	117.4	55.86	116.6	56.29	116.2	56.49	115.7	56.70	115.1	57.12
	-21.8	-22	128.1	57.27	127.3	57.73	126.4	58.17	126.1	58.40	125.6	58.62	123.5	58.14
	-19.8	-20	135.1	58.52	134.3	59.00	133.4	59.46	132.9	59.69	132.1	59.72	123.5	55.05
	-18.8	-19	138.8	59.17	137.9	59.64	137.0	60.12	136.5	60.35	132.2	58.16	123.5	53.59
	-16.7	-17	146.1	60.47	145.2	60.96	141.1	59.46	136.7	57.24	132.2	55.05	123.5	50.74
	-15	-15.9	150.6	61.25	149.7	61.74	141.1	57.56	136.7	55.41	132.2	53.28	123.5	49.10
	-13.7	-15	154.7	61.97	149.8	60.04	141.1	55.75	136.7	53.64	132.2	51.56	123.5	47.50
	-11.8	-13	158.8	61.20	149.8	57.08	141.1	53.05	136.7	51.08	132.2	49.14	123.5	45.27
	-9.8	-11	158.8	57.88	149.8	54.01	141.1	50.27	136.7	48.40	132.2	46.56	123.5	42.97
	-9.5	-10	158.8	56.37	149.8	52.63	141.1	48.98	136.7	47.18	132.2	45.40	123.5	41.93
	-8.5	-9.1	158.8	54.95	149.8	51.30	141.1	47.75	136.7	46.01	132.2	44.27	123.5	40.89
	-7	-7.6	158.8	52.64	149.8	49.17	141.1	45.78	136.7	44.13	132.2	42.48	123.5	39.23
	-5	-5.6	158.8	49.70	149.8	46.46	141.1	43.28	136.7	41.72	132.2	40.17	123.5	37.14
	-3	-3.7	158.8	47.05	149.8	43.99	141.1	41.00	136.7	39.54	132.2	38.10	123.5	35.25
	0	-0.7	158.8	43.19	149.8	40.42	141.1	37.70	136.7	36.39	132.2	35.05	123.5	32.47
	3	2.2	158.8	39.81	149.8	37.28	141.1	34.83	136.7	33.61	132.2	32.40	123.5	30.05
	5	4.1	158.8	37.75	149.8	35.39	141.1	33.07	136.7	31.91	132.2	30.78	123.5	28.56
	7	6	158.8	35.73	149.8	33.50	141.1	31.32	136.7	30.25	132.2	29.19	123.5	27.09
	9	7.9	158.8	33.80	149.8	31.70	141.1	29.67	136.7	28.66	132.2	27.66	123.5	25.71
	11	9.8	158.8	31.95	149.8	29.99	141.1	28.09	136.7	27.14	132.2	26.20	123.5	24.37
	13	11.8	158.8	30.10	149.8	28.29	141.1	26.51	136.7	25.62	132.2	24.76	123.5	23.05
	15	13.7	158.8	28.43	149.8	26.74	141.1	25.08	136.7	24.25	132.2	23.45	123.5	21.83
70	-30	-30.2	100.9	52.92	100.3	53.30	99.50	53.67	99.20	53.87	98.90	54.07	98.30	54.42

25. ARUM560LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	116.6	56.21	116.0	56.64	115.1	57.04	114.8	57.24	114.5	57.44	108.1	53.88
	-21.8	-22	126.4	58.19	125.6	58.62	123.5	58.14	119.6	55.98	115.7	53.86	108.1	49.70
	-19.8	-20	133.4	59.52	131.3	59.18	123.5	55.05	119.6	53.02	115.7	51.02	108.1	47.09
	-18.8	-19	136.8	60.21	131.3	57.57	123.5	53.59	119.6	51.62	115.7	49.68	108.1	45.85
	-16.7	-17	138.9	58.35	131.3	54.49	123.5	50.74	119.6	48.89	115.7	47.05	108.1	43.46
	-15	-15.9	138.9	56.48	131.3	52.75	123.5	49.10	119.6	47.30	115.7	45.50	108.1	41.99
	-13.7	-15	138.9	54.71	131.3	51.06	123.5	47.50	119.6	45.76	115.7	44.02	108.1	40.64
	-11.8	-13	138.9	52.06	131.3	48.64	123.5	45.27	119.6	43.60	115.7	41.97	108.1	38.75
	-9.8	-11	138.9	49.33	131.3	46.11	123.5	42.97	119.6	41.41	115.7	39.89	108.1	36.87
	-9.5	-10	138.9	48.07	131.3	44.96	123.5	41.93	119.6	40.43	115.7	38.94	108.1	36.04
	-8.5	-9.1	138.9	46.87	131.3	43.86	123.5	40.89	119.6	39.43	115.7	37.99	108.1	35.16
	-7	-7.6	138.9	44.95	131.3	42.07	123.5	39.23	119.6	37.86	115.7	36.48	108.1	33.77
	-5	-5.6	138.9	42.49	131.3	39.79	123.5	37.16	119.6	35.85	115.7	34.56	108.1	32.01
	-3	-3.7	138.9	40.27	131.3	37.73	123.5	35.25	119.6	34.02	115.7	32.81	108.1	30.41
	0	-0.7	138.9	37.03	131.3	34.73	123.5	32.47	119.6	31.36	115.7	30.26	108.1	28.08
	3	2.2	138.9	34.22	131.3	32.11	123.5	30.05	119.6	29.04	115.7	28.03	108.1	26.05
	5	4.1	138.9	32.49	131.3	30.50	123.5	28.56	119.6	27.59	115.7	26.64	108.1	24.78
	7	6	138.9	30.78	131.3	28.93	123.5	27.09	119.6	26.20	115.7	25.29	108.1	23.54
	9	7.9	138.9	29.16	131.3	27.41	123.5	25.71	119.6	24.85	115.7	24.02	108.1	22.37
	11	9.8	138.9	27.61	131.3	25.97	123.5	24.37	119.6	23.59	115.7	22.80	108.1	21.26
	13	11.8	138.9	26.08	131.3	24.54	123.5	23.05	119.6	22.31	115.7	21.57	108.1	20.13
	15	13.7	138.9	24.67	131.3	23.25	123.5	21.83	119.6	21.15	115.7	20.46	108.1	19.11
60	-30	-30.2	99.40	53.72	98.90	54.09	98.30	54.45	97.80	54.64	97.50	54.81	92.70	51.84
	-24.8	-25	114.8	57.24	112.5	56.46	105.8	52.59	102.5	50.70	99.10	48.82	92.70	45.10
	-21.8	-22	119.0	55.68	112.5	52.06	105.8	48.53	102.5	46.78	99.10	45.05	92.70	41.65
	-19.8	-20	119.0	52.75	112.5	49.35	105.8	45.99	102.5	44.36	99.10	42.73	92.70	39.51
	-18.8	-19	119.0	51.35	112.5	48.02	105.8	44.78	102.5	43.18	99.10	41.61	92.70	38.49
	-16.7	-17	119.0	48.62	112.5	45.51	105.8	42.44	102.5	40.93	99.10	39.46	92.70	36.52
	-15	-15.9	119.0	47.03	112.5	43.99	105.8	41.01	102.5	39.54	99.10	38.10	92.70	35.24
	-13.7	-15	119.0	45.52	112.5	42.57	105.8	39.69	102.5	38.28	99.10	36.88	92.70	34.13
	-11.8	-13	119.0	43.36	112.5	40.57	105.8	37.84	102.5	36.50	99.10	35.18	92.70	32.56
	-9.8	-11	119.0	41.19	112.5	38.60	105.8	36.00	102.5	34.72	99.10	33.47	92.70	31.00
	-9.5	-10	119.0	40.20	112.5	37.68	105.8	35.22	102.5	34.00	99.10	32.78	92.70	30.42
	-8.5	-9.1	119.0	39.22	112.5	36.77	105.8	34.37	102.5	33.18	99.10	32.01	92.70	29.69
	-7	-7.6	119.0	37.65	112.5	35.32	105.8	33.02	102.5	31.88	99.10	30.78	92.70	28.55
	-5	-5.6	119.0	35.65	112.5	33.46	105.8	31.31	102.5	30.24	99.10	29.20	92.70	27.12
	-3	-3.7	119.0	33.85	112.5	31.77	105.8	29.74	102.5	28.75	99.10	27.75	92.70	25.79
	0	-0.7	119.0	31.20	112.5	29.32	105.8	27.47	102.5	26.55	99.10	25.66	92.70	23.88
	3	2.2	119.0	28.90	112.5	27.17	105.8	25.48	102.5	24.65	99.10	23.84	92.70	22.22
	5	4.1	119.0	27.47	112.5	25.84	105.8	24.26	102.5	23.46	99.10	22.69	92.70	21.16
	7	6	119.0	26.06	112.5	24.54	105.8	23.06	102.5	22.32	99.10	21.58	92.70	20.13
	9	7.9	119.0	24.74	112.5	23.31	105.8	21.91	102.5	21.21	99.10	20.53	92.70	19.17
	11	9.8	119.0	23.48	112.5	22.14	105.8	20.81	102.5	20.16	99.10	19.53	92.70	18.26
	13	11.8	119.0	22.20	112.5	20.95	105.8	19.73	102.5	19.11	99.10	18.51	92.70	17.33
	15	13.7	119.0	21.06	112.5	19.87	105.8	18.74	102.5	18.17	99.10	17.61	92.70	16.49
50	-30	-30.2	97.50	54.79	93.80	52.56	88.20	49.01	85.40	47.27	82.60	45.54	77.20	42.14
	-24.8	-25	99.10	48.82	93.80	45.72	88.20	42.68	85.40	41.18	82.60	39.69	77.20	36.77

25. ARUM560LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	99.10	45.05	93.80	42.21	88.20	39.43	85.40	38.07	82.60	36.71	77.20	34.04
	-19.8	-20	99.10	42.73	93.80	40.04	88.20	37.42	85.40	36.13	82.60	34.86	77.20	32.32
	-18.8	-19	99.10	41.61	93.80	39.02	88.20	36.46	85.40	35.20	82.60	33.96	77.20	31.51
	-16.7	-17	99.10	39.46	93.80	37.01	88.20	34.61	85.40	33.41	82.60	32.25	77.20	29.94
	-15	-15.9	99.10	38.10	93.80	35.71	88.20	33.39	85.40	32.23	82.60	31.09	77.20	28.86
	-13.7	-15	99.10	36.88	93.80	34.57	88.20	32.33	85.40	31.22	82.60	30.12	77.20	27.95
	-11.8	-13	99.10	35.18	93.80	33.00	88.20	30.85	85.40	29.80	82.60	28.76	77.20	26.71
	-9.8	-11	99.10	33.47	93.80	31.40	88.20	29.38	85.40	28.39	82.60	27.39	77.20	25.46
	-9.5	-10	99.10	32.78	93.80	30.80	88.20	28.86	85.40	27.90	82.60	26.95	77.20	25.07
	-8.5	-9.1	99.10	32.01	93.80	30.09	88.20	28.19	85.40	27.26	82.60	26.34	77.20	24.50
	-7	-7.6	99.10	30.78	93.80	28.93	88.20	27.11	85.40	26.22	82.60	25.35	77.20	23.60
	-5	-5.6	99.10	29.20	93.80	27.46	88.20	25.75	85.40	24.91	82.60	24.08	77.20	22.44
	-3	-3.7	99.10	27.75	93.80	26.13	88.20	24.52	85.40	23.72	82.60	22.95	77.20	21.41
	0	-0.7	99.10	25.66	93.80	24.17	88.20	22.71	85.40	22.00	82.60	21.29	77.20	19.87
	3	2.2	99.10	23.84	93.80	22.48	88.20	21.14	85.40	20.48	82.60	19.83	77.20	18.55
	5	4.1	99.10	22.69	93.80	21.41	88.20	20.16	85.40	19.54	82.60	18.91	77.20	17.70
	7	6	99.10	21.58	93.80	20.38	88.20	19.20	85.40	18.60	82.60	18.04	77.20	16.88
	9	7.9	99.10	20.53	93.80	19.39	88.20	18.29	85.40	17.73	82.60	17.19	77.20	16.12
	11	9.8	99.10	19.53	93.80	18.46	88.20	17.42	85.40	16.91	82.60	16.40	77.20	15.39
	13	11.8	99.10	18.51	93.80	17.53	88.20	16.54	85.40	16.06	82.60	15.59	77.20	14.64
	15	13.7	99.10	17.61	93.80	16.68	88.20	15.76	85.40	15.31	82.60	14.86	77.20	13.97

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

25.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	105.1	50.54	104.3	50.97	103.4	51.40	103.1	51.61	102.8	51.83	102.0	52.24
	-24.8	-25	122.3	53.14	121.4	53.62	120.5	54.09	120.0	54.32	119.7	54.57	118.8	55.03
	-21.8	-22	133.0	54.63	132.1	55.15	131.2	55.64	130.7	55.90	130.3	56.13	129.3	56.62
	-19.8	-20	140.6	55.64	139.7	56.16	138.6	56.68	138.0	56.94	137.7	57.20	136.8	57.71
	-18.8	-19	144.5	56.14	143.4	56.68	142.5	57.22	141.9	57.48	141.4	57.74	140.5	58.24
	-16.7	-17	152.4	57.17	151.5	57.72	150.4	58.26	149.8	58.55	149.5	58.81	148.4	59.33
	-15	-15.9	157.4	57.75	156.3	58.32	155.2	58.89	154.6	59.16	154.0	59.44	153.1	59.96
	-13.7	-15	161.6	58.28	160.5	58.86	159.5	59.44	159.0	59.73	158.4	60.01	157.5	60.56
	-11.8	-13	169.9	59.27	168.7	59.87	167.6	60.45	167.0	60.74	166.4	61.02	165.3	61.59
	-9.8	-11	179.1	60.33	177.7	60.93	176.5	61.54	176.0	61.83	175.4	62.12	174.2	62.69
	-9.5	-10	183.4	60.82	182.2	61.43	181.0	62.05	180.4	62.35	179.6	62.66	178.4	63.23
	-8.5	-9.1	187.8	61.30	186.4	61.94	185.2	62.55	184.6	62.86	184.0	63.15	182.7	63.75
	-7	-7.6	195.1	62.11	193.9	62.77	192.5	63.40	191.9	63.70	191.1	64.01	189.9	64.61
	-5	-5.6	205.5	63.22	204.0	63.89	202.6	64.52	202.0	64.84	201.2	65.16	199.8	65.78
	-3	-3.7	215.6	64.29	214.1	64.98	212.7	65.64	211.9	65.96	211.2	66.30	200.7	62.47
	0	-0.7	232.4	66.03	230.7	66.72	229.1	67.37	222.1	64.82	215.0	62.23	200.7	57.13
	3	2.2	249.2	67.71	243.6	66.70	229.3	61.80	222.1	59.43	215.0	57.06	200.7	52.46
	5	4.1	244.2	61.75	229.6	57.22	215.3	52.83	208.0	50.68	200.7	48.56	186.2	44.40
	7	6	229.9	52.79	215.3	48.70	200.8	44.75	193.5	42.79	186.0	40.89	171.3	37.14
	9	7.9	215.3	44.62	200.5	41.00	185.7	37.46	178.4	35.74	170.8	34.03	155.9	30.68
	11	9.8	200.2	37.35	185.3	34.15	170.3	31.03	162.7	29.50	155.2	27.98	140.0	25.03
	13	11.8	184.5	30.81	169.4	28.02	154.3	25.29	146.7	23.95	139.1	22.64	123.5	20.05
	15	13.7	168.3	25.19	153.1	22.76	137.7	20.38	129.9	19.22	122.3	18.08	106.6	15.83
120	-30	-30.2	104.6	50.77	103.7	51.20	103.1	51.63	102.8	51.84	102.3	52.04	101.7	52.47
	-24.8	-25	121.7	53.45	120.8	53.92	120.0	54.40	119.5	54.63	119.1	54.86	118.3	55.32
	-21.8	-22	132.4	55.01	131.5	55.50	130.4	55.99	130.1	56.24	129.6	56.48	128.7	56.96
	-19.8	-20	139.7	56.04	138.8	56.56	138.0	57.08	137.4	57.34	136.9	57.57	136.0	58.08
	-18.8	-19	143.7	56.56	142.8	57.09	141.7	57.62	141.1	57.88	140.8	58.12	139.7	58.63
	-16.7	-17	151.6	57.63	150.6	58.18	149.5	58.72	149.0	58.98	148.6	59.24	147.5	59.76
	-15	-15.9	156.3	58.24	155.4	58.81	154.3	59.35	153.7	59.62	153.2	59.90	152.3	60.42
	-13.7	-15	160.7	58.80	159.6	59.38	158.7	59.93	158.1	60.22	157.6	60.48	156.6	61.03
	-11.8	-13	168.9	59.82	167.8	60.42	166.6	60.99	166.1	61.26	165.5	61.54	164.3	62.09
	-9.8	-11	177.9	60.93	176.5	61.54	175.4	62.12	174.8	62.40	174.2	62.69	173.1	63.26
	-9.5	-10	182.2	61.45	181.0	62.06	179.6	62.66	179.0	62.95	178.4	63.24	177.3	63.81
	-8.5	-9.1	186.4	61.97	185.2	62.57	183.8	63.18	183.2	63.47	182.6	63.78	181.5	64.35
	-7	-7.6	193.7	62.83	192.5	63.44	191.1	64.07	190.5	64.36	189.9	64.67	185.1	63.51
	-5	-5.6	203.8	63.98	202.3	64.64	200.9	65.27	200.3	65.56	198.5	65.25	185.1	59.90
	-3	-3.7	213.8	65.12	212.4	65.78	210.9	66.42	205.0	64.20	198.5	61.63	185.1	56.62
	0	-0.7	230.1	66.95	224.9	65.83	211.7	61.04	205.0	58.68	198.5	56.36	185.1	51.84
	3	2.2	238.0	64.80	224.9	60.35	211.7	56.00	205.0	53.87	198.5	51.77	185.1	47.66
	5	4.1	225.4	55.90	212.0	51.88	198.8	47.95	192.1	46.04	185.3	44.13	171.9	40.42
	7	6	212.3	47.85	198.8	44.22	185.3	40.69	178.6	38.94	171.7	37.25	158.2	33.89
	9	7.9	198.8	40.54	185.1	37.31	171.4	34.15	164.6	32.61	157.7	31.08	143.9	28.09
	11	9.8	184.8	34.04	171.1	31.18	157.1	28.38	150.3	27.01	143.3	25.66	129.3	23.00
	13	11.8	170.3	28.17	156.5	25.67	142.5	23.21	135.5	22.01	128.3	20.82	114.0	18.50

25. ARUM560LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	155.4	23.11	141.4	20.92	127.1	18.79	120.1	17.75	112.8	16.73	98.30	14.68
110	-30	-30.2	104.0	51.06	103.4	51.49	102.6	51.89	102.3	52.12	102.0	52.32	101.2	52.72
	-24.8	-25	121.1	53.82	120.2	54.29	119.4	54.75	118.9	54.98	118.5	55.20	117.7	55.64
	-21.8	-22	131.5	55.44	130.7	55.93	129.8	56.41	129.3	56.65	128.9	56.88	128.1	57.36
	-19.8	-20	138.9	56.51	138.0	57.02	137.1	57.52	136.6	57.77	136.2	58.03	135.1	58.49
	-18.8	-19	142.8	57.05	141.7	57.57	140.8	58.09	140.2	58.34	139.9	58.58	139.0	59.09
	-16.7	-17	150.6	58.17	149.5	58.70	148.6	59.24	148.1	59.50	147.5	59.75	146.6	60.25
	-15	-15.9	155.2	58.81	154.3	59.36	153.2	59.90	152.6	60.16	152.2	60.42	151.1	60.94
	-13.7	-15	159.6	59.39	158.5	59.96	157.5	60.51	157.0	60.79	156.4	61.05	155.5	61.57
	-11.8	-13	167.5	60.48	166.4	61.05	165.3	61.60	164.7	61.88	164.3	62.15	163.2	62.69
	-9.8	-11	176.5	61.63	175.1	62.23	174.0	62.80	173.4	63.07	172.8	63.35	169.7	62.81
	-9.5	-10	180.7	62.18	179.5	62.78	178.2	63.35	177.6	63.64	177.0	63.93	169.7	61.16
	-8.5	-9.1	184.9	62.72	183.5	63.32	182.4	63.90	181.8	64.21	181.2	64.48	169.7	59.59
	-7	-7.6	192.0	63.63	190.8	64.24	189.4	64.84	187.9	64.68	182.0	62.12	169.7	57.08
	-5	-5.6	201.8	64.87	200.6	65.50	194.0	63.44	187.9	61.00	182.0	58.59	169.7	53.87
	-3	-3.7	211.8	66.07	206.1	64.64	194.0	59.94	187.9	57.66	182.0	55.38	169.7	50.97
	0	-0.7	218.4	63.42	206.1	59.08	194.0	54.85	187.9	52.78	182.0	50.72	169.7	46.72
	3	2.2	218.4	58.16	206.1	54.22	194.0	50.39	187.9	48.51	182.0	46.66	169.7	43.02
	5	4.1	206.6	50.27	194.3	46.71	182.0	43.25	176.1	41.55	169.9	39.86	157.6	36.57
	7	6	194.6	43.11	182.3	39.90	169.9	36.76	163.6	35.25	157.4	33.72	145.0	30.74
	9	7.9	182.3	36.62	169.7	33.75	157.1	30.97	150.9	29.59	144.5	28.23	131.9	25.57
	11	9.8	169.4	30.83	156.8	28.30	144.2	25.80	137.8	24.60	131.3	23.40	118.5	21.01
	13	11.8	156.0	25.61	143.4	23.38	130.5	21.21	124.1	20.14	117.6	19.09	104.7	17.00
	15	13.7	142.3	21.09	129.4	19.15	116.5	17.24	110.0	16.31	103.4	15.38	90.20	13.59
100	-30	-30.2	103.4	51.40	102.8	51.81	102.0	52.23	101.7	52.43	101.4	52.64	100.6	53.04
	-24.8	-25	120.3	54.25	119.4	54.71	118.6	55.17	118.2	55.38	117.7	55.61	117.1	56.04
	-21.8	-22	130.7	55.93	129.8	56.42	128.9	56.88	128.4	57.13	128.1	57.36	127.2	57.82
	-19.8	-20	138.0	57.05	136.9	57.57	136.0	58.06	135.7	58.29	135.1	58.54	134.3	59.01
	-18.8	-19	141.6	57.63	140.8	58.14	139.7	58.64	139.3	58.89	138.8	59.13	137.9	59.61
	-16.7	-17	149.5	58.81	148.4	59.32	147.5	59.84	146.9	60.10	146.4	60.33	145.5	60.82
	-15	-15.9	154.0	59.47	152.9	60.02	152.0	60.53	151.4	60.79	150.9	61.05	150.0	61.54
	-13.7	-15	158.2	60.10	157.3	60.65	156.4	61.20	155.8	61.46	155.3	61.72	154.3	62.19
	-11.8	-13	166.1	61.23	164.9	61.78	163.8	62.32	163.3	62.60	162.9	62.86	154.3	59.12
	-9.8	-11	174.8	62.46	173.6	63.03	172.5	63.58	170.8	63.31	165.4	60.83	154.3	55.94
	-9.5	-10	179.0	63.04	177.6	63.61	176.4	64.12	170.8	61.64	165.4	59.23	154.3	54.49
	-8.5	-9.1	182.9	63.61	181.8	64.19	176.4	62.45	170.8	60.07	165.4	57.71	154.3	53.11
	-7	-7.6	189.9	64.58	187.3	64.45	176.4	59.82	170.8	57.53	165.4	55.30	154.3	50.89
	-5	-5.6	198.5	65.25	187.3	60.78	176.4	56.42	170.8	54.31	165.4	52.19	154.3	48.08
	-3	-3.7	198.5	61.64	187.3	57.45	176.4	53.36	170.8	51.36	165.4	49.38	154.3	45.52
	0	-0.7	198.5	56.36	187.3	52.58	176.4	48.89	170.8	47.07	165.4	45.30	154.3	41.79
	3	2.2	198.5	51.78	187.3	48.34	176.4	44.99	170.8	43.35	165.4	41.71	154.3	38.53
	5	4.1	187.9	44.86	176.7	41.76	165.5	38.72	159.9	37.23	154.3	35.75	143.1	32.85
	7	6	176.9	38.54	165.7	35.74	154.3	32.99	148.7	31.66	143.1	30.31	131.8	27.69
	9	7.9	165.7	32.84	154.3	30.33	142.8	27.86	137.2	26.66	131.4	25.48	119.9	23.13
	11	9.8	154.0	27.73	142.5	25.51	131.0	23.32	125.2	22.26	119.3	21.18	107.8	19.10
	13	11.8	141.9	23.12	130.4	21.16	118.7	19.26	112.8	18.30	107.0	17.37	95.20	15.54
	15	13.7	129.4	19.13	117.6	17.41	105.9	15.75	100.0	14.93	94.10	14.10	82.00	12.50

25. ARUM560LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	102.8	51.80	102.0	52.21	101.4	52.61	101.1	52.81	100.6	53.01	100.0	53.39
	-24.8	-25	119.4	54.77	118.5	55.23	117.7	55.66	117.4	55.89	116.9	56.10	116.0	56.53
	-21.8	-22	129.5	56.53	128.7	56.99	127.8	57.48	127.3	57.71	127.0	57.91	126.1	58.37
	-19.8	-20	136.6	57.72	135.7	58.20	134.8	58.69	134.5	58.92	134.0	59.15	133.1	59.61
	-18.8	-19	140.5	58.32	139.4	58.83	138.5	59.30	137.9	59.55	137.6	59.78	136.7	60.24
	-16.7	-17	148.0	59.56	146.9	60.07	146.0	60.56	145.5	60.82	145.0	61.05	138.9	58.35
	-15	-15.9	152.5	60.28	151.4	60.79	150.5	61.31	150.0	61.54	148.7	61.41	138.9	56.48
	-13.7	-15	156.7	60.94	155.8	61.48	154.7	62.00	153.7	61.96	148.7	59.50	138.9	54.70
	-11.8	-13	164.3	62.12	163.2	62.66	158.8	61.20	153.7	58.88	148.7	56.57	138.9	52.06
	-9.8	-11	172.8	63.44	168.6	62.32	158.8	57.88	153.7	55.70	148.7	53.54	138.9	49.33
	-9.5	-10	176.7	64.05	168.6	60.68	158.8	56.37	153.7	54.26	148.7	52.16	138.9	48.07
	-8.5	-9.1	178.6	63.41	168.6	59.12	158.8	54.95	153.7	52.87	148.7	50.85	138.9	46.87
	-7	-7.6	178.6	60.74	168.6	56.64	158.8	52.64	153.7	50.68	148.7	48.76	138.9	44.95
	-5	-5.6	178.6	57.28	168.6	53.46	158.8	49.70	153.7	47.87	148.7	46.07	138.9	42.49
	-3	-3.7	178.6	54.17	168.6	50.58	158.8	47.05	153.7	45.32	148.7	43.61	138.9	40.27
	0	-0.7	178.6	49.63	168.6	46.37	158.8	43.19	153.7	41.62	148.7	40.07	138.9	37.03
	3	2.2	178.6	45.66	168.6	42.70	158.8	39.81	153.7	38.38	148.7	36.98	138.9	34.22
	5	4.1	169.1	39.65	159.0	36.97	149.0	34.35	143.9	33.05	138.9	31.77	128.8	29.24
	7	6	159.3	34.15	149.2	31.72	138.9	29.35	133.9	28.17	128.8	27.02	118.7	24.76
	9	7.9	149.0	29.19	138.9	27.02	128.5	24.88	123.5	23.85	118.4	22.79	108.0	20.75
	11	9.8	138.6	24.74	128.2	22.80	117.9	20.92	112.6	19.98	107.5	19.05	96.90	17.24
	13	11.8	127.7	20.73	117.3	19.03	106.9	17.34	101.6	16.52	96.30	15.71	85.60	14.11
	15	13.7	116.5	17.24	105.9	15.75	95.40	14.29	89.90	13.56	84.60	12.84	73.70	11.45
80	-30	-30.2	102.0	52.29	101.2	52.69	100.6	53.09	100.3	53.27	100.0	53.47	99.20	53.85
	-24.8	-25	118.2	55.41	117.4	55.86	116.6	56.29	116.2	56.49	115.7	56.70	115.1	57.12
	-21.8	-22	128.1	57.27	127.3	57.73	126.4	58.17	126.1	58.40	125.6	58.62	123.5	58.14
	-19.8	-20	135.1	58.52	134.3	59.00	133.4	59.46	132.9	59.69	132.1	59.72	123.5	55.05
	-18.8	-19	138.8	59.17	137.9	59.64	137.0	60.12	136.5	60.35	132.2	58.16	123.5	53.59
	-16.7	-17	146.1	60.47	145.2	60.96	141.1	59.46	136.7	57.24	132.2	55.05	123.5	50.74
	-15	-15.9	150.6	61.25	149.7	61.74	141.1	57.56	136.7	55.41	132.2	53.28	123.5	49.10
	-13.7	-15	154.7	61.97	149.8	60.04	141.1	55.75	136.7	53.64	132.2	51.56	123.5	47.50
	-11.8	-13	158.8	61.20	149.8	57.08	141.1	53.05	136.7	51.08	132.2	49.14	123.5	45.27
	-9.8	-11	158.8	57.88	149.8	54.01	141.1	50.27	136.7	48.40	132.2	46.56	123.5	42.97
	-9.5	-10	158.8	56.37	149.8	52.63	141.1	48.98	136.7	47.18	132.2	45.40	123.5	41.93
	-8.5	-9.1	158.8	54.95	149.8	51.30	141.1	47.75	136.7	46.01	132.2	44.27	123.5	40.89
	-7	-7.6	158.8	52.64	149.8	49.17	141.1	45.78	136.7	44.13	132.2	42.48	123.5	39.23
	-5	-5.6	158.8	49.70	149.8	46.46	141.1	43.28	136.7	41.72	132.2	40.17	123.5	37.14
	-3	-3.7	158.8	47.05	149.8	43.99	141.1	41.00	136.7	39.54	132.2	38.10	123.5	35.25
	0	-0.7	158.8	43.19	149.8	40.42	141.1	37.70	136.7	36.39	132.2	35.05	123.5	32.47
	3	2.2	158.8	39.81	149.8	37.28	141.1	34.83	136.7	33.61	132.2	32.40	123.5	30.05
	5	4.1	150.3	34.67	141.4	32.38	132.4	30.13	128.0	29.03	123.5	27.92	114.5	25.76
	7	6	141.4	29.95	132.5	27.88	123.5	25.85	119.0	24.84	114.5	23.85	105.3	21.90
	9	7.9	132.5	25.68	123.5	23.82	114.3	22.00	109.8	21.11	105.2	20.21	96.00	18.45
	11	9.8	123.2	21.86	114.0	20.21	104.7	18.59	100.2	17.78	95.50	16.99	86.20	15.42
	13	11.8	113.4	18.41	104.2	16.95	94.90	15.51	90.20	14.81	85.60	14.11	76.10	12.72
	15	13.7	103.6	15.41	94.10	14.12	84.80	12.87	80.10	12.25	75.30	11.62	65.50	10.41
70	-30	-30.2	100.9	52.92	100.3	53.30	99.50	53.67	99.20	53.87	98.90	54.07	98.30	54.42

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	116.6	56.21	116.0	56.64	115.1	57.04	114.8	57.24	114.5	57.44	108.1	53.88
	-21.8	-22	126.4	58.19	125.6	58.62	123.5	58.14	119.6	55.98	115.7	53.86	108.1	49.70
	-19.8	-20	133.4	59.52	131.3	59.18	123.5	55.05	119.6	53.02	115.7	51.02	108.1	47.09
	-18.8	-19	136.8	60.21	131.3	57.57	123.5	53.59	119.6	51.62	115.7	49.68	108.1	45.85
	-16.7	-17	138.9	58.35	131.3	54.49	123.5	50.74	119.6	48.89	115.7	47.05	108.1	43.46
	-15	-15.9	138.9	56.48	131.3	52.75	123.5	49.10	119.6	47.30	115.7	45.50	108.1	41.99
	-13.7	-15	138.9	54.71	131.3	51.06	123.5	47.50	119.6	45.76	115.7	44.02	108.1	40.64
	-11.8	-13	138.9	52.06	131.3	48.64	123.5	45.27	119.6	43.60	115.7	41.97	108.1	38.75
	-9.8	-11	138.9	49.33	131.3	46.11	123.5	42.97	119.6	41.41	115.7	39.89	108.1	36.87
	-9.5	-10	138.9	48.07	131.3	44.96	123.5	41.93	119.6	40.43	115.7	38.94	108.1	36.04
	-8.5	-9.1	138.9	46.87	131.3	43.86	123.5	40.89	119.6	39.43	115.7	37.99	108.1	35.16
	-7	-7.6	138.9	44.95	131.3	42.07	123.5	39.23	119.6	37.86	115.7	36.48	108.1	33.77
	-5	-5.6	138.9	42.49	131.3	39.79	123.5	37.16	119.6	35.85	115.7	34.56	108.1	32.01
	-3	-3.7	138.9	40.27	131.3	37.73	123.5	35.25	119.6	34.02	115.7	32.81	108.1	30.41
	0	-0.7	138.9	37.03	131.3	34.73	123.5	32.47	119.6	31.36	115.7	30.26	108.1	28.08
	3	2.2	138.9	34.22	131.3	32.11	123.5	30.05	119.6	29.04	115.7	28.03	108.1	26.05
	5	4.1	131.6	29.89	123.7	27.97	115.9	26.08	112.0	25.16	108.1	24.24	100.2	22.42
	7	6	123.8	25.91	115.9	24.18	108.1	22.47	104.2	21.62	100.2	20.80	92.20	19.15
	9	7.9	115.9	22.33	108.1	20.77	100.0	19.24	96.00	18.48	92.10	17.72	84.00	16.25
	11	9.8	107.8	19.11	99.70	17.72	91.80	16.34	87.60	15.67	83.70	15.00	75.30	13.66
	13	11.8	99.40	16.18	91.30	14.95	83.10	13.75	79.00	13.14	74.80	12.55	66.60	11.38
	15	13.7	90.70	13.64	82.30	12.56	74.20	11.48	70.00	10.96	65.80	10.45	57.40	9.42
60	-30	-30.2	99.40	53.72	98.90	54.09	98.30	54.45	97.80	54.64	97.50	54.81	92.70	51.84
	-24.8	-25	114.8	57.24	112.5	56.46	105.8	52.59	102.5	50.70	99.10	48.82	92.70	45.10
	-21.8	-22	119.0	55.68	112.5	52.06	105.8	48.53	102.5	46.78	99.10	45.05	92.70	41.65
	-19.8	-20	119.0	52.75	112.5	49.35	105.8	45.99	102.5	44.36	99.10	42.73	92.70	39.51
	-18.8	-19	119.0	51.35	112.5	48.02	105.8	44.78	102.5	43.18	99.10	41.61	92.70	38.49
	-16.7	-17	119.0	48.62	112.5	45.51	105.8	42.44	102.5	40.93	99.10	39.46	92.70	36.52
	-15	-15.9	119.0	47.03	112.5	43.99	105.8	41.01	102.5	39.54	99.10	38.10	92.70	35.24
	-13.7	-15	119.0	45.52	112.5	42.57	105.8	39.69	102.5	38.28	99.10	36.88	92.70	34.13
	-11.8	-13	119.0	43.36	112.5	40.57	105.8	37.84	102.5	36.50	99.10	35.18	92.70	32.56
	-9.8	-11	119.0	41.19	112.5	38.60	105.8	36.00	102.5	34.72	99.10	33.47	92.70	31.00
	-9.5	-10	119.0	40.20	112.5	37.68	105.8	35.22	102.5	34.00	99.10	32.78	92.70	30.42
	-8.5	-9.1	119.0	39.22	112.5	36.77	105.8	34.37	102.5	33.18	99.10	32.01	92.70	29.69
	-7	-7.6	119.0	37.65	112.5	35.32	105.8	33.02	102.5	31.88	99.10	30.78	92.70	28.55
	-5	-5.6	119.0	35.65	112.5	33.46	105.8	31.31	102.5	30.24	99.10	29.20	92.70	27.12
	-3	-3.7	119.0	33.85	112.5	31.77	105.8	29.74	102.5	28.75	99.10	27.75	92.70	25.79
	0	-0.7	119.0	31.20	112.5	29.32	105.8	27.47	102.5	26.55	99.10	25.66	92.70	23.88
	3	2.2	119.0	28.90	112.5	27.17	105.8	25.48	102.5	24.65	99.10	23.84	92.70	22.22
	5	4.1	112.6	25.33	106.1	23.76	99.40	22.21	96.00	21.45	92.70	20.71	86.00	19.21
	7	6	106.1	22.05	99.40	20.63	92.70	19.24	89.30	18.56	85.90	17.88	79.00	16.53
	9	7.9	99.40	19.10	92.60	17.83	85.70	16.56	82.30	15.95	78.90	15.33	72.00	14.12
	11	9.8	92.40	16.46	85.40	15.31	78.70	14.19	75.10	13.63	71.70	13.07	64.70	11.99
	13	11.8	85.10	14.05	78.10	13.03	71.10	12.03	67.70	11.53	64.10	11.05	57.10	10.07
	15	13.7	77.60	11.95	70.60	11.04	63.60	10.16	59.90	9.74	56.30	9.30	49.30	8.46
50	-30	-30.2	97.50	54.79	93.80	52.56	88.20	49.01	85.40	47.27	82.60	45.54	77.20	42.14
	-24.8	-25	99.10	48.82	93.80	45.72	88.20	42.68	85.40	41.18	82.60	39.69	77.20	36.77

25. ARUM560LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	99.10	45.05	93.80	42.21	88.20	39.43	85.40	38.07	82.60	36.71	77.20	34.04
	-19.8	-20	99.10	42.73	93.80	40.04	88.20	37.42	85.40	36.13	82.60	34.86	77.20	32.32
	-18.8	-19	99.10	41.61	93.80	39.02	88.20	36.46	85.40	35.20	82.60	33.96	77.20	31.51
	-16.7	-17	99.10	39.46	93.80	37.01	88.20	34.61	85.40	33.41	82.60	32.25	77.20	29.94
	-15	-15.9	99.10	38.10	93.80	35.71	88.20	33.39	85.40	32.23	82.60	31.09	77.20	28.86
	-13.7	-15	99.10	36.88	93.80	34.57	88.20	32.33	85.40	31.22	82.60	30.12	77.20	27.95
	-11.8	-13	99.10	35.18	93.80	33.00	88.20	30.85	85.40	29.80	82.60	28.76	77.20	26.71
	-9.8	-11	99.10	33.47	93.80	31.40	88.20	29.38	85.40	28.39	82.60	27.39	77.20	25.46
	-9.5	-10	99.10	32.78	93.80	30.80	88.20	28.86	85.40	27.90	82.60	26.95	77.20	25.07
	-8.5	-9.1	99.10	32.01	93.80	30.09	88.20	28.19	85.40	27.26	82.60	26.34	77.20	24.50
	-7	-7.6	99.10	30.78	93.80	28.93	88.20	27.11	85.40	26.22	82.60	25.35	77.20	23.60
	-5	-5.6	99.10	29.20	93.80	27.46	88.20	25.75	85.40	24.91	82.60	24.08	77.20	22.44
	-3	-3.7	99.10	27.75	93.80	26.13	88.20	24.52	85.40	23.72	82.60	22.95	77.20	21.41
	0	-0.7	99.10	25.66	93.80	24.17	88.20	22.71	85.40	22.00	82.60	21.29	77.20	19.87
	3	2.2	99.10	23.84	93.80	22.48	88.20	21.14	85.40	20.48	82.60	19.83	77.20	18.55
	5	4.1	93.80	20.99	88.40	19.74	82.90	18.53	80.10	17.93	77.30	17.32	71.70	16.14
	7	6	88.50	18.39	82.90	17.26	77.30	16.16	74.50	15.60	71.60	15.07	65.80	13.98
	9	7.9	82.90	16.03	77.20	15.02	71.40	14.02	68.60	13.54	65.80	13.04	59.90	12.07
	11	9.8	77.00	13.93	71.40	13.01	65.50	12.10	62.70	11.66	59.70	11.22	53.80	10.36
	13	11.8	70.90	12.00	65.20	11.19	59.40	10.39	56.30	9.99	53.50	9.60	47.60	8.83
	15	13.7	64.70	10.32	58.80	9.60	52.90	8.89	50.10	8.54	47.00	8.19	40.90	7.50

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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25.5 Capacity Correction Factor

25.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

25.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

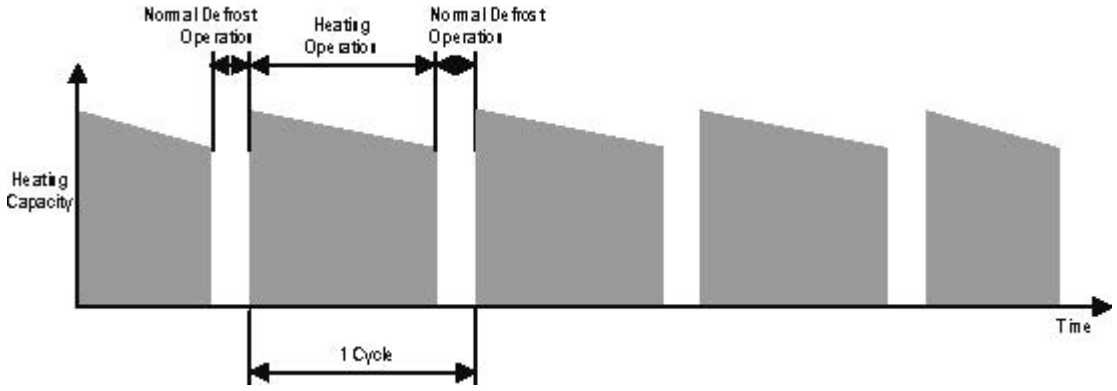
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

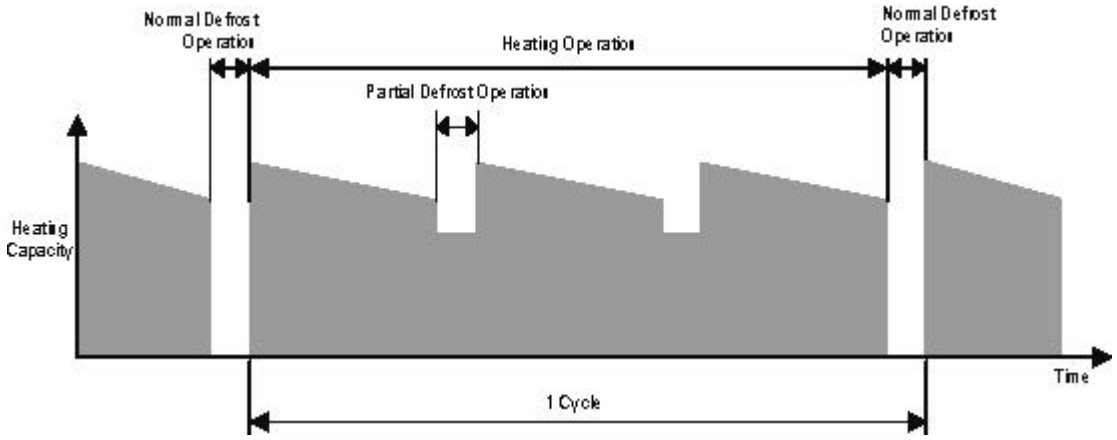
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

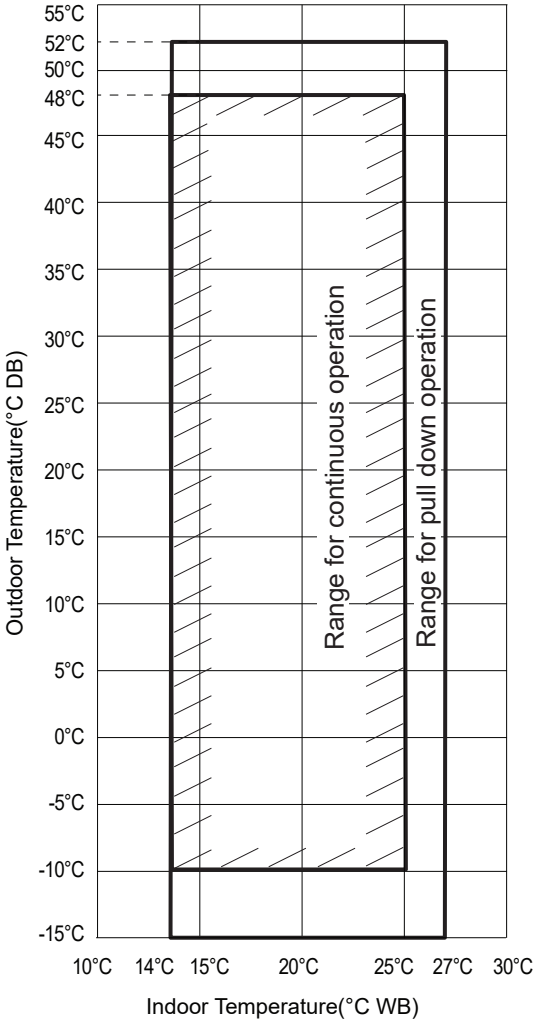


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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25.6 Operation Limits

25.6.1 Cooling

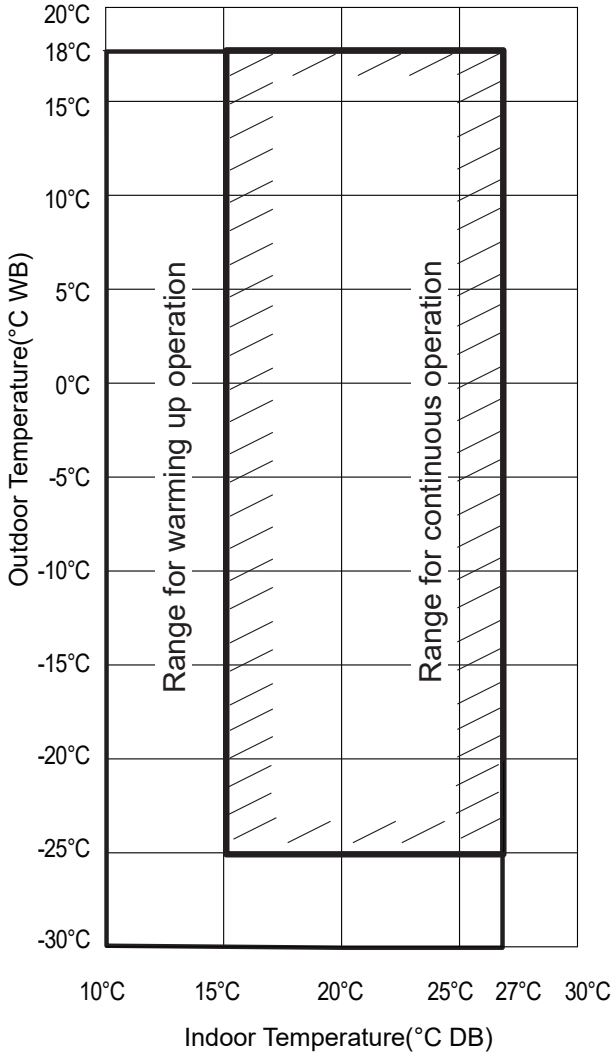


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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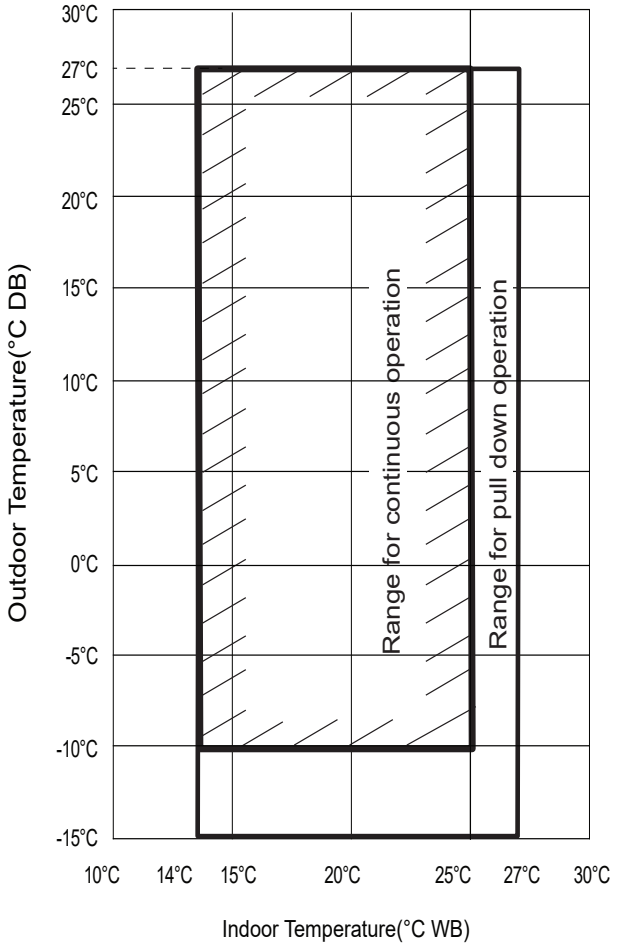
25.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

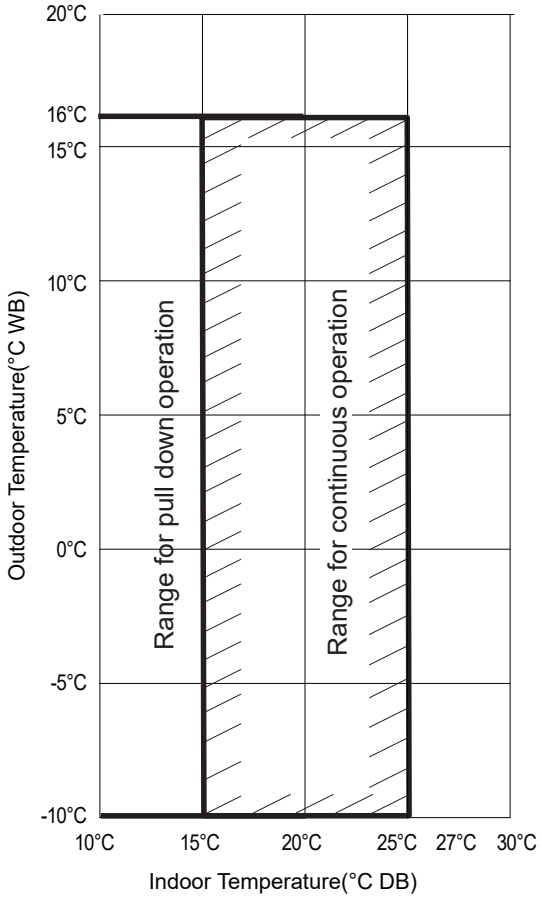
25.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

25.6.4 Simultaneous Operation (Heating)



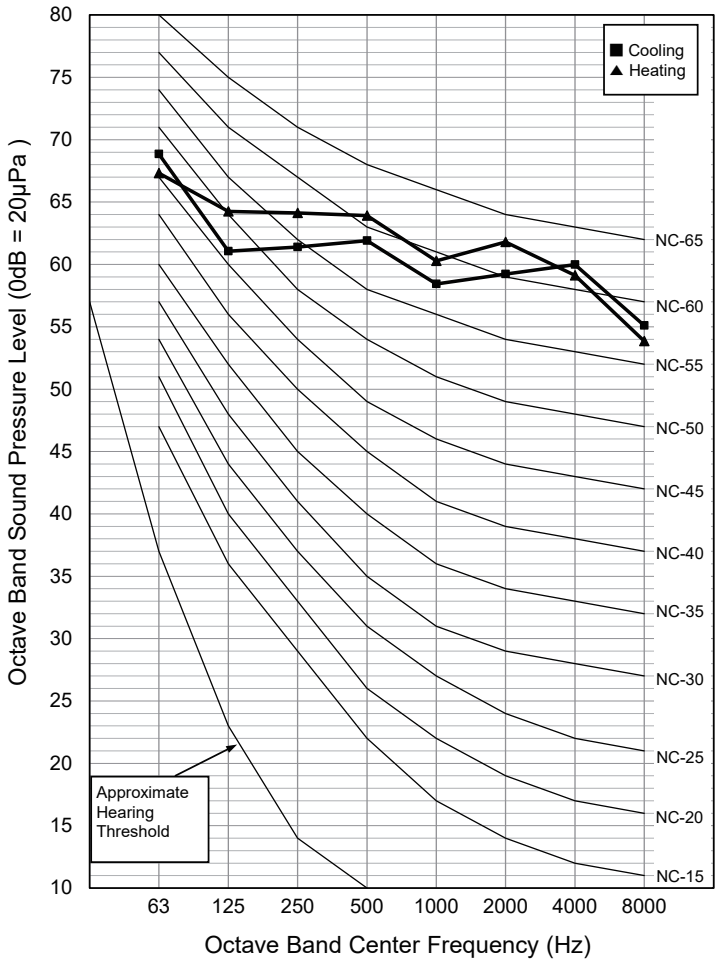
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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25.7 Sound Levels

25.7.1 Pressure Levels



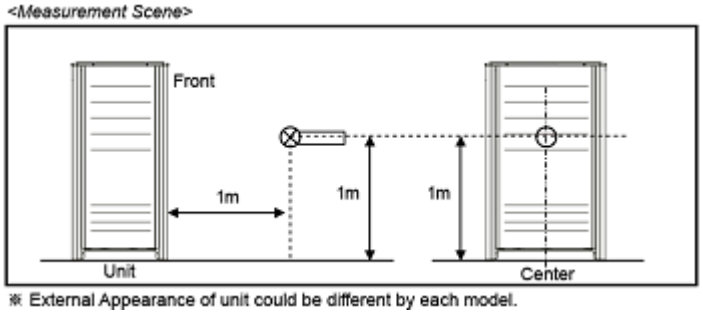
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	68.8	61.1	61.4	61.9	58.4	59.2	60.0	55.1
Heating[dB]	67.3	64.2	64.1	63.9	60.3	61.8	59.1	53.8

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	66.3 / 67.7

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

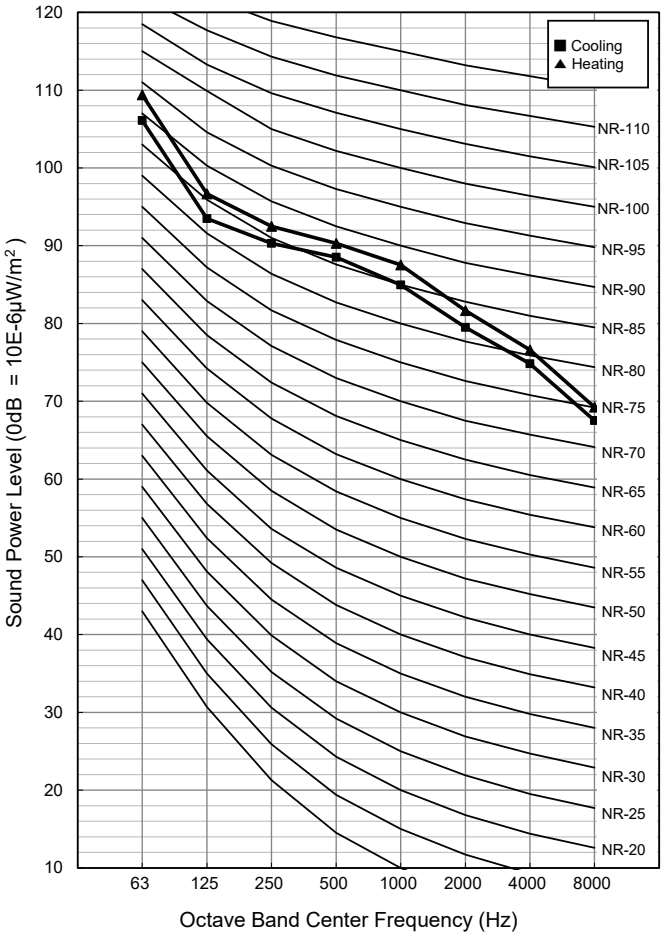
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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25.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	106.1	93.5	90.3	88.5	84.9	79.5	74.8	67.5
Heating[dB]	109.4	96.7	92.5	90.3	87.5	81.7	76.6	69.2

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.5 / 92.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

26. ARUM580LTE6

26.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM180LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	80.82 - 76.78 - 74
	Running Current by Voltage (Heating,Rated)	A	58.6 - 55.67 - 53.66
Cooling Capacity	Rated	kW	162.4
		Btu/h	554,100
Heating Capacity	Rated	kW	162.4
		Btu/h	554,100
	Max	kW	182.7
		Btu/h	623,400
Power Input(Cooling)	Rated	kW	49.47
Power Input(Heating)	Rated	kW	35.87
Efficiency	EER(Rated)	W/W	3.28
	COP(Rated)	W/W	4.53
	SEER	Wh/Wh	8.49
	SCOP	Wh/Wh	5.02
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 6
	Number of Revolution	rev./min	3,600 x 6
	Motor Output	W x No.	5,300 x 6
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	3
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 3
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 3
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

26. ARUM580LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	48.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	100.200
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	66.5 / 67.8
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.5 / 93.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	140.0
	Maximum Fuse Amperes (MFA)	A	175
	Total Over Current Amperes (TOCA)	A	154.0
	Comp_Maximum Starting Current (MSC)	A	35.4
	Comp_Rated Load Amperes (Cooling)	A	73.3
	Comp_Rated Load Amperes (Heating)	A	51.1
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	7.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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26.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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26.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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26.4 Capacity Tables

26.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	126.8	12.63	160.1	17.29	196.0	24.83	211.1	28.93	228.0	34.31	242.4	38.96	253.8	42.65
	12	126.8	13.77	160.1	19.08	196.0	27.40	211.1	31.88	228.0	37.68	242.4	42.41	253.8	46.22
	14	126.8	15.06	160.1	21.03	196.0	30.23	211.1	35.10	228.0	41.29	242.4	46.19	253.8	50.05
	16	126.8	16.48	160.1	23.21	196.0	33.34	211.1	38.63	228.0	45.11	242.4	50.25	253.8	54.20
	18	126.8	18.07	160.1	25.62	196.0	36.73	211.1	42.49	228.0	49.24	242.4	54.36	253.8	57.74
	20	126.8	19.84	160.1	28.23	196.0	40.45	211.1	46.60	228.0	52.69	242.4	57.22	253.8	60.44
	21	126.8	20.79	160.1	29.65	196.0	42.36	211.1	48.20	228.0	54.10	242.4	58.62	253.8	61.85
	23	126.8	22.86	160.1	32.66	196.0	45.26	211.1	51.24	228.0	57.07	242.4	61.58	253.8	64.87
	25	126.8	25.11	160.1	35.20	196.0	48.16	211.1	54.37	228.0	60.26	242.4	64.78	253.8	68.16
	27	126.8	27.18	160.1	37.51	196.0	51.31	211.1	57.52	228.0	63.61	242.4	68.25	253.8	71.80
	29	126.8	28.99	160.1	39.99	196.0	54.68	211.1	60.92	228.0	67.15	242.4	72.05	253.8	75.82
	31	126.8	30.91	160.1	42.64	196.0	58.36	211.1	64.59	228.0	71.02	242.4	76.29	253.8	80.37
	33	126.8	32.97	160.1	45.48	196.0	62.21	211.1	68.58	228.0	75.28	240.6	80.29	241.8	80.74
	35	126.8	35.15	160.1	48.52	196.0	66.09	211.1	72.84	225.4	78.88	225.7	79.04	225.6	79.01
	37	126.8	37.50	160.1	51.81	196.0	70.32	209.5	76.76	210.1	76.98	209.9	76.95	209.9	76.94
	39	126.8	39.99	160.1	55.34	194.6	74.34	194.5	74.34	194.5	74.35	194.5	74.36	194.5	74.35
	41	126.8	42.65	160.1	59.19	179.8	71.24	179.7	71.28	179.7	71.21	179.4	71.11	179.7	71.26
	43	126.8	45.52	160.1	63.42	165.4	66.79	165.2	66.78	165.2	66.73	165.2	66.75	165.0	66.68
	46	126.8	50.21	145.1	60.57	144.9	60.55	144.8	60.57	144.9	60.52	144.6	60.44	144.8	60.54
	48	126.8	53.66	132.2	56.78	132.0	56.76	132.0	56.73	132.2	56.83	131.9	56.80	132.0	56.78
	50	120.4	53.52	120.1	53.46	119.9	53.37	119.9	53.42	119.8	53.34	119.7	53.31	119.7	53.34
	52	106.9	47.77	107.8	46.08	108.4	44.42	108.5	44.09	108.4	43.68	108.4	43.35	108.5	43.14
120	10	117.1	11.62	147.9	15.33	180.9	21.29	194.9	24.53	210.5	28.77	223.9	32.90	234.3	36.41
	12	117.1	12.60	147.9	16.86	180.9	23.53	194.9	27.10	210.5	31.71	223.9	36.18	234.3	39.74
	14	117.1	13.71	147.9	18.57	180.9	25.99	194.9	29.90	210.5	34.91	223.9	39.74	234.3	43.37
	16	117.1	14.94	147.9	20.44	180.9	28.68	194.9	32.96	210.5	38.41	223.9	43.64	234.3	47.30
	18	117.1	16.33	147.9	22.53	180.9	31.64	194.9	36.32	210.5	42.27	223.9	47.70	234.3	51.57
	20	117.1	17.87	147.9	24.83	180.9	34.87	194.9	40.01	210.5	46.37	223.9	51.32	234.3	54.69
	21	117.1	18.69	147.9	26.06	180.9	36.60	194.9	41.93	210.5	47.98	223.9	52.72	234.3	56.14
	23	117.1	20.51	147.9	28.70	180.9	39.77	194.9	44.81	210.5	51.01	223.9	55.66	234.3	59.15
	25	117.1	22.50	147.9	31.36	180.9	42.36	194.9	47.71	210.5	54.18	223.9	58.80	234.3	62.27
	27	117.1	24.58	147.9	33.44	180.9	45.13	194.9	50.81	210.5	57.33	223.9	62.16	234.3	65.63
	29	117.1	26.20	147.9	35.65	180.9	48.11	194.9	54.15	210.5	60.70	223.9	65.72	234.3	69.28
	31	117.1	27.92	147.9	38.02	180.9	51.31	194.9	57.79	210.5	64.35	223.9	69.50	234.3	73.28
	33	117.1	29.76	147.9	40.53	180.9	54.75	194.9	61.73	210.5	68.33	223.9	73.63	234.3	77.75
	35	117.1	31.74	147.9	43.24	180.9	58.50	194.9	65.56	210.5	72.61	223.9	78.23	225.9	79.11
	37	117.1	33.86	147.9	46.14	180.9	62.59	194.9	69.76	209.5	76.72	210.1	76.99	209.9	76.92
	39	117.1	36.11	147.9	49.24	180.9	67.13	194.3	74.14	194.8	74.41	194.5	74.39	194.5	74.36
	41	117.1	38.51	147.9	52.58	179.9	71.26	179.7	71.22	179.6	71.16	179.5	71.18	179.5	71.18
	43	117.1	41.09	147.9	56.22	165.5	66.86	165.5	66.81	165.2	66.73	165.2	66.72	165.2	66.80
	46	117.1	45.30	145.1	60.64	144.9	60.50	144.9	60.50	144.8	60.52	144.8	60.50	144.8	60.47
	48	117.1	48.36	132.2	56.76	132.2	56.81	132.2	56.86	131.9	56.78	131.9	56.76	131.9	56.68
	50	117.1	51.66	120.2	53.43	119.9	53.42	119.9	53.43	119.9	53.44	119.7	53.31	119.9	53.32
	52	106.7	48.42	107.5	46.79	108.4	45.11	108.4	44.79	108.5	44.42	108.5	44.13	108.4	43.94
110	10	107.3	10.77	135.5	13.67	165.9	18.30	178.6	20.80	192.9	24.07	205.1	27.25	214.6	30.02
	12	107.3	11.58	135.5	14.95	165.9	20.20	178.6	22.98	192.9	26.58	205.1	30.07	214.6	33.07
	14	107.3	12.52	135.5	16.40	165.9	22.29	178.6	25.39	192.9	29.33	205.1	33.13	214.6	36.38

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	107.3	13.56	135.5	18.02	165.9	24.61	178.6	28.02	192.9	32.35	205.1	36.49	214.6	40.02
	18	107.3	14.76	135.5	19.81	165.9	27.16	178.6	30.90	192.9	35.66	205.1	40.16	214.6	44.00
	20	107.3	16.08	135.5	21.77	165.9	29.93	178.6	34.07	192.9	39.27	205.1	44.19	214.6	48.07
	21	107.3	16.80	135.5	22.83	165.9	31.42	178.6	35.77	192.9	41.21	205.1	45.89	214.6	49.68
	23	107.3	18.37	135.5	25.13	165.9	34.64	178.6	38.97	192.9	44.12	205.1	48.83	214.6	52.63
	25	107.3	20.11	135.5	27.66	165.9	37.06	178.6	41.53	192.9	46.97	205.1	51.98	214.6	55.64
	27	107.3	22.03	135.5	29.66	165.9	39.51	178.6	44.24	192.9	50.01	205.1	55.35	214.6	58.87
	29	107.3	23.60	135.5	31.63	165.9	42.11	178.6	47.14	192.9	53.32	205.1	58.70	214.6	62.32
	31	107.3	25.13	135.5	33.73	165.9	44.90	178.6	50.28	192.9	56.87	205.1	62.23	214.6	66.09
	33	107.3	26.79	135.5	35.96	165.9	47.88	178.6	53.65	192.9	60.78	205.1	66.06	214.6	70.11
	35	107.3	28.55	135.5	38.36	165.9	51.11	178.6	57.31	192.9	64.75	205.1	70.24	214.6	74.37
	37	107.3	30.45	135.5	40.91	165.9	54.58	178.6	61.30	192.9	68.86	205.1	74.79	210.0	76.94
	39	107.3	32.49	135.5	43.64	165.9	58.35	178.6	65.70	192.9	73.38	194.5	74.35	194.7	74.35
	41	107.3	34.65	135.5	46.57	165.9	62.50	178.6	70.57	179.9	71.26	179.6	71.22	179.6	71.22
	43	107.3	36.98	135.5	49.73	165.5	66.75	165.5	66.88	165.5	66.82	165.2	66.74	165.2	66.73
	46	107.3	40.75	135.5	54.92	144.9	60.56	144.9	60.54	144.8	60.56	144.8	60.56	144.6	60.45
	48	107.3	43.47	132.3	56.86	132.2	56.88	132.1	56.83	132.2	56.83	132.0	56.83	132.0	56.80
	50	107.3	46.39	120.2	53.51	119.9	53.40	119.9	53.42	119.9	53.36	119.8	53.32	119.9	53.40
	52	106.3	48.79	106.9	47.61	108.1	45.94	108.2	45.60	108.5	45.29	108.1	45.00	108.4	44.56
100	10	97.50	10.01	123.2	12.25	150.8	15.77	162.4	17.67	175.4	20.13	186.5	22.55	195.2	24.64
	12	97.50	10.70	123.2	13.33	150.8	17.36	162.4	19.49	175.4	22.25	186.5	24.92	195.2	27.21
	14	97.50	11.48	123.2	14.53	150.8	19.12	162.4	21.52	175.4	24.57	186.5	27.50	195.2	30.01
	16	97.50	12.37	123.2	15.88	150.8	21.07	162.4	23.74	175.4	27.14	186.5	30.35	195.2	33.09
	18	97.50	13.35	123.2	17.39	150.8	23.22	162.4	26.20	175.4	29.94	186.5	33.46	195.2	36.48
	20	97.50	14.49	123.2	19.09	150.8	25.60	162.4	28.89	175.4	33.00	186.5	36.88	195.2	40.15
	21	97.50	15.09	123.2	19.98	150.8	26.87	162.4	30.32	175.4	34.65	186.5	38.70	195.2	42.10
	23	97.50	16.43	123.2	21.95	150.8	29.61	162.4	33.42	175.4	37.87	186.5	41.76	195.2	44.96
	25	97.50	17.94	123.2	24.11	150.8	32.25	162.4	35.92	175.4	40.37	186.5	44.47	195.2	47.86
	27	97.50	19.61	123.2	26.20	150.8	34.37	162.4	38.29	175.4	43.02	186.5	47.37	195.2	50.98
	29	97.50	21.17	123.2	27.92	150.8	36.65	162.4	40.80	175.4	45.86	186.5	50.49	195.2	54.34
	31	97.50	22.53	123.2	29.76	150.8	39.08	162.4	43.51	175.4	48.89	186.5	53.85	195.2	57.98
	33	97.50	24.00	123.2	31.74	150.8	41.67	162.4	46.40	175.4	52.15	186.5	57.49	195.2	61.91
	35	97.50	25.58	123.2	33.86	150.8	44.44	162.4	49.52	175.4	55.71	186.5	61.48	195.2	65.75
	37	97.50	27.26	123.2	36.10	150.8	47.42	162.4	52.86	175.4	59.56	186.5	65.86	195.2	69.95
	39	97.50	29.08	123.2	38.51	150.8	50.63	162.4	56.50	175.4	63.78	186.5	70.12	194.4	74.21
	41	97.50	31.04	123.2	41.08	150.8	54.08	162.4	60.46	175.4	68.46	179.7	71.23	179.9	71.28
	43	97.50	33.11	123.2	43.83	150.8	57.85	162.4	64.82	165.2	66.74	165.5	66.86	165.5	66.86
	46	97.50	36.50	123.2	48.34	144.9	60.57	145.1	60.57	145.1	60.58	145.1	60.60	144.9	60.51
	48	97.50	38.94	123.2	51.61	132.4	56.90	132.2	56.88	132.2	56.82	132.2	56.83	132.2	56.85
	50	97.50	41.56	120.2	53.42	120.1	53.42	120.1	53.42	119.9	53.36	119.9	53.37	119.9	53.37
	52	97.50	44.34	106.7	48.06	107.3	46.89	107.7	46.37	108.1	45.88	108.5	45.38	108.5	44.97
90	10	87.90	9.38	110.8	11.07	135.7	13.67	146.1	15.09	157.8	16.91	167.9	18.66	175.7	20.20
	12	87.90	9.93	110.8	11.94	135.7	14.98	146.1	16.59	157.8	18.64	167.9	20.61	175.7	22.33
	14	87.90	10.57	110.8	12.94	135.7	16.43	146.1	18.24	157.8	20.56	167.9	22.76	175.7	24.65
	16	87.90	11.30	110.8	14.05	135.7	18.04	146.1	20.08	157.8	22.67	167.9	25.13	175.7	27.22
	18	87.90	12.13	110.8	15.31	135.7	19.83	146.1	22.12	157.8	25.01	167.9	27.71	175.7	30.02
	20	87.90	13.06	110.8	16.71	135.7	21.82	146.1	24.37	157.8	27.57	167.9	30.57	175.7	33.10
	21	87.90	13.59	110.8	17.47	135.7	22.89	146.1	25.59	157.8	28.94	167.9	32.11	175.7	34.75
	23	87.90	14.71	110.8	19.12	135.7	25.18	146.1	28.18	157.8	31.90	167.9	35.32	175.7	37.97
	25	87.90	15.98	110.8	20.95	135.7	27.71	146.1	30.84	157.8	34.45	167.9	37.75	175.7	40.48
	27	87.90	17.41	110.8	22.97	135.7	29.71	146.1	32.89	157.8	36.73	167.9	40.24	175.7	43.13

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	87.90	18.93	110.8	24.52	135.7	31.69	146.1	35.06	157.8	39.16	167.9	42.89	175.7	45.97
	31	87.90	20.12	110.8	26.13	135.7	33.78	146.1	37.40	157.8	41.75	167.9	45.73	175.7	49.03
	33	87.90	21.40	110.8	27.85	135.7	36.02	146.1	39.89	157.8	44.54	167.9	48.77	175.7	52.31
	35	87.90	22.78	110.8	29.70	135.7	38.42	146.1	42.54	157.8	47.50	167.9	52.05	175.7	55.85
	37	87.90	24.29	110.8	31.66	135.7	40.98	146.1	45.36	157.8	50.70	167.9	55.61	175.7	59.72
	39	87.90	25.91	110.8	33.78	135.7	43.72	146.1	48.43	157.8	54.15	167.9	59.48	175.7	63.97
	41	87.90	27.64	110.8	36.02	135.7	46.65	146.1	51.71	157.8	57.92	167.9	63.71	175.7	68.67
	43	87.90	29.50	110.8	38.43	135.7	49.81	146.1	55.25	157.8	62.02	165.5	66.80	165.4	66.81
	46	87.90	32.52	110.8	42.35	135.7	55.01	145.1	60.64	145.1	60.58	144.9	60.56	145.1	60.61
	48	87.90	34.71	110.8	45.21	132.5	56.92	132.2	56.87	132.2	56.84	132.2	56.82	132.2	56.84
	50	87.90	37.05	110.8	48.26	120.2	53.51	120.2	53.51	120.1	53.45	120.1	53.45	120.1	53.44
	52	87.90	39.55	106.4	48.62	107.1	47.38	107.5	46.88	107.9	46.33	108.1	45.83	108.5	45.45
80	10	78.00	8.41	98.60	10.09	120.6	11.98	129.9	12.99	140.3	14.27	149.1	15.53	156.3	16.62
	12	78.00	9.29	98.60	10.78	120.6	13.01	129.9	14.18	140.3	15.66	149.1	17.09	156.3	18.32
	14	78.00	9.79	98.60	11.57	120.6	14.18	129.9	15.52	140.3	17.20	149.1	18.82	156.3	20.21
	16	78.00	10.38	98.60	12.48	120.6	15.48	129.9	17.00	140.3	18.93	149.1	20.74	156.3	22.28
	18	78.00	11.05	98.60	13.49	120.6	16.94	129.9	18.65	140.3	20.83	149.1	22.86	156.3	24.57
	20	78.00	11.81	98.60	14.64	120.6	18.54	129.9	20.50	140.3	22.93	149.1	25.19	156.3	27.09
	21	78.00	12.23	98.60	15.25	120.6	19.43	129.9	21.48	140.3	24.05	149.1	26.43	156.3	28.44
	23	78.00	13.18	98.60	16.62	120.6	21.31	129.9	23.63	140.3	26.49	149.1	29.12	156.3	31.33
	25	78.00	14.22	98.60	18.14	120.6	23.42	129.9	25.99	140.3	29.09	149.1	31.78	156.3	33.92
	27	78.00	15.43	98.60	19.83	120.6	25.50	129.9	28.04	140.3	31.11	149.1	33.89	156.3	36.17
	29	78.00	16.78	98.60	21.40	120.6	27.17	129.9	29.90	140.3	33.17	149.1	36.12	156.3	38.57
	31	78.00	17.88	98.60	22.78	120.6	28.98	129.9	31.88	140.3	35.37	149.1	38.52	156.3	41.11
	33	78.00	18.99	98.60	24.27	120.6	30.90	129.9	34.00	140.3	37.71	149.1	41.08	156.3	43.84
	35	78.00	20.20	98.60	25.86	120.6	32.94	129.9	36.24	140.3	40.22	149.1	43.80	156.3	46.77
	37	78.00	21.51	98.60	27.57	120.6	35.15	129.9	38.67	140.3	42.89	149.1	46.73	156.3	49.92
	39	78.00	22.94	98.60	29.41	120.6	37.47	129.9	41.24	140.3	45.76	149.1	49.90	156.3	53.31
	41	78.00	24.47	98.60	31.38	120.6	39.99	129.9	44.01	140.3	48.85	149.1	53.30	156.3	56.98
	43	78.00	26.12	98.60	33.48	120.6	42.65	129.9	46.95	140.3	52.17	149.1	56.97	156.3	61.00
	46	78.00	28.81	98.60	36.91	120.6	47.03	129.9	51.82	140.3	57.69	144.9	60.51	144.9	60.54
	48	78.00	30.78	98.60	39.39	120.6	50.22	129.9	55.39	132.2	56.82	132.2	56.81	132.2	56.78
	50	78.00	32.87	98.60	42.03	120.2	53.43	120.2	53.47	120.1	53.44	120.1	53.40	119.9	53.40
	52	78.00	35.09	98.60	44.85	106.7	48.02	107.1	47.50	107.5	46.96	107.7	46.44	108.1	46.06
70	10	68.40	6.90	86.20	9.29	105.5	10.61	113.7	11.32	122.7	12.20	130.5	13.07	136.6	13.80
	12	68.40	8.65	86.20	9.82	105.5	11.41	113.7	12.24	122.7	13.28	130.5	14.27	136.6	15.12
	14	68.40	9.05	86.20	10.43	105.5	12.31	113.7	13.27	122.7	14.48	130.5	15.61	136.6	16.59
	16	68.40	9.53	86.20	11.13	105.5	13.34	113.7	14.44	122.7	15.82	130.5	17.11	136.6	18.21
	18	68.40	10.07	86.20	11.94	105.5	14.48	113.7	15.75	122.7	17.33	130.5	18.79	136.6	20.03
	20	68.40	10.69	86.20	12.86	105.5	15.77	113.7	17.21	122.7	18.98	130.5	20.64	136.6	22.04
	21	68.40	11.03	86.20	13.36	105.5	16.47	113.7	18.00	122.7	19.90	130.5	21.65	136.6	23.11
	23	68.40	11.79	86.20	14.46	105.5	17.99	113.7	19.73	122.7	21.84	130.5	23.80	136.6	25.44
	25	68.40	12.65	86.20	15.69	105.5	19.69	113.7	21.62	122.7	24.00	130.5	26.19	136.6	27.99
	27	68.40	13.64	86.20	17.07	105.5	21.56	113.7	23.67	122.7	26.09	130.5	28.24	136.6	30.00
	29	68.40	14.77	86.20	18.58	105.5	23.13	113.7	25.25	122.7	27.79	130.5	30.10	136.6	31.99
	31	68.40	15.84	86.20	19.73	105.5	24.63	113.7	26.91	122.7	29.65	130.5	32.10	136.6	34.11
	33	68.40	16.78	86.20	21.00	105.5	26.24	113.7	28.69	122.7	31.60	130.5	34.23	136.6	36.38
	35	68.40	17.82	86.20	22.36	105.5	27.99	113.7	30.59	122.7	33.70	130.5	36.49	136.6	38.80
	37	68.40	18.96	86.20	23.82	105.5	29.84	113.7	32.63	122.7	35.96	130.5	38.92	136.6	41.38
	39	68.40	20.18	86.20	25.41	105.5	31.85	113.7	34.81	122.7	38.34	130.5	41.52	136.6	44.14
	41	68.40	21.52	86.20	27.11	105.5	33.95	113.7	37.14	122.7	40.91	130.5	44.32	136.6	47.10

26. ARUM580LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	68.40	22.98	86.20	28.93	105.5	36.23	113.7	39.61	122.7	43.63	130.5	47.28	136.6	50.29
	46	68.40	25.35	86.20	31.90	105.5	39.94	113.7	43.66	122.7	48.12	130.5	52.18	136.6	55.56
	48	68.40	27.09	86.20	34.06	105.5	42.61	113.7	46.60	122.7	51.39	130.5	55.80	132.4	56.88
	50	68.40	28.96	86.20	36.35	105.5	45.47	113.7	49.74	120.2	53.47	120.2	53.40	120.1	53.46
	52	68.40	30.93	86.20	38.80	105.5	48.53	106.6	48.36	106.9	47.77	107.3	47.24	107.5	46.86
60	10	58.60	5.43	73.90	7.75	90.50	9.54	97.40	10.01	105.3	10.58	111.9	11.16	117.1	11.65
	12	58.60	7.83	73.90	9.03	90.50	10.13	97.40	10.68	105.3	11.39	111.9	12.05	117.1	12.62
	14	58.60	8.16	73.90	9.49	90.50	10.79	97.40	11.46	105.3	12.28	111.9	13.05	117.1	13.71
	16	58.60	8.56	73.90	10.02	90.50	11.57	97.40	12.34	105.3	13.29	111.9	14.19	117.1	14.94
	18	58.60	9.01	73.90	10.63	90.50	12.44	97.40	13.33	105.3	14.43	111.9	15.47	117.1	16.33
	20	58.60	9.52	73.90	11.33	90.50	13.44	97.40	14.47	105.3	15.72	111.9	16.88	117.1	17.87
	21	58.60	9.80	73.90	11.72	90.50	13.98	97.40	15.06	105.3	16.42	111.9	17.66	117.1	18.71
	23	58.60	10.42	73.90	12.57	90.50	15.16	97.40	16.40	105.3	17.93	111.9	19.34	117.1	20.51
	25	58.60	11.13	73.90	13.55	90.50	16.50	97.40	17.89	105.3	19.62	111.9	21.20	117.1	22.50
	27	58.60	11.95	73.90	14.65	90.50	17.99	97.40	19.58	105.3	21.50	111.9	23.23	117.1	24.58
	29	58.60	12.88	73.90	15.89	90.50	19.52	97.40	21.14	105.3	23.07	111.9	24.80	117.1	26.20
	31	58.60	13.89	73.90	16.99	90.50	20.74	97.40	22.49	105.3	24.56	111.9	26.41	117.1	27.92
	33	58.60	14.68	73.90	18.03	90.50	22.07	97.40	23.94	105.3	26.18	111.9	28.16	117.1	29.79
	35	58.60	15.56	73.90	19.17	90.50	23.51	97.40	25.53	105.3	27.91	111.9	30.03	117.1	31.77
	37	58.60	16.53	73.90	20.39	90.50	25.07	97.40	27.21	105.3	29.75	111.9	32.02	117.1	33.87
	39	58.60	17.58	73.90	21.75	90.50	26.75	97.40	29.02	105.3	31.74	111.9	34.17	117.1	36.13
	41	58.60	18.75	73.90	23.18	90.50	28.54	97.40	30.98	105.3	33.86	111.9	36.44	117.1	38.54
	43	58.60	20.02	73.90	24.75	90.50	30.45	97.40	33.05	105.3	36.11	111.9	38.88	117.1	41.12
	46	58.60	22.14	73.90	27.32	90.50	33.58	97.40	36.42	105.3	39.80	111.9	42.85	117.1	45.33
	48	58.60	23.66	73.90	29.18	90.50	35.83	97.40	38.86	105.3	42.47	111.9	45.71	117.1	48.38
	50	58.60	25.30	73.90	31.18	90.50	38.23	97.40	41.47	105.3	45.33	111.9	48.82	117.1	51.68
	52	58.60	27.07	73.90	33.30	90.50	40.79	97.40	44.26	105.3	48.39	106.5	48.39	106.7	47.98
50	10	48.70	4.18	61.50	5.86	75.40	7.98	81.20	8.84	87.60	9.37	93.30	9.73	97.70	10.01
	12	48.70	6.60	61.50	8.08	75.40	9.13	81.20	9.49	87.60	9.93	93.30	10.34	97.70	10.70
	14	48.70	7.31	61.50	8.45	75.40	9.60	81.20	10.02	87.60	10.57	93.30	11.07	97.70	11.48
	16	48.70	7.62	61.50	8.87	75.40	10.13	81.20	10.66	87.60	11.29	93.30	11.87	97.70	12.37
	18	48.70	7.97	61.50	9.33	75.40	10.77	81.20	11.38	87.60	12.11	93.30	12.80	97.70	13.35
	20	48.70	8.37	61.50	9.89	75.40	11.50	81.20	12.20	87.60	13.05	93.30	13.83	97.70	14.50
	21	48.70	8.59	61.50	10.17	75.40	11.89	81.20	12.65	87.60	13.56	93.30	14.40	97.70	15.11
	23	48.70	9.10	61.50	10.85	75.40	12.79	81.20	13.65	87.60	14.68	93.30	15.65	97.70	16.46
	25	48.70	9.67	61.50	11.61	75.40	13.78	81.20	14.77	87.60	15.97	93.30	17.06	97.70	17.95
	27	48.70	10.32	61.50	12.49	75.40	14.93	81.20	16.04	87.60	17.38	93.30	18.61	97.70	19.61
	29	48.70	11.05	61.50	13.48	75.40	16.20	81.20	17.46	87.60	18.90	93.30	20.16	97.70	21.17
	31	48.70	11.88	61.50	14.51	75.40	17.30	81.20	18.58	87.60	20.09	93.30	21.44	97.70	22.53
	33	48.70	12.59	61.50	15.34	75.40	18.37	81.20	19.74	87.60	21.37	93.30	22.82	97.70	24.00
	35	48.70	13.30	61.50	16.25	75.40	19.53	81.20	21.02	87.60	22.76	93.30	24.32	97.70	25.58
	37	48.70	14.07	61.50	17.28	75.40	20.78	81.20	22.38	87.60	24.26	93.30	25.92	97.70	27.28
	39	48.70	14.94	61.50	18.40	75.40	22.15	81.20	23.86	87.60	25.88	93.30	27.65	97.70	29.10
	41	48.70	15.90	61.50	19.61	75.40	23.63	81.20	25.46	87.60	27.59	93.30	29.50	97.70	31.04
	43	48.70	16.95	61.50	20.93	75.40	25.23	81.20	27.17	87.60	29.46	93.30	31.49	97.70	33.12
	46	48.70	18.74	61.50	23.12	75.40	27.85	81.20	29.99	87.60	32.49	93.30	34.70	97.70	36.50
	48	48.70	20.10	61.50	24.70	75.40	29.74	81.20	32.01	87.60	34.66	93.30	37.04	97.70	38.95
	50	48.70	21.60	61.50	26.42	75.40	31.77	81.20	34.16	87.60	37.00	93.30	39.52	97.70	41.56
	52	48.70	23.24	61.50	28.25	75.40	33.92	81.20	36.47	87.60	39.50	93.30	42.17	97.70	44.37

26. ARUM580LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

26. ARUM580LTE6

26.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	34.50	2.27	55.40	3.64	78.60	5.20	84.10	5.60	89.60	5.99	95.40	6.41	101.5	6.94
	12	34.50	2.27	55.40	3.64	78.60	5.25	84.10	5.65	89.60	6.05	95.40	6.47	101.5	7.05
	14	34.50	2.27	55.40	3.67	78.60	5.33	84.10	5.74	89.60	6.16	95.40	6.61	101.5	7.22
	16	34.50	2.28	55.40	3.72	78.60	5.47	84.10	5.90	89.60	6.36	95.40	6.86	101.5	7.58
	18	34.50	2.30	55.40	3.83	78.60	5.76	84.10	6.27	89.60	6.80	95.40	7.41	101.5	8.34
	20	34.50	2.38	55.40	4.08	78.60	6.51	84.10	7.19	89.60	7.93	95.40	8.77	101.5	10.26
	21	39.10	3.00	59.70	5.20	82.70	8.85	88.20	9.47	93.70	10.00	99.10	10.55	104.7	11.42
	23	48.20	7.00	68.70	8.69	91.40	11.05	96.60	11.65	101.8	12.32	106.4	12.93	111.6	13.95
	25	57.70	8.64	77.70	10.75	100.3	13.79	105.0	14.55	110.2	15.35	114.0	16.02	118.6	17.20
	27	67.30	10.90	87.00	13.51	109.3	17.41	113.9	18.33	118.6	19.25	121.8	19.88	132.5	22.59
	29	77.10	13.95	96.30	17.03	118.6	21.44	122.9	22.39	127.6	23.42	135.2	25.24	156.6	31.64
	31	87.30	17.47	106.1	21.01	128.2	26.30	132.2	27.36	143.6	30.51	160.1	35.44	181.0	43.74
	33	97.70	21.83	116.0	25.97	137.8	32.27	151.7	36.74	168.8	42.84	184.7	49.06	205.1	59.93
	35	108.4	27.34	126.4	32.15	161.8	44.92	176.9	51.44	194.0	59.52	209.3	67.09	229.3	77.46
	37	108.4	29.18	126.4	34.32	161.8	47.96	176.9	54.95	194.0	63.74	209.3	71.43	214.8	75.85
	39	108.4	31.14	126.4	36.62	161.8	51.22	176.9	58.77	194.0	68.39	201.1	72.15	198.8	72.83
	41	108.4	33.24	126.4	39.09	161.8	54.75	176.9	62.97	185.8	68.13	185.7	68.15	183.6	69.10
	43	108.4	35.49	126.4	41.72	161.8	58.58	171.0	63.88	170.8	63.82	170.8	63.81	169.0	64.79
	46	108.4	39.12	126.4	46.00	150.1	58.12	150.1	58.11	149.8	58.04	150.1	58.12	148.1	58.76
	48	108.4	41.76	126.4	49.12	136.9	54.60	137.1	54.71	136.8	54.59	136.6	54.55	135.1	55.21
	50	108.4	44.57	124.5	51.43	124.3	51.39	124.2	51.44	124.2	51.39	124.0	51.33	122.5	51.98
	52	107.2	46.76	109.1	44.82	110.3	43.27	110.5	42.96	110.9	42.61	111.1	42.32	110.8	42.59
120	10	31.90	2.10	51.10	3.35	72.50	4.80	77.50	5.14	82.70	5.51	88.10	5.88	93.70	6.33
	12	31.90	2.10	51.10	3.36	72.50	4.83	77.50	5.19	82.70	5.54	88.10	5.94	93.70	6.42
	14	31.90	2.10	51.10	3.38	72.50	4.88	77.50	5.25	82.70	5.65	88.10	6.04	93.70	6.56
	16	31.90	2.10	51.10	3.41	72.50	4.99	77.50	5.39	82.70	5.79	88.10	6.24	93.70	6.83
	18	31.90	2.13	51.10	3.49	72.50	5.22	77.50	5.67	82.70	6.15	88.10	6.66	93.70	7.44
	20	31.90	2.18	51.10	3.69	72.50	5.80	77.50	6.40	82.70	7.02	88.10	7.72	93.70	9.05
	21	36.00	2.69	55.10	4.61	76.30	7.78	81.50	8.69	86.40	9.32	91.40	9.78	96.80	10.53
	23	44.60	6.69	63.30	8.19	84.40	10.26	89.10	10.77	94.00	11.35	98.30	11.87	103.0	12.75
	25	53.30	8.19	71.60	10.04	92.50	12.68	97.10	13.32	101.8	14.02	105.3	14.57	109.4	15.61
	27	62.10	10.20	80.30	12.50	100.9	15.85	105.2	16.63	109.6	17.47	112.5	18.05	122.4	20.47
	29	71.30	12.93	89.00	15.70	109.4	19.54	113.4	20.35	117.7	21.25	124.9	22.83	144.7	28.33
	31	80.60	16.18	98.00	19.25	118.3	23.82	122.1	24.74	132.5	27.45	147.6	31.69	167.0	38.79
	33	90.20	20.04	107.3	23.64	127.3	29.09	140.1	32.95	156.0	38.16	170.5	43.45	189.4	52.58
	35	100.1	24.93	116.6	29.10	149.3	40.10	163.3	45.62	179.2	52.39	193.1	59.07	211.7	69.76
	37	100.1	26.61	116.6	31.06	149.3	42.81	163.3	48.71	179.2	56.00	193.1	63.22	211.7	74.33
	39	100.1	28.40	116.6	33.16	149.3	45.69	163.3	52.02	179.2	59.90	193.1	67.84	198.9	72.88
	41	100.1	30.31	116.6	35.40	149.3	48.78	163.3	55.61	179.2	64.18	185.8	68.13	183.5	69.08
	43	100.1	32.35	116.6	37.78	149.3	52.10	163.3	59.52	171.0	63.83	171.0	63.84	168.9	64.67
	46	100.1	35.70	116.6	41.64	149.3	57.62	150.1	58.10	149.9	58.04	149.8	58.02	148.1	58.82
	48	100.1	38.10	116.6	44.45	136.9	54.66	136.9	54.66	136.8	54.61	136.6	54.50	135.1	55.28
	50	100.1	40.66	116.6	47.45	124.3	51.40	124.2	51.37	124.8	51.61	124.3	51.37	122.7	51.98
	52	100.1	43.42	108.8	45.47	109.9	43.90	110.1	43.59	110.3	43.24	110.5	43.01	110.3	43.39
110	10	29.30	1.91	47.00	3.07	66.40	4.38	71.10	4.69	75.70	5.03	80.60	5.37	85.80	5.77
	12	29.30	1.91	47.00	3.07	66.40	4.40	71.10	4.74	75.70	5.06	80.60	5.40	85.80	5.85
	14	29.30	1.91	47.00	3.09	66.40	4.46	71.10	4.77	75.70	5.14	80.60	5.48	85.80	5.94
	16	29.30	1.93	47.00	3.12	66.40	4.54	71.10	4.88	75.70	5.25	80.60	5.64	85.80	6.16
	18	29.30	1.93	47.00	3.18	66.40	4.71	71.10	5.10	75.70	5.52	80.60	5.95	85.80	6.63

26. ARUM580LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	29.30	1.96	47.00	3.32	66.40	5.15	71.10	5.66	75.70	6.20	80.60	6.79	85.80	7.84
	21	33.10	2.41	50.50	4.07	69.90	6.70	74.50	7.46	79.20	8.31	83.80	8.98	88.70	9.73
	23	40.90	6.40	58.00	7.73	77.40	9.53	81.70	9.98	86.10	10.46	90.20	10.88	94.50	11.66
	25	48.70	7.73	65.80	9.37	84.70	11.65	89.00	12.18	93.10	12.76	96.60	13.24	100.3	14.13
	27	56.90	9.52	73.60	11.54	92.50	14.40	96.30	15.07	100.4	15.77	103.2	16.27	112.2	18.42
	29	65.30	11.95	81.50	14.40	100.3	17.78	104.1	18.47	107.9	19.23	114.5	20.57	132.6	25.26
	31	73.90	14.93	89.90	17.58	108.4	21.52	111.9	22.30	121.5	24.62	135.4	28.22	153.1	34.23
	33	82.70	18.35	98.30	21.44	116.6	26.13	128.4	29.41	142.9	33.84	156.3	38.30	173.5	45.93
	35	91.70	22.66	107.0	26.24	136.9	35.64	149.7	40.30	164.2	45.95	177.1	51.45	194.0	61.37
	37	91.70	24.17	107.0	28.01	136.9	38.04	149.7	43.01	164.2	49.07	177.1	54.98	194.0	65.78
	39	91.70	25.79	107.0	29.90	136.9	40.59	149.7	45.91	164.2	52.41	177.1	58.80	194.0	70.32
	41	91.70	27.55	107.0	31.92	136.9	43.33	149.7	49.01	164.2	56.03	177.1	63.00	183.8	69.13
	43	91.70	29.41	107.0	34.08	136.9	46.24	149.7	52.38	164.2	59.96	171.1	63.87	169.0	64.74
	46	91.70	32.45	107.0	37.58	136.9	51.03	149.7	57.92	150.0	58.11	150.1	58.10	148.1	58.82
	48	91.70	34.65	107.0	40.11	136.7	54.45	136.8	54.54	136.9	54.65	136.9	54.57	135.1	55.21
	50	91.70	36.99	107.0	42.79	124.5	51.45	124.5	51.45	124.2	51.39	124.3	51.38	122.8	52.00
	52	91.70	39.50	107.0	45.64	109.4	44.68	109.5	44.37	109.7	44.02	109.3	43.73	109.8	43.87
100	10	26.70	1.74	42.60	2.78	60.30	3.98	64.70	4.26	69.00	4.55	73.40	4.86	78.00	5.23
	12	26.70	1.74	42.60	2.79	60.30	3.98	64.70	4.29	69.00	4.58	73.40	4.89	78.00	5.28
	14	26.70	1.74	42.60	2.79	60.30	4.03	64.70	4.32	69.00	4.63	73.40	4.94	78.00	5.34
	16	26.70	1.74	42.60	2.81	60.30	4.09	64.70	4.40	69.00	4.71	73.40	5.05	78.00	5.51
	18	26.70	1.76	42.60	2.86	60.30	4.20	64.70	4.56	69.00	4.91	73.40	5.30	78.00	5.84
	20	26.70	1.78	42.60	2.97	60.30	4.56	64.70	4.98	69.00	5.41	73.40	5.91	78.00	6.76
	21	30.10	2.15	46.10	3.56	63.80	5.74	67.80	6.36	71.90	7.04	76.20	7.75	80.60	8.99
	23	37.10	6.10	52.80	7.26	70.20	8.83	74.20	9.23	78.30	9.62	81.80	10.01	85.80	10.63
	25	44.40	7.28	59.70	8.72	77.10	10.67	80.90	11.14	84.70	11.62	87.80	12.01	91.10	12.77
	27	51.70	8.87	66.90	10.62	84.10	13.06	87.60	13.62	91.30	14.23	93.70	14.62	101.8	16.42
	29	59.40	11.01	74.20	13.13	91.10	16.10	94.50	16.69	98.00	17.35	104.1	18.48	120.6	22.42
	31	67.20	13.72	81.70	16.01	98.60	19.36	101.5	20.01	110.5	21.99	123.0	25.02	139.2	30.07
	33	75.10	16.76	89.30	19.39	106.1	23.36	116.6	26.13	129.9	29.85	142.1	33.59	157.8	39.94
	35	83.50	20.51	97.20	23.56	124.4	31.50	136.1	35.41	149.3	40.10	161.0	44.64	176.3	52.70
	37	83.50	21.87	97.20	25.15	124.4	33.63	136.1	37.79	149.3	42.81	161.0	47.65	176.3	56.33
	39	83.50	23.35	97.20	26.83	124.4	35.89	136.1	40.34	149.3	45.69	161.0	50.89	176.3	60.27
	41	83.50	24.92	97.20	28.65	124.4	38.30	136.1	43.05	149.3	48.79	161.0	54.39	176.3	64.60
	43	83.50	26.62	97.20	30.61	124.4	40.88	136.1	45.96	149.3	52.13	161.0	58.17	169.2	64.81
	46	83.50	29.39	97.20	33.77	124.4	45.07	136.1	50.70	149.3	57.65	150.1	58.12	148.1	58.75
	48	83.50	31.39	97.20	36.05	124.4	48.12	136.1	54.18	136.9	54.63	136.7	54.56	135.1	55.22
	50	83.50	33.54	97.20	38.47	124.1	51.25	124.5	51.44	124.3	51.41	124.4	51.46	122.6	51.92
	52	83.50	35.82	97.20	41.07	108.5	45.56	109.1	45.08	109.3	44.54	109.7	44.11	109.4	44.21
90	10	24.00	1.56	38.30	2.50	54.30	3.56	58.30	3.83	62.00	4.09	66.10	4.35	70.20	4.69
	12	24.00	1.56	38.30	2.50	54.30	3.58	58.30	3.84	62.00	4.09	66.10	4.38	70.20	4.72
	14	24.00	1.56	38.30	2.50	54.30	3.60	58.30	3.86	62.00	4.14	66.10	4.43	70.20	4.77
	16	24.00	1.56	38.30	2.53	54.30	3.64	58.30	3.92	62.00	4.20	66.10	4.51	70.20	4.88
	18	24.00	1.56	38.30	2.55	54.30	3.74	58.30	4.03	62.00	4.34	66.10	4.68	70.20	5.13
	20	24.00	1.59	38.30	2.63	54.30	3.97	58.30	4.33	62.00	4.70	66.10	5.12	70.20	5.80
	21	27.00	1.87	41.40	3.09	57.40	4.87	60.90	5.37	64.70	5.91	68.50	6.47	72.50	7.80
	23	33.40	5.81	47.50	6.83	63.20	8.18	66.70	8.52	70.50	8.86	73.70	9.17	77.20	9.73
	25	40.00	6.86	53.70	8.10	69.30	9.77	72.80	10.16	76.30	10.58	78.90	10.92	82.10	11.54
	27	46.70	8.25	60.10	9.74	75.70	11.83	78.90	12.30	82.10	12.78	84.40	13.12	91.70	14.63
	29	53.40	10.11	66.70	11.92	82.10	14.50	85.00	15.04	88.20	15.58	93.70	16.54	108.5	19.83
	31	60.40	12.53	73.40	14.54	88.70	17.35	91.40	17.91	99.40	19.54	110.8	22.05	125.3	26.24

26. ARUM580LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	67.60	15.24	80.30	17.46	95.40	20.79	105.0	23.11	116.9	26.19	127.9	29.26	142.1	34.49
	35	75.10	18.51	87.60	21.06	111.9	27.68	122.6	30.92	134.3	34.80	145.0	38.49	158.7	45.03
	37	75.10	19.71	87.60	22.46	111.9	29.55	122.6	33.01	134.3	37.12	145.0	41.08	158.7	48.07
	39	75.10	21.02	87.60	23.97	111.9	31.53	122.6	35.22	134.3	39.64	145.0	43.85	158.7	51.33
	41	75.10	22.45	87.60	25.59	111.9	33.66	122.6	37.60	134.3	42.30	145.0	46.81	158.7	54.87
	43	75.10	23.98	87.60	27.35	111.9	35.94	122.6	40.13	134.3	45.15	145.0	49.99	158.7	58.70
	46	75.10	26.50	87.60	30.18	111.9	39.63	122.6	44.24	134.3	49.81	145.0	55.22	148.3	58.82
	48	75.10	28.33	87.60	32.24	111.9	42.29	122.6	47.23	134.3	53.21	136.9	54.61	135.4	55.33
	50	75.10	30.27	87.60	34.43	111.9	45.13	122.6	50.43	124.3	51.40	124.3	51.43	122.8	52.04
	52	75.10	32.34	87.60	36.77	108.4	46.05	108.8	45.55	109.1	45.02	109.3	44.52	109.3	44.69
80	10	21.20	1.39	34.20	2.22	48.40	3.16	51.60	3.38	55.10	3.61	58.60	3.86	62.40	4.15
	12	21.20	1.39	34.20	2.22	48.40	3.16	51.60	3.41	55.10	3.63	58.60	3.87	62.40	4.17
	14	21.20	1.39	34.20	2.22	48.40	3.18	51.60	3.41	55.10	3.66	58.60	3.89	62.40	4.20
	16	21.20	1.39	34.20	2.22	48.40	3.21	51.60	3.46	55.10	3.69	58.60	3.95	62.40	4.29
	18	21.20	1.39	34.20	2.24	48.40	3.27	51.60	3.52	55.10	3.80	58.60	4.08	62.40	4.45
	20	21.20	1.39	34.20	2.30	48.40	3.43	51.60	3.74	55.10	4.05	58.60	4.39	62.40	4.92
	21	24.10	1.64	36.80	2.66	51.00	4.10	54.20	4.49	57.70	4.92	60.90	5.35	64.40	6.35
	23	30.30	5.59	42.30	6.41	56.30	7.56	59.40	7.84	62.60	8.13	65.50	8.38	68.70	8.86
	25	35.40	6.44	47.80	7.51	61.70	8.92	64.70	9.25	67.80	9.60	70.20	9.87	73.00	10.39
	27	41.50	7.65	53.40	8.92	67.30	10.67	70.20	11.06	73.10	11.46	75.10	11.74	81.50	12.98
	29	47.50	9.26	59.40	10.79	73.00	12.93	75.70	13.38	78.50	13.86	83.20	14.70	96.50	17.45
	31	53.70	11.36	65.30	13.10	78.90	15.50	81.20	15.95	88.40	17.29	98.60	19.34	111.4	22.75
	33	60.10	13.74	71.40	15.65	84.90	18.41	93.40	20.31	103.9	22.83	113.7	25.32	126.2	29.55
	35	66.70	16.62	77.70	18.73	99.50	24.17	109.0	26.81	119.5	29.94	128.8	32.93	141.0	38.18
	37	66.70	17.68	77.70	19.96	99.50	25.79	109.0	28.62	119.5	31.95	128.8	35.14	141.0	40.73
	39	66.70	18.86	77.70	21.30	99.50	27.53	109.0	30.55	119.5	34.11	128.8	37.51	141.0	43.49
	41	66.70	20.14	77.70	22.75	99.50	29.40	109.0	32.60	119.5	36.41	128.8	40.03	141.0	46.42
	43	66.70	21.51	77.70	24.29	99.50	31.39	109.0	34.81	119.5	38.87	128.8	42.72	141.0	49.56
	46	66.70	23.77	77.70	26.84	99.50	34.64	109.0	38.37	119.5	42.84	128.8	47.11	141.0	54.77
	48	66.70	25.40	77.70	28.69	99.50	36.97	109.0	40.95	119.5	45.73	128.8	50.32	135.3	55.29
	50	66.70	27.18	77.70	30.66	99.50	39.45	109.0	43.71	119.5	48.82	124.3	51.43	122.8	51.98
	52	66.70	29.07	77.70	32.76	99.50	42.10	107.6	45.82	108.7	45.62	109.0	45.13	108.9	45.28
70	10	18.60	1.22	29.90	1.94	42.30	2.76	45.20	2.96	48.20	3.16	51.30	3.36	54.60	3.61
	12	18.60	1.22	29.90	1.93	42.30	2.76	45.20	2.96	48.20	3.16	51.30	3.38	54.60	3.63
	14	18.60	1.22	29.90	1.93	42.30	2.78	45.20	2.98	48.20	3.18	51.30	3.38	54.60	3.66
	16	18.60	1.22	29.90	1.94	42.30	2.78	45.20	2.99	48.20	3.21	51.30	3.43	54.60	3.69
	18	18.60	1.22	29.90	1.96	42.30	2.84	45.20	3.04	48.20	3.27	51.30	3.49	54.60	3.83
	20	18.60	1.22	29.90	1.99	42.30	2.95	45.20	3.18	48.20	3.43	51.30	3.71	54.60	4.11
	21	21.10	1.42	32.20	2.26	44.60	3.40	47.50	3.71	50.40	4.04	53.40	4.38	56.50	5.09
	23	26.10	4.79	36.90	6.01	49.30	6.97	51.90	7.20	54.80	7.45	57.40	7.65	60.00	8.04
	25	31.00	6.04	41.80	6.92	53.90	8.10	56.60	8.38	59.40	8.67	61.50	8.89	63.80	9.34
	27	36.20	7.06	46.70	8.13	58.90	9.58	61.20	9.91	63.80	10.24	65.60	10.45	71.30	11.46
	29	41.50	8.42	51.90	9.69	63.80	11.47	66.10	11.83	68.70	12.23	72.80	12.91	84.40	15.24
	31	47.00	10.23	57.10	11.73	69.00	13.74	71.10	14.13	77.40	15.22	86.10	16.87	97.40	19.59
	33	52.50	12.28	62.60	13.91	74.20	16.22	81.80	17.74	91.00	19.75	99.50	21.72	110.5	25.10
	35	58.30	14.77	68.10	16.56	87.00	20.95	95.40	23.05	104.4	25.55	112.8	27.90	123.5	32.04
	37	58.30	15.70	68.10	17.62	87.00	22.34	95.40	24.59	104.4	27.27	112.8	29.77	123.5	34.19
	39	58.30	16.72	68.10	18.80	87.00	23.85	95.40	26.26	104.4	29.10	112.8	31.79	123.5	36.49
	41	58.30	17.85	68.10	20.08	87.00	25.47	95.40	28.03	104.4	31.08	112.8	33.94	123.5	38.95
	43	58.30	19.10	68.10	21.45	87.00	27.19	95.40	29.94	104.4	33.19	112.8	36.22	123.5	41.58
	46	58.30	21.12	68.10	23.71	87.00	30.04	95.40	33.04	104.4	36.58	112.8	39.94	123.5	45.85

26. ARUM580LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	58.30	22.63	68.10	25.35	87.00	32.07	95.40	35.27	104.4	39.05	112.8	42.63	123.5	48.96
	50	58.30	24.24	68.10	27.12	87.00	34.26	95.40	37.66	104.4	41.67	112.8	45.49	122.8	52.00
	52	58.30	25.97	68.10	28.99	87.00	36.58	95.40	40.20	104.4	44.48	108.6	45.95	108.3	46.06
60	10	16.00	1.06	25.50	1.65	36.20	2.36	38.80	2.53	41.40	2.70	44.10	2.87	46.70	3.09
	12	16.00	1.06	25.50	1.65	36.20	2.36	38.80	2.53	41.40	2.70	44.10	2.87	46.70	3.10
	14	16.00	1.04	25.50	1.65	36.20	2.36	38.80	2.53	41.40	2.70	44.10	2.90	46.70	3.10
	16	16.00	1.04	25.50	1.65	36.20	2.38	38.80	2.55	41.40	2.73	44.10	2.90	46.70	3.13
	18	16.00	1.04	25.50	1.67	36.20	2.39	38.80	2.58	41.40	2.76	44.10	2.95	46.70	3.21
	20	16.00	1.04	25.50	1.68	36.20	2.47	38.80	2.66	41.40	2.86	44.10	3.09	46.70	3.40
	21	18.00	1.19	27.60	1.87	38.30	2.78	40.60	3.03	43.20	3.28	45.80	3.53	48.40	4.02
	23	22.30	3.37	31.60	5.04	42.10	6.40	44.60	6.60	47.00	6.78	49.00	6.97	51.60	7.28
	25	28.50	5.86	35.90	6.38	46.40	7.34	48.50	7.57	50.80	7.79	52.70	7.99	54.80	8.33
	27	31.00	6.52	40.00	7.37	50.50	8.56	52.50	8.81	54.80	9.09	56.30	9.26	61.20	10.08
	29	35.70	7.65	44.40	8.67	54.80	10.11	56.80	10.40	58.90	10.71	62.40	11.27	72.30	13.13
	31	40.30	9.12	49.00	10.34	59.10	12.05	60.90	12.36	66.20	13.26	73.90	14.59	83.50	16.74
	33	45.00	10.89	53.60	12.22	63.50	14.12	69.90	15.39	78.00	16.95	85.30	18.49	94.60	21.10
	35	50.10	12.93	58.30	14.43	74.60	18.01	81.80	19.64	89.60	21.57	96.60	23.39	105.8	26.58
	37	50.10	13.72	58.30	15.33	74.60	19.18	81.80	20.94	89.60	23.02	96.60	24.95	105.8	28.37
	39	50.10	14.57	58.30	16.33	74.60	20.46	81.80	22.34	89.60	24.56	96.60	26.63	105.8	30.27
	41	50.10	15.51	58.30	17.43	74.60	21.85	81.80	23.87	89.60	26.23	96.60	28.45	105.8	32.32
	43	50.10	16.53	58.30	18.65	74.60	23.34	81.80	25.50	89.60	28.03	96.60	30.38	105.8	34.50
	46	50.10	18.29	58.30	20.67	74.60	25.79	81.80	28.16	89.60	30.93	96.60	33.52	105.8	38.03
	48	50.10	19.61	58.30	22.15	74.60	27.57	81.80	30.10	89.60	33.02	96.60	35.77	105.8	40.59
	50	50.10	21.06	58.30	23.75	74.60	29.48	81.80	32.15	89.60	35.28	96.60	38.19	105.8	43.34
	52	50.10	22.67	58.30	25.46	74.60	31.52	81.80	34.33	89.60	37.65	96.60	40.76	105.8	46.26
50	10	13.30	1.02	21.40	1.39	30.20	1.96	32.20	2.10	34.50	2.25	36.80	2.39	39.10	2.56
	12	13.30	1.02	21.40	1.39	30.20	1.96	32.20	2.10	34.50	2.24	36.80	2.39	39.10	2.56
	14	13.30	1.02	21.40	1.39	30.20	1.96	32.20	2.10	34.50	2.25	36.80	2.39	39.10	2.58
	16	13.30	1.02	21.40	1.37	30.20	1.96	32.20	2.10	34.50	2.25	36.80	2.41	39.10	2.59
	18	13.30	1.02	21.40	1.39	30.20	1.98	32.20	2.13	34.50	2.27	36.80	2.44	39.10	2.64
	20	13.30	1.02	21.40	1.39	30.20	2.01	32.20	2.16	34.50	2.33	36.80	2.50	39.10	2.72
	21	15.10	1.00	22.90	1.53	31.90	2.23	33.90	2.41	36.00	2.58	38.00	2.78	40.30	3.11
	23	18.60	2.28	26.40	3.40	35.10	5.87	37.10	6.01	39.10	6.18	40.90	6.32	42.90	6.55
	25	27.40	5.92	30.30	5.91	38.60	6.63	40.30	6.80	42.30	6.97	43.80	7.12	45.50	7.40
	27	27.10	6.16	33.40	6.66	42.00	7.60	43.80	7.79	45.60	7.99	46.90	8.14	51.00	8.78
	29	29.60	6.89	37.10	7.71	45.60	8.82	47.30	9.06	49.00	9.29	51.90	9.72	60.30	11.16
	31	33.60	8.08	40.90	9.04	49.30	10.40	50.80	10.65	55.10	11.39	61.50	12.47	69.60	14.16
	33	37.70	9.56	44.70	10.60	53.10	12.11	58.30	13.10	65.00	14.37	71.00	15.56	78.90	17.54
	35	41.70	11.20	48.70	12.39	62.10	15.28	68.10	16.56	74.60	18.01	80.60	19.35	88.20	21.72
	37	41.70	11.83	48.70	13.10	62.10	16.26	68.10	17.62	74.60	19.20	80.60	20.63	88.20	23.16
	39	41.70	12.51	48.70	13.90	62.10	17.34	68.10	18.80	74.60	20.48	80.60	22.03	88.20	24.73
	41	41.70	13.27	48.70	14.80	62.10	18.49	68.10	20.08	74.60	21.85	80.60	23.51	88.20	26.40
	43	41.70	14.10	48.70	15.76	62.10	19.78	68.10	21.45	74.60	23.34	80.60	25.11	88.20	28.20
	46	41.70	15.51	48.70	17.41	62.10	21.89	68.10	23.71	74.60	25.80	80.60	27.74	88.20	31.13
	48	41.70	16.59	48.70	18.65	62.10	23.43	68.10	25.35	74.60	27.59	80.60	29.65	88.20	33.25
	50	41.70	17.75	48.70	20.01	62.10	25.09	68.10	27.12	74.60	29.49	80.60	31.68	88.20	35.50
	52	41.70	19.03	48.70	21.52	62.10	26.84	68.10	29.01	74.60	31.52	80.60	33.85	88.20	37.90

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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26.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	109.0	50.13	108.1	50.55	107.3	50.98	106.9	51.18	106.6	51.41	105.8	51.81
	-24.8	-25	126.7	52.70	125.8	53.18	125.0	53.64	124.4	53.87	124.1	54.12	123.2	54.58
	-21.8	-22	137.8	54.18	136.9	54.69	136.0	55.18	135.4	55.44	135.1	55.67	134.0	56.15
	-19.8	-20	145.6	55.18	144.7	55.70	143.6	56.21	143.0	56.47	142.7	56.72	141.8	57.23
	-18.8	-19	149.7	55.67	148.6	56.21	147.6	56.75	147.1	57.00	146.5	57.26	145.6	57.75
	-16.7	-17	157.9	56.69	157.0	57.24	155.8	57.78	155.2	58.06	154.9	58.32	153.7	58.84
	-15	-15.9	163.1	57.27	161.9	57.84	160.7	58.40	160.2	58.66	159.6	58.94	158.7	59.46
	-13.7	-15	167.3	57.79	166.1	58.36	165.2	58.93	164.6	59.21	164.0	59.50	163.1	60.04
	-11.8	-13	175.9	58.78	174.7	59.37	173.6	59.95	173.0	60.23	172.4	60.52	171.2	61.08
	-9.8	-11	185.5	59.83	184.1	60.43	182.9	61.03	182.3	61.31	181.7	61.60	180.5	62.17
	-9.5	-10	189.9	60.31	188.7	60.92	187.5	61.54	186.9	61.83	186.1	62.14	184.9	62.71
	-8.5	-9.1	194.5	60.80	193.1	61.42	191.8	62.03	191.2	62.34	190.6	62.63	189.2	63.22
	-7	-7.6	202.1	61.60	200.8	62.25	199.4	62.88	198.8	63.17	198.0	63.48	196.7	64.08
	-5	-5.6	212.8	62.71	211.3	63.36	209.8	63.99	209.2	64.31	208.4	64.62	206.9	65.24
	-3	-3.7	223.3	63.76	221.8	64.44	220.3	65.10	219.5	65.42	218.8	65.75	207.9	61.97
	0	-0.7	240.7	65.49	238.9	66.18	237.3	66.82	230.0	64.31	222.7	61.75	207.9	56.71
	3	2.2	258.0	67.17	252.3	66.18	237.5	61.34	230.0	58.99	222.7	56.66	207.9	52.10
	5	4.1	267.1	67.16	252.3	62.52	237.5	57.99	230.0	55.79	222.7	53.60	207.9	49.33
	7	6	267.1	63.41	252.3	59.05	237.5	54.81	230.0	52.73	222.7	50.67	207.9	46.66
	9	7.9	267.1	59.72	252.3	55.63	237.5	51.65	230.0	49.70	222.7	47.78	207.9	44.02
	11	9.8	267.1	56.17	252.3	52.36	237.5	48.64	230.0	46.82	222.7	45.04	207.9	41.52
	13	11.8	267.1	52.61	252.3	49.07	237.5	45.65	230.0	43.95	222.7	42.29	207.9	39.03
	15	13.7	267.1	49.42	252.3	46.14	237.5	42.93	230.0	41.37	222.7	39.81	207.9	36.78
120	-30	-30.2	108.4	50.36	107.6	50.78	106.9	51.21	106.6	51.41	106.1	51.61	105.5	52.03
	-24.8	-25	126.1	53.01	125.3	53.47	124.4	53.95	123.8	54.18	123.5	54.41	122.6	54.86
	-21.8	-22	137.2	54.55	136.3	55.04	135.2	55.53	134.8	55.78	134.3	56.01	133.4	56.49
	-19.8	-20	144.8	55.58	143.9	56.09	143.0	56.61	142.4	56.86	141.9	57.09	141.0	57.60
	-18.8	-19	148.8	56.09	147.9	56.61	146.8	57.15	146.2	57.40	145.9	57.64	144.8	58.15
	-16.7	-17	157.0	57.15	156.1	57.69	154.9	58.23	154.4	58.49	154.0	58.75	152.9	59.26
	-15	-15.9	161.9	57.75	161.0	58.32	159.8	58.86	159.3	59.12	158.7	59.40	157.8	59.92
	-13.7	-15	166.4	58.30	165.2	58.87	164.3	59.42	163.7	59.70	163.1	59.96	162.2	60.50
	-11.8	-13	175.0	59.32	173.8	59.91	172.6	60.48	172.0	60.75	171.5	61.03	170.3	61.57
	-9.8	-11	184.3	60.43	182.9	61.02	181.7	61.60	181.1	61.89	180.5	62.17	179.3	62.74
	-9.5	-10	188.7	60.94	187.5	61.54	186.0	62.14	185.4	62.43	184.9	62.71	183.7	63.28
	-8.5	-9.1	193.0	61.45	191.8	62.06	190.4	62.65	189.8	62.94	189.2	63.25	188.0	63.82
	-7	-7.6	200.6	62.31	199.4	62.91	197.9	63.54	197.3	63.83	196.7	64.13	191.7	62.98
	-5	-5.6	211.0	63.45	209.6	64.10	208.1	64.73	207.5	65.02	205.6	64.70	191.7	59.42
	-3	-3.7	221.5	64.59	220.0	65.24	218.5	65.88	212.3	63.68	205.6	61.15	191.7	56.19
	0	-0.7	238.3	66.41	232.9	65.31	219.2	60.58	212.3	58.24	205.6	55.95	191.7	51.48
	3	2.2	246.5	64.30	232.9	59.90	219.2	55.60	212.3	53.50	205.6	51.43	191.7	47.36
	5	4.1	246.5	60.76	232.9	56.64	219.2	52.61	212.3	50.63	205.6	48.68	191.7	44.88
	7	6	246.5	57.41	232.9	53.52	219.2	49.74	212.3	47.88	205.6	46.05	191.7	42.46
	9	7.9	246.5	54.09	232.9	50.45	219.2	46.91	212.3	45.17	205.6	43.46	191.7	40.09
	11	9.8	246.5	50.91	232.9	47.51	219.2	44.21	212.3	42.59	205.6	41.00	191.7	37.86
	13	11.8	246.5	47.76	232.9	44.60	219.2	41.54	212.3	40.02	205.6	38.54	191.7	35.61

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	246.5	44.89	232.9	41.97	219.2	39.11	212.3	37.71	205.6	36.32	191.7	33.60
110	-30	-30.2	107.9	50.64	107.2	51.07	106.4	51.47	106.1	51.69	105.7	51.89	104.9	52.29
	-24.8	-25	125.5	53.38	124.6	53.84	123.8	54.29	123.2	54.52	122.9	54.75	122.0	55.18
	-21.8	-22	136.3	54.98	135.4	55.46	134.5	55.95	134.0	56.18	133.6	56.41	132.8	56.89
	-19.8	-20	143.9	56.04	143.0	56.55	142.1	57.04	141.5	57.29	141.2	57.54	140.1	58.01
	-18.8	-19	147.9	56.58	146.8	57.09	145.9	57.61	145.3	57.86	145.0	58.09	144.1	58.60
	-16.7	-17	156.1	57.69	154.9	58.21	154.0	58.74	153.4	59.00	152.9	59.26	152.0	59.75
	-15	-15.9	160.8	58.32	159.8	58.86	158.7	59.40	158.1	59.66	157.8	59.92	156.6	60.43
	-13.7	-15	165.2	58.88	164.1	59.45	163.1	59.99	162.6	60.27	162.0	60.53	161.1	61.05
	-11.8	-13	173.6	59.97	172.4	60.54	171.2	61.09	170.6	61.37	170.3	61.63	169.1	62.17
	-9.8	-11	182.8	61.12	181.4	61.71	180.2	62.28	179.6	62.54	179.0	62.83	175.8	62.25
	-9.5	-10	187.2	61.66	186.0	62.25	184.6	62.83	184.0	63.11	183.4	63.39	175.8	60.64
	-8.5	-9.1	191.5	62.20	190.1	62.80	188.9	63.37	188.3	63.68	187.7	63.94	175.8	59.09
	-7	-7.6	198.8	63.11	197.6	63.71	196.2	64.31	194.6	64.13	188.5	61.59	175.8	56.63
	-5	-5.6	209.0	64.33	207.8	64.96	201.0	62.92	194.6	60.50	188.5	58.13	175.8	53.47
	-3	-3.7	219.4	65.53	213.5	64.11	201.0	59.48	194.6	57.22	188.5	54.97	175.8	50.61
	0	-0.7	226.2	62.93	213.5	58.64	201.0	54.46	194.6	52.41	188.5	50.38	175.8	46.42
	3	2.2	226.2	57.74	213.5	53.85	201.0	50.06	194.6	48.20	188.5	46.37	175.8	42.77
	5	4.1	226.2	54.60	213.5	50.95	201.0	47.40	194.6	45.66	188.5	43.93	175.8	40.57
	7	6	226.2	51.62	213.5	48.19	201.0	44.83	194.6	43.18	188.5	41.56	175.8	38.39
	9	7.9	226.2	48.68	213.5	45.46	201.0	42.33	194.6	40.78	188.5	39.27	175.8	36.28
	11	9.8	226.2	45.86	213.5	42.87	201.0	39.93	194.6	38.49	188.5	37.08	175.8	34.30
	13	11.8	226.2	43.05	213.5	40.27	201.0	37.56	194.6	36.22	188.5	34.90	175.8	32.31
	15	13.7	226.2	40.53	213.5	37.94	201.0	35.41	194.6	34.15	188.5	32.92	175.8	30.51
100	-30	-30.2	107.3	50.98	106.6	51.38	105.8	51.80	105.5	52.00	105.2	52.20	104.3	52.60
	-24.8	-25	124.7	53.81	123.8	54.26	122.9	54.72	122.6	54.92	122.1	55.15	121.4	55.58
	-21.8	-22	135.4	55.47	134.5	55.95	133.6	56.41	133.1	56.66	132.8	56.89	131.9	57.34
	-19.8	-20	143.0	56.58	141.9	57.09	141.0	57.58	140.6	57.81	140.1	58.06	139.2	58.52
	-18.8	-19	146.8	57.15	145.9	57.66	144.8	58.15	144.4	58.40	143.9	58.63	143.0	59.12
	-16.7	-17	154.9	58.32	153.7	58.83	152.8	59.34	152.3	59.60	151.7	59.83	150.8	60.32
	-15	-15.9	159.6	58.98	158.4	59.52	157.5	60.03	156.9	60.29	156.4	60.54	155.4	61.03
	-13.7	-15	163.8	59.59	162.8	60.13	161.9	60.67	161.4	60.93	160.8	61.19	159.8	61.65
	-11.8	-13	172.1	60.72	170.9	61.26	169.7	61.80	169.2	62.08	168.8	62.34	159.8	58.63
	-9.8	-11	181.0	61.94	179.9	62.51	178.7	63.05	176.9	62.75	171.3	60.30	159.8	55.48
	-9.5	-10	185.4	62.51	184.0	63.08	182.7	63.55	176.9	61.11	171.3	58.73	159.8	54.06
	-8.5	-9.1	189.5	63.08	188.3	63.66	182.7	61.92	176.9	59.56	171.3	57.24	159.8	52.70
	-7	-7.6	196.8	64.05	194.0	63.89	182.7	59.33	176.9	57.07	171.3	54.87	159.8	50.52
	-5	-5.6	205.6	64.70	194.0	60.30	182.7	55.99	176.9	53.90	171.3	51.81	159.8	47.75
	-3	-3.7	205.6	61.15	194.0	57.01	182.7	52.98	176.9	50.99	171.3	49.04	159.8	45.23
	0	-0.7	205.6	55.96	194.0	52.22	182.7	48.57	176.9	46.77	171.3	45.02	159.8	41.55
	3	2.2	205.6	51.43	194.0	48.03	182.7	44.72	176.9	43.09	171.3	41.48	159.8	38.33
	5	4.1	205.6	48.68	194.0	45.49	182.7	42.39	176.9	40.86	171.3	39.36	159.8	36.39
	7	6	205.6	46.05	194.0	43.04	182.7	40.12	176.9	38.68	171.3	37.26	159.8	34.45
	9	7.9	205.6	43.46	194.0	40.66	182.7	37.92	176.9	36.57	171.3	35.22	159.8	32.61
	11	9.8	205.6	41.00	194.0	38.38	182.7	35.81	176.9	34.55	171.3	33.32	159.8	30.86
	13	11.8	205.6	38.54	194.0	36.10	182.7	33.72	176.9	32.54	171.3	31.37	159.8	29.11
	15	13.7	205.6	36.32	194.0	34.04	182.7	31.82	176.9	30.72	171.3	29.63	159.8	27.52

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	106.6	51.38	105.8	51.78	105.2	52.18	104.9	52.38	104.3	52.58	103.7	52.95
	-24.8	-25	123.8	54.32	122.9	54.78	122.0	55.21	121.7	55.43	121.2	55.63	120.3	56.06
	-21.8	-22	134.3	56.06	133.4	56.52	132.5	57.00	132.0	57.23	131.6	57.44	130.8	57.89
	-19.8	-20	141.6	57.24	140.7	57.72	139.8	58.20	139.4	58.43	138.9	58.66	138.0	59.12
	-18.8	-19	145.6	57.84	144.4	58.34	143.5	58.81	143.0	59.06	142.6	59.29	141.8	59.74
	-16.7	-17	153.4	59.06	152.3	59.57	151.4	60.06	150.8	60.31	150.2	60.54	143.8	57.80
	-15	-15.9	158.1	59.77	156.9	60.29	156.0	60.80	155.4	61.03	154.0	60.84	143.8	56.01
	-13.7	-15	162.3	60.42	161.3	60.96	160.2	61.47	159.2	61.43	154.0	59.01	143.8	54.27
	-11.8	-13	170.3	61.60	169.1	62.14	164.4	60.66	159.2	58.39	154.0	56.13	143.8	51.68
	-9.8	-11	179.0	62.91	174.6	61.77	164.4	57.39	159.2	55.24	154.0	53.11	143.8	48.95
	-9.5	-10	183.1	63.51	174.6	60.16	164.4	55.91	159.2	53.82	154.0	51.75	143.8	47.72
	-8.5	-9.1	185.0	62.86	174.6	58.62	164.4	54.51	159.2	52.47	154.0	50.47	143.8	46.54
	-7	-7.6	185.0	60.24	174.6	56.19	164.4	52.24	159.2	50.31	154.0	48.41	143.8	44.65
	-5	-5.6	185.0	56.84	174.6	53.06	164.4	49.35	159.2	47.54	154.0	45.76	143.8	42.23
	-3	-3.7	185.0	53.77	174.6	50.23	164.4	46.74	159.2	45.03	154.0	43.34	143.8	40.04
	0	-0.7	185.0	49.30	174.6	46.07	164.4	42.93	159.2	41.38	154.0	39.84	143.8	36.84
	3	2.2	185.0	45.38	174.6	42.45	164.4	39.59	159.2	38.18	154.0	36.79	143.8	34.06
	5	4.1	185.0	43.00	174.6	40.25	164.4	37.57	159.2	36.24	154.0	34.94	143.8	32.36
	7	6	185.0	40.70	174.6	38.10	164.4	35.57	159.2	34.33	154.0	33.10	143.8	30.67
	9	7.9	185.0	38.44	174.6	36.02	164.4	33.66	159.2	32.49	154.0	31.32	143.8	29.06
	11	9.8	185.0	36.33	174.6	34.06	164.4	31.83	159.2	30.74	154.0	29.66	143.8	27.52
	13	11.8	185.0	34.18	174.6	32.08	164.4	30.00	159.2	29.00	154.0	27.98	143.8	26.01
	15	13.7	185.0	32.26	174.6	30.29	164.4	28.35	159.2	27.41	154.0	26.47	143.8	24.62
80	-30	-30.2	105.8	51.86	104.9	52.26	104.3	52.66	104.0	52.84	103.7	53.03	102.9	53.41
	-24.8	-25	122.6	54.95	121.7	55.40	120.9	55.83	120.5	56.03	120.0	56.23	119.4	56.65
	-21.8	-22	132.8	56.80	131.9	57.26	131.1	57.69	130.7	57.91	130.2	58.14	127.9	57.55
	-19.8	-20	140.1	58.03	139.2	58.51	138.3	58.97	137.8	59.20	136.9	59.16	127.9	54.53
	-18.8	-19	143.8	58.68	142.9	59.15	142.0	59.62	141.5	59.85	136.9	57.60	127.9	53.10
	-16.7	-17	151.4	59.97	150.5	60.46	146.2	58.89	141.5	56.71	136.9	54.56	127.9	50.30
	-15	-15.9	156.0	60.74	155.1	61.23	146.2	57.07	141.5	54.95	136.9	52.85	127.9	48.73
	-13.7	-15	160.2	61.44	155.2	59.54	146.2	55.31	141.5	53.23	136.9	51.17	127.9	47.16
	-11.8	-13	164.4	60.67	155.2	56.63	146.2	52.66	141.5	50.71	136.9	48.80	127.9	44.98
	-9.8	-11	164.4	57.39	155.2	53.58	146.2	49.88	141.5	48.05	136.9	46.24	127.9	42.71
	-9.5	-10	164.4	55.91	155.2	52.21	146.2	48.61	141.5	46.84	136.9	45.09	127.9	41.66
	-8.5	-9.1	164.4	54.51	155.2	50.91	146.2	47.41	141.5	45.69	136.9	43.98	127.9	40.63
	-7	-7.6	164.4	52.24	155.2	48.82	146.2	45.47	141.5	43.84	136.9	42.21	127.9	39.00
	-5	-5.6	164.4	49.35	155.2	46.15	146.2	43.01	141.5	41.47	136.9	39.94	127.9	36.93
	-3	-3.7	164.4	46.74	155.2	43.72	146.2	40.76	141.5	39.32	136.9	37.89	127.9	35.07
	0	-0.7	164.4	42.93	155.2	40.19	146.2	37.51	141.5	36.20	136.9	34.89	127.9	32.33
	3	2.2	164.4	39.59	155.2	37.09	146.2	34.67	141.5	33.46	136.9	32.26	127.9	29.94
	5	4.1	164.4	37.57	155.2	35.23	146.2	32.93	141.5	31.79	136.9	30.67	127.9	28.47
	7	6	164.4	35.57	155.2	33.36	146.2	31.21	141.5	30.15	136.9	29.09	127.9	27.01
	9	7.9	164.4	33.66	155.2	31.58	146.2	29.57	141.5	28.57	136.9	27.58	127.9	25.64
	11	9.8	164.4	31.83	155.2	29.89	146.2	28.00	141.5	27.07	136.9	26.13	127.9	24.31
	13	11.8	164.4	30.00	155.2	28.20	146.2	26.44	141.5	25.56	136.9	24.70	127.9	23.01
	15	13.7	164.4	28.35	155.2	26.67	146.2	25.02	141.5	24.20	136.9	23.40	127.9	21.80
70	-30	-30.2	104.6	52.49	104.0	52.86	103.2	53.24	102.9	53.43	102.6	53.63	101.9	53.97

26. ARUM580LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	120.9	55.75	120.3	56.17	119.4	56.57	119.1	56.77	118.8	56.97	111.9	53.34
	-21.8	-22	131.1	57.71	130.2	58.14	127.9	57.55	123.8	55.43	119.8	53.34	111.9	49.25
	-19.8	-20	138.3	59.03	136.0	58.60	127.9	54.53	123.8	52.54	119.8	50.57	111.9	46.70
	-18.8	-19	141.8	59.71	136.0	57.02	127.9	53.10	123.8	51.16	119.8	49.25	111.9	45.48
	-16.7	-17	143.8	57.80	136.0	54.01	127.9	50.30	123.8	48.49	119.8	46.68	111.9	43.14
	-15	-15.9	143.8	56.01	136.0	52.33	127.9	48.73	123.8	46.95	119.8	45.18	111.9	41.71
	-13.7	-15	143.8	54.28	136.0	50.67	127.9	47.17	123.8	45.44	119.8	43.73	111.9	40.38
	-11.8	-13	143.8	51.68	136.0	48.30	127.9	44.98	123.8	43.32	119.8	41.72	111.9	38.53
	-9.8	-11	143.8	48.96	136.0	45.80	127.9	42.71	123.8	41.17	119.8	39.67	111.9	36.68
	-9.5	-10	143.8	47.72	136.0	44.65	127.9	41.66	123.8	40.18	119.8	38.70	111.9	35.84
	-8.5	-9.1	143.8	46.54	136.0	43.56	127.9	40.63	123.8	39.19	119.8	37.77	111.9	34.97
	-7	-7.6	143.8	44.65	136.0	41.81	127.9	39.00	123.8	37.64	119.8	36.28	111.9	33.60
	-5	-5.6	143.8	42.23	136.0	39.56	127.9	36.95	123.8	35.66	119.8	34.39	111.9	31.87
	-3	-3.7	143.8	40.04	136.0	37.53	127.9	35.07	123.8	33.86	119.8	32.66	111.9	30.28
	0	-0.7	143.8	36.84	136.0	34.57	127.9	32.33	123.8	31.23	119.8	30.14	111.9	27.98
	3	2.2	143.8	34.06	136.0	31.97	127.9	29.94	123.8	28.94	119.8	27.94	111.9	25.97
	5	4.1	143.8	32.36	136.0	30.39	127.9	28.47	123.8	27.50	119.8	26.57	111.9	24.72
	7	6	143.8	30.67	136.0	28.83	127.9	27.01	123.8	26.13	119.8	25.23	111.9	23.49
	9	7.9	143.8	29.06	136.0	27.33	127.9	25.64	123.8	24.80	119.8	23.97	111.9	22.33
	11	9.8	143.8	27.52	136.0	25.90	127.9	24.31	123.8	23.54	119.8	22.75	111.9	21.23
	13	11.8	143.8	26.01	136.0	24.48	127.9	23.01	123.8	22.27	119.8	21.54	111.9	20.10
	15	13.7	143.8	24.62	136.0	23.20	127.9	21.80	123.8	21.12	119.8	20.44	111.9	19.09
60	-30	-30.2	103.1	53.28	102.5	53.66	101.9	54.00	101.4	54.20	101.1	54.37	96.00	51.29
	-24.8	-25	119.1	56.77	116.5	55.88	109.6	52.07	106.2	50.21	102.7	48.36	96.00	44.70
	-21.8	-22	123.3	55.13	116.5	51.57	109.6	48.10	106.2	46.37	102.7	44.68	96.00	41.32
	-19.8	-20	123.3	52.27	116.5	48.91	109.6	45.61	106.2	44.00	102.7	42.40	96.00	39.23
	-18.8	-19	123.3	50.89	116.5	47.62	109.6	44.43	106.2	42.85	102.7	41.30	96.00	38.22
	-16.7	-17	123.3	48.22	116.5	45.15	109.6	42.13	106.2	40.64	102.7	39.18	96.00	36.29
	-15	-15.9	123.3	46.69	116.5	43.69	109.6	40.75	106.2	39.30	102.7	37.87	96.00	35.04
	-13.7	-15	123.3	45.21	116.5	42.30	109.6	39.45	106.2	38.06	102.7	36.67	96.00	33.96
	-11.8	-13	123.3	43.09	116.5	40.33	109.6	37.64	106.2	36.31	102.7	35.00	96.00	32.41
	-9.8	-11	123.3	40.96	116.5	38.39	109.6	35.82	106.2	34.56	102.7	33.32	96.00	30.87
	-9.5	-10	123.3	39.95	116.5	37.46	109.6	35.03	106.2	33.82	102.7	32.62	96.00	30.28
	-8.5	-9.1	123.3	38.99	116.5	36.56	109.6	34.19	106.2	33.01	102.7	31.86	96.00	29.57
	-7	-7.6	123.3	37.44	116.5	35.13	109.6	32.86	106.2	31.74	102.7	30.64	96.00	28.44
	-5	-5.6	123.3	35.46	116.5	33.30	109.6	31.17	106.2	30.11	102.7	29.08	96.00	27.02
	-3	-3.7	123.3	33.69	116.5	31.63	109.6	29.62	106.2	28.64	102.7	27.65	96.00	25.71
	0	-0.7	123.3	31.07	116.5	29.21	109.6	27.38	106.2	26.47	102.7	25.58	96.00	23.82
	3	2.2	123.3	28.79	116.5	27.09	109.6	25.41	106.2	24.59	102.7	23.78	96.00	22.17
	5	4.1	123.3	27.39	116.5	25.77	109.6	24.20	106.2	23.41	102.7	22.65	96.00	21.12
	7	6	123.3	25.99	116.5	24.49	109.6	23.01	106.2	22.28	102.7	21.54	96.00	20.11
	9	7.9	123.3	24.68	116.5	23.26	109.6	21.88	106.2	21.18	102.7	20.50	96.00	19.15
	11	9.8	123.3	23.43	116.5	22.10	109.6	20.78	106.2	20.13	102.7	19.51	96.00	18.25
	13	11.8	123.3	22.16	116.5	20.92	109.6	19.71	106.2	19.09	102.7	18.50	96.00	17.32
	15	13.7	123.3	21.03	116.5	19.85	109.6	18.72	106.2	18.16	102.7	17.60	96.00	16.49
50	-30	-30.2	101.1	54.34	97.10	52.00	91.30	48.52	88.50	46.81	85.60	45.10	80.00	41.76
	-24.8	-25	102.7	48.36	97.10	45.31	91.30	42.32	88.50	40.84	85.60	39.38	80.00	36.50

26. ARUM580LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	102.7	44.68	97.10	41.88	91.30	39.14	88.50	37.79	85.60	36.46	80.00	33.82
	-19.8	-20	102.7	42.40	97.10	39.75	91.30	37.16	88.50	35.89	85.60	34.64	80.00	32.13
	-18.8	-19	102.7	41.30	97.10	38.74	91.30	36.22	88.50	34.98	85.60	33.76	80.00	31.33
	-16.7	-17	102.7	39.18	97.10	36.77	91.30	34.40	88.50	33.22	85.60	32.07	80.00	29.79
	-15	-15.9	102.7	37.87	97.10	35.51	91.30	33.22	88.50	32.07	85.60	30.95	80.00	28.74
	-13.7	-15	102.7	36.67	97.10	34.39	91.30	32.17	88.50	31.08	85.60	29.99	80.00	27.84
	-11.8	-13	102.7	35.00	97.10	32.84	91.30	30.72	88.50	29.68	85.60	28.65	80.00	26.62
	-9.8	-11	102.7	33.32	97.10	31.28	91.30	29.27	88.50	28.29	85.60	27.30	80.00	25.38
	-9.5	-10	102.7	32.62	97.10	30.66	91.30	28.74	88.50	27.79	85.60	26.85	80.00	24.99
	-8.5	-9.1	102.7	31.86	97.10	29.96	91.30	28.07	88.50	27.16	85.60	26.24	80.00	24.42
	-7	-7.6	102.7	30.64	97.10	28.81	91.30	27.01	88.50	26.13	85.60	25.27	80.00	23.53
	-5	-5.6	102.7	29.08	97.10	27.37	91.30	25.66	88.50	24.84	85.60	24.01	80.00	22.39
	-3	-3.7	102.7	27.65	97.10	26.05	91.30	24.46	88.50	23.66	85.60	22.89	80.00	21.36
	0	-0.7	102.7	25.58	97.10	24.11	91.30	22.66	88.50	21.95	85.60	21.25	80.00	19.84
	3	2.2	102.7	23.79	97.10	22.43	91.30	21.10	88.50	20.45	85.60	19.80	80.00	18.53
	5	4.1	102.7	22.65	97.10	21.38	91.30	20.13	88.50	19.51	85.60	18.90	80.00	17.69
	7	6	102.7	21.54	97.10	20.36	91.30	19.18	88.50	18.59	85.60	18.03	80.00	16.88
	9	7.9	102.7	20.50	97.10	19.37	91.30	18.28	88.50	17.72	85.60	17.19	80.00	16.12
	11	9.8	102.7	19.51	97.10	18.45	91.30	17.41	88.50	16.90	85.60	16.40	80.00	15.40
	13	11.8	102.7	18.50	97.10	17.52	91.30	16.54	88.50	16.07	85.60	15.59	80.00	14.65
	15	13.7	102.7	17.60	97.10	16.68	91.30	15.76	88.50	15.32	85.60	14.87	80.00	13.98

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

26. ARUM580LTE6

26.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	109.0	50.13	108.1	50.55	107.3	50.98	106.9	51.18	106.6	51.41	105.8	51.81
	-24.8	-25	126.7	52.70	125.8	53.18	125.0	53.64	124.4	53.87	124.1	54.12	123.2	54.58
	-21.8	-22	137.8	54.18	136.9	54.69	136.0	55.18	135.4	55.44	135.1	55.67	134.0	56.15
	-19.8	-20	145.6	55.18	144.7	55.70	143.6	56.21	143.0	56.47	142.7	56.72	141.8	57.23
	-18.8	-19	149.7	55.67	148.6	56.21	147.6	56.75	147.1	57.00	146.5	57.26	145.6	57.75
	-16.7	-17	157.9	56.69	157.0	57.24	155.8	57.78	155.2	58.06	154.9	58.32	153.7	58.84
	-15	-15.9	163.1	57.27	161.9	57.84	160.7	58.40	160.2	58.66	159.6	58.94	158.7	59.46
	-13.7	-15	167.3	57.79	166.1	58.36	165.2	58.93	164.6	59.21	164.0	59.50	163.1	60.04
	-11.8	-13	175.9	58.78	174.7	59.37	173.6	59.95	173.0	60.23	172.4	60.52	171.2	61.08
	-9.8	-11	185.5	59.83	184.1	60.43	182.9	61.03	182.3	61.31	181.7	61.60	180.5	62.17
	-9.5	-10	189.9	60.31	188.7	60.92	187.5	61.54	186.9	61.83	186.1	62.14	184.9	62.71
	-8.5	-9.1	194.5	60.80	193.1	61.42	191.8	62.03	191.2	62.34	190.6	62.63	189.2	63.22
	-7	-7.6	202.1	61.60	200.8	62.25	199.4	62.88	198.8	63.17	198.0	63.48	196.7	64.08
	-5	-5.6	212.8	62.71	211.3	63.36	209.8	63.99	209.2	64.31	208.4	64.62	206.9	65.24
	-3	-3.7	223.3	63.76	221.8	64.44	220.3	65.10	219.5	65.42	218.8	65.75	207.9	61.97
	0	-0.7	240.7	65.49	238.9	66.18	237.3	66.82	230.0	64.31	222.7	61.75	207.9	56.71
	3	2.2	258.0	67.17	252.3	66.18	237.5	61.34	230.0	58.99	222.7	56.66	207.9	52.10
	5	4.1	252.9	61.31	237.8	56.83	223.0	52.48	215.5	50.35	207.9	48.26	192.8	44.14
	7	6	238.1	52.47	223.0	48.42	207.9	44.50	200.4	42.57	192.6	40.69	177.5	36.97
	9	7.9	223.0	44.39	207.7	40.81	192.3	37.29	184.7	35.59	176.9	33.90	161.5	30.58
	11	9.8	207.3	37.19	192.0	34.02	176.3	30.93	168.5	29.41	160.7	27.90	145.0	24.97
	13	11.8	191.1	30.72	175.5	27.94	159.8	25.24	151.9	23.91	144.1	22.60	127.9	20.03
	15	13.7	174.3	25.14	158.6	22.73	142.7	20.36	134.6	19.20	126.7	18.07	110.5	15.83
120	-30	-30.2	108.4	50.36	107.6	50.78	106.9	51.21	106.6	51.41	106.1	51.61	105.5	52.03
	-24.8	-25	126.1	53.01	125.3	53.47	124.4	53.95	123.8	54.18	123.5	54.41	122.6	54.86
	-21.8	-22	137.2	54.55	136.3	55.04	135.2	55.53	134.8	55.78	134.3	56.01	133.4	56.49
	-19.8	-20	144.8	55.58	143.9	56.09	143.0	56.61	142.4	56.86	141.9	57.09	141.0	57.60
	-18.8	-19	148.8	56.09	147.9	56.61	146.8	57.15	146.2	57.40	145.9	57.64	144.8	58.15
	-16.7	-17	157.0	57.15	156.1	57.69	154.9	58.23	154.4	58.49	154.0	58.75	152.9	59.26
	-15	-15.9	161.9	57.75	161.0	58.32	159.8	58.86	159.3	59.12	158.7	59.40	157.8	59.92
	-13.7	-15	166.4	58.30	165.2	58.87	164.3	59.42	163.7	59.70	163.1	59.96	162.2	60.50
	-11.8	-13	175.0	59.32	173.8	59.91	172.6	60.48	172.0	60.75	171.5	61.03	170.3	61.57
	-9.8	-11	184.3	60.43	182.9	61.02	181.7	61.60	181.1	61.89	180.5	62.17	179.3	62.74
	-9.5	-10	188.7	60.94	187.5	61.54	186.0	62.14	185.4	62.43	184.9	62.71	183.7	63.28
	-8.5	-9.1	193.0	61.45	191.8	62.06	190.4	62.65	189.8	62.94	189.2	63.25	188.0	63.82
	-7	-7.6	200.6	62.31	199.4	62.91	197.9	63.54	197.3	63.83	196.7	64.13	191.7	62.98
	-5	-5.6	211.0	63.45	209.6	64.10	208.1	64.73	207.5	65.02	205.6	64.70	191.7	59.42
	-3	-3.7	221.5	64.59	220.0	65.24	218.5	65.88	212.3	63.68	205.6	61.15	191.7	56.19
	0	-0.7	238.3	66.41	232.9	65.31	219.2	60.58	212.3	58.24	205.6	55.95	191.7	51.48
	3	2.2	246.5	64.30	232.9	59.90	219.2	55.60	212.3	53.50	205.6	51.43	191.7	47.36
	5	4.1	233.4	55.52	219.6	51.54	205.9	47.65	198.9	45.76	192.0	43.88	178.0	40.21
	7	6	219.8	47.58	205.9	43.99	192.0	40.49	185.0	38.76	177.8	37.08	163.8	33.75
	9	7.9	205.9	40.35	191.7	37.15	177.5	34.02	170.5	32.49	163.3	30.98	149.1	28.01
	11	9.8	191.4	33.91	177.2	31.07	162.7	28.30	155.7	26.93	148.5	25.59	134.0	22.96
	13	11.8	176.3	28.09	162.1	25.61	147.6	23.17	140.3	21.98	132.9	20.80	118.1	18.49

26. ARUM580LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	160.9	23.07	146.4	20.89	131.7	18.78	124.4	17.74	116.9	16.72	101.8	14.69
110	-30	-30.2	107.9	50.64	107.2	51.07	106.4	51.47	106.1	51.69	105.7	51.89	104.9	52.29
	-24.8	-25	125.5	53.38	124.6	53.84	123.8	54.29	123.2	54.52	122.9	54.75	122.0	55.18
	-21.8	-22	136.3	54.98	135.4	55.46	134.5	55.95	134.0	56.18	133.6	56.41	132.8	56.89
	-19.8	-20	143.9	56.04	143.0	56.55	142.1	57.04	141.5	57.29	141.2	57.54	140.1	58.01
	-18.8	-19	147.9	56.58	146.8	57.09	145.9	57.61	145.3	57.86	145.0	58.09	144.1	58.60
	-16.7	-17	156.1	57.69	154.9	58.21	154.0	58.74	153.4	59.00	152.9	59.26	152.0	59.75
	-15	-15.9	160.8	58.32	159.8	58.86	158.7	59.40	158.1	59.66	157.8	59.92	156.6	60.43
	-13.7	-15	165.2	58.88	164.1	59.45	163.1	59.99	162.6	60.27	162.0	60.53	161.1	61.05
	-11.8	-13	173.6	59.97	172.4	60.54	171.2	61.09	170.6	61.37	170.3	61.63	169.1	62.17
	-9.8	-11	182.8	61.12	181.4	61.71	180.2	62.28	179.6	62.54	179.0	62.83	175.8	62.25
	-9.5	-10	187.2	61.66	186.0	62.25	184.6	62.83	184.0	63.11	183.4	63.39	175.8	60.64
	-8.5	-9.1	191.5	62.20	190.1	62.80	188.9	63.37	188.3	63.68	187.7	63.94	175.8	59.09
	-7	-7.6	198.8	63.11	197.6	63.71	196.2	64.31	194.6	64.13	188.5	61.59	175.8	56.63
	-5	-5.6	209.0	64.33	207.8	64.96	201.0	62.92	194.6	60.50	188.5	58.13	175.8	53.47
	-3	-3.7	219.4	65.53	213.5	64.11	201.0	59.48	194.6	57.22	188.5	54.97	175.8	50.61
	0	-0.7	226.2	62.93	213.5	58.64	201.0	54.46	194.6	52.41	188.5	50.38	175.8	46.42
	3	2.2	226.2	57.74	213.5	53.85	201.0	50.06	194.6	48.20	188.5	46.37	175.8	42.77
	5	4.1	214.0	49.95	201.3	46.43	188.5	43.01	182.4	41.33	176.0	39.66	163.2	36.40
	7	6	201.5	42.89	188.8	39.71	176.0	36.60	169.4	35.10	163.0	33.58	150.2	30.63
	9	7.9	188.8	36.46	175.8	33.62	162.7	30.86	156.3	29.49	149.7	28.15	136.6	25.50
	11	9.8	175.4	30.73	162.4	28.21	149.3	25.74	142.7	24.54	136.0	23.35	122.7	20.98
	13	11.8	161.6	25.55	148.5	23.34	135.2	21.18	128.5	20.11	121.8	19.07	108.4	17.00
	15	13.7	147.4	21.06	134.0	19.14	120.7	17.24	114.0	16.31	107.0	15.39	93.40	13.60
100	-30	-30.2	107.3	50.98	106.6	51.38	105.8	51.80	105.5	52.00	105.2	52.20	104.3	52.60
	-24.8	-25	124.7	53.81	123.8	54.26	122.9	54.72	122.6	54.92	122.1	55.15	121.4	55.58
	-21.8	-22	135.4	55.47	134.5	55.95	133.6	56.41	133.1	56.66	132.8	56.89	131.9	57.34
	-19.8	-20	143.0	56.58	141.9	57.09	141.0	57.58	140.6	57.81	140.1	58.06	139.2	58.52
	-18.8	-19	146.8	57.15	145.9	57.66	144.8	58.15	144.4	58.40	143.9	58.63	143.0	59.12
	-16.7	-17	154.9	58.32	153.7	58.83	152.8	59.34	152.3	59.60	151.7	59.83	150.8	60.32
	-15	-15.9	159.6	58.98	158.4	59.52	157.5	60.03	156.9	60.29	156.4	60.54	155.4	61.03
	-13.7	-15	163.8	59.59	162.8	60.13	161.9	60.67	161.4	60.93	160.8	61.19	159.8	61.65
	-11.8	-13	172.1	60.72	170.9	61.26	169.7	61.80	169.2	62.08	168.8	62.34	159.8	58.63
	-9.8	-11	181.0	61.94	179.9	62.51	178.7	63.05	176.9	62.75	171.3	60.30	159.8	55.48
	-9.5	-10	185.4	62.51	184.0	63.08	182.7	63.55	176.9	61.11	171.3	58.73	159.8	54.06
	-8.5	-9.1	189.5	63.08	188.3	63.66	182.7	61.92	176.9	59.56	171.3	57.24	159.8	52.70
	-7	-7.6	196.8	64.05	194.0	63.89	182.7	59.33	176.9	57.07	171.3	54.87	159.8	50.52
	-5	-5.6	205.6	64.70	194.0	60.30	182.7	55.99	176.9	53.90	171.3	51.81	159.8	47.75
	-3	-3.7	205.6	61.15	194.0	57.01	182.7	52.98	176.9	50.99	171.3	49.04	159.8	45.23
	0	-0.7	205.6	55.96	194.0	52.22	182.7	48.57	176.9	46.77	171.3	45.02	159.8	41.55
	3	2.2	205.6	51.43	194.0	48.03	182.7	44.72	176.9	43.09	171.3	41.48	159.8	38.33
	5	4.1	194.6	44.60	183.0	41.53	171.4	38.53	165.6	37.05	159.8	35.59	148.2	32.71
	7	6	183.3	38.36	171.7	35.59	159.8	32.86	154.0	31.54	148.2	30.20	136.6	27.60
	9	7.9	171.6	32.72	159.8	30.23	147.9	27.78	142.1	26.59	136.1	25.41	124.2	23.09
	11	9.8	159.5	27.65	147.6	25.45	135.7	23.27	129.6	22.22	123.6	21.15	111.6	19.09
	13	11.8	147.0	23.08	135.1	21.13	123.0	19.24	116.9	18.29	110.8	17.36	98.60	15.54
	15	13.7	134.0	19.12	121.8	17.40	109.7	15.75	103.5	14.94	97.40	14.11	84.90	12.52

26. ARUM580LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	106.6	51.38	105.8	51.78	105.2	52.18	104.9	52.38	104.3	52.58	103.7	52.95
	-24.8	-25	123.8	54.32	122.9	54.78	122.0	55.21	121.7	55.43	121.2	55.63	120.3	56.06
	-21.8	-22	134.3	56.06	133.4	56.52	132.5	57.00	132.0	57.23	131.6	57.44	130.8	57.89
	-19.8	-20	141.6	57.24	140.7	57.72	139.8	58.20	139.4	58.43	138.9	58.66	138.0	59.12
	-18.8	-19	145.6	57.84	144.4	58.34	143.5	58.81	143.0	59.06	142.6	59.29	141.8	59.74
	-16.7	-17	153.4	59.06	152.3	59.57	151.4	60.06	150.8	60.31	150.2	60.54	143.8	57.80
	-15	-15.9	158.1	59.77	156.9	60.29	156.0	60.80	155.4	61.03	154.0	60.84	143.8	56.01
	-13.7	-15	162.3	60.42	161.3	60.96	160.2	61.47	159.2	61.43	154.0	59.01	143.8	54.27
	-11.8	-13	170.3	61.60	169.1	62.14	164.4	60.66	159.2	58.39	154.0	56.13	143.8	51.68
	-9.8	-11	179.0	62.91	174.6	61.77	164.4	57.39	159.2	55.24	154.0	53.11	143.8	48.95
	-9.5	-10	183.1	63.51	174.6	60.16	164.4	55.91	159.2	53.82	154.0	51.75	143.8	47.72
	-8.5	-9.1	185.0	62.86	174.6	58.62	164.4	54.51	159.2	52.47	154.0	50.47	143.8	46.54
	-7	-7.6	185.0	60.24	174.6	56.19	164.4	52.24	159.2	50.31	154.0	48.41	143.8	44.65
	-5	-5.6	185.0	56.84	174.6	53.06	164.4	49.35	159.2	47.54	154.0	45.76	143.8	42.23
	-3	-3.7	185.0	53.77	174.6	50.23	164.4	46.74	159.2	45.03	154.0	43.34	143.8	40.04
	0	-0.7	185.0	49.30	174.6	46.07	164.4	42.93	159.2	41.38	154.0	39.84	143.8	36.84
	3	2.2	185.0	45.38	174.6	42.45	164.4	39.59	159.2	38.18	154.0	36.79	143.8	34.06
	5	4.1	175.1	39.45	164.7	36.80	154.3	34.20	149.1	32.91	143.9	31.65	133.4	29.14
	7	6	165.0	34.01	154.5	31.60	143.9	29.25	138.6	28.09	133.4	26.95	122.9	24.70
	9	7.9	154.3	29.09	143.8	26.95	133.1	24.82	127.9	23.80	122.6	22.75	111.9	20.72
	11	9.8	143.5	24.69	132.8	22.76	122.1	20.89	116.6	19.96	111.3	19.04	100.4	17.23
	13	11.8	132.3	20.71	121.5	19.01	110.7	17.34	105.2	16.52	99.70	15.71	88.70	14.12
	15	13.7	120.6	17.23	109.7	15.75	98.80	14.30	93.10	13.57	87.60	12.86	76.30	11.47
80	-30	-30.2	105.8	51.86	104.9	52.26	104.3	52.66	104.0	52.84	103.7	53.03	102.9	53.41
	-24.8	-25	122.6	54.95	121.7	55.40	120.9	55.83	120.5	56.03	120.0	56.23	119.4	56.65
	-21.8	-22	132.8	56.80	131.9	57.26	131.1	57.69	130.7	57.91	130.2	58.14	127.9	57.55
	-19.8	-20	140.1	58.03	139.2	58.51	138.3	58.97	137.8	59.20	136.9	59.16	127.9	54.53
	-18.8	-19	143.8	58.68	142.9	59.15	142.0	59.62	141.5	59.85	136.9	57.60	127.9	53.10
	-16.7	-17	151.4	59.97	150.5	60.46	146.2	58.89	141.5	56.71	136.9	54.56	127.9	50.30
	-15	-15.9	156.0	60.74	155.1	61.23	146.2	57.07	141.5	54.95	136.9	52.85	127.9	48.73
	-13.7	-15	160.2	61.44	155.2	59.54	146.2	55.31	141.5	53.23	136.9	51.17	127.9	47.16
	-11.8	-13	164.4	60.67	155.2	56.63	146.2	52.66	141.5	50.71	136.9	48.80	127.9	44.98
	-9.8	-11	164.4	57.39	155.2	53.58	146.2	49.88	141.5	48.05	136.9	46.24	127.9	42.71
	-9.5	-10	164.4	55.91	155.2	52.21	146.2	48.61	141.5	46.84	136.9	45.09	127.9	41.66
	-8.5	-9.1	164.4	54.51	155.2	50.91	146.2	47.41	141.5	45.69	136.9	43.98	127.9	40.63
	-7	-7.6	164.4	52.24	155.2	48.82	146.2	45.47	141.5	43.84	136.9	42.21	127.9	39.00
	-5	-5.6	164.4	49.35	155.2	46.15	146.2	43.01	141.5	41.47	136.9	39.94	127.9	36.93
	-3	-3.7	164.4	46.74	155.2	43.72	146.2	40.76	141.5	39.32	136.9	37.89	127.9	35.07
	0	-0.7	164.4	42.93	155.2	40.19	146.2	37.51	141.5	36.20	136.9	34.89	127.9	32.33
	3	2.2	164.4	39.59	155.2	37.09	146.2	34.67	141.5	33.46	136.9	32.26	127.9	29.94
	5	4.1	155.7	34.52	146.4	32.25	137.2	30.02	132.5	28.93	127.9	27.83	118.6	25.69
	7	6	146.5	29.85	137.2	27.80	127.9	25.78	123.3	24.78	118.6	23.79	109.1	21.87
	9	7.9	137.2	25.62	127.9	23.77	118.3	21.96	113.7	21.08	109.0	20.18	99.40	18.44
	11	9.8	127.6	21.83	118.0	20.19	108.5	18.58	103.8	17.77	98.90	16.99	89.30	15.42
	13	11.8	117.5	18.40	107.9	16.94	98.30	15.52	93.40	14.82	88.70	14.12	78.80	12.73
	15	13.7	107.3	15.41	97.50	14.13	87.80	12.88	82.90	12.27	78.00	11.64	67.90	10.43
70	-30	-30.2	104.6	52.49	104.0	52.86	103.2	53.24	102.9	53.43	102.6	53.63	101.9	53.97

26. ARUM580LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	120.9	55.75	120.3	56.17	119.4	56.57	119.1	56.77	118.8	56.97	111.9	53.34
	-21.8	-22	131.1	57.71	130.2	58.14	127.9	57.55	123.8	55.43	119.8	53.34	111.9	49.25
	-19.8	-20	138.3	59.03	136.0	58.60	127.9	54.53	123.8	52.54	119.8	50.57	111.9	46.70
	-18.8	-19	141.8	59.71	136.0	57.02	127.9	53.10	123.8	51.16	119.8	49.25	111.9	45.48
	-16.7	-17	143.8	57.80	136.0	54.01	127.9	50.30	123.8	48.49	119.8	46.68	111.9	43.14
	-15	-15.9	143.8	56.01	136.0	52.33	127.9	48.73	123.8	46.95	119.8	45.18	111.9	41.71
	-13.7	-15	143.8	54.28	136.0	50.67	127.9	47.17	123.8	45.44	119.8	43.73	111.9	40.38
	-11.8	-13	143.8	51.68	136.0	48.30	127.9	44.98	123.8	43.32	119.8	41.72	111.9	38.53
	-9.8	-11	143.8	48.96	136.0	45.80	127.9	42.71	123.8	41.17	119.8	39.67	111.9	36.68
	-9.5	-10	143.8	47.72	136.0	44.65	127.9	41.66	123.8	40.18	119.8	38.70	111.9	35.84
	-8.5	-9.1	143.8	46.54	136.0	43.56	127.9	40.63	123.8	39.19	119.8	37.77	111.9	34.97
	-7	-7.6	143.8	44.65	136.0	41.81	127.9	39.00	123.8	37.64	119.8	36.28	111.9	33.60
	-5	-5.6	143.8	42.23	136.0	39.56	127.9	36.95	123.8	35.66	119.8	34.39	111.9	31.87
	-3	-3.7	143.8	40.04	136.0	37.53	127.9	35.07	123.8	33.86	119.8	32.66	111.9	30.28
	0	-0.7	143.8	36.84	136.0	34.57	127.9	32.33	123.8	31.23	119.8	30.14	111.9	27.98
	3	2.2	143.8	34.06	136.0	31.97	127.9	29.94	123.8	28.94	119.8	27.94	111.9	25.97
	5	4.1	136.3	29.79	128.2	27.88	120.1	26.00	116.0	25.09	111.9	24.18	103.8	22.38
	7	6	128.2	25.84	120.1	24.13	111.9	22.43	107.9	21.59	103.8	20.77	95.40	19.14
	9	7.9	120.1	22.30	111.9	20.74	103.6	19.22	99.50	18.47	95.40	17.71	87.00	16.25
	11	9.8	111.6	19.09	103.3	17.71	95.10	16.34	90.80	15.67	86.70	15.00	78.00	13.67
	13	11.8	102.9	16.18	94.50	14.96	86.10	13.76	81.80	13.15	77.50	12.57	69.00	11.40
	15	13.7	93.90	13.66	85.30	12.58	76.80	11.50	72.50	10.98	68.20	10.48	59.40	9.44
60	-30	-30.2	103.1	53.28	102.5	53.66	101.9	54.00	101.4	54.20	101.1	54.37	96.00	51.29
	-24.8	-25	119.1	56.77	116.5	55.88	109.6	52.07	106.2	50.21	102.7	48.36	96.00	44.70
	-21.8	-22	123.3	55.13	116.5	51.57	109.6	48.10	106.2	46.37	102.7	44.68	96.00	41.32
	-19.8	-20	123.3	52.27	116.5	48.91	109.6	45.61	106.2	44.00	102.7	42.40	96.00	39.23
	-18.8	-19	123.3	50.89	116.5	47.62	109.6	44.43	106.2	42.85	102.7	41.30	96.00	38.22
	-16.7	-17	123.3	48.22	116.5	45.15	109.6	42.13	106.2	40.64	102.7	39.18	96.00	36.29
	-15	-15.9	123.3	46.69	116.5	43.69	109.6	40.75	106.2	39.30	102.7	37.87	96.00	35.04
	-13.7	-15	123.3	45.21	116.5	42.30	109.6	39.45	106.2	38.06	102.7	36.67	96.00	33.96
	-11.8	-13	123.3	43.09	116.5	40.33	109.6	37.64	106.2	36.31	102.7	35.00	96.00	32.41
	-9.8	-11	123.3	40.96	116.5	38.39	109.6	35.82	106.2	34.56	102.7	33.32	96.00	30.87
	-9.5	-10	123.3	39.95	116.5	37.46	109.6	35.03	106.2	33.82	102.7	32.62	96.00	30.28
	-8.5	-9.1	123.3	38.99	116.5	36.56	109.6	34.19	106.2	33.01	102.7	31.86	96.00	29.57
	-7	-7.6	123.3	37.44	116.5	35.13	109.6	32.86	106.2	31.74	102.7	30.64	96.00	28.44
	-5	-5.6	123.3	35.46	116.5	33.30	109.6	31.17	106.2	30.11	102.7	29.08	96.00	27.02
	-3	-3.7	123.3	33.69	116.5	31.63	109.6	29.62	106.2	28.64	102.7	27.65	96.00	25.71
	0	-0.7	123.3	31.07	116.5	29.21	109.6	27.38	106.2	26.47	102.7	25.58	96.00	23.82
	3	2.2	123.3	28.79	116.5	27.09	109.6	25.41	106.2	24.59	102.7	23.78	96.00	22.17
	5	4.1	116.6	25.26	109.9	23.70	102.9	22.17	99.50	21.41	96.00	20.68	89.00	19.19
	7	6	109.9	22.01	103.0	20.60	96.00	19.22	92.50	18.54	89.00	17.87	81.80	16.52
	9	7.9	102.9	19.09	96.00	17.82	88.80	16.56	85.30	15.95	81.80	15.33	74.50	14.13
	11	9.8	95.70	16.46	88.50	15.31	81.50	14.20	77.70	13.64	74.20	13.09	67.00	12.01
	13	11.8	88.20	14.06	80.90	13.04	73.70	12.04	70.20	11.55	66.40	11.07	59.10	10.09
	15	13.7	80.40	11.96	73.10	11.06	65.80	10.18	62.10	9.76	58.30	9.33	51.00	8.48
50	-30	-30.2	101.1	54.34	97.10	52.00	91.30	48.52	88.50	46.81	85.60	45.10	80.00	41.76
	-24.8	-25	102.7	48.36	97.10	45.31	91.30	42.32	88.50	40.84	85.60	39.38	80.00	36.50

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	102.7	44.68	97.10	41.88	91.30	39.14	88.50	37.79	85.60	36.46	80.00	33.82
	-19.8	-20	102.7	42.40	97.10	39.75	91.30	37.16	88.50	35.89	85.60	34.64	80.00	32.13
	-18.8	-19	102.7	41.30	97.10	38.74	91.30	36.22	88.50	34.98	85.60	33.76	80.00	31.33
	-16.7	-17	102.7	39.18	97.10	36.77	91.30	34.40	88.50	33.22	85.60	32.07	80.00	29.79
	-15	-15.9	102.7	37.87	97.10	35.51	91.30	33.22	88.50	32.07	85.60	30.95	80.00	28.74
	-13.7	-15	102.7	36.67	97.10	34.39	91.30	32.17	88.50	31.08	85.60	29.99	80.00	27.84
	-11.8	-13	102.7	35.00	97.10	32.84	91.30	30.72	88.50	29.68	85.60	28.65	80.00	26.62
	-9.8	-11	102.7	33.32	97.10	31.28	91.30	29.27	88.50	28.29	85.60	27.30	80.00	25.38
	-9.5	-10	102.7	32.62	97.10	30.66	91.30	28.74	88.50	27.79	85.60	26.85	80.00	24.99
	-8.5	-9.1	102.7	31.86	97.10	29.96	91.30	28.07	88.50	27.16	85.60	26.24	80.00	24.42
	-7	-7.6	102.7	30.64	97.10	28.81	91.30	27.01	88.50	26.13	85.60	25.27	80.00	23.53
	-5	-5.6	102.7	29.08	97.10	27.37	91.30	25.66	88.50	24.84	85.60	24.01	80.00	22.39
	-3	-3.7	102.7	27.65	97.10	26.05	91.30	24.46	88.50	23.66	85.60	22.89	80.00	21.36
	0	-0.7	102.7	25.58	97.10	24.11	91.30	22.66	88.50	21.95	85.60	21.25	80.00	19.84
	3	2.2	102.7	23.79	97.10	22.43	91.30	21.10	88.50	20.45	85.60	19.80	80.00	18.53
	5	4.1	97.20	20.96	91.60	19.72	85.80	18.51	82.90	17.92	80.00	17.31	74.20	16.14
	7	6	91.60	18.38	85.80	17.26	80.00	16.16	77.10	15.61	74.20	15.07	68.20	13.99
	9	7.9	85.80	16.03	80.00	15.03	74.00	14.03	71.00	13.55	68.10	13.05	62.10	12.08
	11	9.8	79.70	13.94	73.90	13.03	67.90	12.12	64.90	11.68	61.80	11.24	55.70	10.38
	13	11.8	73.40	12.01	67.50	11.21	61.50	10.42	58.30	10.01	55.40	9.62	49.30	8.86
	15	13.7	67.00	10.34	60.90	9.63	54.80	8.92	51.90	8.57	48.70	8.21	42.40	7.53

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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26.5 Capacity Correction Factor

26.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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26.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

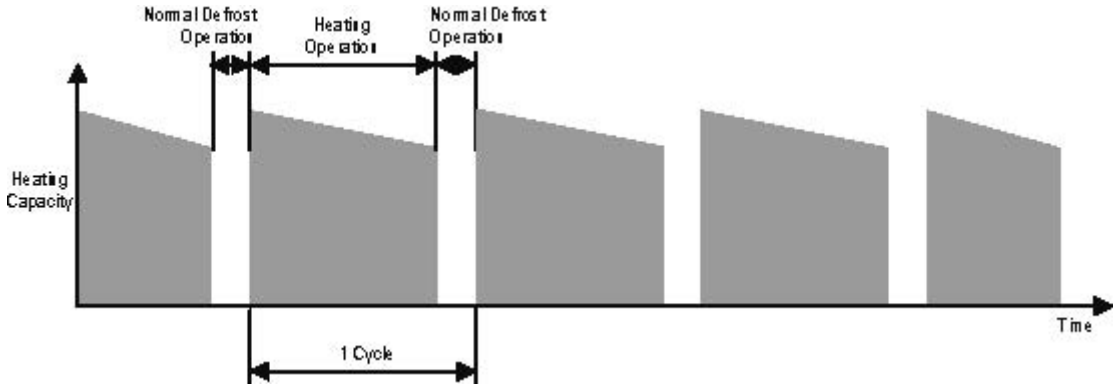
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

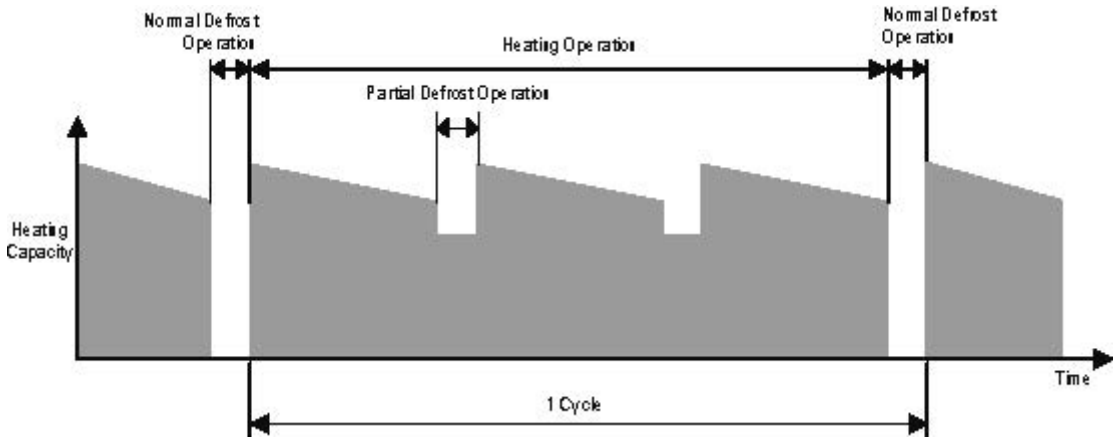
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

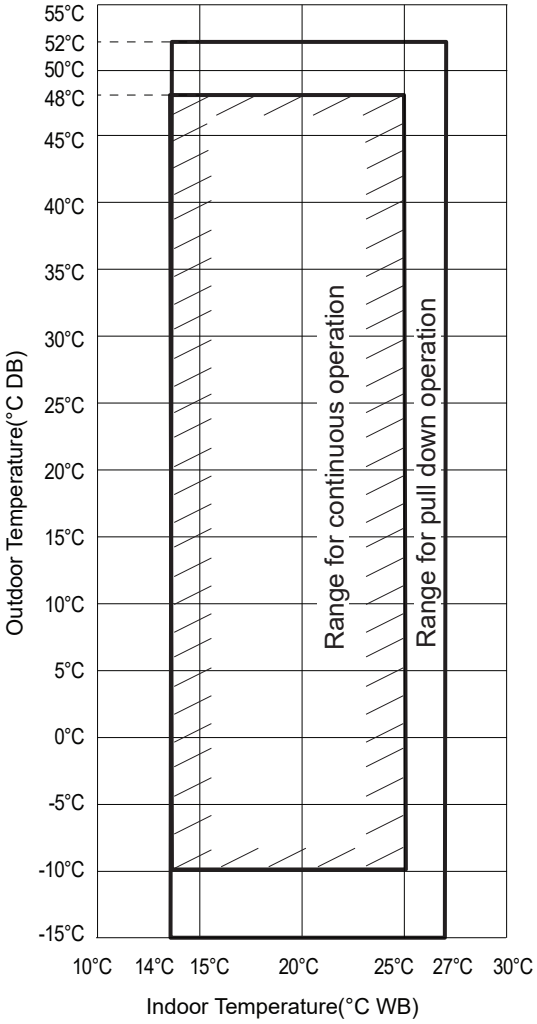


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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26.6 Operation Limits

26.6.1 Cooling

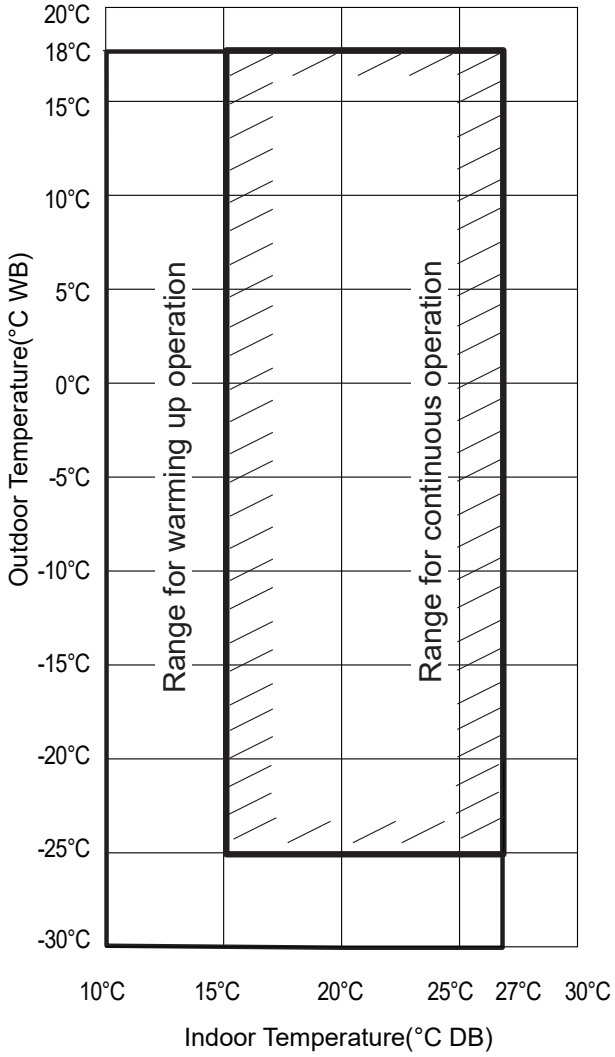


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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26.6.2 Heating

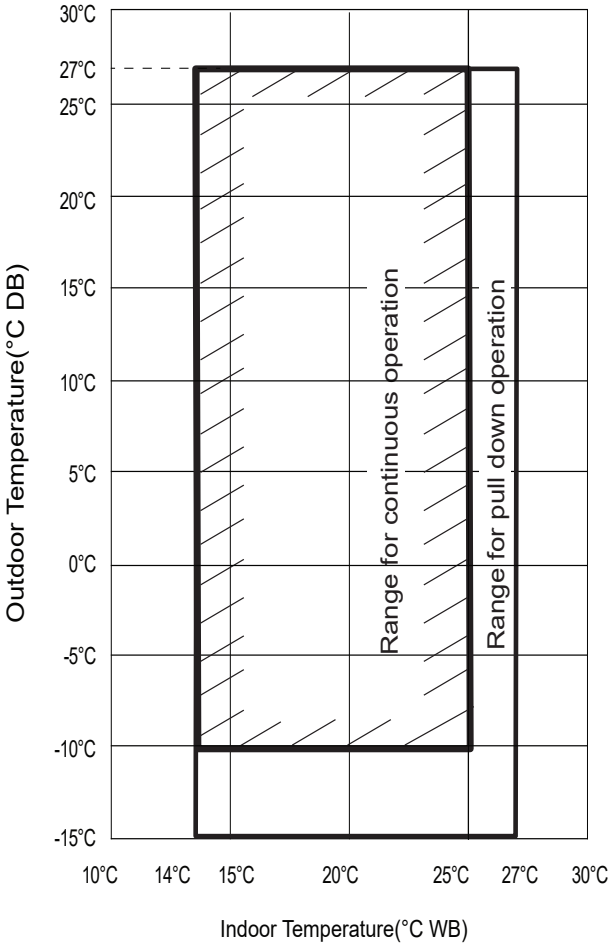


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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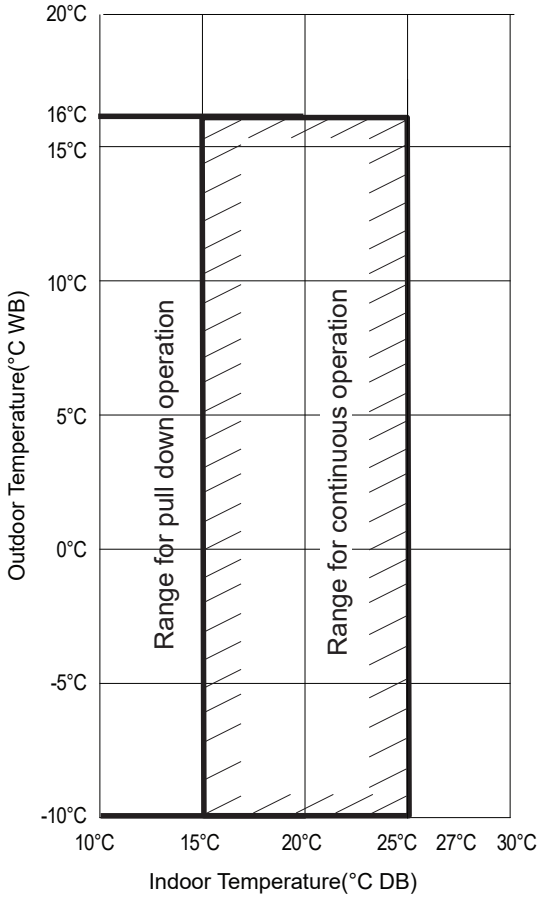
26.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

26.6.4 Simultaneous Operation (Heating)



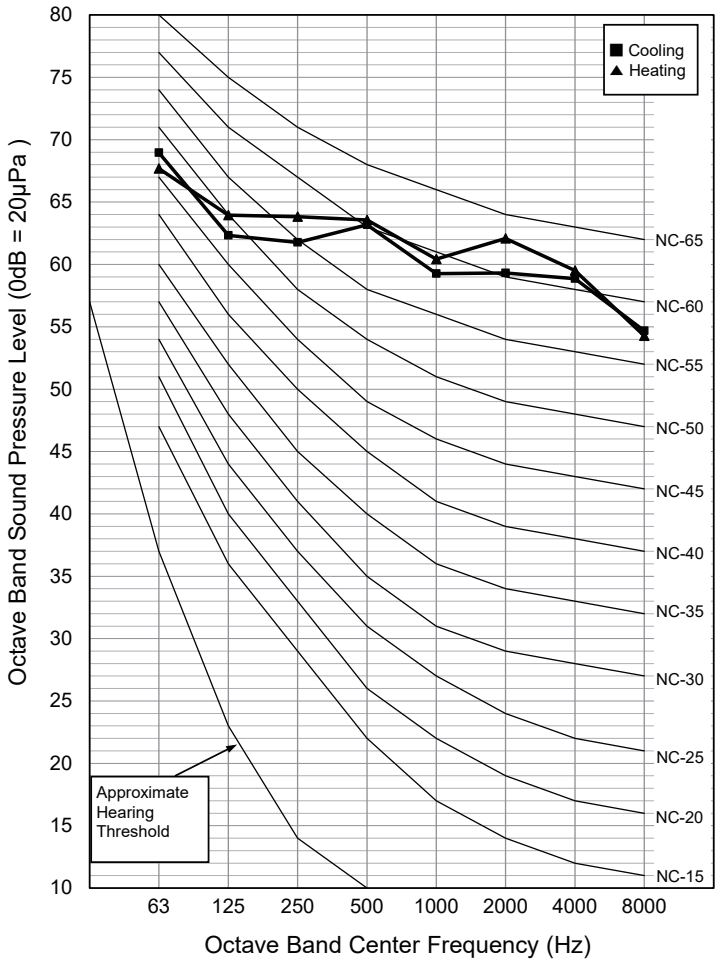
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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26.7 Sound Levels

26.7.1 Pressure Levels



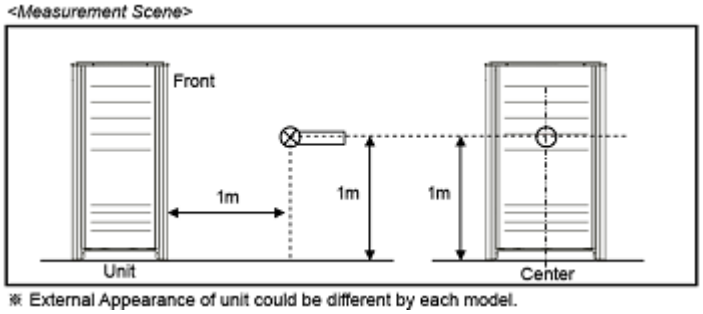
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.0	62.3	61.8	63.2	59.3	59.3	58.8	54.7
Heating[dB]	67.7	63.9	63.8	63.6	60.4	62.1	59.5	54.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	66.5 / 67.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

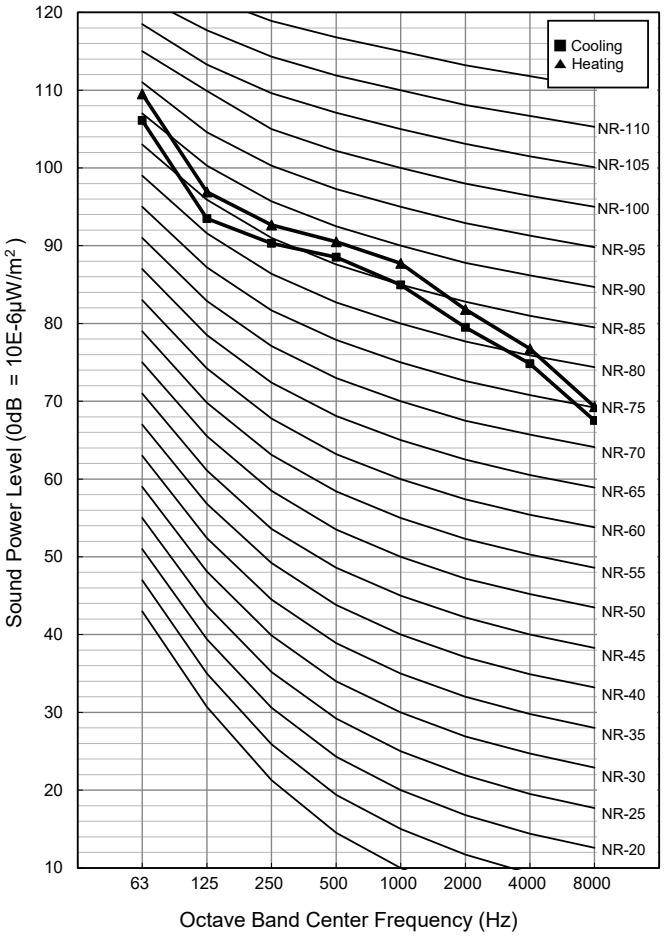
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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26.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	106.1	93.5	90.3	88.5	84.9	79.5	74.8	67.5
Heating[dB]	109.5	96.9	92.7	90.5	87.7	81.8	76.8	69.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.5 / 93.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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27.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	85.97 - 81.67 - 78.72
	Running Current by Voltage (Heating,Rated)	A	61.95 - 58.85 - 56.73
Cooling Capacity	Rated	kW	168.0
		Btu/h	573,200
Heating Capacity	Rated	kW	168.0
		Btu/h	573,200
	Max	kW	189.0
		Btu/h	644,900
Power Input(Cooling)	Rated	kW	52.62
Power Input(Heating)	Rated	kW	37.92
Efficiency	EER(Rated)	W/W	3.19
	COP(Rated)	W/W	4.43
	SEER	Wh/Wh	8.42
	SCOP	Wh/Wh	5.13
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 6
	Number of Revolution	rev./min	3,600 x 6
	Motor Output	W x No.	5,300 x 6
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	3
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 3
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 3
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	48.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	100.200
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ19.05(3/4)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	66.8 / 68.3
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.8 / 93.8
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	141.8
	Maximum Fuse Amperes (MFA)	A	175
	Total Over Current Amperes (TOCA)	A	156.0
	Comp_Maximum Starting Current (MSC)	A	35.4
	Comp_Rated Load Amperes (Cooling)	A	78.5
	Comp_Rated Load Amperes (Heating)	A	54.5
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	7.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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27.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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27.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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27.4 Capacity Tables

27.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	131.1	13.23	165.6	18.36	202.8	26.67	218.4	31.20	235.8	37.14	250.8	42.03	262.5	45.75
	12	131.1	14.46	165.6	20.28	202.8	29.43	218.4	34.35	235.8	40.74	250.8	45.60	262.5	49.44
	14	131.1	15.84	165.6	22.38	202.8	32.46	218.4	37.80	235.8	44.58	250.8	49.50	262.5	53.43
	16	131.1	17.37	165.6	24.72	202.8	35.79	218.4	41.58	235.8	48.57	250.8	53.67	262.5	57.75
	18	131.1	19.08	165.6	27.30	202.8	39.42	218.4	45.72	235.8	52.86	250.8	57.72	262.5	61.05
	20	131.1	20.97	165.6	30.09	202.8	43.41	218.4	50.07	235.8	56.10	250.8	60.48	262.5	63.81
	21	131.1	21.99	165.6	31.62	202.8	45.42	218.4	51.57	235.8	57.51	250.8	61.92	262.5	65.25
	23	131.1	24.21	165.6	34.83	202.8	48.33	218.4	54.81	235.8	60.48	250.8	64.98	262.5	68.37
	25	131.1	26.61	165.6	37.41	202.8	51.42	218.4	58.08	235.8	63.66	250.8	68.31	262.5	71.79
	27	131.1	28.74	165.6	39.87	202.8	54.78	218.4	61.29	235.8	67.11	250.8	71.94	262.5	75.60
	29	131.1	30.66	165.6	42.51	202.8	58.38	218.4	64.74	235.8	70.83	250.8	75.93	262.5	79.83
	31	131.1	32.70	165.6	45.33	202.8	62.34	218.4	68.46	235.8	74.91	250.8	80.43	262.5	84.69
	33	131.1	34.89	165.6	48.36	202.8	66.42	218.4	72.48	235.8	79.44	248.1	84.39	248.1	84.42
	35	131.1	37.20	165.6	51.60	202.8	70.38	218.4	76.89	231.9	82.80	231.9	82.83	231.9	82.83
	37	131.1	39.69	165.6	55.11	202.8	74.70	216.0	80.79	216.3	80.85	216.0	80.82	216.0	80.79
	39	131.1	42.33	165.6	58.89	200.7	78.48	200.4	78.42	200.4	78.36	200.4	78.42	200.4	78.42
	41	131.1	45.15	165.6	63.03	185.7	75.90	185.4	75.87	185.4	75.81	185.1	75.72	185.4	75.87
	43	131.1	48.21	165.6	67.59	171.0	71.16	170.7	71.16	170.7	71.07	170.7	71.16	170.4	71.01
	46	131.1	53.19	150.3	64.53	150.0	64.47	150.0	64.53	150.0	64.44	149.7	64.35	150.0	64.50
	48	131.1	56.88	137.1	60.45	136.8	60.39	136.8	60.36	137.1	60.51	136.8	60.48	136.8	60.42
	50	125.1	56.97	124.8	56.88	124.5	56.76	124.5	56.85	124.5	56.76	124.2	56.70	124.2	56.70
	52	110.4	49.65	111.9	47.16	112.8	44.67	112.8	44.13	112.8	43.56	112.8	43.05	112.8	42.72
120	10	121.2	12.12	153.0	16.20	187.2	22.77	201.6	26.34	217.8	31.02	231.6	35.58	242.4	39.42
	12	121.2	13.17	153.0	17.85	187.2	25.17	201.6	29.10	217.8	34.17	231.6	39.09	242.4	42.90
	14	121.2	14.37	153.0	19.68	187.2	27.81	201.6	32.10	217.8	37.59	231.6	42.90	242.4	46.68
	16	121.2	15.69	153.0	21.69	187.2	30.69	201.6	35.37	217.8	41.34	231.6	47.07	242.4	50.76
	18	121.2	17.19	153.0	23.94	187.2	33.87	201.6	38.97	217.8	45.48	231.6	51.33	242.4	55.17
	20	121.2	18.84	153.0	26.40	187.2	37.32	201.6	42.93	217.8	49.83	231.6	54.78	242.4	57.99
	21	121.2	19.71	153.0	27.72	187.2	39.18	201.6	44.97	217.8	51.33	231.6	56.19	242.4	59.43
	23	121.2	21.66	153.0	30.54	187.2	42.39	201.6	47.85	217.8	54.57	231.6	59.16	242.4	62.46
	25	121.2	23.79	153.0	33.27	187.2	45.15	201.6	50.94	217.8	57.90	231.6	62.31	242.4	65.70
	27	121.2	25.95	153.0	35.49	187.2	48.09	201.6	54.24	217.8	61.11	231.6	65.67	242.4	69.21
	29	121.2	27.66	153.0	37.83	187.2	51.27	201.6	57.81	217.8	64.53	231.6	69.33	242.4	73.05
	31	121.2	29.49	153.0	40.35	187.2	54.69	201.6	61.71	217.8	68.22	231.6	73.32	242.4	77.28
	33	121.2	31.44	153.0	43.02	187.2	58.38	201.6	65.94	217.8	72.24	231.6	77.70	242.4	82.05
	35	121.2	33.54	153.0	45.90	187.2	62.40	201.6	69.87	217.8	76.65	231.6	82.62	232.2	82.92
	37	121.2	35.79	153.0	48.99	187.2	66.81	201.6	74.16	216.3	80.85	216.3	80.85	216.0	80.79
	39	121.2	38.16	153.0	52.29	187.2	71.73	200.7	78.51	200.7	78.45	200.4	78.45	200.4	78.39
	41	121.2	40.71	153.0	55.86	185.7	75.90	185.4	75.84	185.4	75.78	185.1	75.75	185.1	75.75
	43	121.2	43.44	153.0	59.76	171.0	71.22	171.0	71.16	170.7	71.07	170.7	71.10	170.7	71.16
	46	121.2	47.91	150.3	64.62	150.0	64.41	150.0	64.41	150.0	64.47	150.0	64.44	150.0	64.41
	48	121.2	51.15	137.1	60.42	137.1	60.48	137.1	60.54	136.8	60.45	136.8	60.42	136.8	60.33
	50	121.2	54.66	124.8	56.82	124.5	56.85	124.5	56.85	124.5	56.85	124.5	56.85	124.5	56.70
	52	110.1	50.64	111.3	48.18	112.8	45.69	112.8	45.21	112.8	44.64	112.8	44.19	112.8	43.95
110	10	111.0	11.19	140.1	14.37	171.6	19.47	184.8	22.23	199.5	25.83	212.1	29.34	222.0	32.40
	12	111.0	12.06	140.1	15.75	171.6	21.51	184.8	24.57	199.5	28.53	212.1	32.37	222.0	35.67
	14	111.0	13.08	140.1	17.31	171.6	23.76	184.8	27.15	199.5	31.47	212.1	35.64	222.0	39.21

27. ARUM600LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	111.0	14.19	140.1	19.05	171.6	26.25	184.8	29.97	199.5	34.71	212.1	39.24	222.0	43.11
	18	111.0	15.48	140.1	20.97	171.6	28.98	184.8	33.06	199.5	38.25	212.1	43.17	222.0	47.37
	20	111.0	16.89	140.1	23.07	171.6	31.95	184.8	36.45	199.5	42.12	212.1	47.49	222.0	51.60
	21	111.0	17.67	140.1	24.21	171.6	33.54	184.8	38.28	199.5	44.19	212.1	49.11	222.0	53.19
	23	111.0	19.35	140.1	26.67	171.6	36.99	184.8	41.52	199.5	47.10	212.1	52.20	222.0	56.25
	25	111.0	21.21	140.1	29.37	171.6	39.42	184.8	44.25	199.5	50.13	212.1	55.56	222.0	59.31
	27	111.0	23.25	140.1	31.41	171.6	42.03	184.8	47.13	199.5	53.37	212.1	59.16	222.0	62.58
	29	111.0	24.87	140.1	33.51	171.6	44.79	184.8	50.22	199.5	56.91	212.1	62.61	222.0	66.06
	31	111.0	26.49	140.1	35.73	171.6	47.76	184.8	53.58	199.5	60.72	212.1	66.21	222.0	69.87
	33	111.0	28.26	140.1	38.10	171.6	50.94	184.8	57.18	199.5	64.92	212.1	70.11	222.0	73.98
	35	111.0	30.12	140.1	40.65	171.6	54.39	184.8	61.11	199.5	69.09	212.1	74.34	222.0	78.51
	37	111.0	32.13	140.1	43.35	171.6	58.11	184.8	65.40	199.5	73.29	212.1	78.99	216.0	80.76
	39	111.0	34.29	140.1	46.26	171.6	62.16	184.8	70.17	199.5	77.91	200.4	78.39	200.7	78.45
	41	111.0	36.57	140.1	49.38	171.6	66.63	184.8	75.45	185.7	75.90	185.4	75.87	185.4	75.87
	43	111.0	39.03	140.1	52.74	171.0	71.10	171.0	71.25	171.0	71.19	170.7	71.10	170.7	71.10
	46	111.0	43.02	140.1	58.29	150.0	64.50	150.0	64.47	150.0	64.53	150.0	64.53	149.7	64.35
	48	111.0	45.90	137.1	60.51	137.1	60.54	137.1	60.54	137.1	60.48	136.8	60.48	136.8	60.45
	50	111.0	48.99	124.8	56.94	124.5	56.79	124.5	56.85	124.5	56.76	124.5	56.73	124.5	56.79
	52	109.5	51.21	110.4	49.41	112.2	46.92	112.5	46.44	112.8	45.93	112.2	45.51	112.8	44.88
100	10	100.8	10.35	127.5	12.81	156.0	16.68	168.0	18.78	181.5	21.48	192.9	24.15	201.9	26.46
	12	100.8	11.10	127.5	13.98	156.0	18.39	168.0	20.73	181.5	23.76	192.9	26.70	201.9	29.22
	14	100.8	11.94	127.5	15.27	156.0	20.28	168.0	22.92	181.5	26.25	192.9	29.46	201.9	32.22
	16	100.8	12.90	127.5	16.71	156.0	22.38	168.0	25.29	181.5	29.01	192.9	32.52	201.9	35.52
	18	100.8	13.95	127.5	18.33	156.0	24.69	168.0	27.93	181.5	32.01	192.9	35.85	201.9	39.15
	20	100.8	15.18	127.5	20.16	156.0	27.24	168.0	30.81	181.5	35.28	192.9	39.51	201.9	43.08
	21	100.8	15.81	127.5	21.12	156.0	28.59	168.0	32.34	181.5	37.05	192.9	41.46	201.9	45.15
	23	100.8	17.25	127.5	23.22	156.0	31.53	168.0	35.67	181.5	40.38	192.9	44.55	201.9	48.00
	25	100.8	18.87	127.5	25.53	156.0	34.23	168.0	38.19	181.5	42.99	192.9	47.43	201.9	51.09
	27	100.8	20.64	127.5	27.69	156.0	36.48	168.0	40.71	181.5	45.81	192.9	50.52	201.9	54.42
	29	100.8	22.26	127.5	29.52	156.0	38.91	168.0	43.38	181.5	48.84	192.9	53.85	201.9	58.02
	31	100.8	23.70	127.5	31.47	156.0	41.49	168.0	46.26	181.5	52.08	192.9	57.45	201.9	61.92
	33	100.8	25.26	127.5	33.57	156.0	44.25	168.0	49.35	181.5	55.56	192.9	61.35	201.9	66.12
	35	100.8	26.94	127.5	35.82	156.0	47.19	168.0	52.68	181.5	59.37	192.9	65.64	201.9	70.05
	37	100.8	28.71	127.5	38.19	156.0	50.37	168.0	56.25	181.5	63.51	192.9	70.38	201.9	74.34
	39	100.8	30.63	127.5	40.74	156.0	53.79	168.0	60.15	181.5	68.07	192.9	74.76	200.7	78.51
	41	100.8	32.70	127.5	43.47	156.0	57.48	168.0	64.41	181.5	73.14	185.4	75.84	185.7	75.90
	43	100.8	34.89	127.5	46.38	156.0	61.53	168.0	69.12	170.7	71.10	171.0	71.25	171.0	71.25
	46	100.8	38.46	127.5	51.18	150.0	64.47	150.3	64.50	150.3	64.53	150.3	64.56	150.0	64.41
	48	100.8	41.04	127.5	54.66	137.4	60.60	137.1	60.57	137.1	60.51	137.1	60.51	137.1	60.54
	50	100.8	43.80	124.8	56.82	124.8	56.82	124.8	56.82	124.5	56.76	124.5	56.76	124.5	56.76
	52	100.8	46.74	110.1	50.07	111.0	48.33	111.6	47.58	112.2	46.80	112.8	46.05	112.8	45.45
90	10	90.90	9.66	114.6	11.52	140.4	14.37	151.2	15.93	163.2	17.94	173.7	19.86	181.8	21.57
	12	90.90	10.26	114.6	12.45	140.4	15.78	151.2	17.55	163.2	19.80	173.7	21.96	181.8	23.85
	14	90.90	10.95	114.6	13.53	140.4	17.34	151.2	19.32	163.2	21.87	173.7	24.27	181.8	26.34
	16	90.90	11.73	114.6	14.73	140.4	19.08	151.2	21.30	163.2	24.12	173.7	26.82	181.8	29.10
	18	90.90	12.63	114.6	16.08	140.4	21.00	151.2	23.49	163.2	26.64	173.7	29.58	181.8	32.10
	20	90.90	13.62	114.6	17.58	140.4	23.13	151.2	25.89	163.2	29.37	173.7	32.64	181.8	35.40
	21	90.90	14.19	114.6	18.39	140.4	24.27	151.2	27.21	163.2	30.84	173.7	34.29	181.8	37.17
	23	90.90	15.39	114.6	20.16	140.4	26.73	151.2	29.97	163.2	34.02	173.7	37.71	181.8	40.47
	25	90.90	16.74	114.6	22.11	140.4	29.43	151.2	32.73	163.2	36.60	173.7	40.17	181.8	43.11
	27	90.90	18.27	114.6	24.27	140.4	31.47	151.2	34.89	163.2	39.03	173.7	42.81	181.8	45.93

27. ARUM600LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	90.90	19.86	114.6	25.86	140.4	33.57	151.2	37.20	163.2	41.61	173.7	45.63	181.8	48.96
	31	90.90	21.12	114.6	27.57	140.4	35.79	151.2	39.69	163.2	44.37	173.7	48.66	181.8	52.23
	33	90.90	22.47	114.6	29.40	140.4	38.16	151.2	42.33	163.2	47.34	173.7	51.90	181.8	55.74
	35	90.90	23.94	114.6	31.35	140.4	40.71	151.2	45.15	163.2	50.49	173.7	55.41	181.8	59.52
	37	90.90	25.53	114.6	33.42	140.4	43.44	151.2	48.15	163.2	53.91	173.7	59.22	181.8	63.69
	39	90.90	27.24	114.6	35.67	140.4	46.35	151.2	51.42	163.2	57.60	173.7	63.39	181.8	68.28
	41	90.90	29.07	114.6	38.04	140.4	49.47	151.2	54.93	163.2	61.65	173.7	67.95	181.8	73.38
	43	90.90	31.02	114.6	40.59	140.4	52.83	151.2	58.71	163.2	66.06	171.0	71.19	171.0	71.19
	46	90.90	34.20	114.6	44.73	140.4	58.38	150.3	64.59	150.3	64.53	150.0	64.50	150.3	64.56
	48	90.90	36.51	114.6	47.76	137.4	60.60	137.1	60.54	137.1	60.51	137.1	60.48	137.1	60.51
	50	90.90	38.97	114.6	51.00	124.8	56.94	124.8	56.94	124.8	56.88	124.8	56.88	124.8	56.85
	52	90.90	41.61	109.5	50.91	110.7	49.05	111.3	48.30	111.9	47.49	112.2	46.74	112.8	46.17
80	10	80.70	8.85	102.0	10.44	124.8	12.51	134.4	13.62	145.2	15.03	154.2	16.41	161.7	17.61
	12	80.70	9.57	102.0	11.19	124.8	13.62	134.4	14.91	145.2	16.53	154.2	18.09	161.7	19.44
	14	80.70	10.11	102.0	12.03	124.8	14.88	134.4	16.35	145.2	18.18	154.2	19.95	161.7	21.48
	16	80.70	10.74	102.0	13.02	124.8	16.29	134.4	17.94	145.2	20.04	154.2	22.02	161.7	23.70
	18	80.70	11.46	102.0	14.10	124.8	17.85	134.4	19.71	145.2	22.08	154.2	24.30	161.7	26.16
	20	80.70	12.27	102.0	15.33	124.8	19.56	134.4	21.69	145.2	24.33	154.2	26.79	161.7	28.86
	21	80.70	12.72	102.0	15.99	124.8	20.52	134.4	22.74	145.2	25.53	154.2	28.11	161.7	30.30
	23	80.70	13.74	102.0	17.46	124.8	22.53	134.4	25.05	145.2	28.14	154.2	30.99	161.7	33.39
	25	80.70	14.85	102.0	19.08	124.8	24.78	134.4	27.57	145.2	30.90	154.2	33.72	161.7	36.03
	27	80.70	16.14	102.0	20.88	124.8	26.94	134.4	29.67	145.2	32.97	154.2	35.97	161.7	38.43
	29	80.70	17.58	102.0	22.50	124.8	28.71	134.4	31.65	145.2	35.16	154.2	38.34	161.7	40.98
	31	80.70	18.72	102.0	23.97	124.8	30.63	134.4	33.75	145.2	37.50	154.2	40.89	161.7	43.68
	33	80.70	19.89	102.0	25.56	124.8	32.67	134.4	36.00	145.2	39.99	154.2	43.62	161.7	46.59
	35	80.70	21.18	102.0	27.24	124.8	34.83	134.4	38.37	145.2	42.66	154.2	46.50	161.7	49.71
	37	80.70	22.56	102.0	29.04	124.8	37.17	134.4	40.95	145.2	45.48	154.2	49.62	161.7	53.07
	39	80.70	24.06	102.0	30.99	124.8	39.63	134.4	43.68	145.2	48.54	154.2	53.01	161.7	56.70
	41	80.70	25.68	102.0	33.06	124.8	42.30	134.4	46.62	145.2	51.84	154.2	56.64	161.7	60.63
	43	80.70	27.42	102.0	35.28	124.8	45.12	134.4	49.74	145.2	55.38	154.2	60.57	161.7	64.95
	46	80.70	30.24	102.0	38.91	124.8	49.77	134.4	54.93	145.2	61.29	150.0	64.44	150.0	64.47
	48	80.70	32.31	102.0	41.52	124.8	53.16	134.4	58.74	137.1	60.51	137.1	60.45	137.1	60.45
	50	80.70	34.50	102.0	44.31	124.8	56.82	124.8	56.91	124.8	56.88	124.8	56.82	124.5	56.82
	52	80.70	36.84	102.0	47.28	110.1	50.04	110.7	49.26	111.3	48.42	111.6	47.64	112.2	47.07
70	10	70.80	7.32	89.10	9.57	109.2	11.01	117.6	11.79	126.9	12.75	135.0	13.71	141.3	14.52
	12	70.80	8.94	89.10	10.14	109.2	11.88	117.6	12.78	126.9	13.92	135.0	15.00	141.3	15.93
	14	70.80	9.36	89.10	10.80	109.2	12.84	117.6	13.89	126.9	15.21	135.0	16.44	141.3	17.52
	16	70.80	9.87	89.10	11.55	109.2	13.95	117.6	15.15	126.9	16.65	135.0	18.06	141.3	19.26
	18	70.80	10.44	89.10	12.42	109.2	15.18	117.6	16.56	126.9	18.27	135.0	19.86	141.3	21.21
	20	70.80	11.10	89.10	13.41	109.2	16.56	117.6	18.12	126.9	20.04	135.0	21.84	141.3	23.37
	21	70.80	11.46	89.10	13.95	109.2	17.31	117.6	18.96	126.9	21.03	135.0	22.92	141.3	24.51
	23	70.80	12.27	89.10	15.12	109.2	18.93	117.6	20.82	126.9	23.10	135.0	25.23	141.3	27.00
	25	70.80	13.17	89.10	16.44	109.2	20.76	117.6	22.83	126.9	25.41	135.0	27.78	141.3	29.73
	27	70.80	14.22	89.10	17.91	109.2	22.74	117.6	24.99	126.9	27.57	135.0	29.88	141.3	31.77
	29	70.80	15.42	89.10	19.50	109.2	24.36	117.6	26.64	126.9	29.37	135.0	31.86	141.3	33.90
	31	70.80	16.53	89.10	20.70	109.2	25.95	117.6	28.41	126.9	31.35	135.0	33.99	141.3	36.15
	33	70.80	17.52	89.10	22.05	109.2	27.66	117.6	30.30	126.9	33.42	135.0	36.24	141.3	38.55
	35	70.80	18.63	89.10	23.49	109.2	29.52	117.6	32.31	126.9	35.64	135.0	38.64	141.3	41.13
	37	70.80	19.83	89.10	25.02	109.2	31.47	117.6	34.47	126.9	38.04	135.0	41.22	141.3	43.86
	39	70.80	21.12	89.10	26.70	109.2	33.60	117.6	36.78	126.9	40.56	135.0	43.98	141.3	46.80
	41	70.80	22.53	89.10	28.50	109.2	35.82	117.6	39.24	126.9	43.29	135.0	46.95	141.3	49.95

27. ARUM600LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	70.80	24.06	89.10	30.42	109.2	38.22	117.6	41.85	126.9	46.17	135.0	50.10	141.3	53.34
	46	70.80	26.55	89.10	33.54	109.2	42.15	117.6	46.14	126.9	50.94	135.0	55.32	141.3	58.98
	48	70.80	28.38	89.10	35.82	109.2	44.97	117.6	49.26	126.9	54.42	135.0	59.19	137.4	60.57
	50	70.80	30.33	89.10	38.22	109.2	48.00	117.6	52.59	124.8	56.91	124.8	56.79	124.8	56.88
	52	70.80	32.40	89.10	40.80	109.2	51.24	109.8	50.52	110.4	49.65	111.0	48.87	111.3	48.27
60	10	60.60	5.76	76.50	8.16	93.60	9.84	100.8	10.35	108.9	10.98	115.8	11.61	121.2	12.15
	12	60.60	8.07	76.50	9.30	93.60	10.47	100.8	11.07	108.9	11.85	115.8	12.57	121.2	13.20
	14	60.60	8.43	76.50	9.78	93.60	11.19	100.8	11.91	108.9	12.81	115.8	13.65	121.2	14.37
	16	60.60	8.85	76.50	10.35	93.60	12.03	100.8	12.87	108.9	13.89	115.8	14.88	121.2	15.69
	18	60.60	9.33	76.50	11.01	93.60	12.96	100.8	13.92	108.9	15.12	115.8	16.26	121.2	17.19
	20	60.60	9.87	76.50	11.76	93.60	14.04	100.8	15.15	108.9	16.50	115.8	17.76	121.2	18.84
	21	60.60	10.17	76.50	12.18	93.60	14.61	100.8	15.78	108.9	17.25	115.8	18.60	121.2	19.74
	23	60.60	10.83	76.50	13.08	93.60	15.87	100.8	17.22	108.9	18.87	115.8	20.40	121.2	21.66
	25	60.60	11.58	76.50	14.13	93.60	17.31	100.8	18.81	108.9	20.67	115.8	22.38	121.2	23.79
	27	60.60	12.45	76.50	15.30	93.60	18.90	100.8	20.61	108.9	22.68	115.8	24.54	121.2	25.95
	29	60.60	13.44	76.50	16.62	93.60	20.49	100.8	22.23	108.9	24.30	115.8	26.16	121.2	27.66
	31	60.60	14.49	76.50	17.76	93.60	21.78	100.8	23.67	108.9	25.89	115.8	27.87	121.2	29.49
	33	60.60	15.33	76.50	18.87	93.60	23.19	100.8	25.20	108.9	27.60	115.8	29.73	121.2	31.47
	35	60.60	16.26	76.50	20.07	93.60	24.72	100.8	26.88	108.9	29.43	115.8	31.71	121.2	33.57
	37	60.60	17.28	76.50	21.36	93.60	26.37	100.8	28.65	108.9	31.38	115.8	33.81	121.2	35.79
	39	60.60	18.39	76.50	22.80	93.60	28.14	100.8	30.57	108.9	33.48	115.8	36.09	121.2	38.19
	41	60.60	19.62	76.50	24.30	93.60	30.03	100.8	32.64	108.9	35.73	115.8	38.49	121.2	40.74
	43	60.60	20.94	76.50	25.95	93.60	32.04	100.8	34.83	108.9	38.10	115.8	41.07	121.2	43.47
	46	60.60	23.13	76.50	28.65	93.60	35.34	100.8	38.37	108.9	42.00	115.8	45.27	121.2	47.94
	48	60.60	24.72	76.50	30.60	93.60	37.71	100.8	40.95	108.9	44.82	115.8	48.30	121.2	51.18
	50	60.60	26.43	76.50	32.70	93.60	40.23	100.8	43.71	108.9	47.85	115.8	51.60	121.2	54.69
	52	60.60	28.29	76.50	34.92	93.60	42.93	100.8	46.65	108.9	51.09	109.8	50.58	110.1	49.98
50	10	50.40	4.44	63.60	6.21	78.00	8.40	84.00	9.27	90.60	9.66	96.60	10.05	101.1	10.35
	12	50.40	7.02	63.60	8.34	78.00	9.39	84.00	9.78	90.60	10.26	96.60	10.71	101.1	11.10
	14	50.40	7.53	63.60	8.73	78.00	9.90	84.00	10.35	90.60	10.95	96.60	11.49	101.1	11.94
	16	50.40	7.86	63.60	9.18	78.00	10.47	84.00	11.04	90.60	11.73	96.60	12.36	101.1	12.90
	18	50.40	8.22	63.60	9.66	78.00	11.16	84.00	11.82	90.60	12.60	96.60	13.35	101.1	13.95
	20	50.40	8.64	63.60	10.26	78.00	11.94	84.00	12.69	90.60	13.62	96.60	14.46	101.1	15.18
	21	50.40	8.88	63.60	10.56	78.00	12.36	84.00	13.17	90.60	14.16	96.60	15.06	101.1	15.84
	23	50.40	9.42	63.60	11.28	78.00	13.32	84.00	14.25	90.60	15.36	96.60	16.41	101.1	17.28
	25	50.40	10.02	63.60	12.09	78.00	14.37	84.00	15.45	90.60	16.74	96.60	17.91	101.1	18.87
	27	50.40	10.71	63.60	13.02	78.00	15.60	84.00	16.80	90.60	18.24	96.60	19.56	101.1	20.64
	29	50.40	11.49	63.60	14.07	78.00	16.95	84.00	18.30	90.60	19.83	96.60	21.18	101.1	22.26
	31	50.40	12.36	63.60	15.15	78.00	18.09	84.00	19.47	90.60	21.09	96.60	22.53	101.1	23.70
	33	50.40	13.11	63.60	16.02	78.00	19.23	84.00	20.70	90.60	22.44	96.60	24.00	101.1	25.26
	35	50.40	13.86	63.60	16.98	78.00	20.46	84.00	22.05	90.60	23.91	96.60	25.59	101.1	26.94
	37	50.40	14.67	63.60	18.06	78.00	21.78	84.00	23.49	90.60	25.50	96.60	27.27	101.1	28.74
	39	50.40	15.60	63.60	19.23	78.00	23.22	84.00	25.05	90.60	27.21	96.60	29.10	101.1	30.66
	41	50.40	16.62	63.60	20.49	78.00	24.78	84.00	26.73	90.60	29.01	96.60	31.05	101.1	32.70
	43	50.40	17.73	63.60	21.87	78.00	26.46	84.00	28.53	90.60	30.99	96.60	33.15	101.1	34.89
	46	50.40	19.62	63.60	24.18	78.00	29.22	84.00	31.50	90.60	34.17	96.60	36.54	101.1	38.46
	48	50.40	21.06	63.60	25.83	78.00	31.20	84.00	33.63	90.60	36.45	96.60	39.00	101.1	41.04
	50	50.40	22.65	63.60	27.63	78.00	33.33	84.00	35.88	90.60	38.91	96.60	41.61	101.1	43.80
	52	50.40	24.39	63.60	29.55	78.00	35.58	84.00	38.31	90.60	41.55	96.60	44.40	101.1	46.77

27. ARUM600LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

27. ARUM600LTE6

27.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	35.70	2.40	57.30	3.84	81.30	5.49	87.00	5.91	92.70	6.33	98.70	6.78	105.0	7.35
	12	35.70	2.40	57.30	3.84	81.30	5.55	87.00	5.97	92.70	6.39	98.70	6.84	105.0	7.47
	14	35.70	2.40	57.30	3.87	81.30	5.64	87.00	6.06	92.70	6.51	98.70	6.99	105.0	7.65
	16	35.70	2.40	57.30	3.93	81.30	5.79	87.00	6.24	92.70	6.72	98.70	7.26	105.0	8.04
	18	35.70	2.43	57.30	4.05	81.30	6.09	87.00	6.63	92.70	7.20	98.70	7.86	105.0	8.85
	20	35.70	2.52	57.30	4.32	81.30	6.90	87.00	7.62	92.70	8.40	98.70	9.30	105.0	10.83
	21	40.50	3.18	61.80	5.52	85.50	9.33	91.20	9.84	96.90	10.41	102.6	11.01	108.3	11.94
	23	49.80	7.20	71.10	9.00	94.50	11.52	99.90	12.18	105.3	12.90	110.1	13.56	115.5	14.64
	25	59.70	8.94	80.40	11.19	103.8	14.46	108.6	15.27	114.0	16.14	117.9	16.86	122.7	18.12
	27	69.60	11.34	90.00	14.13	113.1	18.33	117.9	19.32	122.7	20.28	126.0	20.94	137.1	23.85
	29	79.80	14.58	99.60	17.85	122.7	22.59	127.2	23.61	132.0	24.72	139.8	26.67	162.0	33.57
	31	90.30	18.30	109.8	22.11	132.6	27.78	136.8	28.92	148.5	32.31	165.6	37.62	187.2	46.56
	33	101.1	22.95	120.0	27.39	142.5	34.17	156.9	38.97	174.6	45.54	191.1	52.26	212.1	64.05
	35	112.2	28.83	130.8	33.99	167.4	47.73	183.0	54.78	200.7	63.54	216.6	71.58	237.3	81.87
	37	112.2	30.78	130.8	36.30	167.4	50.97	183.0	58.53	200.7	68.10	216.6	76.02	221.1	79.68
	39	112.2	32.85	130.8	38.73	167.4	54.45	183.0	62.64	200.7	73.14	207.3	76.56	204.9	77.16
	41	112.2	35.07	130.8	41.34	167.4	58.23	183.0	67.17	191.7	72.54	191.7	72.57	189.3	73.53
	43	112.2	37.44	130.8	44.13	167.4	62.34	176.7	67.98	176.4	67.92	176.4	67.92	174.6	68.97
	46	112.2	41.28	130.8	48.66	155.4	61.83	155.4	61.83	155.1	61.74	155.4	61.83	153.3	62.52
	48	112.2	44.07	130.8	51.99	141.9	58.05	142.2	58.23	141.9	58.08	141.6	57.99	140.1	58.74
	50	112.2	47.04	129.3	54.66	129.0	54.60	129.0	54.69	129.0	54.63	128.7	54.54	127.2	55.26
	52	110.4	48.99	111.9	45.96	113.7	43.62	114.0	43.17	114.6	42.66	114.9	42.21	115.2	42.45
120	10	33.00	2.22	52.80	3.54	75.00	5.07	80.10	5.43	85.50	5.82	91.20	6.21	96.90	6.69
	12	33.00	2.22	52.80	3.54	75.00	5.10	80.10	5.49	85.50	5.85	91.20	6.27	96.90	6.78
	14	33.00	2.22	52.80	3.57	75.00	5.16	80.10	5.55	85.50	5.97	91.20	6.39	96.90	6.93
	16	33.00	2.22	52.80	3.60	75.00	5.28	80.10	5.70	85.50	6.12	91.20	6.60	96.90	7.23
	18	33.00	2.25	52.80	3.69	75.00	5.52	80.10	6.00	85.50	6.51	91.20	7.05	96.90	7.89
	20	33.00	2.31	52.80	3.90	75.00	6.15	80.10	6.78	85.50	7.44	91.20	8.19	96.90	9.60
	21	37.20	2.85	57.00	4.89	78.90	8.25	84.30	9.21	89.40	9.69	94.50	10.17	100.2	10.98
	23	46.20	6.87	65.40	8.46	87.30	10.68	92.10	11.22	97.20	11.85	101.7	12.42	106.5	13.35
	25	55.20	8.46	74.10	10.44	95.70	13.26	100.5	13.95	105.3	14.70	108.9	15.30	113.1	16.41
	27	64.20	10.59	83.10	13.05	104.4	16.65	108.9	17.49	113.4	18.39	116.4	19.02	126.6	21.57
	29	73.80	13.50	92.10	16.44	113.1	20.55	117.3	21.42	121.8	22.38	129.3	24.09	149.7	30.00
	31	83.40	16.92	101.4	20.22	122.4	25.11	126.3	26.10	137.1	29.01	152.7	33.57	172.8	41.22
	33	93.30	21.03	111.0	24.90	131.7	30.75	144.9	34.89	161.4	40.50	176.4	46.20	195.9	56.07
	35	103.5	26.25	120.6	30.72	154.5	42.54	168.9	48.48	185.4	55.80	199.8	63.06	219.0	74.07
	37	103.5	28.02	120.6	32.79	154.5	45.42	168.9	51.78	185.4	59.67	199.8	67.53	219.0	78.72
	39	103.5	29.91	120.6	35.01	154.5	48.48	168.9	55.32	185.4	63.87	199.8	72.54	204.9	77.16
	41	103.5	31.92	120.6	37.38	154.5	51.78	168.9	59.16	185.4	68.49	191.7	72.51	189.3	73.53
	43	103.5	34.08	120.6	39.90	154.5	55.32	168.9	63.36	176.7	67.95	176.7	67.95	174.6	68.85
	46	103.5	37.62	120.6	43.98	154.5	61.23	155.4	61.80	155.1	61.74	155.1	61.74	153.3	62.58
	48	103.5	40.14	120.6	46.95	141.9	58.14	141.9	58.14	141.9	58.08	141.6	57.96	140.1	58.80
	50	103.5	42.84	120.6	50.13	129.0	54.60	129.0	54.60	129.3	54.72	129.0	54.57	127.5	55.26
	52	103.5	45.75	111.3	46.92	113.1	44.58	113.4	44.10	113.7	43.62	114.0	43.26	114.3	43.59
110	10	30.30	2.01	48.60	3.24	68.70	4.62	73.50	4.95	78.30	5.31	83.40	5.67	88.80	6.09
	12	30.30	2.01	48.60	3.24	68.70	4.65	73.50	5.01	78.30	5.34	83.40	5.70	88.80	6.18
	14	30.30	2.01	48.60	3.27	68.70	4.71	73.50	5.04	78.30	5.43	83.40	5.79	88.80	6.27
	16	30.30	2.04	48.60	3.30	68.70	4.80	73.50	5.16	78.30	5.55	83.40	5.97	88.80	6.51
	18	30.30	2.04	48.60	3.36	68.70	4.98	73.50	5.40	78.30	5.85	83.40	6.30	88.80	7.02

27. ARUM600LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	30.30	2.07	48.60	3.51	68.70	5.46	73.50	6.00	78.30	6.57	83.40	7.20	88.80	8.31
	21	34.20	2.55	52.20	4.32	72.30	7.11	77.10	7.92	81.90	8.82	86.70	9.42	91.80	10.11
	23	42.30	6.57	60.00	7.98	80.10	9.90	84.60	10.38	89.10	10.89	93.30	11.34	97.80	12.18
	25	50.40	7.98	68.10	9.72	87.60	12.15	92.10	12.72	96.30	13.35	99.90	13.86	103.8	14.82
	27	58.80	9.87	76.20	12.03	95.70	15.09	99.60	15.81	103.8	16.56	106.8	17.10	116.1	19.41
	29	67.50	12.45	84.30	15.06	103.8	18.66	107.7	19.41	111.6	20.22	118.5	21.66	137.1	26.70
	31	76.50	15.60	93.00	18.42	112.2	22.65	115.8	23.49	125.7	25.98	140.1	29.85	158.4	36.30
	33	85.50	19.23	101.7	22.53	120.6	27.57	132.9	31.08	147.9	35.85	161.7	40.65	179.4	48.87
	35	94.80	23.82	110.7	27.66	141.6	37.74	154.8	42.75	169.8	48.84	183.3	54.78	200.7	65.55
	37	94.80	25.41	110.7	29.52	141.6	40.29	154.8	45.63	169.8	52.17	183.3	58.56	200.7	70.32
	39	94.80	27.12	110.7	31.53	141.6	42.99	154.8	48.72	169.8	55.74	183.3	62.67	200.7	75.12
	41	94.80	28.98	110.7	33.66	141.6	45.90	154.8	52.02	169.8	59.61	183.3	67.20	189.6	73.56
	43	94.80	30.93	110.7	35.94	141.6	48.99	154.8	55.62	169.8	63.84	176.7	67.95	174.6	68.88
	46	94.80	34.14	110.7	39.63	141.6	54.09	154.8	61.56	155.4	61.86	155.4	61.80	153.3	62.58
	48	94.80	36.45	110.7	42.30	141.6	57.84	141.9	57.99	141.9	58.11	141.9	58.02	140.1	58.71
	50	94.80	38.91	110.7	45.12	129.3	54.69	129.3	54.69	129.0	54.63	129.0	54.57	127.5	55.26
	52	94.80	41.55	110.7	48.12	112.2	45.72	112.5	45.27	112.8	44.76	112.2	44.34	113.7	44.34
100	10	27.60	1.83	44.10	2.94	62.40	4.20	66.90	4.50	71.40	4.80	75.90	5.13	80.70	5.52
	12	27.60	1.83	44.10	2.94	62.40	4.20	66.90	4.53	71.40	4.83	75.90	5.16	80.70	5.58
	14	27.60	1.83	44.10	2.94	62.40	4.26	66.90	4.56	71.40	4.89	75.90	5.22	80.70	5.64
	16	27.60	1.83	44.10	2.97	62.40	4.32	66.90	4.65	71.40	4.98	75.90	5.34	80.70	5.82
	18	27.60	1.86	44.10	3.03	62.40	4.44	66.90	4.83	71.40	5.19	75.90	5.61	80.70	6.18
	20	27.60	1.89	44.10	3.15	62.40	4.83	66.90	5.28	71.40	5.73	75.90	6.27	80.70	7.17
	21	31.20	2.28	47.70	3.78	66.00	6.09	70.20	6.75	74.40	7.47	78.90	8.22	83.40	9.33
	23	38.40	6.24	54.60	7.47	72.60	9.15	76.80	9.57	81.00	9.99	84.60	10.41	88.80	11.07
	25	45.90	7.50	61.80	9.03	79.80	11.10	83.70	11.61	87.60	12.12	90.90	12.54	94.20	13.35
	27	53.40	9.18	69.30	11.04	87.00	13.65	90.60	14.25	94.50	14.91	96.90	15.33	105.3	17.25
	29	61.50	11.46	76.80	13.71	94.20	16.86	97.80	17.49	101.4	18.21	107.7	19.41	124.8	23.64
	31	69.60	14.31	84.60	16.74	102.0	20.34	105.0	21.03	114.3	23.16	127.2	26.40	144.0	31.83
	33	77.70	17.52	92.40	20.34	109.8	24.60	120.6	27.57	134.4	31.56	147.0	35.58	163.2	42.42
	35	86.40	21.51	100.5	24.78	128.7	33.30	140.7	37.50	154.5	42.54	166.5	47.43	182.4	56.13
	37	86.40	22.95	100.5	26.46	128.7	35.55	140.7	40.02	154.5	45.42	166.5	50.64	182.4	60.03
	39	86.40	24.51	100.5	28.23	128.7	37.95	140.7	42.72	154.5	48.48	166.5	54.09	182.4	64.26
	41	86.40	26.16	100.5	30.15	128.7	40.50	140.7	45.60	154.5	51.78	166.5	57.84	182.4	68.94
	43	86.40	27.96	100.5	32.22	128.7	43.23	140.7	48.69	154.5	55.35	166.5	61.89	174.9	69.03
	46	86.40	30.87	100.5	35.55	128.7	47.67	140.7	53.73	154.5	61.26	155.4	61.86	153.3	62.49
	48	86.40	32.97	100.5	37.95	128.7	50.91	140.7	57.45	141.9	58.08	141.6	57.99	140.1	58.71
	50	86.40	35.22	100.5	40.50	128.7	54.36	129.3	54.66	129.0	54.63	129.3	54.72	127.2	55.17
	52	86.40	37.62	100.5	43.23	111.0	47.07	111.9	46.35	112.2	45.57	112.8	44.88	113.1	44.88
90	10	24.90	1.65	39.60	2.64	56.10	3.75	60.30	4.05	64.20	4.32	68.40	4.59	72.60	4.95
	12	24.90	1.65	39.60	2.64	56.10	3.78	60.30	4.05	64.20	4.32	68.40	4.62	72.60	4.98
	14	24.90	1.65	39.60	2.64	56.10	3.81	60.30	4.08	64.20	4.38	68.40	4.68	72.60	5.04
	16	24.90	1.65	39.60	2.67	56.10	3.84	60.30	4.14	64.20	4.44	68.40	4.77	72.60	5.16
	18	24.90	1.65	39.60	2.70	56.10	3.96	60.30	4.26	64.20	4.59	68.40	4.95	72.60	5.43
	20	24.90	1.68	39.60	2.79	56.10	4.20	60.30	4.59	64.20	4.98	68.40	5.43	72.60	6.15
	21	27.90	1.98	42.90	3.27	59.40	5.16	63.00	5.70	66.90	6.27	70.80	6.87	75.00	8.28
	23	34.50	5.94	49.20	7.02	65.40	8.46	69.00	8.82	72.90	9.18	76.20	9.51	79.80	10.11
	25	41.40	7.05	55.50	8.37	71.70	10.14	75.30	10.56	78.90	11.01	81.60	11.37	84.90	12.03
	27	48.30	8.52	62.10	10.11	78.30	12.33	81.60	12.84	84.90	13.35	87.30	13.71	94.80	15.33
	29	55.20	10.50	69.00	12.42	84.90	15.18	87.90	15.75	91.20	16.32	96.90	17.34	112.2	20.85
	31	62.40	13.05	75.90	15.18	91.80	18.18	94.50	18.78	102.9	20.52	114.6	23.22	129.6	27.72

27. ARUM600LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	69.90	15.93	83.10	18.27	98.70	21.84	108.6	24.33	120.9	27.63	132.3	30.93	147.0	36.54
	35	77.70	19.38	90.60	22.11	115.8	29.19	126.9	32.67	138.9	36.84	150.0	40.80	164.1	47.85
	37	77.70	20.64	90.60	23.58	115.8	31.17	126.9	34.89	138.9	39.30	150.0	43.56	164.1	51.09
	39	77.70	22.02	90.60	25.17	115.8	33.27	126.9	37.23	138.9	41.97	150.0	46.50	164.1	54.57
	41	77.70	23.52	90.60	26.88	115.8	35.52	126.9	39.75	138.9	44.79	150.0	49.65	164.1	58.35
	43	77.70	25.14	90.60	28.74	115.8	37.92	126.9	42.42	138.9	47.82	150.0	53.04	164.1	62.46
	46	77.70	27.78	90.60	31.71	115.8	41.82	126.9	46.77	138.9	52.77	150.0	58.62	153.6	62.61
	48	77.70	29.70	90.60	33.87	115.8	44.64	126.9	49.95	138.9	56.40	141.9	58.08	140.4	58.86
	50	77.70	31.74	90.60	36.18	115.8	47.64	126.9	53.34	129.0	54.60	129.0	54.66	127.5	55.32
	52	77.70	33.90	90.60	38.64	110.7	47.79	111.3	47.04	111.9	46.26	112.2	45.54	112.8	45.57
80	10	21.90	1.47	35.40	2.34	50.10	3.33	53.40	3.57	57.00	3.81	60.60	4.08	64.50	4.38
	12	21.90	1.47	35.40	2.34	50.10	3.33	53.40	3.60	57.00	3.84	60.60	4.08	64.50	4.41
	14	21.90	1.47	35.40	2.34	50.10	3.36	53.40	3.60	57.00	3.87	60.60	4.11	64.50	4.44
	16	21.90	1.47	35.40	2.34	50.10	3.39	53.40	3.66	57.00	3.90	60.60	4.17	64.50	4.53
	18	21.90	1.47	35.40	2.37	50.10	3.45	53.40	3.72	57.00	4.02	60.60	4.32	64.50	4.71
	20	21.90	1.47	35.40	2.43	50.10	3.63	53.40	3.96	57.00	4.29	60.60	4.65	64.50	5.22
	21	24.90	1.74	38.10	2.82	52.80	4.35	56.10	4.77	59.70	5.22	63.00	5.67	66.60	6.75
	23	30.60	5.64	43.80	6.57	58.20	7.80	61.50	8.10	64.80	8.40	67.80	8.67	71.10	9.18
	25	36.60	6.60	49.50	7.74	63.90	9.24	66.90	9.60	70.20	9.96	72.60	10.26	75.60	10.80
	27	42.90	7.89	55.20	9.24	69.60	11.10	72.60	11.52	75.60	11.94	77.70	12.24	84.30	13.56
	29	49.20	9.60	61.50	11.22	75.60	13.50	78.30	13.98	81.30	14.49	86.10	15.39	99.90	18.30
	31	55.50	11.82	67.50	13.65	81.60	16.20	84.00	16.68	91.50	18.12	102.0	20.31	115.2	23.97
	33	62.10	14.34	73.80	16.35	87.90	19.29	96.60	21.33	107.4	24.03	117.6	26.70	130.5	31.23
	35	69.00	17.37	80.40	19.62	102.9	25.44	112.8	28.26	123.6	31.62	133.2	34.83	145.8	40.47
	37	69.00	18.48	80.40	20.91	102.9	27.15	112.8	30.18	123.6	33.75	133.2	37.17	145.8	43.17
	39	69.00	19.71	80.40	22.32	102.9	28.98	112.8	32.22	123.6	36.03	133.2	39.69	145.8	46.11
	41	69.00	21.06	80.40	23.85	102.9	30.96	112.8	34.38	123.6	38.46	133.2	42.36	145.8	49.23
	43	69.00	22.50	80.40	25.47	102.9	33.06	112.8	36.72	123.6	41.07	133.2	45.21	145.8	52.56
	46	69.00	24.87	80.40	28.14	102.9	36.48	112.8	40.47	123.6	45.27	133.2	49.86	145.8	58.14
	48	69.00	26.58	80.40	30.09	102.9	38.94	112.8	43.20	123.6	48.33	133.2	53.28	140.4	58.83
	50	69.00	28.44	80.40	32.16	102.9	41.55	112.8	46.11	123.6	51.60	129.0	54.63	127.5	55.23
	52	69.00	30.42	80.40	34.35	102.9	44.34	110.7	47.97	111.3	47.16	111.6	46.41	112.2	46.44
70	10	19.20	1.29	30.90	2.04	43.80	2.91	46.80	3.12	49.80	3.33	53.10	3.54	56.40	3.81
	12	19.20	1.29	30.90	2.04	43.80	2.91	46.80	3.12	49.80	3.33	53.10	3.57	56.40	3.84
	14	19.20	1.29	30.90	2.04	43.80	2.94	46.80	3.15	49.80	3.36	53.10	3.57	56.40	3.87
	16	19.20	1.29	30.90	2.04	43.80	2.94	46.80	3.15	49.80	3.39	53.10	3.63	56.40	3.90
	18	19.20	1.29	30.90	2.07	43.80	3.00	46.80	3.21	49.80	3.45	53.10	3.69	56.40	4.05
	20	19.20	1.29	30.90	2.10	43.80	3.12	46.80	3.36	49.80	3.63	53.10	3.93	56.40	4.35
	21	21.90	1.50	33.30	2.40	46.20	3.60	49.20	3.93	52.20	4.29	55.20	4.65	58.50	5.40
	23	27.00	5.10	38.10	6.15	51.00	7.17	53.70	7.41	56.70	7.68	59.40	7.89	62.10	8.31
	25	32.10	6.18	43.20	7.11	55.80	8.37	58.50	8.67	61.50	8.97	63.60	9.21	66.00	9.69
	27	37.50	7.26	48.30	8.40	60.90	9.93	63.30	10.29	66.00	10.65	67.80	10.86	73.80	11.94
	29	42.90	8.70	53.70	10.05	66.00	11.94	68.40	12.33	71.10	12.75	75.30	13.47	87.30	15.96
	31	48.60	10.62	59.10	12.21	71.40	14.34	73.50	14.76	80.10	15.90	89.10	17.67	100.8	20.58
	33	54.30	12.78	64.80	14.52	76.80	16.95	84.60	18.57	94.20	20.73	102.9	22.83	114.3	26.46
	35	60.30	15.42	70.50	17.31	90.00	21.99	98.70	24.24	108.0	26.91	116.7	29.43	127.8	33.87
	37	60.30	16.41	70.50	18.42	90.00	23.46	98.70	25.86	108.0	28.74	116.7	31.41	127.8	36.15
	39	60.30	17.49	70.50	19.65	90.00	25.05	98.70	27.63	108.0	30.66	116.7	33.54	127.8	38.58
	41	60.30	18.69	70.50	21.00	90.00	26.76	98.70	29.49	108.0	32.76	116.7	35.82	127.8	41.19
	43	60.30	20.01	70.50	22.44	90.00	28.56	98.70	31.50	108.0	34.98	116.7	38.22	127.8	43.98
	46	60.30	22.11	70.50	24.81	90.00	31.56	98.70	34.77	108.0	38.55	116.7	42.15	127.8	48.51

27. ARUM600LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	60.30	23.67	70.50	26.52	90.00	33.69	98.70	37.11	108.0	41.16	116.7	45.00	127.8	51.81
	50	60.30	25.32	70.50	28.38	90.00	36.00	98.70	39.63	108.0	43.92	116.7	48.03	127.5	55.26
	52	60.30	27.12	70.50	30.33	90.00	38.43	98.70	42.30	108.0	46.89	111.0	47.61	111.3	47.61
60	10	16.50	1.11	26.40	1.74	37.50	2.49	40.20	2.67	42.90	2.85	45.60	3.03	48.30	3.27
	12	16.50	1.11	26.40	1.74	37.50	2.49	40.20	2.67	42.90	2.85	45.60	3.03	48.30	3.27
	14	16.50	1.08	26.40	1.74	37.50	2.49	40.20	2.67	42.90	2.85	45.60	3.06	48.30	3.27
	16	16.50	1.08	26.40	1.74	37.50	2.52	40.20	2.70	42.90	2.88	45.60	3.06	48.30	3.30
	18	16.50	1.08	26.40	1.77	37.50	2.52	40.20	2.73	42.90	2.91	45.60	3.12	48.30	3.39
	20	16.50	1.08	26.40	1.77	37.50	2.61	40.20	2.82	42.90	3.03	45.60	3.27	48.30	3.60
	21	18.60	1.26	28.50	1.98	39.60	2.94	42.00	3.21	44.70	3.48	47.40	3.75	50.10	4.26
	23	23.10	3.60	32.70	5.37	43.50	6.57	46.20	6.78	48.60	6.96	50.70	7.17	53.40	7.50
	25	28.80	5.91	37.20	6.54	48.00	7.56	50.10	7.80	52.50	8.04	54.60	8.25	56.70	8.61
	27	32.10	6.69	41.40	7.59	52.20	8.85	54.30	9.12	56.70	9.42	58.20	9.60	63.30	10.47
	29	36.90	7.89	45.90	8.97	56.70	10.50	58.80	10.80	60.90	11.13	64.50	11.73	74.70	13.71
	31	41.70	9.45	50.70	10.74	61.20	12.54	63.00	12.87	68.40	13.83	76.50	15.24	86.40	17.52
	33	46.50	11.31	55.50	12.72	65.70	14.73	72.30	16.08	80.70	17.73	88.20	19.38	97.80	22.17
	35	51.90	13.47	60.30	15.06	77.10	18.84	84.60	20.58	92.70	22.65	99.90	24.60	109.5	28.02
	37	51.90	14.31	60.30	16.02	77.10	20.07	84.60	21.96	92.70	24.18	99.90	26.25	109.5	29.91
	39	51.90	15.21	60.30	17.07	77.10	21.42	84.60	23.43	92.70	25.80	99.90	28.02	109.5	31.92
	41	51.90	16.20	60.30	18.24	77.10	22.89	84.60	25.05	92.70	27.57	99.90	29.94	109.5	34.08
	43	51.90	17.28	60.30	19.53	77.10	24.45	84.60	26.76	92.70	29.46	99.90	31.98	109.5	36.39
	46	51.90	19.14	60.30	21.66	77.10	27.03	84.60	29.55	92.70	32.52	99.90	35.28	109.5	40.11
	48	51.90	20.55	60.30	23.19	77.10	28.89	84.60	31.59	92.70	34.71	99.90	37.65	109.5	42.81
	50	51.90	22.08	60.30	24.84	77.10	30.90	84.60	33.75	92.70	37.08	99.90	40.20	109.5	45.72
	52	51.90	23.79	60.30	26.58	77.10	33.03	84.60	36.03	92.70	39.57	99.90	42.90	109.5	48.81
50	10	13.80	1.05	22.20	1.47	31.20	2.07	33.30	2.22	35.70	2.37	38.10	2.52	40.50	2.70
	12	13.80	1.05	22.20	1.47	31.20	2.07	33.30	2.22	35.70	2.37	38.10	2.52	40.50	2.70
	14	13.80	1.05	22.20	1.47	31.20	2.07	33.30	2.22	35.70	2.37	38.10	2.52	40.50	2.73
	16	13.80	1.05	22.20	1.44	31.20	2.07	33.30	2.22	35.70	2.37	38.10	2.55	40.50	2.73
	18	13.80	1.05	22.20	1.47	31.20	2.10	33.30	2.25	35.70	2.40	38.10	2.58	40.50	2.79
	20	13.80	1.05	22.20	1.47	31.20	2.13	33.30	2.28	35.70	2.46	38.10	2.64	40.50	2.88
	21	15.60	1.02	23.70	1.62	33.00	2.37	35.10	2.55	37.20	2.73	39.30	2.94	41.70	3.30
	23	19.20	2.43	27.30	3.63	36.30	6.00	38.40	6.15	40.50	6.33	42.30	6.48	44.40	6.72
	25	27.60	5.97	30.90	6.00	39.90	6.81	41.70	6.99	43.80	7.17	45.30	7.32	47.10	7.62
	27	27.30	6.21	34.50	6.84	43.50	7.83	45.30	8.04	47.10	8.25	48.60	8.40	52.80	9.09
	29	30.60	7.08	38.40	7.95	47.10	9.12	48.90	9.39	50.70	9.63	53.70	10.08	62.40	11.61
	31	34.80	8.34	42.30	9.36	51.00	10.80	52.50	11.07	57.00	11.85	63.60	12.99	72.00	14.79
	33	39.00	9.90	46.20	11.01	54.90	12.60	60.30	13.65	67.20	15.00	73.50	16.26	81.60	18.36
	35	43.20	11.64	50.40	12.90	64.20	15.96	70.50	17.31	77.10	18.84	83.40	20.28	91.20	22.80
	37	43.20	12.30	50.40	13.65	64.20	17.01	70.50	18.42	77.10	20.10	83.40	21.63	91.20	24.33
	39	43.20	13.02	50.40	14.49	64.20	18.15	70.50	19.65	77.10	21.45	83.40	23.10	91.20	25.98
	41	43.20	13.83	50.40	15.45	64.20	19.35	70.50	21.00	77.10	22.89	83.40	24.66	91.20	27.75
	43	43.20	14.70	50.40	16.47	64.20	20.70	70.50	22.44	77.10	24.45	83.40	26.34	91.20	29.64
	46	43.20	16.20	50.40	18.21	64.20	22.89	70.50	24.81	77.10	27.03	83.40	29.10	91.20	32.73
	48	43.20	17.34	50.40	19.53	64.20	24.48	70.50	26.52	77.10	28.92	83.40	31.11	91.20	34.95
	50	43.20	18.57	50.40	20.97	64.20	26.22	70.50	28.38	77.10	30.90	83.40	33.24	91.20	37.32
	52	43.20	19.92	50.40	22.56	64.20	28.05	70.50	30.36	77.10	33.03	83.40	35.52	91.20	39.84

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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27.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	112.8	52.53	111.9	52.98	111.0	53.43	110.7	53.64	110.4	53.88	109.5	54.30
	-24.8	-25	131.1	55.23	130.2	55.74	129.3	56.22	128.7	56.46	128.4	56.73	127.5	57.21
	-21.8	-22	142.5	56.79	141.6	57.33	140.7	57.84	140.1	58.11	139.8	58.35	138.6	58.86
	-19.8	-20	150.6	57.84	149.7	58.38	148.5	58.92	147.9	59.19	147.6	59.46	146.7	60.00
	-18.8	-19	154.8	58.35	153.6	58.92	152.7	59.49	152.1	59.76	151.5	60.03	150.6	60.54
	-16.7	-17	163.2	59.43	162.3	60.00	161.1	60.57	160.5	60.87	160.2	61.14	159.0	61.68
	-15	-15.9	168.6	60.03	167.4	60.63	166.2	61.23	165.6	61.50	165.0	61.80	164.1	62.34
	-13.7	-15	172.8	60.57	171.6	61.17	170.7	61.77	170.1	62.07	169.5	62.37	168.6	62.94
	-11.8	-13	181.8	61.62	180.6	62.25	179.4	62.85	178.8	63.15	178.2	63.45	177.0	64.05
	-9.8	-11	191.7	62.73	190.2	63.36	189.0	63.99	188.4	64.29	187.8	64.59	186.6	65.19
	-9.5	-10	196.2	63.24	195.0	63.87	193.8	64.53	193.2	64.83	192.3	65.16	191.1	65.76
	-8.5	-9.1	201.0	63.75	199.5	64.41	198.3	65.04	197.7	65.37	197.1	65.67	195.6	66.30
	-7	-7.6	208.8	64.59	207.6	65.28	206.1	65.94	205.5	66.24	204.6	66.57	203.4	67.20
	-5	-5.6	219.9	65.76	218.4	66.45	216.9	67.11	216.3	67.44	215.4	67.77	213.9	68.43
	-3	-3.7	230.7	66.87	229.2	67.59	227.7	68.28	226.8	68.61	226.2	68.97	215.1	65.19
	0	-0.7	248.7	68.70	246.9	69.42	245.4	70.14	237.9	67.62	230.4	65.01	215.1	59.85
	3	2.2	266.7	70.47	261.0	69.57	245.7	64.62	237.9	62.22	230.4	59.82	215.1	55.14
	5	4.1	276.3	70.59	261.0	65.85	245.7	61.20	237.9	58.95	230.4	56.70	215.1	52.29
	7	6	276.3	66.78	261.0	62.31	245.7	57.96	237.9	55.83	230.4	53.70	215.1	49.56
	9	7.9	276.3	63.03	261.0	58.83	245.7	54.72	237.9	52.71	230.4	50.73	215.1	46.83
	11	9.8	276.3	59.40	261.0	55.47	245.7	51.63	237.9	49.74	230.4	47.91	215.1	44.25
	13	11.8	276.3	55.74	261.0	52.08	245.7	48.54	237.9	46.77	230.4	45.06	215.1	41.67
	15	13.7	276.3	52.44	261.0	49.05	245.7	45.72	237.9	44.10	230.4	42.48	215.1	39.33
120	-30	-30.2	112.2	52.77	111.3	53.22	110.7	53.67	110.4	53.88	109.8	54.09	109.2	54.54
	-24.8	-25	130.5	55.56	129.6	56.04	128.7	56.55	128.1	56.79	127.8	57.03	126.9	57.51
	-21.8	-22	141.9	57.18	141.0	57.69	139.8	58.20	139.5	58.47	138.9	58.71	138.0	59.22
	-19.8	-20	149.7	58.26	148.8	58.80	147.9	59.34	147.3	59.61	146.7	59.85	145.8	60.39
	-18.8	-19	153.9	58.80	153.0	59.34	151.8	59.91	151.2	60.18	150.9	60.42	149.7	60.96
	-16.7	-17	162.3	59.91	161.4	60.48	160.2	61.05	159.6	61.32	159.3	61.59	158.1	62.13
	-15	-15.9	167.4	60.54	166.5	61.14	165.3	61.71	164.7	61.98	164.1	62.28	163.2	62.82
	-13.7	-15	171.9	61.11	170.7	61.71	169.8	62.28	169.2	62.58	168.6	62.85	167.7	63.42
	-11.8	-13	180.9	62.19	179.7	62.82	178.5	63.42	177.9	63.69	177.3	63.99	176.1	64.56
	-9.8	-11	190.5	63.36	189.0	63.99	187.8	64.59	187.2	64.89	186.6	65.19	185.4	65.79
	-9.5	-10	195.0	63.90	193.8	64.53	192.3	65.16	191.7	65.46	191.1	65.76	189.9	66.36
	-8.5	-9.1	199.5	64.44	198.3	65.07	196.8	65.70	196.2	66.00	195.6	66.33	194.4	66.93
	-7	-7.6	207.3	65.34	206.1	65.97	204.6	66.63	204.0	66.93	203.4	67.26	198.3	66.15
	-5	-5.6	218.1	66.54	216.6	67.23	215.1	67.89	214.5	68.19	212.7	67.95	198.3	62.55
	-3	-3.7	228.9	67.74	227.4	68.43	225.9	69.09	219.6	66.93	212.7	64.35	198.3	59.28
	0	-0.7	246.3	69.66	240.9	68.64	226.8	63.81	219.6	61.41	212.7	59.07	198.3	54.48
	3	2.2	255.0	67.65	240.9	63.15	226.8	58.74	219.6	56.58	212.7	54.45	198.3	50.25
	5	4.1	255.0	64.05	240.9	59.82	226.8	55.68	219.6	53.64	212.7	51.63	198.3	47.70
	7	6	255.0	60.63	240.9	56.64	226.8	52.74	219.6	50.82	212.7	48.93	198.3	45.21
	9	7.9	255.0	57.24	240.9	53.49	226.8	49.83	219.6	48.03	212.7	46.26	198.3	42.75
	11	9.8	255.0	53.97	240.9	50.46	226.8	47.04	219.6	45.36	212.7	43.71	198.3	40.44
	13	11.8	255.0	50.73	240.9	47.46	226.8	44.28	219.6	42.69	212.7	41.16	198.3	38.10

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	255.0	47.76	240.9	44.73	226.8	41.76	219.6	40.29	212.7	38.85	198.3	36.00
110	-30	-30.2	111.6	53.07	111.0	53.52	110.1	53.94	109.8	54.18	109.5	54.39	108.6	54.81
	-24.8	-25	129.9	55.95	129.0	56.43	128.1	56.91	127.5	57.15	127.2	57.39	126.3	57.84
	-21.8	-22	141.0	57.63	140.1	58.14	139.2	58.65	138.6	58.89	138.3	59.13	137.4	59.64
	-19.8	-20	148.8	58.74	147.9	59.28	147.0	59.79	146.4	60.06	146.1	60.33	144.9	60.81
	-18.8	-19	153.0	59.31	151.8	59.85	150.9	60.39	150.3	60.66	150.0	60.90	149.1	61.44
	-16.7	-17	161.4	60.48	160.2	61.02	159.3	61.59	158.7	61.86	158.1	62.13	157.2	62.64
	-15	-15.9	166.2	61.14	165.3	61.71	164.1	62.28	163.5	62.55	163.2	62.82	162.0	63.36
	-13.7	-15	170.7	61.71	169.5	62.31	168.6	62.88	168.0	63.18	167.4	63.45	166.5	63.99
	-11.8	-13	179.4	62.88	178.2	63.48	177.0	64.05	176.4	64.35	176.1	64.62	174.9	65.19
	-9.8	-11	189.0	64.08	187.5	64.71	186.3	65.31	185.7	65.58	185.1	65.88	181.8	65.34
	-9.5	-10	193.5	64.65	192.3	65.28	190.8	65.88	190.2	66.18	189.6	66.48	181.8	63.72
	-8.5	-9.1	198.0	65.22	196.5	65.85	195.3	66.45	194.7	66.78	194.1	67.05	181.8	62.16
	-7	-7.6	205.5	66.18	204.3	66.81	202.8	67.44	201.3	67.32	195.0	64.74	181.8	59.67
	-5	-5.6	216.0	67.47	214.8	68.13	207.9	66.12	201.3	63.66	195.0	61.23	181.8	56.46
	-3	-3.7	226.8	68.73	220.8	67.38	207.9	62.64	201.3	60.33	195.0	58.02	181.8	53.55
	0	-0.7	234.0	66.21	220.8	61.83	207.9	57.54	201.3	55.44	195.0	53.34	181.8	49.26
	3	2.2	234.0	60.93	220.8	56.94	207.9	53.04	201.3	51.12	195.0	49.23	181.8	45.51
	5	4.1	234.0	57.72	220.8	53.97	207.9	50.31	201.3	48.51	195.0	46.71	181.8	43.23
	7	6	234.0	54.69	220.8	51.15	207.9	47.67	201.3	45.96	195.0	44.28	181.8	40.98
	9	7.9	234.0	51.66	220.8	48.33	207.9	45.09	201.3	43.47	195.0	41.91	181.8	38.79
	11	9.8	234.0	48.75	220.8	45.66	207.9	42.60	201.3	41.10	195.0	39.63	181.8	36.72
	13	11.8	234.0	45.84	220.8	42.96	207.9	40.14	201.3	38.73	195.0	37.35	181.8	34.65
	15	13.7	234.0	43.23	220.8	40.53	207.9	37.89	201.3	36.57	195.0	35.28	181.8	32.76
100	-30	-30.2	111.0	53.43	110.4	53.85	109.5	54.30	109.2	54.51	108.9	54.72	108.0	55.14
	-24.8	-25	129.0	56.40	128.1	56.88	127.2	57.36	126.9	57.57	126.3	57.81	125.7	58.26
	-21.8	-22	140.1	58.14	139.2	58.65	138.3	59.13	137.7	59.40	137.4	59.64	136.5	60.12
	-19.8	-20	147.9	59.31	146.7	59.85	145.8	60.36	145.5	60.60	144.9	60.87	144.0	61.35
	-18.8	-19	151.8	59.91	150.9	60.45	149.7	60.96	149.4	61.23	148.8	61.47	147.9	61.98
	-16.7	-17	160.2	61.14	159.0	61.68	158.1	62.22	157.5	62.49	156.9	62.73	156.0	63.24
	-15	-15.9	165.0	61.83	163.8	62.40	162.9	62.94	162.3	63.21	161.7	63.48	160.8	63.99
	-13.7	-15	169.2	62.46	168.3	63.03	167.4	63.60	166.8	63.87	166.2	64.14	165.3	64.68
	-11.8	-13	177.9	63.66	176.7	64.23	175.5	64.80	174.9	65.10	174.6	65.37	165.3	61.62
	-9.8	-11	187.2	64.95	186.0	65.55	184.8	66.12	183.0	65.85	177.3	63.36	165.3	58.44
	-9.5	-10	191.7	65.55	190.2	66.15	189.0	66.69	183.0	64.20	177.3	61.77	165.3	57.00
	-8.5	-9.1	195.9	66.15	194.7	66.75	189.0	65.04	183.0	62.64	177.3	60.27	165.3	55.62
	-7	-7.6	203.4	67.17	200.7	67.08	189.0	62.43	183.0	60.12	177.3	57.87	165.3	53.40
	-5	-5.6	212.7	67.95	200.7	63.45	189.0	59.04	183.0	56.91	177.3	54.75	165.3	50.58
	-3	-3.7	212.7	64.35	200.7	60.12	189.0	55.98	183.0	53.94	177.3	51.93	165.3	48.00
	0	-0.7	212.7	59.07	200.7	55.23	189.0	51.48	183.0	49.62	177.3	47.82	165.3	44.22
	3	2.2	212.7	54.45	200.7	50.94	189.0	47.52	183.0	45.84	177.3	44.16	165.3	40.89
	5	4.1	212.7	51.63	200.7	48.33	189.0	45.12	183.0	43.53	177.3	41.97	165.3	38.88
	7	6	212.7	48.93	200.7	45.81	189.0	42.78	183.0	41.28	177.3	39.81	165.3	36.87
	9	7.9	212.7	46.26	200.7	43.35	189.0	40.50	183.0	39.09	177.3	37.68	165.3	34.95
	11	9.8	212.7	43.71	200.7	40.98	189.0	38.31	183.0	36.99	177.3	35.70	165.3	33.12
	13	11.8	212.7	41.16	200.7	38.61	189.0	36.12	183.0	34.89	177.3	33.66	165.3	31.29
	15	13.7	212.7	38.85	200.7	36.45	189.0	34.14	183.0	32.97	177.3	31.83	165.3	29.61

27. ARUM600LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	110.4	53.85	109.5	54.27	108.9	54.69	108.6	54.90	108.0	55.11	107.4	55.50
	-24.8	-25	128.1	56.94	127.2	57.42	126.3	57.87	126.0	58.11	125.4	58.32	124.5	58.77
	-21.8	-22	138.9	58.77	138.0	59.25	137.1	59.76	136.5	60.00	136.2	60.21	135.3	60.69
	-19.8	-20	146.4	60.00	145.5	60.51	144.6	61.02	144.3	61.26	143.7	61.50	142.8	61.98
	-18.8	-19	150.6	60.63	149.4	61.17	148.5	61.65	147.9	61.92	147.6	62.16	146.7	62.64
	-16.7	-17	158.7	61.92	157.5	62.46	156.6	62.97	156.0	63.24	155.4	63.48	148.8	60.69
	-15	-15.9	163.5	62.67	162.3	63.21	161.4	63.75	160.8	63.99	159.3	63.81	148.8	58.89
	-13.7	-15	167.7	63.33	166.8	63.90	165.6	64.44	164.7	64.47	159.3	62.01	148.8	57.18
	-11.8	-13	176.1	64.59	174.9	65.16	170.1	63.69	164.7	61.38	159.3	59.07	148.8	54.54
	-9.8	-11	185.1	65.97	180.6	64.86	170.1	60.39	164.7	58.20	159.3	56.01	148.8	51.75
	-9.5	-10	189.3	66.60	180.6	63.24	170.1	58.89	164.7	56.76	159.3	54.63	148.8	50.49
	-8.5	-9.1	191.4	66.00	180.6	61.68	170.1	57.48	164.7	55.38	159.3	53.34	148.8	49.29
	-7	-7.6	191.4	63.36	180.6	59.22	170.1	55.17	164.7	53.19	159.3	51.24	148.8	47.37
	-5	-5.6	191.4	59.91	180.6	56.04	170.1	52.23	164.7	50.37	159.3	48.54	148.8	44.88
	-3	-3.7	191.4	56.79	180.6	53.16	170.1	49.56	164.7	47.79	159.3	46.05	148.8	42.63
	0	-0.7	191.4	52.23	180.6	48.90	170.1	45.66	164.7	44.04	159.3	42.45	148.8	39.33
	3	2.2	191.4	48.21	180.6	45.18	170.1	42.21	164.7	40.74	159.3	39.30	148.8	36.45
	5	4.1	191.4	45.75	180.6	42.90	170.1	40.11	164.7	38.73	159.3	37.38	148.8	34.68
	7	6	191.4	43.38	180.6	40.68	170.1	38.04	164.7	36.75	159.3	35.46	148.8	32.91
	9	7.9	191.4	41.04	180.6	38.52	170.1	36.06	164.7	34.83	159.3	33.60	148.8	31.23
	11	9.8	191.4	38.85	180.6	36.48	170.1	34.14	164.7	33.00	159.3	31.86	148.8	29.61
	13	11.8	191.4	36.60	180.6	34.41	170.1	32.22	164.7	31.17	159.3	30.09	148.8	28.02
	15	13.7	191.4	34.59	180.6	32.52	170.1	30.48	164.7	29.49	159.3	28.50	148.8	26.55
80	-30	-30.2	109.5	54.36	108.6	54.78	108.0	55.20	107.7	55.38	107.4	55.59	106.5	55.98
	-24.8	-25	126.9	57.60	126.0	58.08	125.1	58.53	124.8	58.74	124.2	58.95	123.6	59.40
	-21.8	-22	137.4	59.55	136.5	60.03	135.6	60.48	135.3	60.72	134.7	60.96	132.3	60.33
	-19.8	-20	144.9	60.84	144.0	61.35	143.1	61.83	142.5	62.07	141.6	62.01	132.3	57.30
	-18.8	-19	148.8	61.53	147.9	62.01	147.0	62.52	146.4	62.76	141.6	60.45	132.3	55.86
	-16.7	-17	156.6	62.88	155.7	63.39	151.2	61.80	146.4	59.58	141.6	57.39	132.3	53.04
	-15	-15.9	161.4	63.69	160.5	64.20	151.2	59.97	146.4	57.81	141.6	55.68	132.3	51.48
	-13.7	-15	165.6	64.41	160.5	62.55	151.2	58.23	146.4	56.10	141.6	54.00	132.3	49.89
	-11.8	-13	170.1	63.69	160.5	59.58	151.2	55.53	146.4	53.55	141.6	51.60	132.3	47.67
	-9.8	-11	170.1	60.39	160.5	56.49	151.2	52.71	146.4	50.82	141.6	48.96	132.3	45.33
	-9.5	-10	170.1	58.89	160.5	55.11	151.2	51.42	146.4	49.59	141.6	47.79	132.3	44.25
	-8.5	-9.1	170.1	57.48	160.5	53.79	151.2	50.19	146.4	48.42	141.6	46.65	132.3	43.20
	-7	-7.6	170.1	55.17	160.5	51.66	151.2	48.21	146.4	46.53	141.6	44.85	132.3	41.52
	-5	-5.6	170.1	52.23	160.5	48.93	151.2	45.69	146.4	44.10	141.6	42.51	132.3	39.39
	-3	-3.7	170.1	49.56	160.5	46.44	151.2	43.38	146.4	41.88	141.6	40.41	132.3	37.47
	0	-0.7	170.1	45.66	160.5	42.81	151.2	40.02	146.4	38.67	141.6	37.29	132.3	34.62
	3	2.2	170.1	42.21	160.5	39.60	151.2	37.08	146.4	35.82	141.6	34.56	132.3	32.13
	5	4.1	170.1	40.11	160.5	37.68	151.2	35.28	146.4	34.08	141.6	32.91	132.3	30.60
	7	6	170.1	38.04	160.5	35.73	151.2	33.48	146.4	32.37	141.6	31.26	132.3	29.07
	9	7.9	170.1	36.06	160.5	33.87	151.2	31.77	146.4	30.72	141.6	29.67	132.3	27.63
	11	9.8	170.1	34.14	160.5	32.10	151.2	30.12	146.4	29.13	141.6	28.14	132.3	26.22
	13	11.8	170.1	32.22	160.5	30.33	151.2	28.47	146.4	27.54	141.6	26.64	132.3	24.84
	15	13.7	170.1	30.48	160.5	28.71	151.2	26.97	146.4	26.10	141.6	25.26	132.3	23.55
70	-30	-30.2	108.3	55.02	107.7	55.41	106.8	55.80	106.5	56.01	106.2	56.22	105.6	56.58

27. ARUM600LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	125.1	58.44	124.5	58.89	123.6	59.31	123.3	59.52	123.0	59.73	115.8	55.98
	-21.8	-22	135.6	60.51	134.7	60.96	132.3	60.33	128.1	58.17	123.9	56.04	115.8	51.87
	-19.8	-20	143.1	61.89	140.7	61.44	132.3	57.30	128.1	55.26	123.9	53.25	115.8	49.29
	-18.8	-19	146.7	62.61	140.7	59.85	132.3	55.86	128.1	53.88	123.9	51.93	115.8	48.06
	-16.7	-17	148.8	60.69	140.7	56.82	132.3	53.04	128.1	51.18	123.9	49.32	115.8	45.69
	-15	-15.9	148.8	58.89	140.7	55.14	132.3	51.48	128.1	49.65	123.9	47.82	115.8	44.25
	-13.7	-15	148.8	57.18	140.7	53.49	132.3	49.89	128.1	48.12	123.9	46.35	115.8	42.90
	-11.8	-13	148.8	54.54	140.7	51.09	132.3	47.67	128.1	45.96	123.9	44.31	115.8	41.01
	-9.8	-11	148.8	51.75	140.7	48.51	132.3	45.33	128.1	43.74	123.9	42.21	115.8	39.12
	-9.5	-10	148.8	50.49	140.7	47.34	132.3	44.25	128.1	42.72	123.9	41.19	115.8	38.22
	-8.5	-9.1	148.8	49.29	140.7	46.23	132.3	43.20	128.1	41.70	123.9	40.23	115.8	37.32
	-7	-7.6	148.8	47.37	140.7	44.43	132.3	41.52	128.1	40.11	123.9	38.70	115.8	35.91
	-5	-5.6	148.8	44.88	140.7	42.12	132.3	39.42	128.1	38.07	123.9	36.75	115.8	34.11
	-3	-3.7	148.8	42.63	140.7	40.02	132.3	37.47	128.1	36.21	123.9	34.95	115.8	32.46
	0	-0.7	148.8	39.33	140.7	36.96	132.3	34.62	128.1	33.48	123.9	32.34	115.8	30.06
	3	2.2	148.8	36.45	140.7	34.26	132.3	32.13	128.1	31.08	123.9	30.03	115.8	27.96
	5	4.1	148.8	34.68	140.7	32.61	132.3	30.60	128.1	29.58	123.9	28.59	115.8	26.64
	7	6	148.8	32.91	140.7	30.99	132.3	29.07	128.1	28.14	123.9	27.18	115.8	25.35
	9	7.9	148.8	31.23	140.7	29.40	132.3	27.63	128.1	26.73	123.9	25.86	115.8	24.12
	11	9.8	148.8	29.61	140.7	27.90	132.3	26.22	128.1	25.41	123.9	24.57	115.8	22.95
	13	11.8	148.8	28.02	140.7	26.40	132.3	24.84	128.1	24.06	123.9	23.28	115.8	21.75
	15	13.7	148.8	26.55	140.7	25.05	132.3	23.55	128.1	22.83	123.9	22.11	115.8	20.67
60	-30	-30.2	106.8	55.86	106.2	56.25	105.6	56.61	105.0	56.82	104.7	57.00	99.30	53.79
	-24.8	-25	123.3	59.52	120.6	58.56	113.4	54.69	109.8	52.80	106.2	50.91	99.30	47.16
	-21.8	-22	127.5	57.87	120.6	54.24	113.4	50.70	109.8	48.93	106.2	47.19	99.30	43.74
	-19.8	-20	127.5	54.99	120.6	51.57	113.4	48.18	109.8	46.53	106.2	44.88	99.30	41.61
	-18.8	-19	127.5	53.61	120.6	50.25	113.4	46.98	109.8	45.36	106.2	43.77	99.30	40.59
	-16.7	-17	127.5	50.91	120.6	47.76	113.4	44.64	109.8	43.11	106.2	41.61	99.30	38.61
	-15	-15.9	127.5	49.38	120.6	46.29	113.4	43.26	109.8	41.76	106.2	40.29	99.30	37.35
	-13.7	-15	127.5	47.88	120.6	44.88	113.4	41.94	109.8	40.50	106.2	39.06	99.30	36.24
	-11.8	-13	127.5	45.72	120.6	42.87	113.4	40.08	109.8	38.70	106.2	37.35	99.30	34.65
	-9.8	-11	127.5	43.53	120.6	40.89	113.4	38.22	109.8	36.90	106.2	35.61	99.30	33.06
	-9.5	-10	127.5	42.48	120.6	39.90	113.4	37.38	109.8	36.12	106.2	34.86	99.30	32.43
	-8.5	-9.1	127.5	41.49	120.6	38.97	113.4	36.51	109.8	35.28	106.2	34.08	99.30	31.68
	-7	-7.6	127.5	39.90	120.6	37.50	113.4	35.13	109.8	33.96	106.2	32.82	99.30	30.51
	-5	-5.6	127.5	37.86	120.6	35.61	113.4	33.39	109.8	32.28	106.2	31.20	99.30	29.04
	-3	-3.7	127.5	36.03	120.6	33.87	113.4	31.77	109.8	30.75	106.2	29.70	99.30	27.66
	0	-0.7	127.5	33.30	120.6	31.35	113.4	29.43	109.8	28.47	106.2	27.54	99.30	25.68
	3	2.2	127.5	30.93	120.6	29.13	113.4	27.36	109.8	26.49	106.2	25.65	99.30	23.94
	5	4.1	127.5	29.46	120.6	27.75	113.4	26.10	109.8	25.26	106.2	24.45	99.30	22.83
	7	6	127.5	27.99	120.6	26.40	113.4	24.84	109.8	24.06	106.2	23.28	99.30	21.75
	9	7.9	127.5	26.61	120.6	25.11	113.4	23.64	109.8	22.89	106.2	22.17	99.30	20.73
	11	9.8	127.5	25.29	120.6	23.88	113.4	22.47	109.8	21.78	106.2	21.12	99.30	19.77
	13	11.8	127.5	23.94	120.6	22.62	113.4	21.33	109.8	20.67	106.2	20.04	99.30	18.78
	15	13.7	127.5	22.74	120.6	21.48	113.4	20.28	109.8	19.68	106.2	19.08	99.30	17.88
50	-30	-30.2	104.7	56.97	100.5	54.51	94.50	50.97	91.50	49.23	88.50	47.49	82.80	44.07
	-24.8	-25	106.2	50.91	100.5	47.79	94.50	44.73	91.50	43.20	88.50	41.70	82.80	38.73

27. ARUM600LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	106.2	47.19	100.5	44.31	94.50	41.49	91.50	40.11	88.50	38.73	82.80	36.00
	-19.8	-20	106.2	44.88	100.5	42.15	94.50	39.48	91.50	38.16	88.50	36.87	82.80	34.26
	-18.8	-19	106.2	43.77	100.5	41.13	94.50	38.52	91.50	37.23	88.50	35.97	82.80	33.45
	-16.7	-17	106.2	41.61	100.5	39.12	94.50	36.66	91.50	35.43	88.50	34.23	82.80	31.86
	-15	-15.9	106.2	40.29	100.5	37.83	94.50	35.46	91.50	34.26	88.50	33.09	82.80	30.78
	-13.7	-15	106.2	39.06	100.5	36.69	94.50	34.38	91.50	33.24	88.50	32.10	82.80	29.85
	-11.8	-13	106.2	37.35	100.5	35.10	94.50	32.88	91.50	31.80	88.50	30.72	82.80	28.59
	-9.8	-11	106.2	35.61	100.5	33.48	94.50	31.38	91.50	30.36	88.50	29.31	82.80	27.30
	-9.5	-10	106.2	34.86	100.5	32.82	94.50	30.81	91.50	29.82	88.50	28.83	82.80	26.88
	-8.5	-9.1	106.2	34.08	100.5	32.10	94.50	30.12	91.50	29.16	88.50	28.20	82.80	26.28
	-7	-7.6	106.2	32.82	100.5	30.90	94.50	29.01	91.50	28.08	88.50	27.18	82.80	25.35
	-5	-5.6	106.2	31.20	100.5	29.40	94.50	27.60	91.50	26.73	88.50	25.86	82.80	24.15
	-3	-3.7	106.2	29.70	100.5	28.02	94.50	26.34	91.50	25.50	88.50	24.69	82.80	23.07
	0	-0.7	106.2	27.54	100.5	25.98	94.50	24.45	91.50	23.70	88.50	22.95	82.80	21.45
	3	2.2	106.2	25.65	100.5	24.21	94.50	22.80	91.50	22.11	88.50	21.42	82.80	20.07
	5	4.1	106.2	24.45	100.5	23.10	94.50	21.78	91.50	21.12	88.50	20.46	82.80	19.17
	7	6	106.2	23.28	100.5	22.02	94.50	20.76	91.50	20.13	88.50	19.53	82.80	18.30
	9	7.9	106.2	22.17	100.5	20.97	94.50	19.80	91.50	19.20	88.50	18.63	82.80	17.49
	11	9.8	106.2	21.12	100.5	19.98	94.50	18.87	91.50	18.33	88.50	17.79	82.80	16.71
	13	11.8	106.2	20.04	100.5	18.99	94.50	17.94	91.50	17.43	88.50	16.92	82.80	15.90
	15	13.7	106.2	19.08	100.5	18.09	94.50	17.10	91.50	16.62	88.50	16.14	82.80	15.18

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

27. ARUM600LTE6

27.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	112.8	52.53	111.9	52.98	111.0	53.43	110.7	53.64	110.4	53.88	109.5	54.30
	-24.8	-25	131.1	55.23	130.2	55.74	129.3	56.22	128.7	56.46	128.4	56.73	127.5	57.21
	-21.8	-22	142.5	56.79	141.6	57.33	140.7	57.84	140.1	58.11	139.8	58.35	138.6	58.86
	-19.8	-20	150.6	57.84	149.7	58.38	148.5	58.92	147.9	59.19	147.6	59.46	146.7	60.00
	-18.8	-19	154.8	58.35	153.6	58.92	152.7	59.49	152.1	59.76	151.5	60.03	150.6	60.54
	-16.7	-17	163.2	59.43	162.3	60.00	161.1	60.57	160.5	60.87	160.2	61.14	159.0	61.68
	-15	-15.9	168.6	60.03	167.4	60.63	166.2	61.23	165.6	61.50	165.0	61.80	164.1	62.34
	-13.7	-15	172.8	60.57	171.6	61.17	170.7	61.77	170.1	62.07	169.5	62.37	168.6	62.94
	-11.8	-13	181.8	61.62	180.6	62.25	179.4	62.85	178.8	63.15	178.2	63.45	177.0	64.05
	-9.8	-11	191.7	62.73	190.2	63.36	189.0	63.99	188.4	64.29	187.8	64.59	186.6	65.19
	-9.5	-10	196.2	63.24	195.0	63.87	193.8	64.53	193.2	64.83	192.3	65.16	191.1	65.76
	-8.5	-9.1	201.0	63.75	199.5	64.41	198.3	65.04	197.7	65.37	197.1	65.67	195.6	66.30
	-7	-7.6	208.8	64.59	207.6	65.28	206.1	65.94	205.5	66.24	204.6	66.57	203.4	67.20
	-5	-5.6	219.9	65.76	218.4	66.45	216.9	67.11	216.3	67.44	215.4	67.77	213.9	68.43
	-3	-3.7	230.7	66.87	229.2	67.59	227.7	68.28	226.8	68.61	226.2	68.97	215.1	65.19
	0	-0.7	248.7	68.70	246.9	69.42	245.4	70.14	237.9	67.62	230.4	65.01	215.1	59.85
	3	2.2	266.7	70.47	261.0	69.57	245.7	64.62	237.9	62.22	230.4	59.82	215.1	55.14
	5	4.1	261.6	64.59	246.0	60.00	230.7	55.53	222.9	53.34	215.1	51.18	199.5	46.92
	7	6	246.3	55.53	230.7	51.36	215.1	47.31	207.3	45.30	199.2	43.35	183.6	39.48
	9	7.9	230.7	47.19	214.8	43.47	198.9	39.81	191.1	38.04	183.0	36.27	167.1	32.79
	11	9.8	214.5	39.69	198.6	36.39	182.4	33.15	174.3	31.56	166.2	29.97	150.0	26.88
	13	11.8	197.7	32.91	181.5	30.00	165.3	27.15	157.2	25.74	149.1	24.36	132.3	21.63
	15	13.7	180.3	27.03	164.1	24.48	147.6	21.96	139.2	20.73	131.1	19.53	114.3	17.13
120	-30	-30.2	112.2	52.77	111.3	53.22	110.7	53.67	110.4	53.88	109.8	54.09	109.2	54.54
	-24.8	-25	130.5	55.56	129.6	56.04	128.7	56.55	128.1	56.79	127.8	57.03	126.9	57.51
	-21.8	-22	141.9	57.18	141.0	57.69	139.8	58.20	139.5	58.47	138.9	58.71	138.0	59.22
	-19.8	-20	149.7	58.26	148.8	58.80	147.9	59.34	147.3	59.61	146.7	59.85	145.8	60.39
	-18.8	-19	153.9	58.80	153.0	59.34	151.8	59.91	151.2	60.18	150.9	60.42	149.7	60.96
	-16.7	-17	162.3	59.91	161.4	60.48	160.2	61.05	159.6	61.32	159.3	61.59	158.1	62.13
	-15	-15.9	167.4	60.54	166.5	61.14	165.3	61.71	164.7	61.98	164.1	62.28	163.2	62.82
	-13.7	-15	171.9	61.11	170.7	61.71	169.8	62.28	169.2	62.58	168.6	62.85	167.7	63.42
	-11.8	-13	180.9	62.19	179.7	62.82	178.5	63.42	177.9	63.69	177.3	63.99	176.1	64.56
	-9.8	-11	190.5	63.36	189.0	63.99	187.8	64.59	187.2	64.89	186.6	65.19	185.4	65.79
	-9.5	-10	195.0	63.90	193.8	64.53	192.3	65.16	191.7	65.46	191.1	65.76	189.9	66.36
	-8.5	-9.1	199.5	64.44	198.3	65.07	196.8	65.70	196.2	66.00	195.6	66.33	194.4	66.93
	-7	-7.6	207.3	65.34	206.1	65.97	204.6	66.63	204.0	66.93	203.4	67.26	198.3	66.15
	-5	-5.6	218.1	66.54	216.6	67.23	215.1	67.89	214.5	68.19	212.7	67.95	198.3	62.55
	-3	-3.7	228.9	67.74	227.4	68.43	225.9	69.09	219.6	66.93	212.7	64.35	198.3	59.28
	0	-0.7	246.3	69.66	240.9	68.64	226.8	63.81	219.6	61.41	212.7	59.07	198.3	54.48
	3	2.2	255.0	67.65	240.9	63.15	226.8	58.74	219.6	56.58	212.7	54.45	198.3	50.25
	5	4.1	241.5	58.65	227.1	54.57	213.0	50.55	205.8	48.60	198.6	46.65	184.2	42.84
	7	6	227.4	50.49	213.0	46.77	198.6	43.14	191.4	41.34	183.9	39.60	169.5	36.12
	9	7.9	213.0	42.99	198.3	39.66	183.6	36.39	176.4	34.80	168.9	33.21	154.2	30.09
	11	9.8	198.0	36.27	183.3	33.30	168.3	30.39	161.1	28.95	153.6	27.54	138.6	24.75
	13	11.8	182.4	30.15	167.7	27.54	152.7	24.96	145.2	23.70	137.4	22.44	122.1	19.98

27. ARUM600LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	166.5	24.84	151.5	22.53	136.2	20.28	128.7	19.17	120.9	18.09	105.3	15.90
110	-30	-30.2	111.6	53.07	111.0	53.52	110.1	53.94	109.8	54.18	109.5	54.39	108.6	54.81
	-24.8	-25	129.9	55.95	129.0	56.43	128.1	56.91	127.5	57.15	127.2	57.39	126.3	57.84
	-21.8	-22	141.0	57.63	140.1	58.14	139.2	58.65	138.6	58.89	138.3	59.13	137.4	59.64
	-19.8	-20	148.8	58.74	147.9	59.28	147.0	59.79	146.4	60.06	146.1	60.33	144.9	60.81
	-18.8	-19	153.0	59.31	151.8	59.85	150.9	60.39	150.3	60.66	150.0	60.90	149.1	61.44
	-16.7	-17	161.4	60.48	160.2	61.02	159.3	61.59	158.7	61.86	158.1	62.13	157.2	62.64
	-15	-15.9	166.2	61.14	165.3	61.71	164.1	62.28	163.5	62.55	163.2	62.82	162.0	63.36
	-13.7	-15	170.7	61.71	169.5	62.31	168.6	62.88	168.0	63.18	167.4	63.45	166.5	63.99
	-11.8	-13	179.4	62.88	178.2	63.48	177.0	64.05	176.4	64.35	176.1	64.62	174.9	65.19
	-9.8	-11	189.0	64.08	187.5	64.71	186.3	65.31	185.7	65.58	185.1	65.88	181.8	65.34
	-9.5	-10	193.5	64.65	192.3	65.28	190.8	65.88	190.2	66.18	189.6	66.48	181.8	63.72
	-8.5	-9.1	198.0	65.22	196.5	65.85	195.3	66.45	194.7	66.78	194.1	67.05	181.8	62.16
	-7	-7.6	205.5	66.18	204.3	66.81	202.8	67.44	201.3	67.32	195.0	64.74	181.8	59.67
	-5	-5.6	216.0	67.47	214.8	68.13	207.9	66.12	201.3	63.66	195.0	61.23	181.8	56.46
	-3	-3.7	226.8	68.73	220.8	67.38	207.9	62.64	201.3	60.33	195.0	58.02	181.8	53.55
	0	-0.7	234.0	66.21	220.8	61.83	207.9	57.54	201.3	55.44	195.0	53.34	181.8	49.26
	3	2.2	234.0	60.93	220.8	56.94	207.9	53.04	201.3	51.12	195.0	49.23	181.8	45.51
	5	4.1	221.4	52.92	208.2	49.29	195.0	45.75	188.7	44.01	182.1	42.27	168.9	38.88
	7	6	208.5	45.63	195.3	42.33	182.1	39.09	175.2	37.53	168.6	35.94	155.4	32.85
	9	7.9	195.3	38.94	181.8	35.97	168.3	33.09	161.7	31.65	154.8	30.24	141.3	27.45
	11	9.8	181.5	32.94	168.0	30.30	154.5	27.69	147.6	26.43	140.7	25.17	126.9	22.65
	13	11.8	167.1	27.48	153.6	25.14	139.8	22.86	132.9	21.72	126.0	20.61	112.2	18.39
	15	13.7	152.4	22.71	138.6	20.67	124.8	18.63	117.9	17.64	110.7	16.65	96.60	14.73
100	-30	-30.2	111.0	53.43	110.4	53.85	109.5	54.30	109.2	54.51	108.9	54.72	108.0	55.14
	-24.8	-25	129.0	56.40	128.1	56.88	127.2	57.36	126.9	57.57	126.3	57.81	125.7	58.26
	-21.8	-22	140.1	58.14	139.2	58.65	138.3	59.13	137.7	59.40	137.4	59.64	136.5	60.12
	-19.8	-20	147.9	59.31	146.7	59.85	145.8	60.36	145.5	60.60	144.9	60.87	144.0	61.35
	-18.8	-19	151.8	59.91	150.9	60.45	149.7	60.96	149.4	61.23	148.8	61.47	147.9	61.98
	-16.7	-17	160.2	61.14	159.0	61.68	158.1	62.22	157.5	62.49	156.9	62.73	156.0	63.24
	-15	-15.9	165.0	61.83	163.8	62.40	162.9	62.94	162.3	63.21	161.7	63.48	160.8	63.99
	-13.7	-15	169.2	62.46	168.3	63.03	167.4	63.60	166.8	63.87	166.2	64.14	165.3	64.68
	-11.8	-13	177.9	63.66	176.7	64.23	175.5	64.80	174.9	65.10	174.6	65.37	165.3	61.62
	-9.8	-11	187.2	64.95	186.0	65.55	184.8	66.12	183.0	65.85	177.3	63.36	165.3	58.44
	-9.5	-10	191.7	65.55	190.2	66.15	189.0	66.69	183.0	64.20	177.3	61.77	165.3	57.00
	-8.5	-9.1	195.9	66.15	194.7	66.75	189.0	65.04	183.0	62.64	177.3	60.27	165.3	55.62
	-7	-7.6	203.4	67.17	200.7	67.08	189.0	62.43	183.0	60.12	177.3	57.87	165.3	53.40
	-5	-5.6	212.7	67.95	200.7	63.45	189.0	59.04	183.0	56.91	177.3	54.75	165.3	50.58
	-3	-3.7	212.7	64.35	200.7	60.12	189.0	55.98	183.0	53.94	177.3	51.93	165.3	48.00
	0	-0.7	212.7	59.07	200.7	55.23	189.0	51.48	183.0	49.62	177.3	47.82	165.3	44.22
	3	2.2	212.7	54.45	200.7	50.94	189.0	47.52	183.0	45.84	177.3	44.16	165.3	40.89
	5	4.1	201.3	47.40	189.3	44.22	177.3	41.10	171.3	39.57	165.3	38.04	153.3	35.04
	7	6	189.6	40.92	177.6	38.04	165.3	35.19	159.3	33.81	153.3	32.40	141.3	29.67
	9	7.9	177.6	35.04	165.3	32.43	153.0	29.85	147.0	28.59	140.7	27.36	128.4	24.90
	11	9.8	165.0	29.70	152.7	27.39	140.4	25.08	134.1	23.97	127.8	22.83	115.5	20.64
	13	11.8	152.1	24.87	139.8	22.80	127.2	20.79	120.9	19.77	114.6	18.78	102.0	16.83
	15	13.7	138.6	20.64	126.0	18.81	113.4	17.04	107.1	16.17	100.8	15.27	87.90	13.56

27. ARUM600LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	110.4	53.85	109.5	54.27	108.9	54.69	108.6	54.90	108.0	55.11	107.4	55.50
	-24.8	-25	128.1	56.94	127.2	57.42	126.3	57.87	126.0	58.11	125.4	58.32	124.5	58.77
	-21.8	-22	138.9	58.77	138.0	59.25	137.1	59.76	136.5	60.00	136.2	60.21	135.3	60.69
	-19.8	-20	146.4	60.00	145.5	60.51	144.6	61.02	144.3	61.26	143.7	61.50	142.8	61.98
	-18.8	-19	150.6	60.63	149.4	61.17	148.5	61.65	147.9	61.92	147.6	62.16	146.7	62.64
	-16.7	-17	158.7	61.92	157.5	62.46	156.6	62.97	156.0	63.24	155.4	63.48	148.8	60.69
	-15	-15.9	163.5	62.67	162.3	63.21	161.4	63.75	160.8	63.99	159.3	63.81	148.8	58.89
	-13.7	-15	167.7	63.33	166.8	63.90	165.6	64.44	164.7	64.47	159.3	62.01	148.8	57.18
	-11.8	-13	176.1	64.59	174.9	65.16	170.1	63.69	164.7	61.38	159.3	59.07	148.8	54.54
	-9.8	-11	185.1	65.97	180.6	64.86	170.1	60.39	164.7	58.20	159.3	56.01	148.8	51.75
	-9.5	-10	189.3	66.60	180.6	63.24	170.1	58.89	164.7	56.76	159.3	54.63	148.8	50.49
	-8.5	-9.1	191.4	66.00	180.6	61.68	170.1	57.48	164.7	55.38	159.3	53.34	148.8	49.29
	-7	-7.6	191.4	63.36	180.6	59.22	170.1	55.17	164.7	53.19	159.3	51.24	148.8	47.37
	-5	-5.6	191.4	59.91	180.6	56.04	170.1	52.23	164.7	50.37	159.3	48.54	148.8	44.88
	-3	-3.7	191.4	56.79	180.6	53.16	170.1	49.56	164.7	47.79	159.3	46.05	148.8	42.63
	0	-0.7	191.4	52.23	180.6	48.90	170.1	45.66	164.7	44.04	159.3	42.45	148.8	39.33
	3	2.2	191.4	48.21	180.6	45.18	170.1	42.21	164.7	40.74	159.3	39.30	148.8	36.45
	5	4.1	181.2	42.06	170.4	39.30	159.6	36.60	154.2	35.25	148.8	33.93	138.0	31.29
	7	6	170.7	36.39	159.9	33.87	148.8	31.41	143.4	30.18	138.0	28.98	127.2	26.61
	9	7.9	159.6	31.23	148.8	28.98	137.7	26.73	132.3	25.65	126.9	24.54	115.8	22.38
	11	9.8	148.5	26.58	137.4	24.54	126.3	22.56	120.6	21.57	115.2	20.58	103.8	18.66
	13	11.8	136.8	22.35	125.7	20.55	114.6	18.75	108.9	17.88	103.2	17.01	91.80	15.30
	15	13.7	124.8	18.63	113.4	17.04	102.3	15.48	96.30	14.70	90.60	13.92	78.90	12.42
80	-30	-30.2	109.5	54.36	108.6	54.78	108.0	55.20	107.7	55.38	107.4	55.59	106.5	55.98
	-24.8	-25	126.9	57.60	126.0	58.08	125.1	58.53	124.8	58.74	124.2	58.95	123.6	59.40
	-21.8	-22	137.4	59.55	136.5	60.03	135.6	60.48	135.3	60.72	134.7	60.96	132.3	60.33
	-19.8	-20	144.9	60.84	144.0	61.35	143.1	61.83	142.5	62.07	141.6	62.01	132.3	57.30
	-18.8	-19	148.8	61.53	147.9	62.01	147.0	62.52	146.4	62.76	141.6	60.45	132.3	55.86
	-16.7	-17	156.6	62.88	155.7	63.39	151.2	61.80	146.4	59.58	141.6	57.39	132.3	53.04
	-15	-15.9	161.4	63.69	160.5	64.20	151.2	59.97	146.4	57.81	141.6	55.68	132.3	51.48
	-13.7	-15	165.6	64.41	160.5	62.55	151.2	58.23	146.4	56.10	141.6	54.00	132.3	49.89
	-11.8	-13	170.1	63.69	160.5	59.58	151.2	55.53	146.4	53.55	141.6	51.60	132.3	47.67
	-9.8	-11	170.1	60.39	160.5	56.49	151.2	52.71	146.4	50.82	141.6	48.96	132.3	45.33
	-9.5	-10	170.1	58.89	160.5	55.11	151.2	51.42	146.4	49.59	141.6	47.79	132.3	44.25
	-8.5	-9.1	170.1	57.48	160.5	53.79	151.2	50.19	146.4	48.42	141.6	46.65	132.3	43.20
	-7	-7.6	170.1	55.17	160.5	51.66	151.2	48.21	146.4	46.53	141.6	44.85	132.3	41.52
	-5	-5.6	170.1	52.23	160.5	48.93	151.2	45.69	146.4	44.10	141.6	42.51	132.3	39.39
	-3	-3.7	170.1	49.56	160.5	46.44	151.2	43.38	146.4	41.88	141.6	40.41	132.3	37.47
	0	-0.7	170.1	45.66	160.5	42.81	151.2	40.02	146.4	38.67	141.6	37.29	132.3	34.62
	3	2.2	170.1	42.21	160.5	39.60	151.2	37.08	146.4	35.82	141.6	34.56	132.3	32.13
	5	4.1	161.1	36.93	151.5	34.56	141.9	32.22	137.1	31.08	132.3	29.91	122.7	27.66
	7	6	151.5	32.04	141.9	29.88	132.3	27.75	127.5	26.70	122.7	25.65	112.8	23.61
	9	7.9	141.9	27.57	132.3	25.62	122.4	23.70	117.6	22.77	112.8	21.81	102.9	19.95
	11	9.8	132.0	23.55	122.1	21.81	112.2	20.10	107.4	19.23	102.3	18.39	92.40	16.71
	13	11.8	121.5	19.89	111.6	18.33	101.7	16.80	96.60	16.05	91.80	15.30	81.60	13.80
	15	13.7	111.0	16.68	100.8	15.30	90.90	13.95	85.80	13.29	80.70	12.60	70.20	11.28
70	-30	-30.2	108.3	55.02	107.7	55.41	106.8	55.80	106.5	56.01	106.2	56.22	105.6	56.58

27. ARUM600LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	125.1	58.44	124.5	58.89	123.6	59.31	123.3	59.52	123.0	59.73	115.8	55.98
	-21.8	-22	135.6	60.51	134.7	60.96	132.3	60.33	128.1	58.17	123.9	56.04	115.8	51.87
	-19.8	-20	143.1	61.89	140.7	61.44	132.3	57.30	128.1	55.26	123.9	53.25	115.8	49.29
	-18.8	-19	146.7	62.61	140.7	59.85	132.3	55.86	128.1	53.88	123.9	51.93	115.8	48.06
	-16.7	-17	148.8	60.69	140.7	56.82	132.3	53.04	128.1	51.18	123.9	49.32	115.8	45.69
	-15	-15.9	148.8	58.89	140.7	55.14	132.3	51.48	128.1	49.65	123.9	47.82	115.8	44.25
	-13.7	-15	148.8	57.18	140.7	53.49	132.3	49.89	128.1	48.12	123.9	46.35	115.8	42.90
	-11.8	-13	148.8	54.54	140.7	51.09	132.3	47.67	128.1	45.96	123.9	44.31	115.8	41.01
	-9.8	-11	148.8	51.75	140.7	48.51	132.3	45.33	128.1	43.74	123.9	42.21	115.8	39.12
	-9.5	-10	148.8	50.49	140.7	47.34	132.3	44.25	128.1	42.72	123.9	41.19	115.8	38.22
	-8.5	-9.1	148.8	49.29	140.7	46.23	132.3	43.20	128.1	41.70	123.9	40.23	115.8	37.32
	-7	-7.6	148.8	47.37	140.7	44.43	132.3	41.52	128.1	40.11	123.9	38.70	115.8	35.91
	-5	-5.6	148.8	44.88	140.7	42.12	132.3	39.42	128.1	38.07	123.9	36.75	115.8	34.11
	-3	-3.7	148.8	42.63	140.7	40.02	132.3	37.47	128.1	36.21	123.9	34.95	115.8	32.46
	0	-0.7	148.8	39.33	140.7	36.96	132.3	34.62	128.1	33.48	123.9	32.34	115.8	30.06
	3	2.2	148.8	36.45	140.7	34.26	132.3	32.13	128.1	31.08	123.9	30.03	115.8	27.96
	5	4.1	141.0	31.98	132.6	29.97	124.2	27.99	120.0	27.03	115.8	26.07	107.4	24.15
	7	6	132.6	27.81	124.2	26.01	115.8	24.21	111.6	23.31	107.4	22.44	98.70	20.70
	9	7.9	124.2	24.06	115.8	22.41	107.1	20.79	102.9	19.98	98.70	19.17	90.00	17.61
	11	9.8	115.5	20.64	106.8	19.17	98.40	17.70	93.90	16.98	89.70	16.26	80.70	14.82
	13	11.8	106.5	17.52	97.80	16.20	89.10	14.91	84.60	14.25	80.10	13.62	71.40	12.36
	15	13.7	97.20	14.79	88.20	13.62	79.50	12.45	75.00	11.88	70.50	11.34	61.50	10.20
60	-30	-30.2	106.8	55.86	106.2	56.25	105.6	56.61	105.0	56.82	104.7	57.00	99.30	53.79
	-24.8	-25	123.3	59.52	120.6	58.56	113.4	54.69	109.8	52.80	106.2	50.91	99.30	47.16
	-21.8	-22	127.5	57.87	120.6	54.24	113.4	50.70	109.8	48.93	106.2	47.19	99.30	43.74
	-19.8	-20	127.5	54.99	120.6	51.57	113.4	48.18	109.8	46.53	106.2	44.88	99.30	41.61
	-18.8	-19	127.5	53.61	120.6	50.25	113.4	46.98	109.8	45.36	106.2	43.77	99.30	40.59
	-16.7	-17	127.5	50.91	120.6	47.76	113.4	44.64	109.8	43.11	106.2	41.61	99.30	38.61
	-15	-15.9	127.5	49.38	120.6	46.29	113.4	43.26	109.8	41.76	106.2	40.29	99.30	37.35
	-13.7	-15	127.5	47.88	120.6	44.88	113.4	41.94	109.8	40.50	106.2	39.06	99.30	36.24
	-11.8	-13	127.5	45.72	120.6	42.87	113.4	40.08	109.8	38.70	106.2	37.35	99.30	34.65
	-9.8	-11	127.5	43.53	120.6	40.89	113.4	38.22	109.8	36.90	106.2	35.61	99.30	33.06
	-9.5	-10	127.5	42.48	120.6	39.90	113.4	37.38	109.8	36.12	106.2	34.86	99.30	32.43
	-8.5	-9.1	127.5	41.49	120.6	38.97	113.4	36.51	109.8	35.28	106.2	34.08	99.30	31.68
	-7	-7.6	127.5	39.90	120.6	37.50	113.4	35.13	109.8	33.96	106.2	32.82	99.30	30.51
	-5	-5.6	127.5	37.86	120.6	35.61	113.4	33.39	109.8	32.28	106.2	31.20	99.30	29.04
	-3	-3.7	127.5	36.03	120.6	33.87	113.4	31.77	109.8	30.75	106.2	29.70	99.30	27.66
	0	-0.7	127.5	33.30	120.6	31.35	113.4	29.43	109.8	28.47	106.2	27.54	99.30	25.68
	3	2.2	127.5	30.93	120.6	29.13	113.4	27.36	109.8	26.49	106.2	25.65	99.30	23.94
	5	4.1	120.6	27.21	113.7	25.56	106.5	23.94	102.9	23.13	99.30	22.35	92.10	20.76
	7	6	113.7	23.76	106.5	22.26	99.30	20.79	95.70	20.07	92.10	19.35	84.60	17.91
	9	7.9	106.5	20.64	99.30	19.29	91.80	17.94	88.20	17.28	84.60	16.62	77.10	15.33
	11	9.8	99.00	17.82	91.50	16.59	84.30	15.39	80.40	14.79	76.80	14.19	69.30	13.02
	13	11.8	91.20	15.24	83.70	14.13	76.20	13.05	72.60	12.51	68.70	12.00	61.20	10.92
	15	13.7	83.10	12.96	75.60	11.97	68.10	11.01	64.20	10.56	60.30	10.08	52.80	9.15
50	-30	-30.2	104.7	56.97	100.5	54.51	94.50	50.97	91.50	49.23	88.50	47.49	82.80	44.07
	-24.8	-25	106.2	50.91	100.5	47.79	94.50	44.73	91.50	43.20	88.50	41.70	82.80	38.73

27. ARUM600LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	106.2	47.19	100.5	44.31	94.50	41.49	91.50	40.11	88.50	38.73	82.80	36.00
	-19.8	-20	106.2	44.88	100.5	42.15	94.50	39.48	91.50	38.16	88.50	36.87	82.80	34.26
	-18.8	-19	106.2	43.77	100.5	41.13	94.50	38.52	91.50	37.23	88.50	35.97	82.80	33.45
	-16.7	-17	106.2	41.61	100.5	39.12	94.50	36.66	91.50	35.43	88.50	34.23	82.80	31.86
	-15	-15.9	106.2	40.29	100.5	37.83	94.50	35.46	91.50	34.26	88.50	33.09	82.80	30.78
	-13.7	-15	106.2	39.06	100.5	36.69	94.50	34.38	91.50	33.24	88.50	32.10	82.80	29.85
	-11.8	-13	106.2	37.35	100.5	35.10	94.50	32.88	91.50	31.80	88.50	30.72	82.80	28.59
	-9.8	-11	106.2	35.61	100.5	33.48	94.50	31.38	91.50	30.36	88.50	29.31	82.80	27.30
	-9.5	-10	106.2	34.86	100.5	32.82	94.50	30.81	91.50	29.82	88.50	28.83	82.80	26.88
	-8.5	-9.1	106.2	34.08	100.5	32.10	94.50	30.12	91.50	29.16	88.50	28.20	82.80	26.28
	-7	-7.6	106.2	32.82	100.5	30.90	94.50	29.01	91.50	28.08	88.50	27.18	82.80	25.35
	-5	-5.6	106.2	31.20	100.5	29.40	94.50	27.60	91.50	26.73	88.50	25.86	82.80	24.15
	-3	-3.7	106.2	29.70	100.5	28.02	94.50	26.34	91.50	25.50	88.50	24.69	82.80	23.07
	0	-0.7	106.2	27.54	100.5	25.98	94.50	24.45	91.50	23.70	88.50	22.95	82.80	21.45
	3	2.2	106.2	25.65	100.5	24.21	94.50	22.80	91.50	22.11	88.50	21.42	82.80	20.07
	5	4.1	100.5	22.65	94.80	21.33	88.80	20.04	85.80	19.41	82.80	18.75	76.80	17.49
	7	6	94.80	19.89	88.80	18.69	82.80	17.52	79.80	16.92	76.80	16.35	70.50	15.18
	9	7.9	88.80	17.37	82.80	16.29	76.50	15.21	73.50	14.70	70.50	14.16	64.20	13.11
	11	9.8	82.50	15.12	76.50	14.13	70.20	13.14	67.20	12.66	63.90	12.18	57.60	11.25
	13	11.8	75.90	13.02	69.90	12.15	63.60	11.28	60.30	10.83	57.30	10.41	51.00	9.57
	15	13.7	69.30	11.19	63.00	10.41	56.70	9.63	53.70	9.24	50.40	8.85	43.80	8.10

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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27.5 Capacity Correction Factor

27.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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27.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

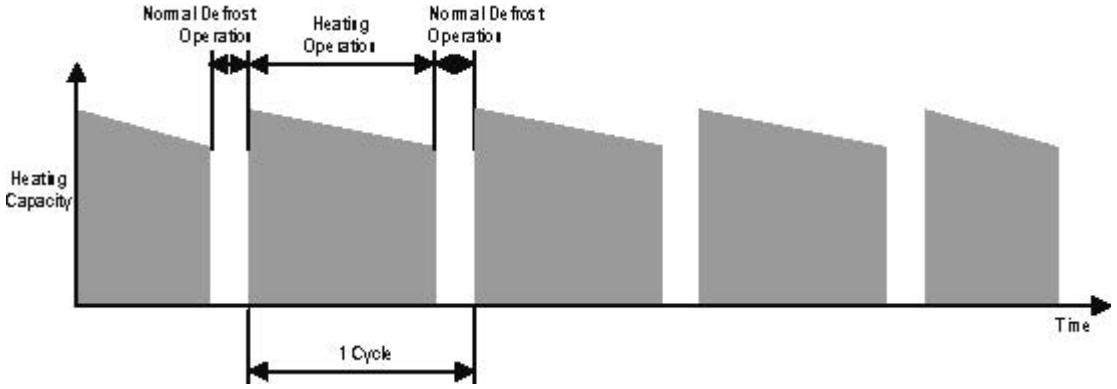
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

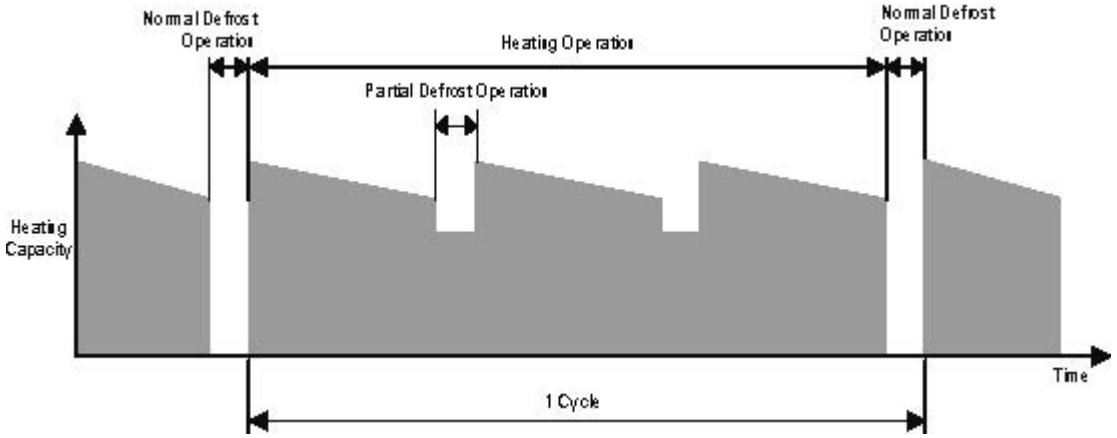
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

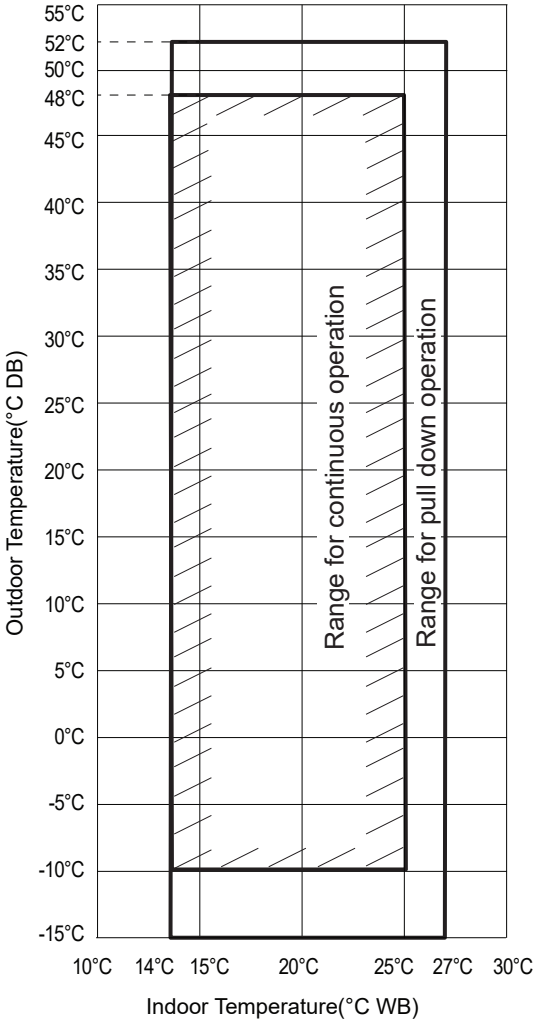


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

27. ARUM600LTE6

27.6 Operation Limits

27.6.1 Cooling

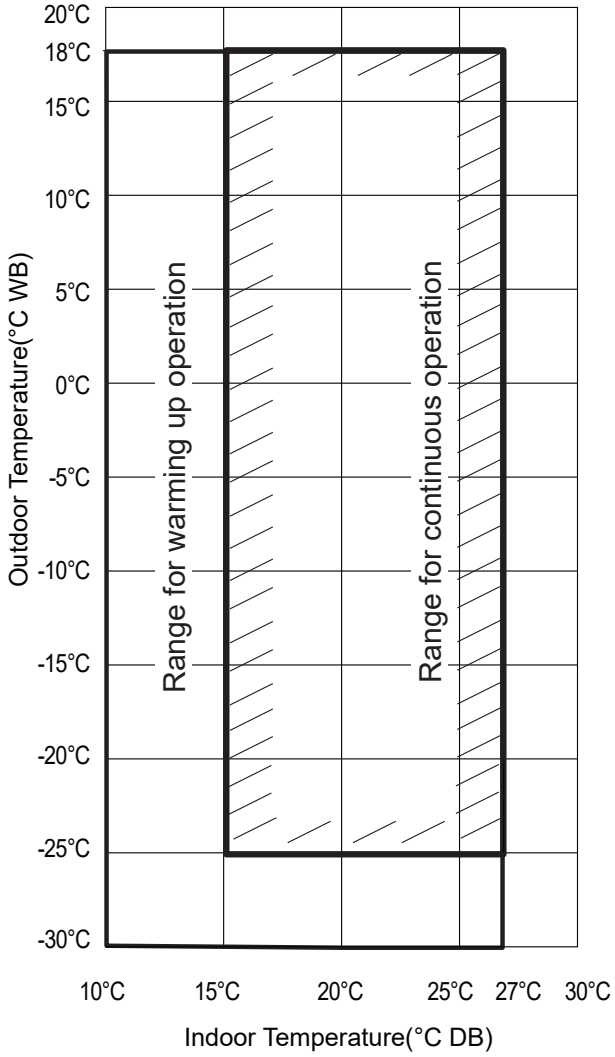


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

27. ARUM600LTE6

27.6.2 Heating

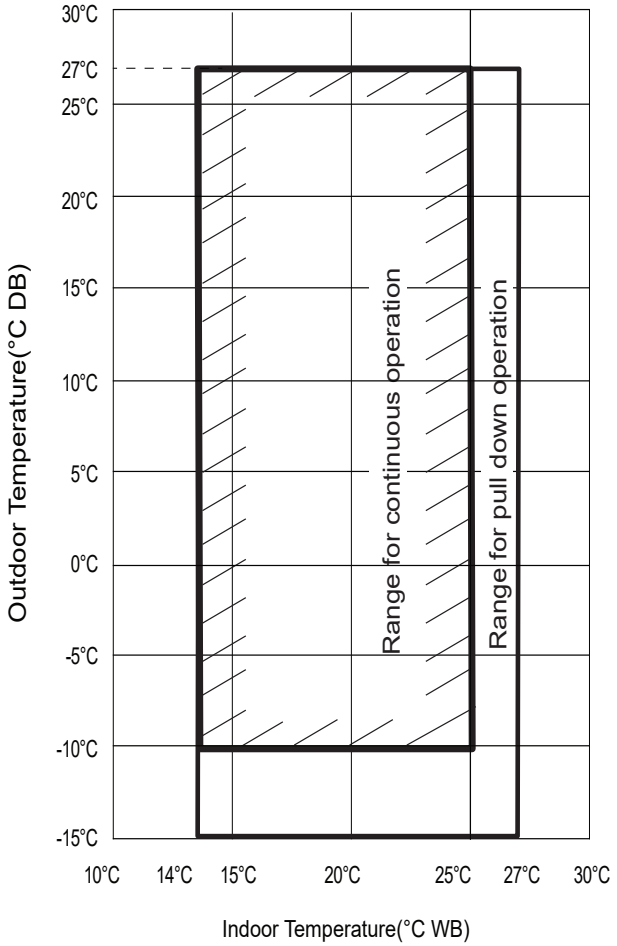


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

27. ARUM600LTE6

27.6.3 Simultaneous Operation (Cooling)

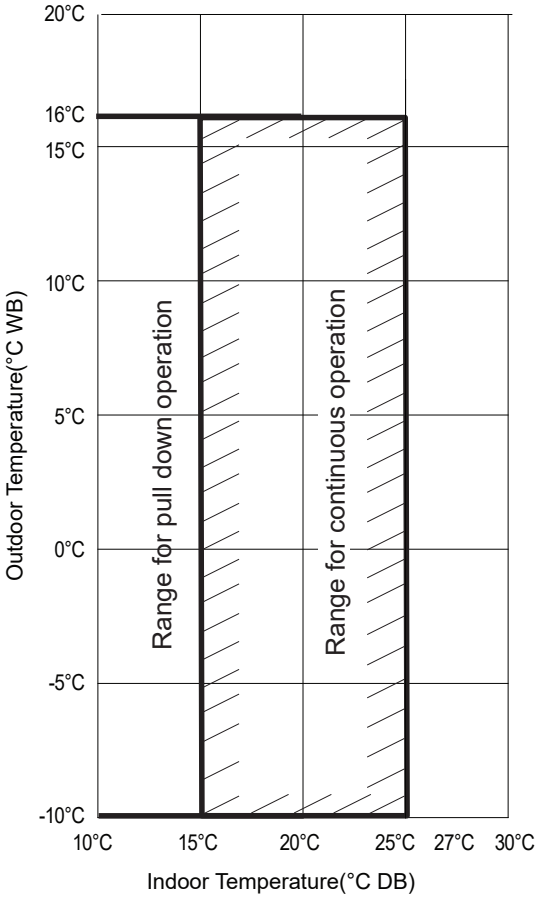


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

27. ARUM600LTE6

27.6.4 Simultaneous Operation (Heating)



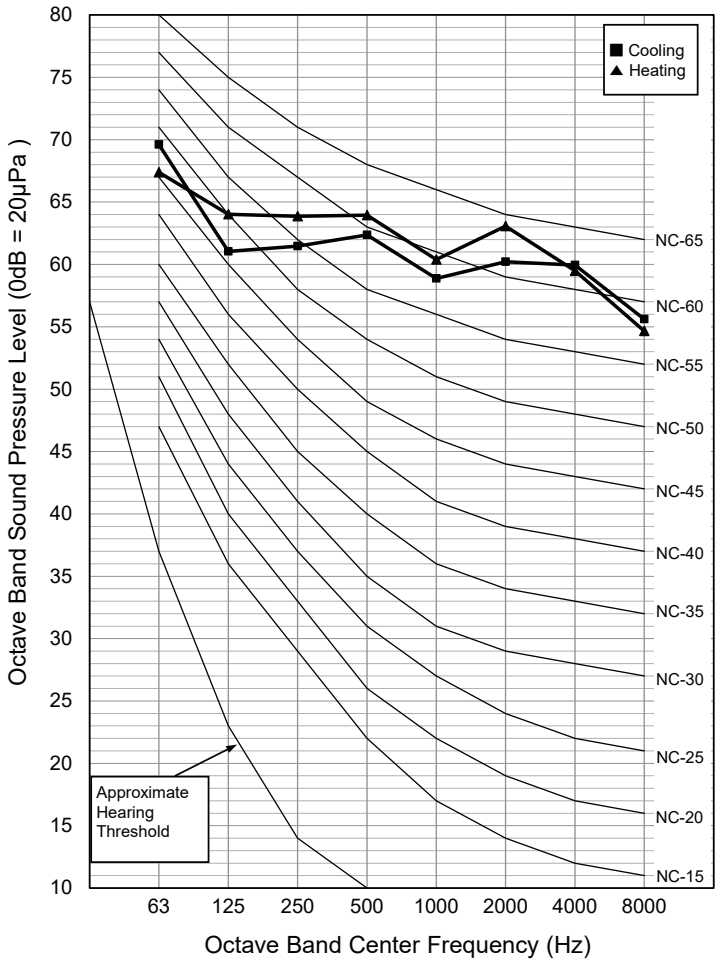
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

27. ARUM600LTE6

27.7 Sound Levels

27.7.1 Pressure Levels



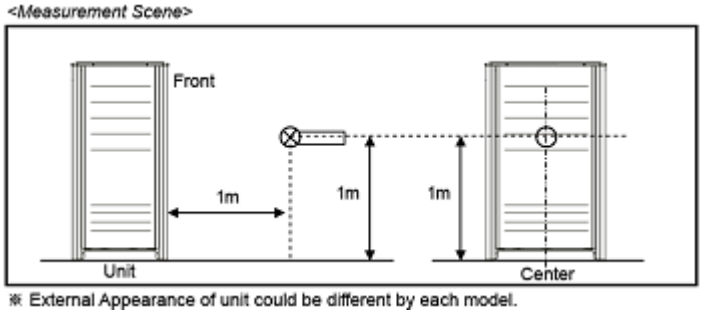
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.6	61.0	61.5	62.4	58.9	60.2	59.9	55.6
Heating[dB]	67.4	64.0	63.9	63.9	60.4	63.1	59.5	54.7

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	66.8 / 68.3

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

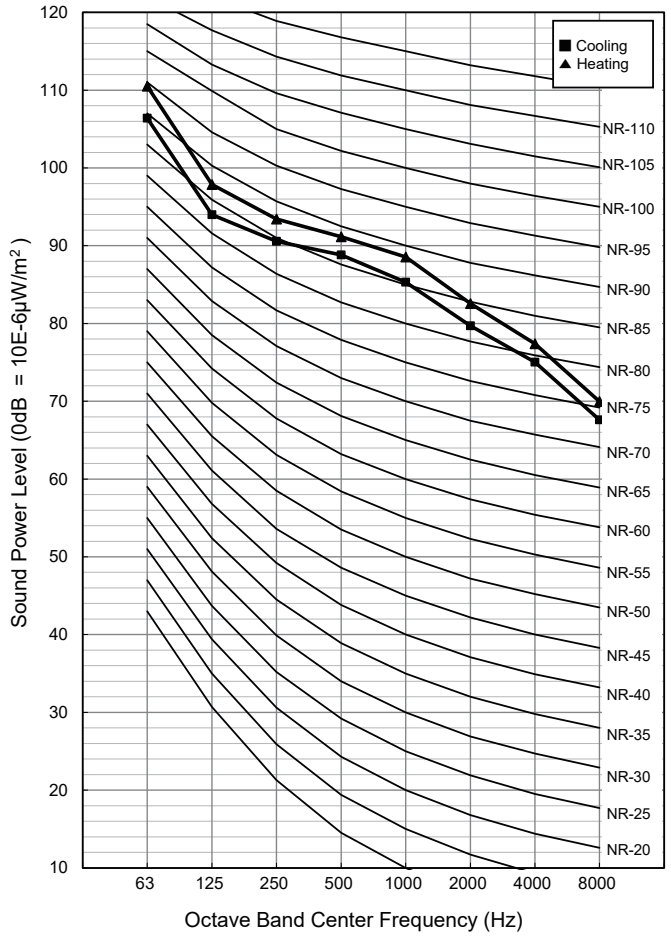
<Measurement Scene>



※ External Appearance of unit could be different by each model.

27. ARUM600LTE6

27.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	106.4	94.0	90.6	88.8	85.3	79.7	75.0	67.6
Heating[dB]	110.5	97.9	93.4	91.2	88.6	82.6	77.4	70.0

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.8 / 93.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

28. ARUM620LTE6

28.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXB + UXB
	Combination Unit (1)	-	ARUM220LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	93.25 - 88.59 - 85.39
	Running Current by Voltage (Heating,Rated)	A	67.37 - 64.01 - 61.69
Cooling Capacity	Rated	kW	173.6
		Btu/h	592,300
Heating Capacity	Rated	kW	173.6
		Btu/h	592,300
	Max	kW	195.3
		Btu/h	666,400
Power Input(Cooling)	Rated	kW	57.08
Power Input(Heating)	Rated	kW	41.24
Efficiency	EER(Rated)	W/W	3.04
	COP(Rated)	W/W	4.21
	SEER	Wh/Wh	8.01
	SCOP	Wh/Wh	4.96
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 6
	Number of Revolution	rev./min	3,600 x 6
	Motor Output	W x No.	5,300 x 6
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 1) + ((1,240 x 1,745 x 760) x 2)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 1) + ((1,282 x 1,919 x 802) x 2)
Weight	Net	kg	(362 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(372 x 1) + (310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

28. ARUM620LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	48.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	100.200
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	67.5 / 69.3
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.2 / 93.5
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	142.5
	Maximum Fuse Amperes (MFA)	A	175
	Total Over Current Amperes (TOCA)	A	158.0
	Comp_Maximum Starting Current (MSC)	A	35.4
	Comp_Rated Load Amperes (Cooling)	A	83.2
	Comp_Rated Load Amperes (Heating)	A	57.4
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

28. ARUM620LTE6

28.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

28. ARUM620LTE6

28.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

28. ARUM620LTE6

28.4 Capacity Tables

28.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	135.5	14.39	171.1	19.86	209.5	28.75	225.6	33.60	243.7	39.98	259.2	45.20	271.3	49.21
	12	135.5	15.72	171.1	21.93	209.5	31.72	225.6	36.98	243.7	43.83	259.2	49.01	271.3	53.13
	14	135.5	17.21	171.1	24.20	209.5	34.97	225.6	40.68	243.7	47.90	259.2	53.16	271.3	57.38
	16	135.5	18.86	171.1	26.72	209.5	38.54	225.6	44.73	243.7	52.16	259.2	57.61	271.3	61.97
	18	135.5	20.71	171.1	29.49	209.5	42.44	225.6	49.16	243.7	56.74	259.2	62.12	271.3	66.02
	20	135.5	22.75	171.1	32.51	209.5	46.72	225.6	53.89	243.7	60.75	259.2	65.47	271.3	69.05
	21	135.5	23.86	171.1	34.15	209.5	48.92	225.6	55.87	243.7	62.26	259.2	67.01	271.3	70.58
	23	135.5	26.25	171.1	37.62	209.5	52.39	225.6	59.36	243.7	65.44	259.2	70.26	271.3	73.88
	25	135.5	28.85	171.1	40.64	209.5	55.72	225.6	62.86	243.7	68.84	259.2	73.79	271.3	77.49
	27	135.5	31.30	171.1	43.30	209.5	59.32	225.6	66.31	243.7	72.51	259.2	77.64	271.3	81.49
	29	135.5	33.38	171.1	46.15	209.5	63.20	225.6	70.00	243.7	76.47	259.2	81.86	271.3	85.93
	31	135.5	35.59	171.1	49.20	209.5	67.44	225.6	73.97	243.7	80.80	259.2	86.59	271.3	91.01
	33	135.5	37.96	171.1	52.47	209.5	71.83	225.6	78.26	243.7	85.60	257.4	91.17	258.5	91.64
	35	135.5	40.47	171.1	55.97	209.5	76.07	225.6	82.96	241.1	89.81	241.3	89.96	241.4	89.98
	37	135.5	43.16	171.1	59.75	209.5	80.68	224.0	87.50	224.8	87.80	224.5	87.76	224.5	87.75
	39	135.5	46.02	171.1	63.83	208.1	85.10	208.1	85.18	208.1	85.12	208.0	85.13	208.0	85.12
	41	135.5	49.08	171.1	68.28	192.4	82.36	192.2	82.32	192.1	82.26	192.0	82.23	192.1	82.30
	43	135.5	52.39	171.1	73.18	176.9	77.20	176.7	77.19	176.7	77.09	176.7	77.19	176.5	77.08
	46	135.5	57.78	155.1	69.84	154.9	69.78	154.9	69.83	154.8	69.74	154.6	69.65	154.9	69.80
	48	135.5	61.76	141.3	65.35	141.0	65.30	141.0	65.27	141.2	65.37	141.0	65.33	141.0	65.31
	50	128.6	61.45	128.3	61.39	128.1	61.29	128.1	61.33	128.0	61.25	127.8	61.22	127.9	61.26
	52	114.3	55.14	115.2	53.43	115.8	51.78	115.9	51.45	115.8	51.03	115.8	50.71	115.8	50.50
120	10	125.2	13.21	158.1	17.56	193.4	24.58	208.3	28.40	225.0	33.41	239.3	38.31	250.5	42.39
	12	125.2	14.34	158.1	19.34	193.4	27.16	208.3	31.36	225.0	36.78	239.3	42.05	250.5	46.11
	14	125.2	15.63	158.1	21.31	193.4	30.00	208.3	34.58	225.0	40.45	239.3	46.13	250.5	50.15
	16	125.2	17.06	158.1	23.48	193.4	33.10	208.3	38.10	225.0	44.48	239.3	50.57	250.5	54.50
	18	125.2	18.68	158.1	25.90	193.4	36.51	208.3	41.96	225.0	48.90	239.3	55.11	250.5	59.20
	20	125.2	20.46	158.1	28.56	193.4	40.23	208.3	46.20	225.0	53.62	239.3	59.25	250.5	62.79
	21	125.2	21.41	158.1	29.98	193.4	42.22	208.3	48.42	225.0	55.59	239.3	60.84	250.5	64.33
	23	125.2	23.52	158.1	33.03	193.4	45.98	208.3	51.87	225.0	59.10	239.3	64.02	250.5	67.55
	25	125.2	25.82	158.1	36.12	193.4	48.97	208.3	55.19	225.0	62.66	239.3	67.38	250.5	71.01
	27	125.2	28.24	158.1	38.57	193.4	52.15	208.3	58.75	225.0	66.11	239.3	70.98	250.5	74.74
	29	125.2	30.13	158.1	41.11	193.4	55.57	208.3	62.59	225.0	69.78	239.3	74.88	250.5	78.82
	31	125.2	32.12	158.1	43.84	193.4	59.25	208.3	66.77	225.0	73.72	239.3	79.12	250.5	83.30
	33	125.2	34.24	158.1	46.73	193.4	63.22	208.3	71.32	225.0	78.01	239.3	83.77	250.5	88.32
	35	125.2	36.52	158.1	49.84	193.4	67.54	208.3	75.54	225.0	82.70	239.3	88.97	241.6	90.04
	37	125.2	38.95	158.1	53.17	193.4	72.27	208.3	80.12	224.0	87.43	224.8	87.81	224.5	87.73
	39	125.2	41.53	158.1	56.74	193.4	77.53	207.7	84.90	208.3	85.18	208.0	85.16	208.1	85.13
	41	125.2	44.30	158.1	60.60	192.4	82.33	192.3	82.34	192.2	82.28	192.0	82.23	191.9	82.22
	43	125.2	47.25	158.1	64.80	177.0	77.25	176.9	77.18	176.7	77.09	176.7	77.16	176.7	77.17
	46	125.2	52.09	155.1	69.90	154.9	69.72	154.9	69.72	154.9	69.78	154.8	69.75	154.9	69.76
	48	125.2	55.60	141.3	65.34	141.2	65.35	141.3	65.41	141.0	65.31	141.0	65.28	141.1	65.28
	50	125.2	59.39	128.4	61.36	128.1	61.33	128.1	61.35	128.1	61.37	127.8	61.17	128.1	61.24
	52	114.1	55.78	114.9	54.15	115.8	52.46	115.8	52.15	115.8	51.78	115.9	51.50	115.8	51.28
110	10	114.7	12.20	144.8	15.60	177.3	21.04	190.9	24.00	206.2	27.85	219.2	31.61	229.4	34.90
	12	114.7	13.15	144.8	17.10	177.3	23.24	190.9	26.52	206.2	30.75	219.2	34.86	229.4	38.39
	14	114.7	14.25	144.8	18.78	177.3	25.67	190.9	29.29	206.2	33.91	219.2	38.37	229.4	42.19

28. ARUM620LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	114.7	15.46	144.8	20.65	177.3	28.35	190.9	32.33	206.2	37.39	219.2	42.23	229.4	46.36
	18	114.7	16.85	144.8	22.73	177.3	31.29	190.9	35.65	206.2	41.19	219.2	46.44	229.4	50.92
	20	114.7	18.38	144.8	25.00	177.3	34.49	190.9	39.30	206.2	45.35	219.2	51.07	229.4	55.62
	21	114.7	19.22	144.8	26.23	177.3	36.21	190.9	41.26	206.2	47.57	219.2	53.08	229.4	57.62
	23	114.7	21.04	144.8	28.89	177.3	39.91	190.9	45.00	206.2	51.06	219.2	56.56	229.4	60.89
	25	114.7	23.05	144.8	31.80	177.3	42.80	190.9	48.00	206.2	54.32	219.2	60.16	229.4	64.17
	27	114.7	25.27	144.8	34.18	177.3	45.62	190.9	51.11	206.2	57.82	219.2	64.03	229.4	67.68
	29	114.7	27.12	144.8	36.45	177.3	48.61	190.9	54.45	206.2	61.61	219.2	67.73	229.4	71.41
	31	114.7	28.88	144.8	38.86	177.3	51.81	190.9	58.06	206.2	65.71	219.2	71.58	229.4	75.46
	33	114.7	30.79	144.8	41.43	177.3	55.25	190.9	61.93	206.2	70.21	219.2	75.75	229.4	79.85
	35	114.7	32.82	144.8	44.19	177.3	58.96	190.9	66.16	206.2	74.70	219.2	80.26	229.4	84.67
	37	114.7	35.00	144.8	47.11	177.3	62.97	190.9	70.76	206.2	79.20	219.2	85.22	224.6	87.76
	39	114.7	37.34	144.8	50.26	177.3	67.33	190.9	75.87	206.2	84.13	208.1	85.12	208.3	85.18
	41	114.7	39.82	144.8	53.63	177.3	72.12	190.9	81.53	192.5	82.37	192.2	82.33	192.2	82.33
	43	114.7	42.48	144.8	57.26	176.9	77.11	177.0	77.26	176.9	77.19	176.8	77.19	176.7	77.18
	46	114.7	46.81	144.8	63.26	154.9	69.78	154.8	69.75	154.9	69.85	154.9	69.85	154.6	69.66
	48	114.7	49.94	141.3	65.42	141.3	65.43	141.3	65.44	141.3	65.37	141.1	65.37	141.0	65.35
	50	114.7	53.29	128.4	61.45	128.2	61.33	128.1	61.33	128.1	61.28	128.1	61.26	128.1	61.32
	52	113.7	56.16	114.3	54.98	115.5	53.30	115.6	52.95	115.9	52.65	115.5	52.37	115.8	51.91
100	10	104.2	11.31	131.7	13.94	161.2	18.07	173.6	20.31	187.5	23.20	199.3	26.05	208.6	28.52
	12	104.2	12.12	131.7	15.20	161.2	19.91	173.6	22.42	187.5	25.65	199.3	28.79	208.6	31.48
	14	104.2	13.03	131.7	16.60	161.2	21.95	173.6	24.77	187.5	28.34	199.3	31.77	208.6	34.71
	16	104.2	14.07	131.7	18.16	161.2	24.22	173.6	27.33	187.5	31.30	199.3	35.05	208.6	38.26
	18	104.2	15.22	131.7	19.91	161.2	26.71	173.6	30.17	187.5	34.53	199.3	38.63	208.6	42.14
	20	104.2	16.54	131.7	21.88	161.2	29.45	173.6	33.27	187.5	38.05	199.3	42.56	208.6	46.37
	21	104.2	17.23	131.7	22.92	161.2	30.92	173.6	34.93	187.5	39.95	199.3	44.66	208.6	48.61
	23	104.2	18.79	131.7	25.19	161.2	34.08	173.6	38.50	187.5	43.71	199.3	48.32	208.6	52.04
	25	104.2	20.54	131.7	27.69	161.2	37.20	173.6	41.47	187.5	46.65	199.3	51.42	208.6	55.36
	27	104.2	22.46	131.7	30.16	161.2	39.65	173.6	44.20	187.5	49.69	199.3	54.75	208.6	58.94
	29	104.2	24.30	131.7	32.14	161.2	42.27	173.6	47.09	187.5	52.96	199.3	58.33	208.6	62.81
	31	104.2	25.86	131.7	34.26	161.2	45.07	173.6	50.20	187.5	56.45	199.3	62.20	208.6	67.00
	33	104.2	27.55	131.7	36.54	161.2	48.05	173.6	53.53	187.5	60.21	199.3	66.40	208.6	71.51
	35	104.2	29.37	131.7	38.97	161.2	51.23	173.6	57.12	187.5	64.30	199.3	71.00	208.6	75.72
	37	104.2	31.31	131.7	41.55	161.2	54.67	173.6	60.97	187.5	68.75	199.3	76.07	208.6	80.31
	39	104.2	33.39	131.7	44.31	161.2	58.36	173.6	65.17	187.5	73.64	199.3	80.80	207.8	84.98
	41	104.2	35.63	131.7	47.27	161.2	62.34	173.6	69.75	187.5	79.07	192.2	82.28	192.4	82.33
	43	104.2	38.01	131.7	50.42	161.2	66.70	173.6	74.81	176.8	77.17	176.9	77.24	176.9	77.23
	46	104.2	41.89	131.7	55.61	154.9	69.80	155.1	69.80	155.0	69.79	155.0	69.82	154.9	69.74
	48	104.2	44.69	131.7	59.38	141.5	65.45	141.3	65.42	141.2	65.35	141.2	65.36	141.2	65.39
	50	104.2	47.68	128.4	61.35	128.3	61.34	128.3	61.35	128.1	61.28	128.1	61.29	128.1	61.29
	52	104.2	50.87	114.2	55.44	114.7	54.25	115.0	53.72	115.5	53.21	115.8	52.68	115.9	52.34
90	10	93.90	10.57	118.5	12.55	145.1	15.61	156.2	17.27	168.7	19.41	179.5	21.47	187.8	23.29
	12	93.90	11.23	118.5	13.57	145.1	17.13	156.2	19.01	168.7	21.42	179.5	23.73	187.8	25.74
	14	93.90	11.97	118.5	14.73	145.1	18.81	156.2	20.93	168.7	23.65	179.5	26.22	187.8	28.43
	16	93.90	12.82	118.5	16.03	145.1	20.69	156.2	23.07	168.7	26.08	179.5	28.96	187.8	31.39
	18	93.90	13.79	118.5	17.49	145.1	22.76	156.2	25.43	168.7	28.79	179.5	31.94	187.8	34.63
	20	93.90	14.87	118.5	19.12	145.1	25.06	156.2	28.02	168.7	31.74	179.5	35.23	187.8	38.17
	21	93.90	15.48	118.5	19.99	145.1	26.29	156.2	29.43	168.7	33.32	179.5	37.00	187.8	40.08
	23	93.90	16.79	118.5	21.91	145.1	28.94	156.2	32.42	168.7	36.74	179.5	40.71	187.8	43.82
	25	93.90	18.26	118.5	24.02	145.1	31.86	156.2	35.51	168.7	39.77	179.5	43.61	187.8	46.78
	27	93.90	19.91	118.5	26.36	145.1	34.24	156.2	37.93	168.7	42.39	179.5	46.46	187.8	49.82

28. ARUM620LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	93.90	21.68	118.5	28.19	145.1	36.51	156.2	40.43	168.7	45.18	179.5	49.51	187.8	53.09
	31	93.90	23.06	118.5	30.04	145.1	38.92	156.2	43.12	168.7	48.17	179.5	52.78	187.8	56.61
	33	93.90	24.54	118.5	32.03	145.1	41.49	156.2	45.98	168.7	51.37	179.5	56.28	187.8	60.39
	35	93.90	26.13	118.5	34.15	145.1	44.25	156.2	49.03	168.7	54.78	179.5	60.06	187.8	64.46
	37	93.90	27.86	118.5	36.40	145.1	47.20	156.2	52.28	168.7	58.47	179.5	64.16	187.8	68.94
	39	93.90	29.72	118.5	38.83	145.1	50.35	156.2	55.81	168.7	62.45	179.5	68.64	187.8	73.85
	41	93.90	31.70	118.5	41.41	145.1	53.73	156.2	59.59	168.7	66.80	179.5	73.54	187.8	79.31
	43	93.90	33.82	118.5	44.17	145.1	57.36	156.2	63.68	168.7	71.55	177.0	77.24	177.0	77.24
	46	93.90	37.28	118.5	48.67	145.1	63.36	155.1	69.86	155.1	69.80	154.9	69.78	155.1	69.84
	48	93.90	39.79	118.5	51.94	141.5	65.48	141.3	65.42	141.3	65.38	141.2	65.36	141.3	65.39
	50	93.90	42.46	118.5	55.45	128.4	61.45	128.4	61.44	128.3	61.38	128.3	61.38	128.3	61.36
	52	93.90	45.32	113.8	55.99	114.5	54.75	114.9	54.25	115.3	53.69	115.5	53.20	115.9	52.81
80	10	83.40	9.36	105.4	11.40	128.9	13.62	138.9	14.80	150.0	16.31	159.4	17.79	167.0	19.07
	12	83.40	10.48	105.4	12.22	128.9	14.82	138.9	16.19	150.0	17.93	159.4	19.60	167.0	21.04
	14	83.40	11.07	105.4	13.14	128.9	16.18	138.9	17.75	150.0	19.71	159.4	21.61	167.0	23.23
	16	83.40	11.75	105.4	14.20	128.9	17.70	138.9	19.47	150.0	21.71	159.4	23.83	167.0	25.63
	18	83.40	12.53	105.4	15.37	128.9	19.39	138.9	21.39	150.0	23.92	159.4	26.29	167.0	28.28
	20	83.40	13.42	105.4	16.71	128.9	21.25	138.9	23.52	150.0	26.34	159.4	28.98	167.0	31.19
	21	83.40	13.91	105.4	17.42	128.9	22.28	138.9	24.66	150.0	27.64	159.4	30.41	167.0	32.74
	23	83.40	15.01	105.4	19.01	128.9	24.46	138.9	27.15	150.0	30.45	159.4	33.51	167.0	36.08
	25	83.40	16.22	105.4	20.77	128.9	26.88	138.9	29.87	150.0	33.47	159.4	36.63	167.0	39.15
	27	83.40	17.61	105.4	22.72	128.9	29.35	138.9	32.30	150.0	35.85	159.4	39.09	167.0	41.74
	29	83.40	19.17	105.4	24.56	128.9	31.27	138.9	34.44	150.0	38.23	159.4	41.66	167.0	44.50
	31	83.40	20.47	105.4	26.15	128.9	33.35	138.9	36.72	150.0	40.76	159.4	44.42	167.0	47.42
	33	83.40	21.74	105.4	27.87	128.9	35.56	138.9	39.15	150.0	43.46	159.4	47.37	167.0	50.57
	35	83.40	23.14	105.4	29.70	128.9	37.91	138.9	41.73	150.0	46.35	159.4	50.49	167.0	53.94
	37	83.40	24.64	105.4	31.66	128.9	40.44	138.9	44.52	150.0	49.41	159.4	53.86	167.0	57.56
	39	83.40	26.27	105.4	33.78	128.9	43.12	138.9	47.48	150.0	52.72	159.4	57.51	167.0	61.47
	41	83.40	28.03	105.4	36.03	128.9	46.00	138.9	50.66	150.0	56.28	159.4	61.43	167.0	65.71
	43	83.40	29.92	105.4	38.44	128.9	49.06	138.9	54.04	150.0	60.10	159.4	65.68	167.0	70.36
	46	83.40	32.99	105.4	42.37	128.9	54.09	138.9	59.65	150.0	66.48	154.9	69.79	154.9	69.82
	48	83.40	35.24	105.4	45.20	128.9	57.76	138.9	63.77	141.3	65.42	141.3	65.36	141.3	65.36
	50	83.40	37.62	105.4	48.23	128.4	61.36	128.4	61.40	128.3	61.36	128.3	61.31	128.1	61.31
	52	83.40	40.16	105.4	51.45	114.1	55.39	114.5	54.86	114.9	54.28	115.1	53.81	115.5	53.43
70	10	73.10	7.79	92.10	10.41	112.8	12.02	121.5	12.84	131.2	13.88	139.5	14.90	146.0	15.76
	12	73.10	9.81	92.10	11.10	112.8	12.96	121.5	13.92	131.2	15.13	139.5	16.29	146.0	17.29
	14	73.10	10.27	92.10	11.81	112.8	14.00	121.5	15.12	131.2	16.53	139.5	17.85	146.0	19.00
	16	73.10	10.82	92.10	12.63	112.8	15.20	121.5	16.48	131.2	18.09	139.5	19.60	146.0	20.89
	18	73.10	11.44	92.10	13.57	112.8	16.53	121.5	18.01	131.2	19.84	139.5	21.55	146.0	22.99
	20	73.10	12.15	92.10	14.64	112.8	18.02	121.5	19.70	131.2	21.76	139.5	23.69	146.0	25.32
	21	73.10	12.54	92.10	15.22	112.8	18.84	121.5	20.61	131.2	22.82	139.5	24.85	146.0	26.56
	23	73.10	13.42	92.10	16.49	112.8	20.59	121.5	22.61	131.2	25.07	139.5	27.35	146.0	29.24
	25	73.10	14.41	92.10	17.92	112.8	22.57	121.5	24.80	131.2	27.56	139.5	30.10	146.0	32.19
	27	73.10	15.55	92.10	19.52	112.8	24.72	121.5	27.17	131.2	30.03	139.5	32.52	146.0	34.57
	29	73.10	16.85	92.10	21.27	112.8	26.57	121.5	29.04	131.2	31.99	139.5	34.67	146.0	36.87
	31	73.10	18.09	92.10	22.62	112.8	28.30	121.5	30.95	131.2	34.12	139.5	36.98	146.0	39.31
	33	73.10	19.17	92.10	24.08	112.8	30.16	121.5	33.00	131.2	36.38	139.5	39.42	146.0	41.91
	35	73.10	20.37	92.10	25.64	112.8	32.17	121.5	35.19	131.2	38.79	139.5	42.03	146.0	44.70
	37	73.10	21.67	92.10	27.31	112.8	34.29	121.5	37.53	131.2	41.38	139.5	44.82	146.0	47.66
	39	73.10	23.08	92.10	29.14	112.8	36.59	121.5	40.03	131.2	44.12	139.5	47.81	146.0	50.84
	41	73.10	24.62	92.10	31.09	112.8	39.01	121.5	42.70	131.2	47.07	139.5	51.01	146.0	54.25

28. ARUM620LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	73.10	26.28	92.10	33.17	112.8	41.62	121.5	45.53	131.2	50.20	139.5	54.43	146.0	57.92
	46	73.10	28.99	92.10	36.57	112.8	45.87	121.5	50.18	131.2	55.36	139.5	60.07	146.0	64.00
	48	73.10	30.98	92.10	39.04	112.8	48.93	121.5	53.56	131.2	59.12	139.5	64.25	141.5	65.42
	50	73.10	33.10	92.10	41.65	112.8	52.22	121.5	57.17	128.4	61.40	128.4	61.33	128.4	61.38
	52	73.10	35.35	92.10	44.45	112.8	55.73	114.0	55.74	114.3	55.14	114.7	54.59	114.9	54.23
60	10	62.60	6.17	79.00	8.65	96.70	10.77	104.1	11.31	112.5	11.99	119.6	12.65	125.2	13.23
	12	62.60	8.88	79.00	10.19	96.70	11.45	104.1	12.10	112.5	12.92	119.6	13.70	125.2	14.36
	14	62.60	9.27	79.00	10.72	96.70	12.24	104.1	13.00	112.5	13.97	119.6	14.87	125.2	15.64
	16	62.60	9.72	79.00	11.33	96.70	13.14	104.1	14.04	112.5	15.14	119.6	16.20	125.2	17.07
	18	62.60	10.24	79.00	12.05	96.70	14.15	104.1	15.19	112.5	16.47	119.6	17.68	125.2	18.68
	20	62.60	10.83	79.00	12.86	96.70	15.31	104.1	16.51	112.5	17.96	119.6	19.32	125.2	20.47
	21	62.60	11.15	79.00	13.32	96.70	15.94	104.1	17.20	112.5	18.77	119.6	20.22	125.2	21.44
	23	62.60	11.87	79.00	14.30	96.70	17.31	104.1	18.76	112.5	20.53	119.6	22.17	125.2	23.52
	25	62.60	12.69	79.00	15.44	96.70	18.86	104.1	20.48	112.5	22.48	119.6	24.31	125.2	25.83
	27	62.60	13.63	79.00	16.71	96.70	20.58	104.1	22.42	112.5	24.65	119.6	26.66	125.2	28.24
	29	62.60	14.70	79.00	18.15	96.70	22.38	104.1	24.26	112.5	26.50	119.6	28.51	125.2	30.14
	31	62.60	15.87	79.00	19.43	96.70	23.79	104.1	25.82	112.5	28.22	119.6	30.37	125.2	32.13
	33	62.60	16.79	79.00	20.63	96.70	25.32	104.1	27.49	112.5	30.08	119.6	32.39	125.2	34.27
	35	62.60	17.80	79.00	21.94	96.70	26.98	104.1	29.31	112.5	32.07	119.6	34.54	125.2	36.54
	37	62.60	18.91	79.00	23.34	96.70	28.77	104.1	31.24	112.5	34.19	119.6	36.82	125.2	38.96
	39	62.60	20.12	79.00	24.90	96.70	30.69	104.1	33.33	112.5	36.47	119.6	39.28	125.2	41.56
	41	62.60	21.45	79.00	26.54	96.70	32.74	104.1	35.57	112.5	38.91	119.6	41.89	125.2	44.32
	43	62.60	22.89	79.00	28.33	96.70	34.93	104.1	37.94	112.5	41.49	119.6	44.69	125.2	47.28
	46	62.60	25.27	79.00	31.27	96.70	38.51	104.1	41.79	112.5	45.71	119.6	49.24	125.2	52.12
	48	62.60	27.01	79.00	33.39	96.70	41.08	104.1	44.59	112.5	48.77	119.6	52.53	125.2	55.63
	50	62.60	28.87	79.00	35.66	96.70	43.83	104.1	47.58	112.5	52.05	119.6	56.10	125.2	59.43
	52	62.60	30.89	79.00	38.08	96.70	46.76	104.1	50.77	112.5	55.56	114.0	55.77	114.1	55.34
50	10	52.10	4.79	65.80	6.65	80.60	8.89	86.80	9.84	93.70	10.57	99.80	10.98	104.4	11.32
	12	52.10	7.36	65.80	9.17	80.60	10.29	86.80	10.70	93.70	11.22	99.80	11.71	104.4	12.12
	14	52.10	8.28	65.80	9.59	80.60	10.84	86.80	11.33	93.70	11.97	99.80	12.55	104.4	13.03
	16	52.10	8.64	65.80	10.07	80.60	11.47	86.80	12.08	93.70	12.81	99.80	13.49	104.4	14.07
	18	52.10	9.04	65.80	10.61	80.60	12.21	86.80	12.92	93.70	13.77	99.80	14.57	104.4	15.22
	20	52.10	9.50	65.80	11.25	80.60	13.06	86.80	13.87	93.70	14.87	99.80	15.77	104.4	16.54
	21	52.10	9.76	65.80	11.58	80.60	13.52	86.80	14.39	93.70	15.46	99.80	16.43	104.4	17.26
	23	52.10	10.34	65.80	12.36	80.60	14.55	86.80	15.56	93.70	16.76	99.80	17.88	104.4	18.81
	25	52.10	11.00	65.80	13.24	80.60	15.70	86.80	16.86	93.70	18.25	99.80	19.50	104.4	20.54
	27	52.10	11.75	65.80	14.25	80.60	17.03	86.80	18.32	93.70	19.88	99.80	21.30	104.4	22.46
	29	52.10	12.60	65.80	15.39	80.60	18.50	86.80	19.96	93.70	21.65	99.80	23.13	104.4	24.30
	31	52.10	13.55	65.80	16.59	80.60	19.79	86.80	21.28	93.70	23.03	99.80	24.60	104.4	25.87
	33	52.10	14.38	65.80	17.54	80.60	21.02	86.80	22.62	93.70	24.50	99.80	26.19	104.4	27.56
	35	52.10	15.20	65.80	18.59	80.60	22.36	86.80	24.08	93.70	26.10	99.80	27.91	104.4	29.38
	37	52.10	16.09	65.80	19.76	80.60	23.80	86.80	25.65	93.70	27.82	99.80	29.75	104.4	31.33
	39	52.10	17.09	65.80	21.03	80.60	25.37	86.80	27.35	93.70	29.68	99.80	31.73	104.4	33.42
	41	52.10	18.20	65.80	22.41	80.60	27.06	86.80	29.17	93.70	31.65	99.80	33.85	104.4	35.64
	43	52.10	19.42	65.80	23.91	80.60	28.88	86.80	31.13	93.70	33.79	99.80	36.13	104.4	38.02
	46	52.10	21.48	65.80	26.41	80.60	31.88	86.80	34.35	93.70	37.24	99.80	39.81	104.4	41.89
	48	52.10	23.05	65.80	28.21	80.60	34.03	86.80	36.66	93.70	39.73	99.80	42.48	104.4	44.69
	50	52.10	24.78	65.80	30.17	80.60	36.35	86.80	39.12	93.70	42.40	99.80	45.32	104.4	47.69
	52	52.10	26.67	65.80	32.25	80.60	38.80	86.80	41.76	93.70	45.25	99.80	48.35	104.4	50.90

28. ARUM620LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

28. ARUM620LTE6

28.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	36.90	2.65	59.20	4.24	84.00	6.05	89.90	6.50	95.80	6.95	102.0	7.45	108.5	8.07
	12	36.90	2.65	59.20	4.24	84.00	6.10	89.90	6.56	95.80	7.01	102.0	7.51	108.5	8.18
	14	36.90	2.66	59.20	4.27	84.00	6.19	89.90	6.65	95.80	7.13	102.0	7.65	108.5	8.36
	16	36.90	2.66	59.20	4.33	84.00	6.33	89.90	6.82	95.80	7.34	102.0	7.92	108.5	8.74
	18	36.90	2.69	59.20	4.44	84.00	6.63	89.90	7.20	95.80	7.80	102.0	8.49	108.5	9.54
	20	36.90	2.78	59.20	4.70	84.00	7.42	89.90	8.17	95.80	8.99	102.0	9.93	108.5	11.59
	21	41.80	3.45	63.90	5.91	88.40	9.95	94.20	10.75	100.1	11.37	106.0	12.01	111.9	13.01
	23	51.50	7.92	73.40	9.86	97.70	12.58	103.2	13.28	108.8	14.05	113.8	14.76	119.3	15.92
	25	61.70	9.81	83.10	12.23	107.2	15.75	112.3	16.62	117.8	17.55	121.9	18.32	126.8	19.67
	27	71.90	12.41	93.00	15.41	116.9	19.92	121.8	20.98	126.8	22.05	130.2	22.78	141.7	25.94
	29	82.50	15.91	103.0	19.49	126.8	24.61	131.4	25.71	136.4	26.90	144.5	29.01	167.5	36.43
	31	93.30	20.00	113.5	24.10	137.0	30.22	141.3	31.45	153.5	35.10	171.1	40.82	193.4	50.44
	33	104.5	25.04	124.0	29.83	147.3	37.13	162.2	42.31	180.5	49.37	197.4	56.58	219.2	69.20
	35	115.9	31.41	135.1	36.98	172.9	51.77	189.1	59.32	207.4	68.69	223.8	77.29	245.2	88.16
	37	115.9	33.52	135.1	39.47	172.9	55.27	189.1	63.37	207.4	73.57	223.8	82.03	229.9	86.63
	39	115.9	35.77	135.1	42.11	172.9	59.02	189.1	67.78	207.4	78.95	215.4	83.25	212.8	83.84
	41	115.9	38.18	135.1	44.94	172.9	63.09	189.1	72.64	198.8	78.90	198.8	78.92	196.4	80.02
	43	115.9	40.75	135.1	47.96	172.9	67.51	183.0	73.82	182.7	73.75	182.7	73.74	180.8	74.89
	46	115.9	44.92	135.1	52.87	160.5	66.96	160.5	66.95	160.3	66.91	160.4	66.91	158.3	67.71
	48	115.9	47.94	135.1	56.46	146.3	62.77	146.4	62.87	146.3	62.83	146.0	62.70	144.4	63.51
	50	115.9	51.16	133.0	59.02	132.8	58.97	132.7	59.01	132.7	58.97	132.6	58.95	130.9	59.66
	52	114.7	53.79	116.8	51.88	118.0	50.35	118.2	50.02	118.5	49.67	118.8	49.38	118.3	49.73
120	10	34.10	2.45	54.60	3.91	77.50	5.58	82.80	5.98	88.40	6.40	94.20	6.83	100.1	7.36
	12	34.10	2.45	54.60	3.91	77.50	5.61	82.80	6.03	88.40	6.43	94.20	6.89	100.1	7.44
	14	34.10	2.46	54.60	3.94	77.50	5.67	82.80	6.10	88.40	6.54	94.20	7.00	100.1	7.59
	16	34.10	2.46	54.60	3.97	77.50	5.79	82.80	6.24	88.40	6.69	94.20	7.20	100.1	7.88
	18	34.10	2.49	54.60	4.06	77.50	6.02	82.80	6.53	88.40	7.07	94.20	7.64	100.1	8.52
	20	34.10	2.55	54.60	4.26	77.50	6.63	82.80	7.29	88.40	7.98	94.20	8.76	100.1	10.22
	21	38.50	3.11	58.90	5.25	81.60	8.75	87.10	9.76	92.40	10.49	97.70	11.11	103.5	11.99
	23	47.70	7.56	67.60	9.28	90.20	11.67	95.20	12.26	100.4	12.93	105.1	13.54	110.1	14.55
	25	57.00	9.29	76.60	11.42	98.90	14.46	103.8	15.20	108.8	16.00	112.5	16.65	116.9	17.84
	27	66.40	11.60	85.80	14.25	107.9	18.12	112.5	19.02	117.2	19.99	120.3	20.66	130.8	23.47
	29	76.20	14.75	95.10	17.95	116.9	22.41	121.2	23.35	125.8	24.38	133.6	26.22	154.7	32.59
	31	86.20	18.49	104.8	22.06	126.4	27.35	130.5	28.42	141.7	31.56	157.8	36.47	178.6	44.70
	33	96.40	22.96	114.7	27.14	136.1	33.45	149.7	37.92	166.7	43.96	182.3	50.07	202.4	60.67
	35	107.0	28.62	124.7	33.45	159.6	46.19	174.6	52.58	191.5	60.42	206.5	68.17	226.3	79.94
	37	107.0	30.54	124.7	35.69	159.6	49.30	174.6	56.13	191.5	64.58	206.5	72.97	226.3	84.90
	39	107.0	32.59	124.7	38.10	159.6	52.61	174.6	59.95	191.5	69.09	206.5	78.32	212.9	83.86
	41	107.0	34.78	124.7	40.67	159.6	56.17	174.6	64.09	191.5	74.05	198.8	78.86	196.4	79.97
	43	107.0	37.13	124.7	43.40	159.6	60.00	174.6	68.60	183.0	73.80	182.9	73.76	180.7	74.74
	46	107.0	40.96	124.7	47.83	159.6	66.36	160.5	66.93	160.3	66.91	160.2	66.87	158.3	67.74
	48	107.0	43.70	124.7	51.04	146.3	62.83	146.3	62.83	146.3	62.80	146.1	62.72	144.4	63.55
	50	107.0	46.63	124.7	54.48	132.8	58.99	132.8	59.00	133.3	59.27	132.8	58.95	131.1	59.65
	52	107.0	49.78	116.5	52.55	117.6	50.97	117.8	50.66	118.0	50.35	118.1	50.07	117.8	50.54
110	10	31.30	2.23	50.20	3.58	71.00	5.10	76.00	5.46	81.00	5.84	86.20	6.24	91.80	6.70
	12	31.30	2.23	50.20	3.58	71.00	5.12	76.00	5.51	81.00	5.88	86.20	6.27	91.80	6.78
	14	31.30	2.23	50.20	3.61	71.00	5.18	76.00	5.55	81.00	5.96	86.20	6.36	91.80	6.87
	16	31.30	2.26	50.20	3.64	71.00	5.26	76.00	5.66	81.00	6.08	86.20	6.53	91.80	7.10
	18	31.30	2.26	50.20	3.70	71.00	5.44	76.00	5.89	81.00	6.36	86.20	6.85	91.80	7.59

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	31.30	2.30	50.20	3.85	71.00	5.91	76.00	6.47	81.00	7.07	86.20	7.72	91.80	8.87
	21	35.30	2.79	54.00	4.65	74.80	7.56	79.70	8.40	84.60	9.34	89.60	10.10	94.80	11.05
	23	43.70	7.23	62.00	8.76	82.70	10.83	87.40	11.35	92.10	11.89	96.40	12.39	101.0	13.28
	25	52.10	8.76	70.30	10.65	90.60	13.26	95.10	13.88	99.60	14.56	103.2	15.11	107.2	16.13
	27	60.80	10.83	78.70	13.15	98.90	16.45	103.0	17.22	107.3	18.03	110.3	18.60	119.9	21.08
	29	69.80	13.62	87.10	16.43	107.3	20.36	111.2	21.17	115.3	22.05	122.4	23.60	141.7	29.04
	31	79.00	17.06	96.10	20.12	115.9	24.69	119.6	25.59	129.9	28.28	144.8	32.46	163.7	39.42
	33	88.40	21.01	105.1	24.58	124.6	30.02	137.3	33.82	152.8	38.95	167.1	44.11	185.4	52.96
	35	98.00	25.99	114.4	30.14	146.3	41.02	160.0	46.41	175.5	52.96	189.4	59.33	207.4	70.86
	37	98.00	27.72	114.4	32.16	146.3	43.77	160.0	49.53	175.5	56.55	189.4	63.40	207.4	75.95
	39	98.00	29.58	114.4	34.34	146.3	46.70	160.0	52.87	175.5	60.40	189.4	67.82	207.4	81.14
	41	98.00	31.59	114.4	36.65	146.3	49.85	160.0	56.44	175.5	64.57	189.4	72.67	196.7	80.04
	43	98.00	33.72	114.4	39.12	146.3	53.20	160.0	60.31	175.5	69.12	183.0	73.81	180.9	74.83
	46	98.00	37.20	114.4	43.12	146.3	58.71	160.0	66.71	160.5	66.97	160.4	66.89	158.3	67.74
	48	98.00	39.71	114.4	46.02	146.2	62.68	146.3	62.76	146.3	62.82	146.2	62.73	144.4	63.48
	50	98.00	42.38	114.4	49.09	133.0	59.03	133.0	59.03	132.8	59.04	132.8	58.97	131.2	59.68
	52	98.00	45.24	114.4	52.36	117.1	51.76	117.2	51.43	117.4	51.08	117.0	50.79	117.4	51.02
100	10	28.50	2.03	45.60	3.25	64.50	4.63	69.10	4.96	73.70	5.29	78.40	5.65	83.40	6.07
	12	28.50	2.03	45.60	3.25	64.50	4.64	69.10	4.99	73.70	5.32	78.40	5.68	83.40	6.13
	14	28.50	2.03	45.60	3.26	64.50	4.69	69.10	5.02	73.70	5.38	78.40	5.74	83.40	6.20
	16	28.50	2.03	45.60	3.28	64.50	4.75	69.10	5.11	73.70	5.47	78.40	5.86	83.40	6.37
	18	28.50	2.06	45.60	3.34	64.50	4.87	69.10	5.28	73.70	5.67	78.40	6.11	83.40	6.72
	20	28.50	2.09	45.60	3.45	64.50	5.24	69.10	5.71	73.70	6.19	78.40	6.75	83.40	7.68
	21	32.20	2.50	49.20	4.09	68.10	6.50	72.50	7.18	76.90	7.93	81.50	8.72	86.20	10.14
	23	39.70	6.88	56.40	8.22	75.10	10.03	79.40	10.48	83.70	10.94	87.50	11.38	91.80	12.10
	25	47.40	8.25	63.90	9.90	82.40	12.14	86.50	12.68	90.50	13.24	93.90	13.69	97.40	14.56
	27	55.20	10.08	71.60	12.09	89.90	14.90	93.60	15.54	97.60	16.24	100.2	16.70	108.9	18.77
	29	63.50	12.55	79.30	14.98	97.40	18.41	101.1	19.10	104.8	19.87	111.3	21.18	128.9	25.75
	31	71.90	15.67	87.40	18.30	105.4	22.19	108.6	22.95	118.1	25.23	131.5	28.74	148.8	34.59
	33	80.30	19.16	95.50	22.21	113.4	26.81	124.7	30.02	138.9	34.33	151.9	38.65	168.6	46.03
	35	89.20	23.49	103.9	27.03	133.0	36.23	145.4	40.76	159.6	46.19	172.1	51.44	188.5	60.79
	37	89.20	25.06	103.9	28.85	133.0	38.67	145.4	43.49	159.6	49.30	172.1	54.91	188.5	64.98
	39	89.20	26.75	103.9	30.78	133.0	41.27	145.4	46.41	159.6	52.61	172.1	58.64	188.5	69.53
	41	89.20	28.55	103.9	32.86	133.0	44.03	145.4	49.53	159.6	56.18	172.1	62.67	188.5	74.55
	43	89.20	30.50	103.9	35.10	133.0	46.99	145.4	52.87	159.6	60.02	172.1	67.04	181.0	74.89
	46	89.20	33.66	103.9	38.72	133.0	51.80	145.4	58.32	159.6	66.39	160.5	66.97	158.4	67.73
	48	89.20	35.94	103.9	41.32	133.0	55.30	145.4	62.34	146.3	62.80	146.1	62.72	144.4	63.50
	50	89.20	38.39	103.9	44.09	132.7	58.85	133.0	59.03	132.8	58.99	133.0	59.10	130.9	59.59
	52	89.20	40.99	103.9	47.05	116.2	52.62	116.8	52.14	117.1	51.67	117.4	51.19	117.1	51.41
90	10	25.70	1.83	41.00	2.92	58.00	4.14	62.30	4.46	66.30	4.76	70.60	5.06	75.00	5.45
	12	25.70	1.83	41.00	2.92	58.00	4.17	62.30	4.47	66.30	4.77	70.60	5.09	75.00	5.48
	14	25.70	1.83	41.00	2.92	58.00	4.20	62.30	4.50	66.30	4.82	70.60	5.15	75.00	5.54
	16	25.70	1.83	41.00	2.95	58.00	4.23	62.30	4.56	66.30	4.88	70.60	5.23	75.00	5.66
	18	25.70	1.84	41.00	2.98	58.00	4.34	62.30	4.67	66.30	5.03	70.60	5.41	75.00	5.92
	20	25.70	1.87	41.00	3.07	58.00	4.58	62.30	4.99	66.30	5.40	70.60	5.87	75.00	6.61
	21	28.90	2.19	44.30	3.56	61.30	5.54	65.10	6.09	69.20	6.69	73.20	7.31	77.50	8.76
	23	35.70	6.55	50.80	7.72	67.60	9.28	71.30	9.67	75.30	10.06	78.80	10.42	82.50	11.06
	25	42.70	7.76	57.40	9.19	74.10	11.11	77.80	11.56	81.50	12.04	84.40	12.42	87.70	13.14
	27	49.90	9.36	64.20	11.08	80.90	13.48	84.30	14.02	87.80	14.58	90.20	14.96	98.00	16.70
	29	57.10	11.51	71.30	13.59	87.70	16.55	90.90	17.17	94.30	17.81	100.1	18.93	116.0	22.74
	31	64.50	14.31	78.50	16.61	94.80	19.86	97.70	20.51	106.3	22.39	118.4	25.31	133.9	30.16

28. ARUM620LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	72.30	17.43	85.90	19.97	102.0	23.83	112.2	26.52	124.9	30.09	136.7	33.65	151.9	39.70
	35	80.30	21.18	93.60	24.13	119.7	31.80	131.1	35.55	143.6	40.04	154.9	44.32	169.6	51.90
	37	80.30	22.55	93.60	25.73	119.7	33.94	131.1	37.95	143.6	42.72	154.9	47.30	169.6	55.40
	39	80.30	24.06	93.60	27.46	119.7	36.22	131.1	40.49	143.6	45.60	154.9	50.48	169.6	59.16
	41	80.30	25.68	93.60	29.32	119.7	38.66	131.1	43.22	143.6	48.66	154.9	53.88	169.6	63.24
	43	80.30	27.44	93.60	31.33	119.7	41.27	131.1	46.12	143.6	51.93	154.9	57.54	169.6	67.66
	46	80.30	30.31	93.60	34.57	119.7	45.49	131.1	50.83	143.6	57.29	154.9	63.57	158.6	67.79
	48	80.30	32.39	93.60	36.92	119.7	48.55	131.1	54.27	143.6	61.21	146.4	62.83	144.7	63.61
	50	80.30	34.61	93.60	39.42	119.7	51.80	131.1	57.94	132.8	59.00	132.8	59.01	131.2	59.73
	52	80.30	36.97	93.60	42.09	116.1	53.13	116.4	52.62	116.8	52.08	117.1	51.64	116.8	51.84
80	10	22.70	1.63	36.50	2.59	51.70	3.68	55.20	3.94	58.90	4.21	62.70	4.50	66.70	4.83
	12	22.70	1.63	36.50	2.59	51.70	3.68	55.20	3.97	58.90	4.23	62.70	4.50	66.70	4.86
	14	22.70	1.63	36.50	2.59	51.70	3.71	55.20	3.98	58.90	4.26	62.70	4.53	66.70	4.89
	16	22.70	1.63	36.50	2.60	51.70	3.74	55.20	4.03	58.90	4.30	62.70	4.59	66.70	4.97
	18	22.70	1.63	36.50	2.63	51.70	3.80	55.20	4.09	58.90	4.41	62.70	4.73	66.70	5.15
	20	22.70	1.64	36.50	2.69	51.70	3.98	55.20	4.32	58.90	4.67	62.70	5.05	66.70	5.64
	21	25.70	1.93	39.40	3.08	54.50	4.69	58.00	5.13	61.60	5.59	65.10	6.07	68.90	7.16
	23	31.70	6.23	45.20	7.24	60.10	8.57	63.50	8.89	67.00	9.22	70.10	9.51	73.40	10.06
	25	37.90	7.27	51.10	8.50	66.00	10.13	69.10	10.52	72.50	10.91	75.00	11.23	78.10	11.82
	27	44.30	8.67	57.10	10.14	71.90	12.15	75.00	12.60	78.10	13.06	80.20	13.38	87.10	14.80
	29	50.80	10.53	63.50	12.29	78.10	14.75	80.90	15.27	84.00	15.82	89.00	16.78	103.2	19.98
	31	57.40	12.95	69.80	14.96	84.30	17.71	86.80	18.24	94.50	19.79	105.3	22.16	119.0	26.12
	33	64.20	15.71	76.30	17.89	90.80	21.07	99.80	23.27	111.0	26.19	121.5	29.08	134.9	33.98
	35	71.30	19.00	83.10	21.43	106.3	27.74	116.5	30.79	127.7	34.42	137.6	37.88	150.7	43.96
	37	71.30	20.21	83.10	22.84	106.3	29.60	116.5	32.87	127.7	36.73	137.6	40.42	150.7	46.90
	39	71.30	21.55	83.10	24.37	106.3	31.59	116.5	35.08	127.7	39.20	137.6	43.14	150.7	50.07
	41	71.30	23.01	83.10	26.03	106.3	33.73	116.5	37.43	127.7	41.84	137.6	46.04	150.7	53.44
	43	71.30	24.57	83.10	27.80	106.3	36.01	116.5	39.96	127.7	44.66	137.6	49.12	150.7	57.05
	46	71.30	27.15	83.10	30.70	106.3	39.72	116.5	44.04	127.7	49.22	137.6	54.16	150.7	63.06
	48	71.30	29.02	83.10	32.81	106.3	42.39	116.5	47.00	127.7	52.53	137.6	57.85	144.6	63.56
	50	71.30	31.04	83.10	35.06	106.3	45.23	116.5	50.15	127.7	56.07	132.8	59.02	131.2	59.67
	52	71.30	33.19	83.10	37.45	106.3	48.26	115.1	52.69	116.4	52.69	116.6	52.21	116.4	52.43
70	10	19.90	1.43	31.90	2.26	45.20	3.22	48.40	3.45	51.50	3.68	54.90	3.91	58.30	4.21
	12	19.90	1.43	31.90	2.26	45.20	3.22	48.40	3.45	51.50	3.68	54.90	3.94	58.30	4.23
	14	19.90	1.43	31.90	2.26	45.20	3.24	48.40	3.48	51.50	3.71	54.90	3.95	58.30	4.26
	16	19.90	1.43	31.90	2.27	45.20	3.25	48.40	3.48	51.50	3.74	54.90	4.00	58.30	4.30
	18	19.90	1.43	31.90	2.29	45.20	3.31	48.40	3.54	51.50	3.80	54.90	4.06	58.30	4.44
	20	19.90	1.44	31.90	2.33	45.20	3.42	48.40	3.69	51.50	3.97	54.90	4.29	58.30	4.73
	21	22.60	1.66	34.40	2.63	47.70	3.91	50.80	4.25	53.90	4.63	57.00	5.00	60.40	5.77
	23	27.90	5.26	39.40	6.78	52.70	7.88	55.50	8.15	58.60	8.43	61.30	8.67	64.20	9.12
	25	33.20	6.81	44.70	7.83	57.70	9.19	60.50	9.51	63.50	9.84	65.70	10.10	68.20	10.61
	27	38.70	8.00	49.90	9.23	62.90	10.89	65.50	11.27	68.20	11.66	70.10	11.90	76.30	13.06
	29	44.40	9.56	55.50	11.03	68.20	13.07	70.70	13.49	73.40	13.94	77.80	14.72	90.20	17.41
	31	50.20	11.64	61.10	13.37	73.80	15.70	76.00	16.15	82.70	17.39	92.10	19.30	104.2	22.45
	33	56.20	14.02	66.90	15.90	79.40	18.53	87.40	20.29	97.30	22.63	106.3	24.91	118.1	28.83
	35	62.30	16.89	72.80	18.93	93.00	24.00	102.0	26.44	111.6	29.33	120.5	32.05	132.0	36.86
	37	62.30	17.96	72.80	20.14	93.00	25.60	102.0	28.20	111.6	31.31	120.5	34.21	132.0	39.33
	39	62.30	19.14	72.80	21.48	93.00	27.33	102.0	30.12	111.6	33.40	120.5	36.52	132.0	41.96
	41	62.30	20.45	72.80	22.94	93.00	29.18	102.0	32.15	111.6	35.67	120.5	38.98	132.0	44.79
	43	62.30	21.87	72.80	24.51	93.00	31.15	102.0	34.33	111.6	38.08	120.5	41.59	132.0	47.80
	46	62.30	24.16	72.80	27.08	93.00	34.40	102.0	37.87	111.6	41.97	120.5	45.85	132.0	52.71

28. ARUM620LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	62.30	25.86	72.80	28.95	93.00	36.72	102.0	40.42	111.6	44.79	120.5	48.93	132.0	56.28
	50	62.30	27.66	72.80	30.97	93.00	39.22	102.0	43.15	111.6	47.79	120.5	52.22	131.2	59.69
	52	62.30	29.61	72.80	33.10	93.00	41.86	102.0	46.05	111.6	51.01	116.3	53.03	115.9	53.22
60	10	17.10	1.23	27.30	1.93	38.70	2.75	41.50	2.95	44.30	3.15	47.10	3.35	50.00	3.61
	12	17.10	1.23	27.30	1.93	38.70	2.76	41.50	2.95	44.30	3.15	47.10	3.35	50.00	3.61
	14	17.10	1.21	27.30	1.93	38.70	2.76	41.50	2.96	44.30	3.16	47.10	3.38	50.00	3.62
	16	17.10	1.21	27.30	1.94	38.70	2.78	41.50	2.98	44.30	3.18	47.10	3.39	50.00	3.65
	18	17.10	1.21	27.30	1.96	38.70	2.79	41.50	3.01	44.30	3.22	47.10	3.44	50.00	3.73
	20	17.10	1.21	27.30	1.97	38.70	2.88	41.50	3.10	44.30	3.33	47.10	3.58	50.00	3.93
	21	19.20	1.41	29.50	2.19	40.90	3.22	43.40	3.49	46.20	3.77	48.90	4.06	51.70	4.59
	23	23.80	3.73	33.80	5.56	45.00	7.23	47.70	7.46	50.20	7.66	52.40	7.88	55.10	8.24
	25	29.60	6.51	38.40	7.21	49.50	8.32	51.80	8.57	54.30	8.83	56.40	9.06	58.60	9.45
	27	33.20	7.37	42.80	8.35	53.90	9.72	56.10	10.01	58.60	10.33	60.10	10.53	65.40	11.47
	29	38.10	8.67	47.50	9.85	58.60	11.51	60.70	11.84	62.90	12.19	66.70	12.83	77.20	14.97
	31	43.10	10.37	52.40	11.78	63.20	13.74	65.10	14.11	70.70	15.15	79.00	16.68	89.30	19.15
	33	48.10	12.42	57.30	13.95	67.90	16.13	74.80	17.59	83.40	19.38	91.10	21.17	101.1	24.19
	35	53.60	14.78	62.30	16.50	79.70	20.59	87.40	22.48	95.80	24.72	103.2	26.83	113.1	30.53
	37	53.60	15.68	62.30	17.54	79.70	21.93	87.40	23.98	95.80	26.38	103.2	28.62	113.1	32.58
	39	53.60	16.66	62.30	18.69	79.70	23.40	87.40	25.58	95.80	28.15	103.2	30.55	113.1	34.77
	41	53.60	17.74	62.30	19.96	79.70	24.99	87.40	27.33	95.80	30.06	103.2	32.63	113.1	37.11
	43	53.60	18.93	62.30	21.37	79.70	26.69	87.40	29.19	95.80	32.11	103.2	34.84	113.1	39.61
	46	53.60	20.95	62.30	23.68	79.70	29.50	87.40	32.23	95.80	35.44	103.2	38.43	113.1	43.66
	48	53.60	22.48	62.30	25.34	79.70	31.52	87.40	34.44	95.80	37.82	103.2	41.01	113.1	46.59
	50	53.60	24.16	62.30	27.13	79.70	33.70	87.40	36.79	95.80	40.39	103.2	43.77	113.1	49.73
	52	53.60	26.01	62.30	29.03	79.70	36.01	87.40	39.27	95.80	43.10	103.2	46.70	113.1	53.08
50	10	14.20	1.16	22.90	1.62	32.30	2.29	34.50	2.46	36.90	2.62	39.30	2.79	41.80	2.99
	12	14.20	1.16	22.90	1.62	32.30	2.29	34.50	2.46	36.90	2.62	39.30	2.79	41.80	2.99
	14	14.20	1.16	22.90	1.63	32.30	2.29	34.50	2.46	36.90	2.62	39.30	2.79	41.80	3.01
	16	14.20	1.16	22.90	1.61	32.30	2.30	34.50	2.46	36.90	2.63	39.30	2.82	41.80	3.02
	18	14.20	1.16	22.90	1.63	32.30	2.32	34.50	2.49	36.90	2.66	39.30	2.85	41.80	3.08
	20	14.20	1.17	22.90	1.64	32.30	2.36	34.50	2.53	36.90	2.72	39.30	2.91	41.80	3.17
	21	16.10	1.15	24.50	1.80	34.10	2.60	36.30	2.80	38.50	2.99	40.60	3.21	43.10	3.58
	23	19.80	2.55	28.20	3.78	37.50	6.52	39.70	6.78	41.80	6.97	43.70	7.13	45.90	7.40
	25	28.50	6.57	31.90	6.61	41.20	7.50	43.10	7.69	45.30	7.89	46.80	8.06	48.70	8.38
	27	28.20	6.83	35.70	7.53	44.90	8.61	46.80	8.84	48.70	9.07	50.20	9.23	54.50	9.98
	29	31.70	7.80	39.70	8.74	48.70	10.02	50.50	10.30	52.40	10.57	55.50	11.06	64.50	12.71
	31	35.90	9.17	43.70	10.28	52.70	11.84	54.30	12.13	58.90	12.98	65.70	14.23	74.40	16.19
	33	40.30	10.88	47.70	12.09	56.70	13.82	62.30	14.96	69.40	16.43	75.90	17.79	84.30	20.06
	35	44.60	12.78	52.00	14.14	66.40	17.47	72.80	18.93	79.70	20.59	86.10	22.15	94.20	24.89
	37	44.60	13.50	52.00	14.97	66.40	18.61	72.80	20.15	79.70	21.96	86.10	23.62	94.20	26.56
	39	44.60	14.29	52.00	15.89	66.40	19.85	72.80	21.48	79.70	23.42	86.10	25.21	94.20	28.35
	41	44.60	15.17	52.00	16.92	66.40	21.16	72.80	22.94	79.70	25.00	86.10	26.92	94.20	30.27
	43	44.60	16.12	52.00	18.04	66.40	22.62	72.80	24.51	79.70	26.70	86.10	28.74	94.20	32.32
	46	44.60	17.76	52.00	19.94	66.40	25.00	72.80	27.09	79.70	29.50	86.10	31.74	94.20	35.67
	48	44.60	18.99	52.00	21.38	66.40	26.74	72.80	28.95	79.70	31.54	86.10	33.92	94.20	38.09
	50	44.60	20.34	52.00	22.95	66.40	28.62	72.80	30.97	79.70	33.70	86.10	36.24	94.20	40.66
	52	44.60	21.82	52.00	24.68	66.40	30.62	72.80	33.12	79.70	36.02	86.10	38.71	94.20	43.40

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

28. ARUM620LTE6

28.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	113.7	52.94	112.8	53.39	111.9	53.84	111.5	54.06	111.2	54.29	110.3	54.72
	-24.8	-25	132.3	55.63	131.4	56.14	130.4	56.63	129.9	56.87	129.5	57.13	128.6	57.62
	-21.8	-22	143.9	57.18	143.0	57.72	142.0	58.24	141.4	58.51	141.0	58.75	139.9	59.27
	-19.8	-20	152.2	58.22	151.2	58.77	150.0	59.31	149.4	59.58	149.0	59.86	148.0	60.39
	-18.8	-19	156.4	58.73	155.2	59.30	154.2	59.87	153.6	60.14	153.0	60.42	152.1	60.94
	-16.7	-17	165.0	59.80	164.0	60.37	162.8	60.95	162.2	61.25	161.8	61.52	160.6	62.07
	-15	-15.9	170.4	60.40	169.2	61.00	168.0	61.60	167.4	61.87	166.8	62.17	165.8	62.72
	-13.7	-15	175.0	60.95	173.8	61.56	172.8	62.16	172.2	62.46	171.6	62.76	170.6	63.34
	-11.8	-13	184.0	61.96	182.7	62.59	181.4	63.20	180.8	63.51	180.2	63.81	179.0	64.41
	-9.8	-11	194.0	63.05	192.5	63.69	191.2	64.33	190.6	64.63	189.9	64.94	188.7	65.54
	-9.5	-10	198.6	63.56	197.3	64.20	196.0	64.86	195.4	65.16	194.5	65.49	193.3	66.10
	-8.5	-9.1	203.5	64.06	201.9	64.72	200.6	65.37	200.0	65.69	199.3	66.00	197.8	66.63
	-7	-7.6	211.4	64.89	210.1	65.58	208.6	66.24	207.9	66.55	207.0	66.88	205.7	67.52
	-5	-5.6	222.7	66.03	221.1	66.73	219.5	67.40	218.9	67.73	218.0	68.07	216.4	68.73
	-3	-3.7	233.7	67.12	232.1	67.85	230.5	68.55	229.6	68.88	228.9	69.24	220.9	66.94
	0	-0.7	251.9	68.90	250.1	69.64	248.4	70.36	243.1	68.80	237.8	67.18	222.2	61.94
	3	2.2	270.2	70.63	265.6	70.29	253.9	66.88	245.9	64.38	238.0	61.89	222.2	57.03
	5	4.1	280.7	71.06	269.7	68.14	253.9	63.31	245.9	60.97	238.0	58.64	222.2	54.07
	7	6	285.0	68.89	269.7	64.44	253.9	59.92	245.9	57.70	238.0	55.50	222.2	51.20
	9	7.9	285.5	65.16	269.7	60.80	253.9	56.55	245.9	54.46	238.0	52.41	222.2	48.37
	11	9.8	285.5	61.38	269.7	57.31	253.9	53.34	245.9	51.38	238.0	49.48	222.2	45.70
	13	11.8	285.5	57.58	269.7	53.80	253.9	50.12	245.9	48.30	238.0	46.52	222.2	43.02
	15	13.7	285.5	54.16	269.7	50.65	253.9	47.21	245.9	45.53	238.0	43.85	222.2	40.59
120	-30	-30.2	113.1	53.18	112.2	53.63	111.5	54.08	111.2	54.29	110.7	54.51	110.0	54.95
	-24.8	-25	131.7	55.95	130.8	56.44	129.8	56.95	129.3	57.19	128.9	57.43	128.0	57.91
	-21.8	-22	143.3	57.56	142.3	58.08	141.2	58.59	140.8	58.86	140.2	59.11	139.3	59.62
	-19.8	-20	151.3	58.63	150.3	59.18	149.3	59.72	148.7	59.99	148.2	60.24	147.2	60.77
	-18.8	-19	155.5	59.17	154.5	59.72	153.3	60.28	152.8	60.56	152.4	60.81	151.2	61.34
	-16.7	-17	164.1	60.27	163.1	60.84	161.9	61.42	161.3	61.69	160.9	61.96	159.7	62.51
	-15	-15.9	169.3	60.90	168.3	61.50	167.1	62.07	166.4	62.35	165.8	62.64	164.8	63.19
	-13.7	-15	174.1	61.48	172.8	62.09	171.8	62.67	171.2	62.97	170.6	63.24	169.6	63.82
	-11.8	-13	183.0	62.53	181.7	63.16	180.5	63.76	179.8	64.04	179.2	64.34	178.0	64.92
	-9.8	-11	192.7	63.67	191.2	64.31	190.0	64.92	189.3	65.22	188.7	65.53	187.4	66.13
	-9.5	-10	197.3	64.21	196.1	64.85	194.6	65.48	193.9	65.78	193.3	66.09	192.0	66.69
	-8.5	-9.1	202.0	64.74	200.6	65.38	199.1	66.01	198.5	66.32	197.9	66.65	196.6	67.25
	-7	-7.6	209.9	65.62	208.5	66.27	207.0	66.93	206.4	67.24	205.7	67.56	201.8	67.03
	-5	-5.6	220.8	66.81	219.3	67.50	217.7	68.16	217.1	68.48	215.6	68.42	205.0	64.80
	-3	-3.7	231.8	67.98	230.2	68.68	228.6	69.35	224.1	68.02	219.3	66.41	205.0	61.37
	0	-0.7	249.5	69.86	245.3	69.42	234.3	66.05	227.0	63.57	219.8	61.13	205.0	56.36
	3	2.2	261.4	69.10	248.9	65.34	234.3	60.77	227.0	58.52	219.8	56.31	205.0	51.96
	5	4.1	263.5	66.27	248.9	61.87	234.3	57.58	227.0	55.47	219.8	53.38	205.0	49.30
	7	6	263.5	62.69	248.9	58.55	234.3	54.50	227.0	52.51	219.8	50.55	205.0	46.70
	9	7.9	263.5	59.15	248.9	55.27	234.3	51.48	227.0	49.61	219.8	47.78	205.0	44.15
	11	9.8	263.5	55.76	248.9	52.13	234.3	48.58	227.0	46.84	219.8	45.13	205.0	41.75
	13	11.8	263.5	52.39	248.9	49.01	234.3	45.71	227.0	44.08	219.8	42.49	205.0	39.33

28. ARUM620LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	263.5	49.32	248.9	46.18	234.3	43.10	227.0	41.58	219.8	40.09	205.0	37.15
110	-30	-30.2	112.5	53.47	111.9	53.92	111.0	54.35	110.6	54.58	110.3	54.79	109.4	55.22
	-24.8	-25	131.1	56.33	130.1	56.82	129.2	57.30	128.6	57.54	128.3	57.78	127.4	58.24
	-21.8	-22	142.4	58.00	141.4	58.52	140.5	59.03	139.9	59.27	139.5	59.52	138.6	60.02
	-19.8	-20	150.4	59.11	149.4	59.65	148.4	60.17	147.8	60.44	147.5	60.70	146.3	61.20
	-18.8	-19	154.6	59.67	153.4	60.22	152.4	60.76	151.8	61.03	151.4	61.28	150.5	61.81
	-16.7	-17	163.1	60.83	161.9	61.38	160.9	61.95	160.3	62.22	159.7	62.49	158.7	63.01
	-15	-15.9	168.1	61.49	167.1	62.06	165.9	62.63	165.3	62.91	164.9	63.18	163.7	63.72
	-13.7	-15	172.9	62.08	171.6	62.68	170.6	63.26	170.0	63.56	169.4	63.83	168.4	64.38
	-11.8	-13	181.5	63.20	180.2	63.81	179.0	64.39	178.4	64.68	178.0	64.96	176.7	65.53
	-9.8	-11	191.2	64.39	189.7	65.02	188.5	65.62	187.8	65.90	187.2	66.20	184.5	66.04
	-9.5	-10	195.8	64.95	194.5	65.58	193.0	66.19	192.4	66.49	191.8	66.79	186.1	65.15
	-8.5	-9.1	200.4	65.51	198.9	66.15	197.6	66.76	196.9	67.08	196.3	67.36	187.6	64.30
	-7	-7.6	208.0	66.45	206.7	67.09	205.2	67.73	204.0	67.75	199.5	66.13	187.9	61.82
	-5	-5.6	218.7	67.72	217.4	68.39	212.2	67.26	207.6	65.73	201.5	63.43	187.9	58.46
	-3	-3.7	229.6	68.96	225.0	68.29	214.8	64.87	208.0	62.46	201.5	60.07	187.9	55.42
	0	-0.7	240.4	67.92	228.2	63.99	214.8	59.54	208.0	57.36	201.5	55.18	187.9	50.95
	3	2.2	241.7	63.04	228.2	58.90	214.8	54.85	208.0	52.86	201.5	50.90	187.9	47.04
	5	4.1	241.7	59.70	228.2	55.81	214.8	52.01	208.0	50.14	201.5	48.28	187.9	44.67
	7	6	241.7	56.52	228.2	52.85	214.8	49.25	208.0	47.48	201.5	45.74	187.9	42.32
	9	7.9	241.7	53.37	228.2	49.92	214.8	46.57	208.0	44.90	201.5	43.28	187.9	40.05
	11	9.8	241.7	50.35	228.2	47.15	214.8	43.99	208.0	42.44	201.5	40.91	187.9	37.90
	13	11.8	241.7	47.34	228.2	44.35	214.8	41.43	208.0	39.98	201.5	38.55	187.9	35.76
	15	13.7	241.7	44.63	228.2	41.83	214.8	39.10	208.0	37.74	201.5	36.41	187.9	33.80
100	-30	-30.2	111.9	53.82	111.2	54.25	110.4	54.69	110.0	54.90	109.7	55.12	108.8	55.54
	-24.8	-25	130.2	56.78	129.2	57.26	128.3	57.74	128.0	57.96	127.4	58.20	126.7	58.65
	-21.8	-22	141.5	58.51	140.5	59.02	139.6	59.51	139.0	59.77	138.6	60.01	137.7	60.50
	-19.8	-20	149.4	59.67	148.2	60.21	147.3	60.72	146.9	60.97	146.3	61.23	145.3	61.72
	-18.8	-19	153.4	60.26	152.4	60.81	151.2	61.32	150.9	61.59	150.3	61.84	149.3	62.35
	-16.7	-17	161.9	61.48	160.7	62.02	159.7	62.57	159.1	62.84	158.5	63.09	157.5	63.60
	-15	-15.9	166.8	62.17	165.6	62.74	164.6	63.28	164.0	63.55	163.4	63.82	162.4	64.34
	-13.7	-15	171.4	62.82	170.4	63.39	169.4	63.96	168.8	64.24	168.2	64.51	167.2	65.05
	-11.8	-13	179.9	63.97	178.7	64.55	177.5	65.13	176.8	65.42	176.4	65.69	169.8	63.38
	-9.8	-11	189.4	65.24	188.1	65.85	186.9	66.43	185.4	66.34	181.4	64.78	170.8	60.58
	-9.5	-10	193.9	65.84	192.5	66.44	191.2	67.00	187.0	65.44	182.9	63.92	170.8	59.07
	-8.5	-9.1	198.3	66.43	197.0	67.04	192.7	66.10	188.5	64.60	183.2	62.47	170.8	57.62
	-7	-7.6	205.9	67.43	203.6	67.58	195.3	64.69	189.1	62.29	183.2	59.94	170.8	55.30
	-5	-5.6	215.7	68.38	207.2	65.60	195.3	61.15	189.1	58.92	183.2	56.69	170.8	52.35
	-3	-3.7	219.3	66.41	207.4	62.25	195.3	57.94	189.1	55.83	183.2	53.74	170.8	49.65
	0	-0.7	219.8	61.13	207.4	57.14	195.3	53.25	189.1	51.32	183.2	49.45	170.8	45.72
	3	2.2	219.8	56.31	207.4	52.67	195.3	49.13	189.1	47.38	183.2	45.65	170.8	42.25
	5	4.1	219.8	53.38	207.4	49.96	195.3	46.63	189.1	44.98	183.2	43.36	170.8	40.16
	7	6	219.8	50.55	207.4	47.32	195.3	44.18	189.1	42.63	183.2	41.10	170.8	38.07
	9	7.9	219.8	47.78	207.4	44.76	195.3	41.81	189.1	40.36	183.2	38.90	170.8	36.08
	11	9.8	219.8	45.13	207.4	42.31	195.3	39.54	189.1	38.18	183.2	36.84	170.8	34.18
	13	11.8	219.8	42.49	207.4	39.85	195.3	37.28	189.1	36.01	183.2	34.74	170.8	32.28
	15	13.7	219.8	40.09	207.4	37.62	195.3	35.23	189.1	34.03	183.2	32.85	170.8	30.55

28. ARUM620LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	111.3	54.23	110.4	54.66	109.7	55.08	109.4	55.29	108.9	55.50	108.2	55.90
	-24.8	-25	129.2	57.31	128.3	57.79	127.4	58.24	127.0	58.48	126.5	58.70	125.6	59.15
	-21.8	-22	140.3	59.13	139.3	59.61	138.4	60.12	137.8	60.36	137.4	60.58	136.5	61.06
	-19.8	-20	147.9	60.35	147.0	60.86	146.0	61.37	145.6	61.62	145.1	61.86	144.1	62.34
	-18.8	-19	152.1	60.97	150.9	61.51	150.0	62.00	149.4	62.27	149.0	62.51	148.1	62.99
	-16.7	-17	160.4	62.25	159.2	62.79	158.2	63.31	157.6	63.57	157.0	63.82	152.2	62.13
	-15	-15.9	165.2	62.99	164.0	63.53	163.1	64.07	162.5	64.32	161.3	64.29	153.8	61.10
	-13.7	-15	169.8	63.68	168.8	64.25	167.6	64.79	166.8	64.90	163.0	63.35	153.8	59.25
	-11.8	-13	178.1	64.89	176.8	65.46	173.2	64.67	169.4	63.23	164.7	61.24	153.8	56.50
	-9.8	-11	187.2	66.25	183.8	65.70	175.8	62.61	170.2	60.33	164.7	58.05	153.8	53.62
	-9.5	-10	191.6	66.88	185.3	64.83	175.8	61.04	170.2	58.82	164.7	56.61	153.8	52.30
	-8.5	-9.1	194.5	66.68	186.7	63.94	175.8	59.55	170.2	57.38	164.7	55.25	153.8	51.04
	-7	-7.6	197.0	65.26	186.7	61.35	175.8	57.14	170.2	55.08	164.7	53.05	153.8	49.03
	-5	-5.6	197.8	62.05	186.7	58.03	175.8	54.07	170.2	52.13	164.7	50.22	153.8	46.43
	-3	-3.7	197.8	58.79	186.7	55.01	175.8	51.28	170.2	49.44	164.7	47.63	153.8	44.08
	0	-0.7	197.8	54.03	186.7	50.57	175.8	47.20	170.2	45.53	164.7	43.88	153.8	40.65
	3	2.2	197.8	49.84	186.7	46.69	175.8	43.62	170.2	42.10	164.7	40.60	153.8	37.65
	5	4.1	197.8	47.29	186.7	44.33	175.8	41.43	170.2	40.00	164.7	38.60	153.8	35.80
	7	6	197.8	44.80	186.7	42.01	175.8	39.28	170.2	37.94	164.7	36.60	153.8	33.97
	9	7.9	197.8	42.38	186.7	39.77	175.8	37.22	170.2	35.95	164.7	34.69	153.8	32.23
	11	9.8	197.8	40.10	186.7	37.65	175.8	35.24	170.2	34.06	164.7	32.88	153.8	30.56
	13	11.8	197.8	37.78	186.7	35.51	175.8	33.25	170.2	32.16	164.7	31.05	153.8	28.91
	15	13.7	197.8	35.70	186.7	33.56	175.8	31.46	170.2	30.43	164.7	29.41	153.8	27.39
80	-30	-30.2	110.4	54.73	109.5	55.15	108.8	55.57	108.5	55.76	108.2	55.97	107.3	56.37
	-24.8	-25	128.0	57.96	127.1	58.43	126.2	58.88	125.8	59.10	125.3	59.31	124.6	59.76
	-21.8	-22	138.8	59.89	137.8	60.37	136.9	60.83	136.5	61.07	136.0	61.30	134.1	61.04
	-19.8	-20	146.4	61.17	145.4	61.68	144.5	62.17	143.9	62.41	143.1	62.45	136.6	59.46
	-18.8	-19	150.3	61.85	149.4	62.34	148.4	62.85	147.8	63.09	144.5	61.63	136.7	57.99
	-16.7	-17	158.3	63.19	157.3	63.70	153.9	62.82	150.6	61.42	146.4	59.56	136.7	55.03
	-15	-15.9	163.1	63.99	162.2	64.51	155.6	61.86	151.3	59.97	146.4	57.74	136.7	53.34
	-13.7	-15	167.7	64.74	163.9	63.68	156.2	60.35	151.3	58.13	146.4	55.95	136.7	51.67
	-11.8	-13	173.3	64.66	165.9	61.78	156.2	57.54	151.3	55.46	146.4	53.41	136.7	49.33
	-9.8	-11	175.8	62.61	165.9	58.56	156.2	54.61	151.3	52.65	146.4	50.72	136.7	46.91
	-9.5	-10	175.8	61.04	165.9	57.10	156.2	53.26	151.3	51.36	146.4	49.48	136.7	45.80
	-8.5	-9.1	175.8	59.55	165.9	55.72	156.2	51.97	151.3	50.13	146.4	48.29	136.7	44.70
	-7	-7.6	175.8	57.14	165.9	53.49	156.2	49.90	151.3	48.15	146.4	46.41	136.7	42.96
	-5	-5.6	175.8	54.07	165.9	50.64	156.2	47.27	151.3	45.62	146.4	43.97	136.7	40.73
	-3	-3.7	175.8	51.28	165.9	48.04	156.2	44.86	151.3	43.30	146.4	41.77	136.7	38.73
	0	-0.7	175.8	47.20	165.9	44.25	156.2	41.36	151.3	39.96	146.4	38.53	136.7	35.77
	3	2.2	175.8	43.62	165.9	40.92	156.2	38.30	151.3	37.00	146.4	35.70	136.7	33.18
	5	4.1	175.8	41.43	165.9	38.91	156.2	36.42	151.3	35.19	146.4	33.97	136.7	31.58
	7	6	175.8	39.28	165.9	36.89	156.2	34.56	151.3	33.41	146.4	32.26	136.7	30.00
	9	7.9	175.8	37.22	165.9	34.96	156.2	32.78	151.3	31.70	146.4	30.62	136.7	28.51
	11	9.8	175.8	35.24	165.9	33.13	156.2	31.08	151.3	30.06	146.4	29.04	136.7	27.06
	13	11.8	175.8	33.25	165.9	31.30	156.2	29.38	151.3	28.42	146.4	27.49	136.7	25.63
	15	13.7	175.8	31.46	165.9	29.63	156.2	27.83	151.3	26.94	146.4	26.06	136.7	24.31
70	-30	-30.2	109.2	55.38	108.5	55.77	107.7	56.17	107.3	56.38	107.0	56.58	106.4	56.95

28. ARUM620LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	126.3	58.78	125.6	59.23	124.7	59.66	124.3	59.87	124.0	60.08	118.9	57.72
	-21.8	-22	136.9	60.83	136.0	61.28	134.1	61.02	131.1	59.65	128.1	58.23	119.6	53.87
	-19.8	-20	144.5	62.20	142.5	62.06	136.6	59.46	132.4	57.39	128.1	55.29	119.6	51.15
	-18.8	-19	148.2	62.91	143.8	61.24	136.7	57.99	132.4	55.93	128.1	53.89	119.6	49.86
	-16.7	-17	152.3	62.11	145.3	58.98	136.7	55.03	132.4	53.08	128.1	51.15	119.6	47.36
	-15	-15.9	153.8	61.10	145.3	57.18	136.7	53.34	132.4	51.43	128.1	49.53	119.6	45.82
	-13.7	-15	153.8	59.25	145.3	55.41	136.7	51.67	132.4	49.82	128.1	47.99	119.6	44.40
	-11.8	-13	153.8	56.50	145.3	52.89	136.7	49.33	132.4	47.56	128.1	45.84	119.6	42.41
	-9.8	-11	153.8	53.62	145.3	50.25	136.7	46.91	132.4	45.26	128.1	43.65	119.6	40.43
	-9.5	-10	153.8	52.30	145.3	49.02	136.7	45.80	132.4	44.21	128.1	42.62	119.6	39.53
	-8.5	-9.1	153.8	51.04	145.3	47.85	136.7	44.71	132.4	43.15	128.1	41.62	119.6	38.60
	-7	-7.6	153.8	49.03	145.3	45.97	136.7	42.96	132.4	41.49	128.1	40.02	119.6	37.13
	-5	-5.6	153.8	46.43	145.3	43.56	136.7	40.75	132.4	39.36	128.1	37.98	119.6	35.26
	-3	-3.7	153.8	44.08	145.3	41.38	136.7	38.73	132.4	37.42	128.1	36.11	119.6	33.54
	0	-0.7	153.8	40.65	145.3	38.19	136.7	35.77	132.4	34.58	128.1	33.40	119.6	31.05
	3	2.2	153.8	37.65	145.3	35.39	136.7	33.18	132.4	32.09	128.1	31.01	119.6	28.87
	5	4.1	153.8	35.80	145.3	33.67	136.7	31.58	132.4	30.54	128.1	29.51	119.6	27.50
	7	6	153.8	33.97	145.3	31.98	136.7	30.00	132.4	29.04	128.1	28.06	119.6	26.17
	9	7.9	153.8	32.23	145.3	30.35	136.7	28.51	132.4	27.59	128.1	26.69	119.6	24.89
	11	9.8	153.8	30.56	145.3	28.80	136.7	27.06	132.4	26.22	128.1	25.36	119.6	23.68
	13	11.8	153.8	28.91	145.3	27.24	136.7	25.63	132.4	24.83	128.1	24.03	119.6	22.45
	15	13.7	153.8	27.39	145.3	25.85	136.7	24.31	132.4	23.56	128.1	22.82	119.6	21.34
60	-30	-30.2	107.7	56.20	107.0	56.59	106.4	56.96	105.9	57.17	105.5	57.35	101.7	55.33
	-24.8	-25	124.4	59.84	122.3	59.34	117.2	56.86	113.5	54.88	109.8	52.90	102.6	48.99
	-21.8	-22	130.7	59.45	124.6	56.35	117.2	52.64	113.5	50.80	109.8	48.98	102.6	45.39
	-19.8	-20	131.8	57.10	124.6	53.53	117.2	49.99	113.5	48.27	109.8	46.55	102.6	43.15
	-18.8	-19	131.8	55.64	124.6	52.14	117.2	48.73	113.5	47.04	109.8	45.38	102.6	42.07
	-16.7	-17	131.8	52.81	124.6	49.52	117.2	46.28	113.5	44.68	109.8	43.11	102.6	39.99
	-15	-15.9	131.8	51.16	124.6	47.94	117.2	44.79	113.5	43.23	109.8	41.70	102.6	38.65
	-13.7	-15	131.8	49.57	124.6	46.45	117.2	43.40	113.5	41.90	109.8	40.41	102.6	37.48
	-11.8	-13	131.8	47.31	124.6	44.35	117.2	41.45	113.5	40.02	109.8	38.61	102.6	35.81
	-9.8	-11	131.8	45.03	124.6	42.27	117.2	39.50	113.5	38.14	109.8	36.80	102.6	34.15
	-9.5	-10	131.8	43.97	124.6	41.29	117.2	38.66	113.5	37.36	109.8	36.06	102.6	33.53
	-8.5	-9.1	131.8	42.93	124.6	40.32	117.2	37.76	113.5	36.49	109.8	35.24	102.6	32.75
	-7	-7.6	131.8	41.27	124.6	38.78	117.2	36.32	113.5	35.11	109.8	33.92	102.6	31.54
	-5	-5.6	131.8	39.15	124.6	36.81	117.2	34.50	113.5	33.36	109.8	32.23	102.6	30.00
	-3	-3.7	131.8	37.23	124.6	35.00	117.2	32.83	113.5	31.76	109.8	30.68	102.6	28.58
	0	-0.7	131.8	34.40	124.6	32.38	117.2	30.40	113.5	29.41	109.8	28.44	102.6	26.52
	3	2.2	131.8	31.94	124.6	30.08	117.2	28.26	113.5	27.36	109.8	26.48	102.6	24.72
	5	4.1	131.8	30.41	124.6	28.65	117.2	26.94	113.5	26.08	109.8	25.24	102.6	23.57
	7	6	131.8	28.89	124.6	27.25	117.2	25.64	113.5	24.83	109.8	24.03	102.6	22.46
	9	7.9	131.8	27.46	124.6	25.91	117.2	24.40	113.5	23.63	109.8	22.89	102.6	21.41
	11	9.8	131.8	26.09	124.6	24.64	117.2	23.20	113.5	22.49	109.8	21.80	102.6	20.41
	13	11.8	131.8	24.71	124.6	23.35	117.2	22.02	113.5	21.34	109.8	20.69	102.6	19.40
	15	13.7	131.8	23.47	124.6	22.18	117.2	20.94	113.5	20.32	109.8	19.70	102.6	18.47
50	-30	-30.2	105.6	57.29	102.6	55.78	97.60	53.03	94.60	51.20	91.50	49.38	85.50	45.80
	-24.8	-25	109.8	52.90	103.8	49.64	97.60	46.44	94.60	44.85	91.50	43.28	85.50	40.19

28. ARUM620LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	109.8	48.98	103.8	45.98	97.60	43.04	94.60	41.59	91.50	40.15	85.50	37.31
	-19.8	-20	109.8	46.55	103.8	43.71	97.60	40.92	94.60	39.55	91.50	38.20	85.50	35.49
	-18.8	-19	109.8	45.38	103.8	42.63	97.60	39.92	94.60	38.57	91.50	37.26	85.50	34.64
	-16.7	-17	109.8	43.11	103.8	40.52	97.60	37.96	94.60	36.69	91.50	35.44	85.50	32.97
	-15	-15.9	109.8	41.70	103.8	39.15	97.60	36.68	94.60	35.44	91.50	34.22	85.50	31.83
	-13.7	-15	109.8	40.41	103.8	37.95	97.60	35.55	94.60	34.37	91.50	33.19	85.50	30.86
	-11.8	-13	109.8	38.61	103.8	36.28	97.60	33.98	94.60	32.86	91.50	31.74	85.50	29.54
	-9.8	-11	109.8	36.80	103.8	34.59	97.60	32.42	94.60	31.36	91.50	30.28	85.50	28.19
	-9.5	-10	109.8	36.06	103.8	33.94	97.60	31.85	94.60	30.82	91.50	29.80	85.50	27.78
	-8.5	-9.1	109.8	35.24	103.8	33.18	97.60	31.14	94.60	30.14	91.50	29.14	85.50	27.16
	-7	-7.6	109.8	33.92	103.8	31.94	97.60	29.98	94.60	29.02	91.50	28.08	85.50	26.19
	-5	-5.6	109.8	32.23	103.8	30.37	97.60	28.52	94.60	27.62	91.50	26.72	85.50	24.95
	-3	-3.7	109.8	30.68	103.8	28.94	97.60	27.21	94.60	26.34	91.50	25.50	85.50	23.83
	0	-0.7	109.8	28.44	103.8	26.83	97.60	25.25	94.60	24.48	91.50	23.70	85.50	22.16
	3	2.2	109.8	26.48	103.8	25.00	97.60	23.55	94.60	22.84	91.50	22.12	85.50	20.73
	5	4.1	109.8	25.24	103.8	23.85	97.60	22.48	94.60	21.80	91.50	21.13	85.50	19.80
	7	6	109.8	24.03	103.8	22.73	97.60	21.44	94.60	20.79	91.50	20.17	85.50	18.91
	9	7.9	109.8	22.89	103.8	21.65	97.60	20.45	94.60	19.84	91.50	19.25	85.50	18.07
	11	9.8	109.8	21.80	103.8	20.63	97.60	19.49	94.60	18.93	91.50	18.38	85.50	17.27
	13	11.8	109.8	20.69	103.8	19.61	97.60	18.54	94.60	18.01	91.50	17.49	85.50	16.44
	15	13.7	109.8	19.70	103.8	18.69	97.60	17.67	94.60	17.18	91.50	16.69	85.50	15.70

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

28. ARUM620LTE6

28.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	113.7	52.94	112.8	53.39	111.9	53.84	111.5	54.06	111.2	54.29	110.3	54.72
	-24.8	-25	132.3	55.63	131.4	56.14	130.4	56.63	129.9	56.87	129.5	57.13	128.6	57.62
	-21.8	-22	143.9	57.18	143.0	57.72	142.0	58.24	141.4	58.51	141.0	58.75	139.9	59.27
	-19.8	-20	152.2	58.22	151.2	58.77	150.0	59.31	149.4	59.58	149.0	59.86	148.0	60.39
	-18.8	-19	156.4	58.73	155.2	59.30	154.2	59.87	153.6	60.14	153.0	60.42	152.1	60.94
	-16.7	-17	165.0	59.80	164.0	60.37	162.8	60.95	162.2	61.25	161.8	61.52	160.6	62.07
	-15	-15.9	170.4	60.40	169.2	61.00	168.0	61.60	167.4	61.87	166.8	62.17	165.8	62.72
	-13.7	-15	175.0	60.95	173.8	61.56	172.8	62.16	172.2	62.46	171.6	62.76	170.6	63.34
	-11.8	-13	184.0	61.96	182.7	62.59	181.4	63.20	180.8	63.51	180.2	63.81	179.0	64.41
	-9.8	-11	194.0	63.05	192.5	63.69	191.2	64.33	190.6	64.63	189.9	64.94	188.7	65.54
	-9.5	-10	198.6	63.56	197.3	64.20	196.0	64.86	195.4	65.16	194.5	65.49	193.3	66.10
	-8.5	-9.1	203.5	64.06	201.9	64.72	200.6	65.37	200.0	65.69	199.3	66.00	197.8	66.63
	-7	-7.6	211.4	64.89	210.1	65.58	208.6	66.24	207.9	66.55	207.0	66.88	205.7	67.52
	-5	-5.6	222.7	66.03	221.1	66.73	219.5	67.40	218.9	67.73	218.0	68.07	216.4	68.73
	-3	-3.7	233.7	67.12	232.1	67.85	230.5	68.55	229.6	68.88	228.9	69.24	220.9	66.94
	0	-0.7	251.9	68.90	250.1	69.64	248.4	70.36	243.1	68.80	237.8	67.18	222.2	61.94
	3	2.2	270.2	70.63	265.6	70.29	253.9	66.88	245.9	64.38	238.0	61.89	222.2	57.03
	5	4.1	270.3	66.82	254.2	62.05	238.4	57.42	230.3	55.14	222.3	52.90	206.1	48.49
	7	6	254.5	57.37	238.4	53.06	222.3	48.86	214.2	46.78	205.9	44.76	189.7	40.76
	9	7.9	238.4	48.72	222.0	44.87	205.6	41.09	197.5	39.26	189.1	37.43	172.7	33.84
	11	9.8	221.6	40.96	205.2	37.54	188.5	34.20	180.2	32.56	171.8	30.92	155.0	27.74
	13	11.8	204.3	33.95	187.6	30.95	170.8	28.01	162.4	26.56	154.0	25.14	136.8	22.33
	15	13.7	186.3	27.88	169.5	25.26	152.5	22.67	143.9	21.41	135.4	20.17	118.1	17.71
120	-30	-30.2	113.1	53.18	112.2	53.63	111.5	54.08	111.2	54.29	110.7	54.51	110.0	54.95
	-24.8	-25	131.7	55.95	130.8	56.44	129.8	56.95	129.3	57.19	128.9	57.43	128.0	57.91
	-21.8	-22	143.3	57.56	142.3	58.08	141.2	58.59	140.8	58.86	140.2	59.11	139.3	59.62
	-19.8	-20	151.3	58.63	150.3	59.18	149.3	59.72	148.7	59.99	148.2	60.24	147.2	60.77
	-18.8	-19	155.5	59.17	154.5	59.72	153.3	60.28	152.8	60.56	152.4	60.81	151.2	61.34
	-16.7	-17	164.1	60.27	163.1	60.84	161.9	61.42	161.3	61.69	160.9	61.96	159.7	62.51
	-15	-15.9	169.3	60.90	168.3	61.50	167.1	62.07	166.4	62.35	165.8	62.64	164.8	63.19
	-13.7	-15	174.1	61.48	172.8	62.09	171.8	62.67	171.2	62.97	170.6	63.24	169.6	63.82
	-11.8	-13	183.0	62.53	181.7	63.16	180.5	63.76	179.8	64.04	179.2	64.34	178.0	64.92
	-9.8	-11	192.7	63.67	191.2	64.31	190.0	64.92	189.3	65.22	188.7	65.53	187.4	66.13
	-9.5	-10	197.3	64.21	196.1	64.85	194.6	65.48	193.9	65.78	193.3	66.09	192.0	66.69
	-8.5	-9.1	202.0	64.74	200.6	65.38	199.1	66.01	198.5	66.32	197.9	66.65	196.6	67.25
	-7	-7.6	209.9	65.62	208.5	66.27	207.0	66.93	206.4	67.24	205.7	67.56	201.8	67.03
	-5	-5.6	220.8	66.81	219.3	67.50	217.7	68.16	217.1	68.48	215.6	68.42	205.0	64.80
	-3	-3.7	231.8	67.98	230.2	68.68	228.6	69.35	224.1	68.02	219.3	66.41	205.0	61.37
	0	-0.7	249.5	69.86	245.3	69.42	234.3	66.05	227.0	63.57	219.8	61.13	205.0	56.36
	3	2.2	261.4	69.10	248.9	65.34	234.3	60.77	227.0	58.52	219.8	56.31	205.0	51.96
	5	4.1	249.5	60.66	234.7	56.42	220.1	52.26	212.6	50.23	205.2	48.21	190.3	44.26
	7	6	235.0	52.16	220.1	48.30	205.2	44.55	197.7	42.69	190.1	40.88	175.1	37.29
	9	7.9	220.1	44.38	204.9	40.94	189.8	37.56	182.3	35.91	174.6	34.27	159.3	31.05
	11	9.8	204.6	37.42	189.4	34.35	174.0	31.35	166.4	29.87	158.7	28.42	143.2	25.54
	13	11.8	188.5	31.11	173.2	28.41	157.8	25.76	150.0	24.46	142.0	23.17	126.2	20.64

28. ARUM620LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	172.0	25.63	156.5	23.26	140.7	20.95	132.9	19.81	124.9	18.69	108.8	16.46
110	-30	-30.2	112.5	53.47	111.9	53.92	111.0	54.35	110.6	54.58	110.3	54.79	109.4	55.22
	-24.8	-25	131.1	56.33	130.1	56.82	129.2	57.30	128.6	57.54	128.3	57.78	127.4	58.24
	-21.8	-22	142.4	58.00	141.4	58.52	140.5	59.03	139.9	59.27	139.5	59.52	138.6	60.02
	-19.8	-20	150.4	59.11	149.4	59.65	148.4	60.17	147.8	60.44	147.5	60.70	146.3	61.20
	-18.8	-19	154.6	59.67	153.4	60.22	152.4	60.76	151.8	61.03	151.4	61.28	150.5	61.81
	-16.7	-17	163.1	60.83	161.9	61.38	160.9	61.95	160.3	62.22	159.7	62.49	158.7	63.01
	-15	-15.9	168.1	61.49	167.1	62.06	165.9	62.63	165.3	62.91	164.9	63.18	163.7	63.72
	-13.7	-15	172.9	62.08	171.6	62.68	170.6	63.26	170.0	63.56	169.4	63.83	168.4	64.38
	-11.8	-13	181.5	63.20	180.2	63.81	179.0	64.39	178.4	64.68	178.0	64.96	176.7	65.53
	-9.8	-11	191.2	64.39	189.7	65.02	188.5	65.62	187.8	65.90	187.2	66.20	184.5	66.04
	-9.5	-10	195.8	64.95	194.5	65.58	193.0	66.19	192.4	66.49	191.8	66.79	186.1	65.15
	-8.5	-9.1	200.4	65.51	198.9	66.15	197.6	66.76	196.9	67.08	196.3	67.36	187.6	64.30
	-7	-7.6	208.0	66.45	206.7	67.09	205.2	67.73	204.0	67.75	199.5	66.13	187.9	61.82
	-5	-5.6	218.7	67.72	217.4	68.39	212.2	67.26	207.6	65.73	201.5	63.43	187.9	58.46
	-3	-3.7	229.6	68.96	225.0	68.29	214.8	64.87	208.0	62.46	201.5	60.07	187.9	55.42
	0	-0.7	240.4	67.92	228.2	63.99	214.8	59.54	208.0	57.36	201.5	55.18	187.9	50.95
	3	2.2	241.7	63.04	228.2	58.90	214.8	54.85	208.0	52.86	201.5	50.90	187.9	47.04
	5	4.1	228.8	54.71	215.2	50.95	201.5	47.28	194.9	45.47	188.1	43.68	174.5	40.16
	7	6	215.4	47.12	201.8	43.71	188.1	40.36	181.1	38.74	174.2	37.10	160.5	33.91
	9	7.9	201.8	40.19	187.9	37.13	174.0	34.14	167.1	32.66	160.0	31.21	146.0	28.33
	11	9.8	187.5	33.99	173.6	31.26	159.6	28.57	152.5	27.27	145.4	25.97	131.2	23.39
	13	11.8	172.7	28.35	158.7	25.94	144.5	23.59	137.4	22.42	130.2	21.28	115.9	19.00
	15	13.7	157.5	23.44	143.3	21.34	129.0	19.25	121.8	18.24	114.4	17.22	99.80	15.25
100	-30	-30.2	111.9	53.82	111.2	54.25	110.4	54.69	110.0	54.90	109.7	55.12	108.8	55.54
	-24.8	-25	130.2	56.78	129.2	57.26	128.3	57.74	128.0	57.96	127.4	58.20	126.7	58.65
	-21.8	-22	141.5	58.51	140.5	59.02	139.6	59.51	139.0	59.77	138.6	60.01	137.7	60.50
	-19.8	-20	149.4	59.67	148.2	60.21	147.3	60.72	146.9	60.97	146.3	61.23	145.3	61.72
	-18.8	-19	153.4	60.26	152.4	60.81	151.2	61.32	150.9	61.59	150.3	61.84	149.3	62.35
	-16.7	-17	161.9	61.48	160.7	62.02	159.7	62.57	159.1	62.84	158.5	63.09	157.5	63.60
	-15	-15.9	166.8	62.17	165.6	62.74	164.6	63.28	164.0	63.55	163.4	63.82	162.4	64.34
	-13.7	-15	171.4	62.82	170.4	63.39	169.4	63.96	168.8	64.24	168.2	64.51	167.2	65.05
	-11.8	-13	179.9	63.97	178.7	64.55	177.5	65.13	176.8	65.42	176.4	65.69	169.8	63.38
	-9.8	-11	189.4	65.24	188.1	65.85	186.9	66.43	185.4	66.34	181.4	64.78	170.8	60.58
	-9.5	-10	193.9	65.84	192.5	66.44	191.2	67.00	187.0	65.44	182.9	63.92	170.8	59.07
	-8.5	-9.1	198.3	66.43	197.0	67.04	192.7	66.10	188.5	64.60	183.2	62.47	170.8	57.62
	-7	-7.6	205.9	67.43	203.6	67.58	195.3	64.69	189.1	62.29	183.2	59.94	170.8	55.30
	-5	-5.6	215.7	68.38	207.2	65.60	195.3	61.15	189.1	58.92	183.2	56.69	170.8	52.35
	-3	-3.7	219.3	66.41	207.4	62.25	195.3	57.94	189.1	55.83	183.2	53.74	170.8	49.65
	0	-0.7	219.8	61.13	207.4	57.14	195.3	53.25	189.1	51.32	183.2	49.45	170.8	45.72
	3	2.2	219.8	56.31	207.4	52.67	195.3	49.13	189.1	47.38	183.2	45.65	170.8	42.25
	5	4.1	208.0	48.99	195.6	45.69	183.2	42.45	177.1	40.87	170.9	39.28	158.5	36.18
	7	6	195.9	42.25	183.5	39.27	170.9	36.33	164.6	34.89	158.4	33.45	146.0	30.63
	9	7.9	183.5	36.16	170.8	33.46	158.1	30.81	151.9	29.51	145.4	28.23	132.7	25.70
	11	9.8	170.5	30.65	157.8	28.26	145.1	25.89	138.6	24.74	132.1	23.57	119.3	21.31
	13	11.8	157.1	25.67	144.4	23.54	131.4	21.46	124.9	20.42	118.4	19.40	105.4	17.40
	15	13.7	143.2	21.32	130.2	19.44	117.2	17.62	110.7	16.72	104.1	15.81	90.80	14.05

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	111.3	54.23	110.4	54.66	109.7	55.08	109.4	55.29	108.9	55.50	108.2	55.90
	-24.8	-25	129.2	57.31	128.3	57.79	127.4	58.24	127.0	58.48	126.5	58.70	125.6	59.15
	-21.8	-22	140.3	59.13	139.3	59.61	138.4	60.12	137.8	60.36	137.4	60.58	136.5	61.06
	-19.8	-20	147.9	60.35	147.0	60.86	146.0	61.37	145.6	61.62	145.1	61.86	144.1	62.34
	-18.8	-19	152.1	60.97	150.9	61.51	150.0	62.00	149.4	62.27	149.0	62.51	148.1	62.99
	-16.7	-17	160.4	62.25	159.2	62.79	158.2	63.31	157.6	63.57	157.0	63.82	152.2	62.13
	-15	-15.9	165.2	62.99	164.0	63.53	163.1	64.07	162.5	64.32	161.3	64.29	153.8	61.10
	-13.7	-15	169.8	63.68	168.8	64.25	167.6	64.79	166.8	64.90	163.0	63.35	153.8	59.25
	-11.8	-13	178.1	64.89	176.8	65.46	173.2	64.67	169.4	63.23	164.7	61.24	153.8	56.50
	-9.8	-11	187.2	66.25	183.8	65.70	175.8	62.61	170.2	60.33	164.7	58.05	153.8	53.62
	-9.5	-10	191.6	66.88	185.3	64.83	175.8	61.04	170.2	58.82	164.7	56.61	153.8	52.30
	-8.5	-9.1	194.5	66.68	186.7	63.94	175.8	59.55	170.2	57.38	164.7	55.25	153.8	51.04
	-7	-7.6	197.0	65.26	186.7	61.35	175.8	57.14	170.2	55.08	164.7	53.05	153.8	49.03
	-5	-5.6	197.8	62.05	186.7	58.03	175.8	54.07	170.2	52.13	164.7	50.22	153.8	46.43
	-3	-3.7	197.8	58.79	186.7	55.01	175.8	51.28	170.2	49.44	164.7	47.63	153.8	44.08
	0	-0.7	197.8	54.03	186.7	50.57	175.8	47.20	170.2	45.53	164.7	43.88	153.8	40.65
	3	2.2	197.8	49.84	186.7	46.69	175.8	43.62	170.2	42.10	164.7	40.60	153.8	37.65
	5	4.1	187.2	43.45	176.1	40.59	164.9	37.79	159.4	36.39	153.8	35.02	142.6	32.30
	7	6	176.3	37.57	165.2	34.96	153.8	32.42	148.2	31.15	142.6	29.91	131.4	27.46
	9	7.9	165.0	32.23	153.8	29.90	142.3	27.59	136.7	26.47	131.1	25.33	119.6	23.11
	11	9.8	153.4	27.43	142.0	25.33	130.5	23.28	124.7	22.27	119.0	21.25	107.3	19.27
	13	11.8	141.4	23.07	129.9	21.22	118.4	19.38	112.5	18.48	106.6	17.59	94.80	15.83
	15	13.7	129.0	19.25	117.2	17.62	105.7	16.02	99.60	15.22	93.60	14.43	81.60	12.89
80	-30	-30.2	110.4	54.73	109.5	55.15	108.8	55.57	108.5	55.76	108.2	55.97	107.3	56.37
	-24.8	-25	128.0	57.96	127.1	58.43	126.2	58.88	125.8	59.10	125.3	59.31	124.6	59.76
	-21.8	-22	138.8	59.89	137.8	60.37	136.9	60.83	136.5	61.07	136.0	61.30	134.1	61.04
	-19.8	-20	146.4	61.17	145.4	61.68	144.5	62.17	143.9	62.41	143.1	62.45	136.6	59.46
	-18.8	-19	150.3	61.85	149.4	62.34	148.4	62.85	147.8	63.09	144.5	61.63	136.7	57.99
	-16.7	-17	158.3	63.19	157.3	63.70	153.9	62.82	150.6	61.42	146.4	59.56	136.7	55.03
	-15	-15.9	163.1	63.99	162.2	64.51	155.6	61.86	151.3	59.97	146.4	57.74	136.7	53.34
	-13.7	-15	167.7	64.74	163.9	63.68	156.2	60.35	151.3	58.13	146.4	55.95	136.7	51.67
	-11.8	-13	173.3	64.66	165.9	61.78	156.2	57.54	151.3	55.46	146.4	53.41	136.7	49.33
	-9.8	-11	175.8	62.61	165.9	58.56	156.2	54.61	151.3	52.65	146.4	50.72	136.7	46.91
	-9.5	-10	175.8	61.04	165.9	57.10	156.2	53.26	151.3	51.36	146.4	49.48	136.7	45.80
	-8.5	-9.1	175.8	59.55	165.9	55.72	156.2	51.97	151.3	50.13	146.4	48.29	136.7	44.70
	-7	-7.6	175.8	57.14	165.9	53.49	156.2	49.90	151.3	48.15	146.4	46.41	136.7	42.96
	-5	-5.6	175.8	54.07	165.9	50.64	156.2	47.27	151.3	45.62	146.4	43.97	136.7	40.73
	-3	-3.7	175.8	51.28	165.9	48.04	156.2	44.86	151.3	43.30	146.4	41.77	136.7	38.73
	0	-0.7	175.8	47.20	165.9	44.25	156.2	41.36	151.3	39.96	146.4	38.53	136.7	35.77
	3	2.2	175.8	43.62	165.9	40.92	156.2	38.30	151.3	37.00	146.4	35.70	136.7	33.18
	5	4.1	166.4	38.13	156.5	35.68	146.6	33.26	141.7	32.08	136.7	30.88	126.8	28.56
	7	6	156.6	33.06	146.7	30.83	136.7	28.64	131.8	27.56	126.8	26.48	116.6	24.37
	9	7.9	146.7	28.45	136.7	26.44	126.5	24.47	121.5	23.50	116.5	22.52	106.3	20.61
	11	9.8	136.4	24.31	126.2	22.52	116.0	20.75	111.0	19.87	105.7	19.00	95.50	17.28
	13	11.8	125.6	20.54	115.4	18.94	105.1	17.37	99.90	16.60	94.80	15.83	84.30	14.30
	15	13.7	114.7	17.25	104.2	15.84	93.90	14.45	88.60	13.77	83.40	13.08	72.60	11.73
70	-30	-30.2	109.2	55.38	108.5	55.77	107.7	56.17	107.3	56.38	107.0	56.58	106.4	56.95

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	126.3	58.78	125.6	59.23	124.7	59.66	124.3	59.87	124.0	60.08	118.9	57.72
	-21.8	-22	136.9	60.83	136.0	61.28	134.1	61.02	131.1	59.65	128.1	58.23	119.6	53.87
	-19.8	-20	144.5	62.20	142.5	62.06	136.6	59.46	132.4	57.39	128.1	55.29	119.6	51.15
	-18.8	-19	148.2	62.91	143.8	61.24	136.7	57.99	132.4	55.93	128.1	53.89	119.6	49.86
	-16.7	-17	152.3	62.11	145.3	58.98	136.7	55.03	132.4	53.08	128.1	51.15	119.6	47.36
	-15	-15.9	153.8	61.10	145.3	57.18	136.7	53.34	132.4	51.43	128.1	49.53	119.6	45.82
	-13.7	-15	153.8	59.25	145.3	55.41	136.7	51.67	132.4	49.82	128.1	47.99	119.6	44.40
	-11.8	-13	153.8	56.50	145.3	52.89	136.7	49.33	132.4	47.56	128.1	45.84	119.6	42.41
	-9.8	-11	153.8	53.62	145.3	50.25	136.7	46.91	132.4	45.26	128.1	43.65	119.6	40.43
	-9.5	-10	153.8	52.30	145.3	49.02	136.7	45.80	132.4	44.21	128.1	42.62	119.6	39.53
	-8.5	-9.1	153.8	51.04	145.3	47.85	136.7	44.71	132.4	43.15	128.1	41.62	119.6	38.60
	-7	-7.6	153.8	49.03	145.3	45.97	136.7	42.96	132.4	41.49	128.1	40.02	119.6	37.13
	-5	-5.6	153.8	46.43	145.3	43.56	136.7	40.75	132.4	39.36	128.1	37.98	119.6	35.26
	-3	-3.7	153.8	44.08	145.3	41.38	136.7	38.73	132.4	37.42	128.1	36.11	119.6	33.54
	0	-0.7	153.8	40.65	145.3	38.19	136.7	35.77	132.4	34.58	128.1	33.40	119.6	31.05
	3	2.2	153.8	37.65	145.3	35.39	136.7	33.18	132.4	32.09	128.1	31.01	119.6	28.87
	5	4.1	145.7	33.01	137.0	30.94	128.3	28.90	124.0	27.90	119.7	26.91	111.0	24.93
	7	6	137.0	28.70	128.4	26.84	119.7	24.99	115.3	24.07	111.0	23.17	102.0	21.38
	9	7.9	128.3	24.83	119.6	23.13	110.7	21.46	106.3	20.63	102.0	19.81	93.00	18.20
	11	9.8	119.3	21.31	110.4	19.80	101.6	18.29	97.00	17.55	92.60	16.82	83.40	15.35
	13	11.8	110.0	18.11	101.0	16.76	92.00	15.43	87.40	14.76	82.80	14.11	73.70	12.82
	15	13.7	100.4	15.31	91.20	14.12	82.10	12.93	77.50	12.34	72.90	11.78	63.50	10.63
60	-30	-30.2	107.7	56.20	107.0	56.59	106.4	56.96	105.9	57.17	105.5	57.35	101.7	55.33
	-24.8	-25	124.4	59.84	122.3	59.34	117.2	56.86	113.5	54.88	109.8	52.90	102.6	48.99
	-21.8	-22	130.7	59.45	124.6	56.35	117.2	52.64	113.5	50.80	109.8	48.98	102.6	45.39
	-19.8	-20	131.8	57.10	124.6	53.53	117.2	49.99	113.5	48.27	109.8	46.55	102.6	43.15
	-18.8	-19	131.8	55.64	124.6	52.14	117.2	48.73	113.5	47.04	109.8	45.38	102.6	42.07
	-16.7	-17	131.8	52.81	124.6	49.52	117.2	46.28	113.5	44.68	109.8	43.11	102.6	39.99
	-15	-15.9	131.8	51.16	124.6	47.94	117.2	44.79	113.5	43.23	109.8	41.70	102.6	38.65
	-13.7	-15	131.8	49.57	124.6	46.45	117.2	43.40	113.5	41.90	109.8	40.41	102.6	37.48
	-11.8	-13	131.8	47.31	124.6	44.35	117.2	41.45	113.5	40.02	109.8	38.61	102.6	35.81
	-9.8	-11	131.8	45.03	124.6	42.27	117.2	39.50	113.5	38.14	109.8	36.80	102.6	34.15
	-9.5	-10	131.8	43.97	124.6	41.29	117.2	38.66	113.5	37.36	109.8	36.06	102.6	33.53
	-8.5	-9.1	131.8	42.93	124.6	40.32	117.2	37.76	113.5	36.49	109.8	35.24	102.6	32.75
	-7	-7.6	131.8	41.27	124.6	38.78	117.2	36.32	113.5	35.11	109.8	33.92	102.6	31.54
	-5	-5.6	131.8	39.15	124.6	36.81	117.2	34.50	113.5	33.36	109.8	32.23	102.6	30.00
	-3	-3.7	131.8	37.23	124.6	35.00	117.2	32.83	113.5	31.76	109.8	30.68	102.6	28.58
	0	-0.7	131.8	34.40	124.6	32.38	117.2	30.40	113.5	29.41	109.8	28.44	102.6	26.52
	3	2.2	131.8	31.94	124.6	30.08	117.2	28.26	113.5	27.36	109.8	26.48	102.6	24.72
	5	4.1	124.7	28.08	117.5	26.39	110.0	24.71	106.3	23.88	102.6	23.07	95.20	21.44
	7	6	117.5	24.53	110.1	22.99	102.6	21.47	98.90	20.73	95.10	19.98	87.50	18.51
	9	7.9	110.0	21.32	102.6	19.93	94.90	18.54	91.10	17.86	87.40	17.19	79.70	15.86
	11	9.8	102.3	18.42	94.60	17.16	87.10	15.92	83.10	15.31	79.30	14.70	71.60	13.49
	13	11.8	94.20	15.77	86.50	14.64	78.80	13.53	75.00	12.98	71.00	12.46	63.20	11.36
	15	13.7	85.90	13.44	78.10	12.43	70.40	11.46	66.40	10.99	62.40	10.50	54.50	9.55
50	-30	-30.2	105.6	57.29	102.6	55.78	97.60	53.03	94.60	51.20	91.50	49.38	85.50	45.80
	-24.8	-25	109.8	52.90	103.8	49.64	97.60	46.44	94.60	44.85	91.50	43.28	85.50	40.19

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	109.8	48.98	103.8	45.98	97.60	43.04	94.60	41.59	91.50	40.15	85.50	37.31
	-19.8	-20	109.8	46.55	103.8	43.71	97.60	40.92	94.60	39.55	91.50	38.20	85.50	35.49
	-18.8	-19	109.8	45.38	103.8	42.63	97.60	39.92	94.60	38.57	91.50	37.26	85.50	34.64
	-16.7	-17	109.8	43.11	103.8	40.52	97.60	37.96	94.60	36.69	91.50	35.44	85.50	32.97
	-15	-15.9	109.8	41.70	103.8	39.15	97.60	36.68	94.60	35.44	91.50	34.22	85.50	31.83
	-13.7	-15	109.8	40.41	103.8	37.95	97.60	35.55	94.60	34.37	91.50	33.19	85.50	30.86
	-11.8	-13	109.8	38.61	103.8	36.28	97.60	33.98	94.60	32.86	91.50	31.74	85.50	29.54
	-9.8	-11	109.8	36.80	103.8	34.59	97.60	32.42	94.60	31.36	91.50	30.28	85.50	28.19
	-9.5	-10	109.8	36.06	103.8	33.94	97.60	31.85	94.60	30.82	91.50	29.80	85.50	27.78
	-8.5	-9.1	109.8	35.24	103.8	33.18	97.60	31.14	94.60	30.14	91.50	29.14	85.50	27.16
	-7	-7.6	109.8	33.92	103.8	31.94	97.60	29.98	94.60	29.02	91.50	28.08	85.50	26.19
	-5	-5.6	109.8	32.23	103.8	30.37	97.60	28.52	94.60	27.62	91.50	26.72	85.50	24.95
	-3	-3.7	109.8	30.68	103.8	28.94	97.60	27.21	94.60	26.34	91.50	25.50	85.50	23.83
	0	-0.7	109.8	28.44	103.8	26.83	97.60	25.25	94.60	24.48	91.50	23.70	85.50	22.16
	3	2.2	109.8	26.48	103.8	25.00	97.60	23.55	94.60	22.84	91.50	22.12	85.50	20.73
	5	4.1	103.9	23.38	97.90	22.03	91.70	20.70	88.60	20.05	85.50	19.38	79.30	18.08
	7	6	97.90	20.54	91.70	19.31	85.50	18.11	82.40	17.49	79.30	16.91	72.90	15.71
	9	7.9	91.70	17.96	85.50	16.85	79.10	15.74	75.90	15.21	72.80	14.66	66.40	13.59
	11	9.8	85.20	15.64	79.00	14.63	72.50	13.63	69.40	13.14	66.10	12.65	59.60	11.69
	13	11.8	78.50	13.50	72.20	12.61	65.70	11.72	62.40	11.27	59.20	10.84	52.70	9.98
	15	13.7	71.60	11.63	65.10	10.84	58.60	10.04	55.40	9.65	52.10	9.26	45.30	8.49

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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28.5 Capacity Correction Factor

28.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

28.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

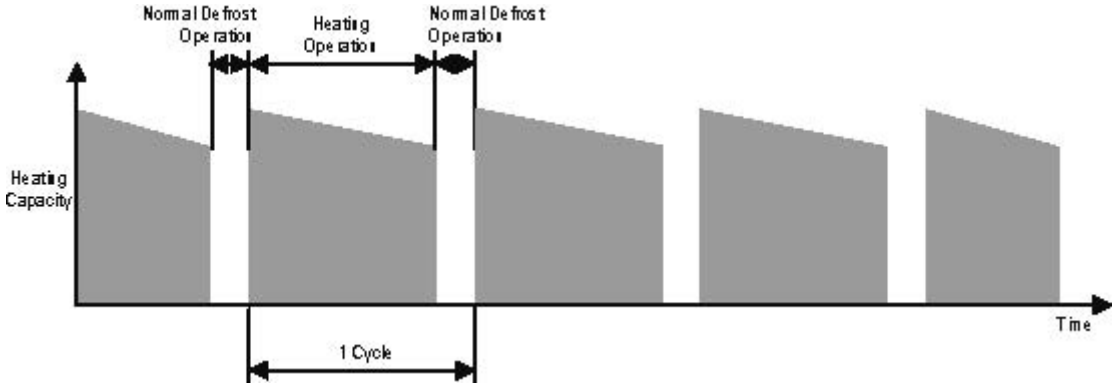
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

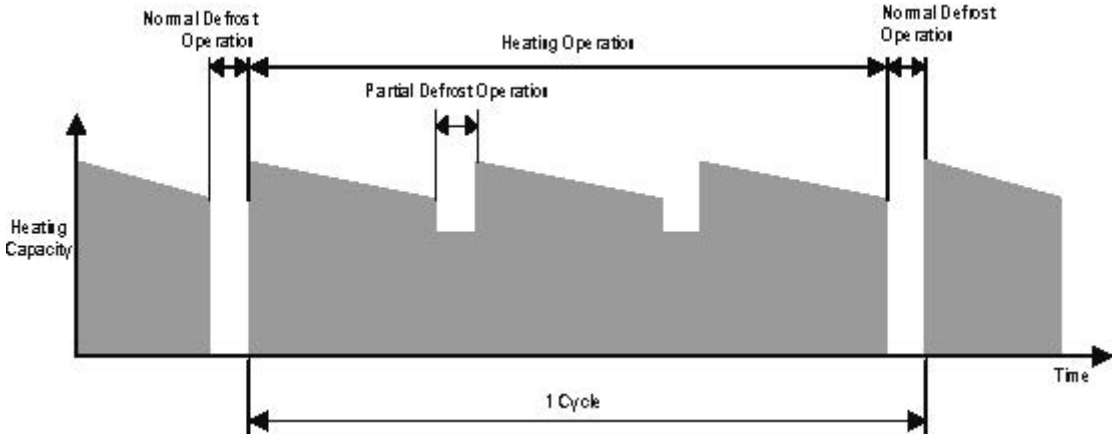
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

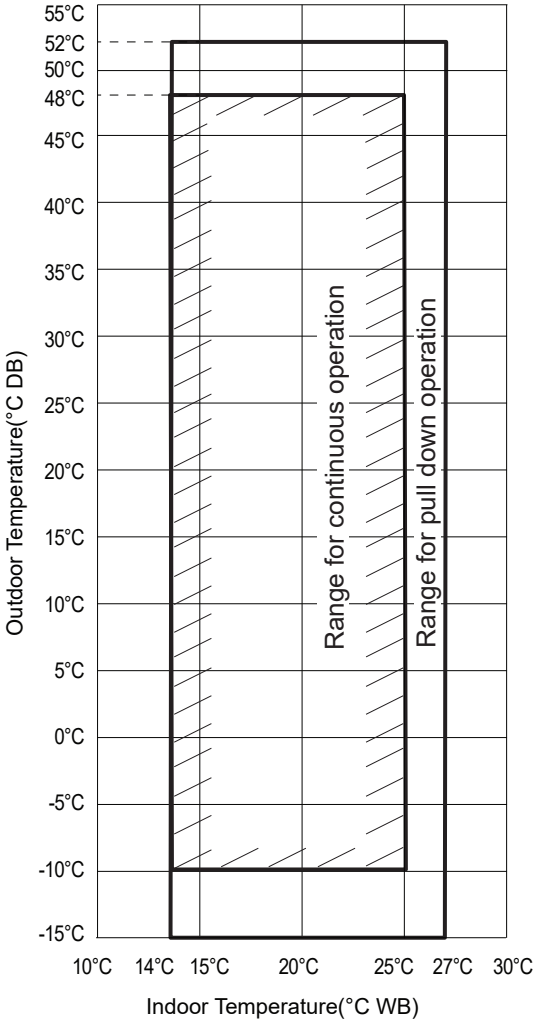


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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28.6 Operation Limits

28.6.1 Cooling

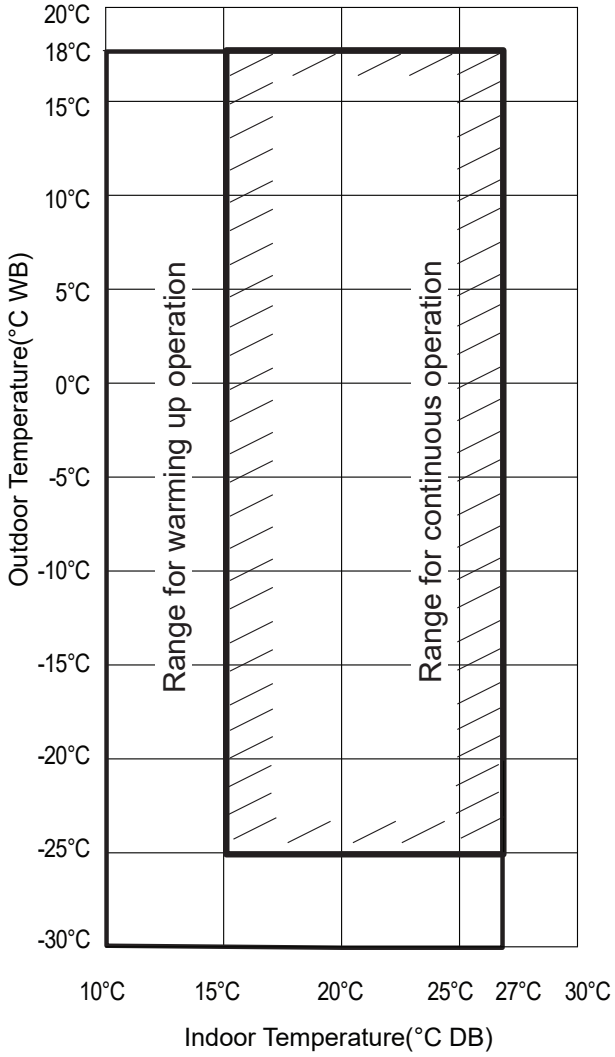


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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28.6.2 Heating

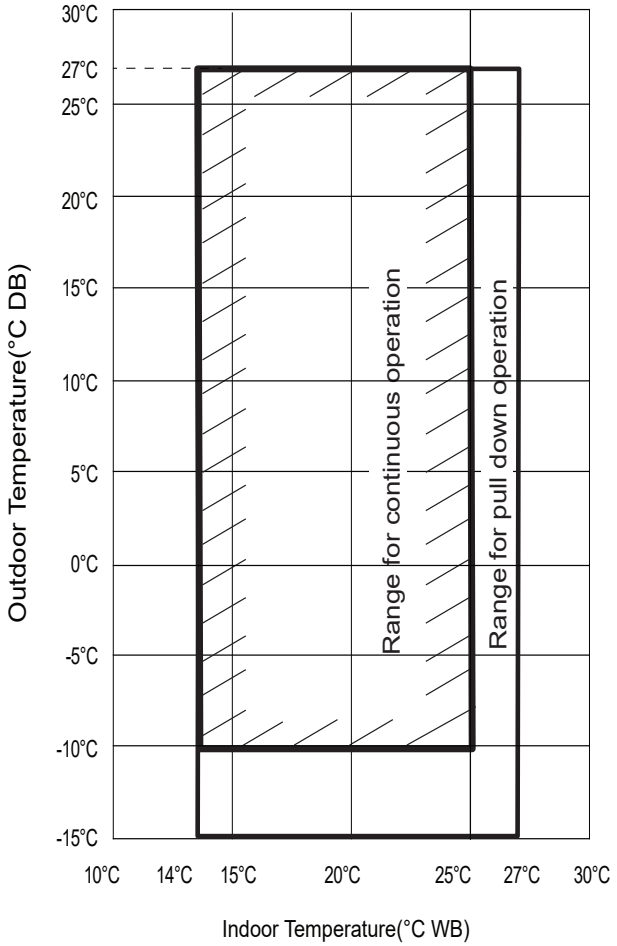


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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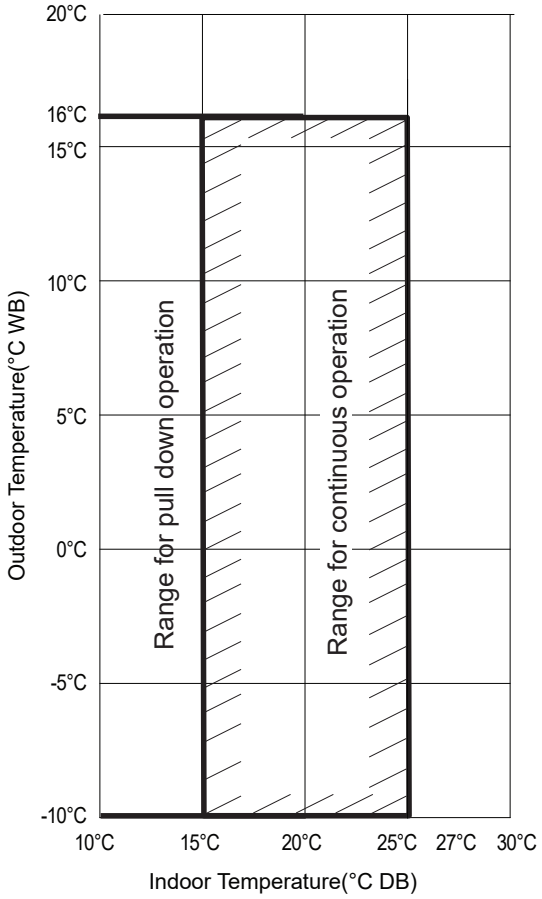
28.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

28.6.4 Simultaneous Operation (Heating)



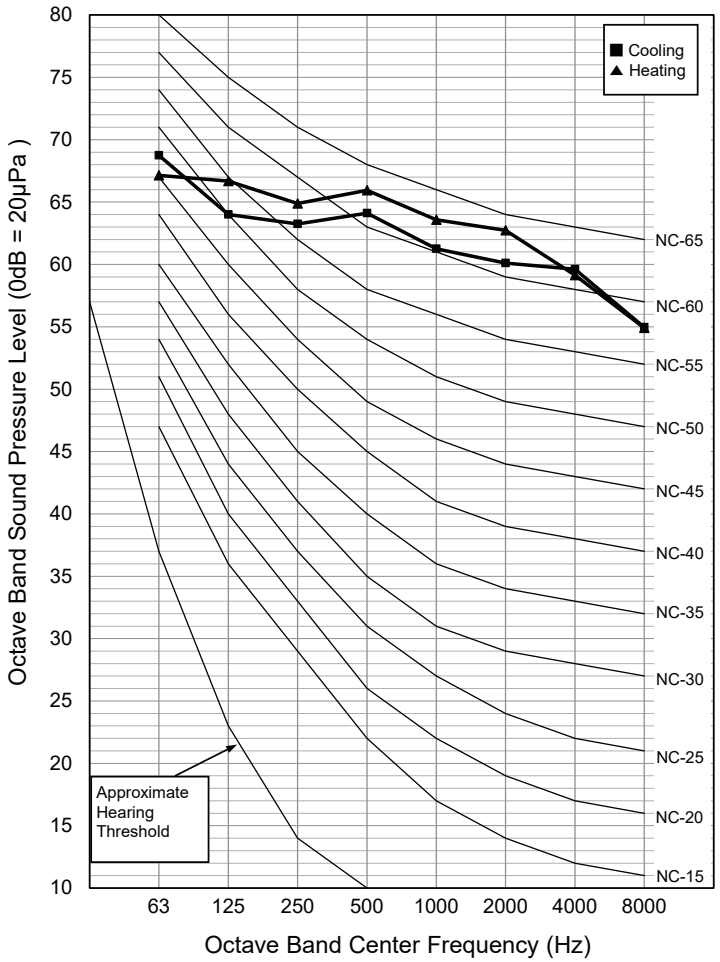
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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28.7 Sound Levels

28.7.1 Pressure Levels



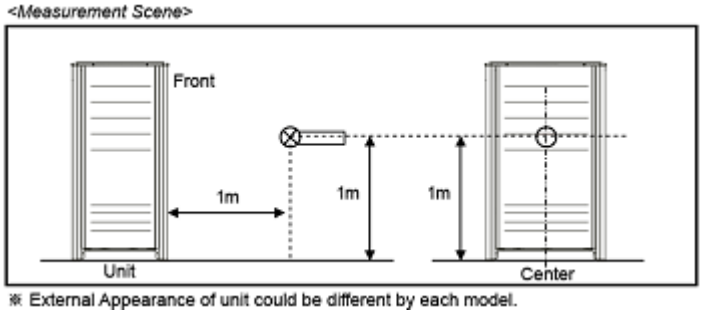
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	68.7	64.0	63.2	64.1	61.2	60.1	59.6	55.0
Heating[dB]	67.1	66.7	64.9	65.9	63.6	62.7	59.1	54.9

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	67.5 / 69.3

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

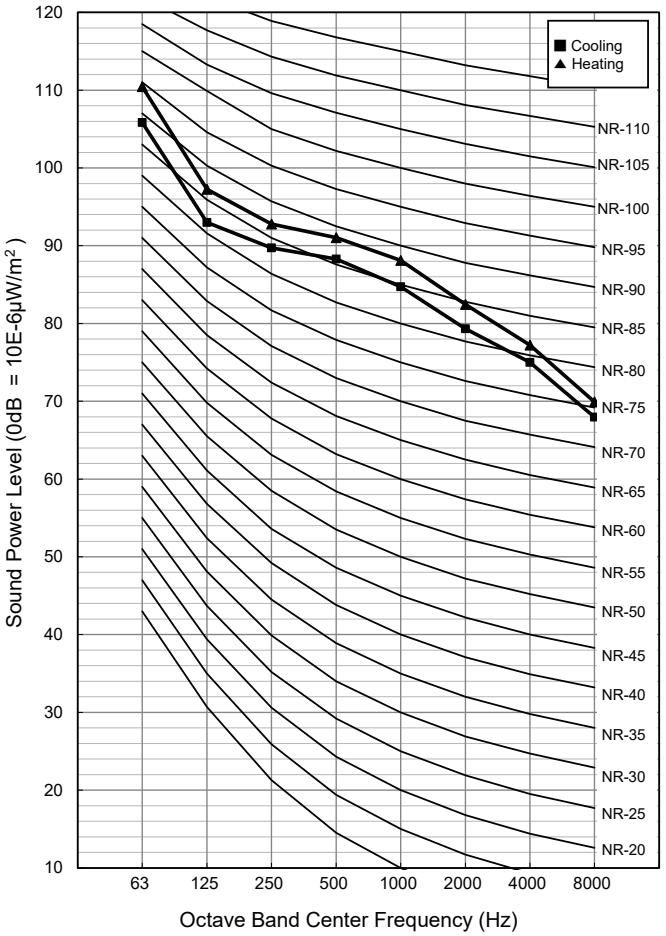
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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28.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	105.9	93.0	89.7	88.3	84.7	79.3	75.0	68.0
Heating[dB]	110.4	97.2	92.8	91.0	88.1	82.4	77.2	69.9

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.2 / 93.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

29. ARUM640LTE6

29.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXB + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	100.03 - 95.03 - 91.6
	Running Current by Voltage (Heating,Rated)	A	71.7 - 68.12 - 65.66
Cooling Capacity	Rated	kW	179.2
		Btu/h	611,500
Heating Capacity	Rated	kW	179.2
		Btu/h	611,500
	Max	kW	201.6
		Btu/h	687,900
Power Input(Cooling)	Rated	kW	61.23
Power Input(Heating)	Rated	kW	43.89
Efficiency	EER(Rated)	W/W	2.93
	COP(Rated)	W/W	4.08
	SEER	Wh/Wh	7.91
	SCOP	Wh/Wh	4.86
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 6
	Number of Revolution	rev./min	3,600 x 6
	Motor Output	W x No.	5,300 x 6
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 1) + ((1,240 x 1,745 x 760) x 2)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 1) + ((1,282 x 1,919 x 802) x 2)
Weight	Net	kg	(362 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(372 x 1) + (310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

29. ARUM640LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	48.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	100.200
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ41.3(1-5/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ34.9(1-3/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	68.0 / 69.3
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.5 / 93.5
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	148.1
	Maximum Fuse Amperes (MFA)	A	175
	Total Over Current Amperes (TOCA)	A	164.0
	Comp_Maximum Starting Current (MSC)	A	35.4
	Comp_Rated Load Amperes (Cooling)	A	90.0
	Comp_Rated Load Amperes (Heating)	A	61.7
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

29. ARUM640LTE6

29.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

29. ARUM640LTE6

29.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

29. ARUM640LTE6

29.4 Capacity Tables

29.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	139.9	15.20	176.7	21.34	216.3	31.35	232.9	36.84	251.5	43.43	267.5	48.98	280.0	53.33
	12	139.9	16.65	176.7	23.58	216.3	34.56	232.9	40.48	251.5	47.36	267.5	52.93	280.0	57.34
	14	139.9	18.26	176.7	26.04	216.3	38.07	232.9	44.38	251.5	51.58	267.5	57.22	280.0	61.69
	16	139.9	20.06	176.7	28.77	216.3	41.92	232.9	48.60	251.5	56.03	267.5	61.83	280.0	66.40
	18	139.9	22.06	176.7	31.76	216.3	46.12	232.9	53.19	251.5	60.82	267.5	66.42	280.0	70.08
	20	139.9	24.26	176.7	35.02	216.3	50.72	232.9	58.07	251.5	64.52	267.5	69.38	280.0	72.99
	21	139.9	25.45	176.7	36.78	216.3	53.11	232.9	59.69	251.5	66.07	267.5	70.94	280.0	74.53
	23	139.9	28.03	176.7	40.52	216.3	56.48	232.9	63.12	251.5	69.34	267.5	74.27	280.0	77.86
	25	139.9	30.83	176.7	43.56	216.3	59.92	232.9	66.66	251.5	72.86	267.5	77.90	280.0	81.54
	27	139.9	33.34	176.7	46.41	216.3	63.55	232.9	70.25	251.5	76.68	267.5	81.89	280.0	85.67
	29	139.9	35.56	176.7	49.46	216.3	67.43	232.9	74.12	251.5	80.83	267.5	86.32	279.1	90.05
	31	139.9	37.92	176.7	52.73	216.3	71.66	232.9	78.31	251.5	85.42	267.5	91.33	277.7	94.89
	33	139.9	40.45	176.7	56.24	216.3	76.09	232.9	82.87	251.5	90.55	264.5	95.83	264.5	95.85
	35	139.9	43.13	176.7	60.01	216.3	80.60	232.9	87.90	247.5	94.53	247.4	94.52	247.5	94.53
	37	139.9	46.01	176.7	64.09	216.3	85.55	230.7	92.54	230.8	92.55	230.6	92.52	230.6	92.53
	39	139.9	49.07	176.7	68.52	214.3	90.06	214.1	90.03	214.1	89.97	214.0	89.98	214.0	89.98
	41	139.9	52.34	176.7	73.39	198.4	87.26	198.1	87.22	198.1	87.16	197.8	87.10	198.1	87.21
	43	139.9	55.88	176.7	78.78	182.7	82.83	182.4	82.82	182.4	82.73	182.4	82.83	182.2	82.72
	46	139.9	61.69	160.7	75.42	160.3	75.30	160.4	75.36	160.3	75.25	160.1	75.21	160.3	75.31
	48	139.9	65.99	146.5	70.48	146.3	70.45	146.3	70.39	146.4	70.47	146.3	70.50	146.2	70.42
	50	133.6	66.24	133.4	66.15	133.1	66.09	133.1	66.09	133.1	66.07	132.8	65.97	132.9	66.02
	52	118.4	58.01	120.0	55.00	120.6	51.97	120.5	51.32	120.6	50.64	120.6	50.04	120.6	49.64
120	10	129.2	13.88	163.2	18.75	199.6	26.65	215.0	30.96	232.3	36.62	247.0	41.75	258.5	45.92
	12	129.2	15.12	163.2	20.69	199.6	29.44	215.0	34.15	232.3	40.25	247.0	45.61	258.5	49.80
	14	129.2	16.52	163.2	22.82	199.6	32.51	215.0	37.63	232.3	44.15	247.0	49.79	258.5	53.99
	16	129.2	18.07	163.2	25.18	199.6	35.85	215.0	41.42	232.3	48.35	247.0	54.34	258.5	58.53
	18	129.2	19.81	163.2	27.79	199.6	39.53	215.0	45.58	232.3	52.93	247.0	59.09	258.5	63.43
	20	129.2	21.74	163.2	30.65	199.6	43.54	215.0	50.15	232.3	57.81	247.0	63.05	258.5	66.64
	21	129.2	22.77	163.2	32.19	199.6	45.69	215.0	52.54	232.3	59.44	247.0	64.60	258.5	68.20
	23	129.2	25.03	163.2	35.47	199.6	49.48	215.0	55.92	232.3	62.88	247.0	67.87	258.5	71.51
	25	129.2	27.51	163.2	38.69	199.6	52.66	215.0	59.42	232.3	66.45	247.0	71.36	258.5	75.08
	27	129.2	30.06	163.2	41.25	199.6	56.07	215.0	63.00	232.3	70.04	247.0	75.11	258.5	78.97
	29	129.2	32.04	163.2	43.97	199.6	59.75	215.0	66.86	232.3	73.89	247.0	79.19	258.5	83.24
	31	129.2	34.16	163.2	46.88	199.6	63.71	215.0	71.04	232.3	78.05	247.0	83.68	258.5	87.99
	33	129.2	36.42	163.2	49.98	199.6	67.99	215.0	75.56	232.3	82.61	247.0	88.64	258.5	93.38
	35	129.2	38.85	163.2	53.32	199.6	72.36	215.0	80.04	232.3	87.63	247.0	94.26	247.7	94.59
	37	129.2	41.45	163.2	56.90	199.6	77.14	215.0	84.94	230.9	92.55	230.8	92.55	230.6	92.52
	39	129.2	44.19	163.2	60.75	199.6	82.42	214.3	90.08	214.3	90.06	214.1	90.05	214.1	90.02
	41	129.2	47.14	163.2	64.92	198.4	87.24	198.1	87.17	198.1	87.15	197.9	87.15	197.9	87.14
	43	129.2	50.30	163.2	69.48	182.7	82.87	182.6	82.81	182.5	82.77	182.4	82.80	182.4	82.81
	46	129.2	55.47	160.6	75.45	160.4	75.26	160.4	75.26	160.4	75.33	160.3	75.29	160.3	75.24
	48	129.2	59.24	146.6	70.48	146.5	70.49	146.5	70.56	146.3	70.46	146.2	70.40	146.3	70.41
	50	129.2	63.32	133.4	66.10	133.1	66.08	133.1	66.08	133.1	66.08	133.1	66.14	133.1	66.02
	52	118.0	59.13	119.4	56.25	120.6	53.21	120.6	52.61	120.5	51.92	120.6	51.41	120.6	51.14
110	10	118.4	12.75	149.5	16.56	183.0	22.67	197.1	25.99	212.8	30.34	226.3	34.59	236.9	38.28
	12	118.4	13.79	149.5	18.18	183.0	25.06	197.1	28.72	212.8	33.47	226.3	38.08	236.9	41.94
	14	118.4	14.98	149.5	20.01	183.0	27.68	197.1	31.72	212.8	36.88	226.3	41.87	236.9	45.89

29. ARUM640LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	118.4	16.30	149.5	22.04	183.0	30.57	197.1	35.00	212.8	40.63	226.3	46.02	236.9	50.21
	18	118.4	17.80	149.5	24.28	183.0	33.75	197.1	38.58	212.8	44.73	226.3	50.51	236.9	54.91
	20	118.4	19.46	149.5	26.74	183.0	37.20	197.1	42.51	212.8	49.20	226.3	55.32	236.9	59.63
	21	118.4	20.36	149.5	28.07	183.0	39.05	197.1	44.63	212.8	51.60	226.3	57.19	236.9	61.30
	23	118.4	22.32	149.5	30.92	183.0	43.04	197.1	48.46	212.8	55.03	226.3	60.51	236.9	64.62
	25	118.4	24.49	149.5	34.06	183.0	45.92	197.1	51.60	212.8	58.53	226.3	64.09	236.9	68.03
	27	118.4	26.87	149.5	36.47	183.0	48.94	197.1	54.94	212.8	62.12	226.3	67.92	236.9	71.68
	29	118.4	28.76	149.5	38.90	183.0	52.14	197.1	58.52	212.8	65.95	226.3	71.75	236.9	75.59
	31	118.4	30.65	149.5	41.47	183.0	55.58	197.1	62.41	212.8	70.05	226.3	75.81	236.9	79.87
	33	118.4	32.69	149.5	44.22	183.0	59.28	197.1	66.61	212.8	74.54	226.3	80.22	236.9	84.54
	35	118.4	34.85	149.5	47.17	183.0	63.28	197.1	71.06	212.8	79.15	226.3	85.04	236.9	89.71
	37	118.4	37.17	149.5	50.30	183.0	67.63	197.1	75.72	212.8	83.97	226.3	90.38	230.7	92.50
	39	118.4	39.66	149.5	53.67	183.0	72.38	197.1	80.87	212.8	89.28	214.1	89.97	214.3	90.04
	41	118.4	42.30	149.5	57.30	183.0	77.65	197.1	86.55	198.3	87.22	198.0	87.18	198.1	87.19
	43	118.4	45.13	149.5	61.21	182.6	82.73	182.7	82.89	182.6	82.82	182.5	82.82	182.5	82.81
	46	118.4	49.74	149.5	67.70	160.4	75.34	160.4	75.31	160.3	75.31	160.3	75.31	160.1	75.20
	48	118.4	53.07	146.6	70.56	146.5	70.54	146.5	70.54	146.5	70.47	146.2	70.46	146.2	70.42
	50	118.4	56.66	133.4	66.23	133.1	66.06	133.1	66.12	133.1	66.02	133.1	66.03	133.1	66.09
	52	117.4	59.78	118.5	57.66	120.3	54.73	120.4	54.13	120.6	53.49	120.2	52.94	120.6	52.20
100	10	107.6	11.77	136.0	14.69	166.4	19.33	179.2	21.85	193.6	25.10	205.8	28.31	215.4	31.10
	12	107.6	12.65	136.0	16.07	166.4	21.33	179.2	24.13	193.6	27.76	205.8	31.27	215.4	34.29
	14	107.6	13.64	136.0	17.59	166.4	23.54	179.2	26.68	193.6	30.65	205.8	34.48	215.4	37.78
	16	107.6	14.76	136.0	19.28	166.4	25.99	179.2	29.45	193.6	33.85	205.8	38.02	215.4	41.59
	18	107.6	16.00	136.0	21.18	166.4	28.68	179.2	32.51	193.6	37.33	205.8	41.89	215.4	45.78
	20	107.6	17.43	136.0	23.30	166.4	31.64	179.2	35.86	193.6	41.13	205.8	46.12	215.4	50.34
	21	107.6	18.18	136.0	24.42	166.4	33.22	179.2	37.64	193.6	43.18	205.8	48.38	215.4	52.76
	23	107.6	19.86	136.0	26.87	166.4	36.63	179.2	41.49	193.6	47.10	205.8	52.02	215.4	56.11
	25	107.6	21.74	136.0	29.56	166.4	39.81	179.2	44.47	193.6	50.13	205.8	55.35	215.4	59.58
	27	107.6	23.81	136.0	32.09	166.4	42.42	179.2	47.38	193.6	53.39	205.8	58.92	215.4	63.19
	29	107.6	25.71	136.0	34.22	166.4	45.23	179.2	50.48	193.6	56.89	205.8	62.78	215.4	67.06
	31	107.6	27.38	136.0	36.48	166.4	48.22	179.2	53.82	193.6	60.65	205.8	66.76	215.4	71.25
	33	107.6	29.18	136.0	38.91	166.4	51.42	179.2	57.40	193.6	64.71	205.8	70.99	215.4	75.76
	35	107.6	31.12	136.0	41.51	166.4	54.84	179.2	61.27	193.6	69.15	205.8	75.61	215.4	80.24
	37	107.6	33.18	136.0	44.26	166.4	58.53	179.2	65.44	193.6	73.81	205.8	80.68	215.4	85.15
	39	107.6	35.39	136.0	47.21	166.4	62.51	179.2	70.00	193.6	78.76	205.8	85.71	214.3	90.08
	41	107.6	37.77	136.0	50.37	166.4	66.83	179.2	75.02	193.6	84.24	198.2	87.22	198.3	87.21
	43	107.6	40.29	136.0	53.74	166.4	71.58	179.2	80.54	182.5	82.80	182.6	82.87	182.6	82.87
	46	107.6	44.41	136.0	59.31	160.4	75.33	160.6	75.32	160.5	75.30	160.5	75.32	160.3	75.24
	48	107.6	47.38	136.0	63.38	146.8	70.59	146.5	70.56	146.5	70.49	146.5	70.48	146.5	70.50
	50	107.6	50.56	133.5	66.15	133.4	66.12	133.3	66.07	133.2	66.10	133.2	66.09	133.1	66.08
	52	107.6	53.96	118.2	58.46	119.2	56.35	119.8	55.46	120.2	54.51	120.6	53.60	120.6	52.89
90	10	96.90	10.95	122.3	13.15	149.7	16.57	161.3	18.43	174.1	20.83	185.3	23.15	193.9	25.20
	12	96.90	11.66	122.3	14.25	149.7	18.22	161.3	20.32	174.1	23.01	185.3	25.60	193.9	27.85
	14	96.90	12.47	122.3	15.52	149.7	20.04	161.3	22.40	174.1	25.42	185.3	28.29	193.9	30.76
	16	96.90	13.39	122.3	16.93	149.7	22.08	161.3	24.71	174.1	28.06	185.3	31.25	193.9	33.96
	18	96.90	14.44	122.3	18.51	149.7	24.32	161.3	27.27	174.1	30.98	185.3	34.47	193.9	37.44
	20	96.90	15.61	122.3	20.26	149.7	26.80	161.3	30.06	174.1	34.16	185.3	38.02	193.9	41.27
	21	96.90	16.27	122.3	21.21	149.7	28.13	161.3	31.59	174.1	35.87	185.3	39.92	193.9	43.32
	23	96.90	17.67	122.3	23.27	149.7	30.99	161.3	34.80	174.1	39.55	185.3	43.93	193.9	47.22
	25	96.90	19.25	122.3	25.55	149.7	34.13	161.3	38.05	174.1	42.61	185.3	46.81	193.9	50.27
	27	96.90	21.03	122.3	28.06	149.7	36.54	161.3	40.55	174.1	45.42	185.3	49.86	193.9	53.53

29. ARUM640LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	96.90	22.89	122.3	29.93	149.7	38.96	161.3	43.23	174.1	48.41	185.3	53.13	193.9	57.04
	31	96.90	24.35	122.3	31.91	149.7	41.54	161.3	46.11	174.1	51.60	185.3	56.64	193.9	60.82
	33	96.90	25.92	122.3	34.02	149.7	44.29	161.3	49.16	174.1	55.04	185.3	60.40	193.9	64.90
	35	96.90	27.62	122.3	36.28	149.7	47.24	161.3	52.43	174.1	58.71	185.3	64.49	193.9	69.33
	37	96.90	29.45	122.3	38.68	149.7	50.40	161.3	55.93	174.1	62.69	185.3	68.94	193.9	73.99
	39	96.90	31.42	122.3	41.27	149.7	53.77	161.3	59.72	174.1	67.01	185.3	73.83	193.9	78.97
	41	96.90	33.53	122.3	44.02	149.7	57.40	161.3	63.82	174.1	71.75	185.3	79.01	193.9	84.47
	43	96.90	35.78	122.3	46.96	149.7	61.31	161.3	68.25	174.1	76.95	182.7	82.86	182.7	82.86
	46	96.90	39.44	122.3	51.75	149.7	67.81	160.6	75.39	160.6	75.37	160.4	75.33	160.6	75.39
	48	96.90	42.09	122.3	55.26	146.9	70.66	146.6	70.59	146.6	70.54	146.5	70.51	146.5	70.54
	50	96.90	44.92	122.3	59.01	133.4	66.20	133.4	66.19	133.3	66.12	133.3	66.11	133.4	66.16
	52	96.90	47.95	117.5	59.48	118.8	57.24	119.4	56.34	120.1	55.37	120.3	54.46	120.6	53.75
80	10	86.10	9.92	108.8	11.87	133.1	14.34	143.3	15.66	154.9	17.36	164.5	19.01	172.4	20.45
	12	86.10	10.83	108.8	12.75	133.1	15.65	143.3	17.18	154.9	19.11	164.5	20.98	172.4	22.59
	14	86.10	11.47	108.8	13.75	133.1	17.12	143.3	18.86	154.9	21.05	164.5	23.15	172.4	24.96
	16	86.10	12.21	108.8	14.90	133.1	18.77	143.3	20.73	154.9	23.22	164.5	25.56	172.4	27.56
	18	86.10	13.06	108.8	16.18	133.1	20.60	143.3	22.80	154.9	25.59	164.5	28.21	172.4	30.42
	20	86.10	14.02	108.8	17.62	133.1	22.61	143.3	25.11	154.9	28.21	164.5	31.12	172.4	33.56
	21	86.10	14.55	108.8	18.39	133.1	23.71	143.3	26.34	154.9	29.62	164.5	32.66	172.4	35.23
	23	86.10	15.73	108.8	20.10	133.1	26.06	143.3	29.02	154.9	32.65	164.5	36.00	172.4	38.83
	25	86.10	17.04	108.8	21.99	133.1	28.68	143.3	31.95	154.9	35.90	164.5	39.22	172.4	41.94
	27	86.10	18.53	108.8	24.09	133.1	31.22	143.3	34.42	154.9	38.29	164.5	41.81	172.4	44.71
	29	86.10	20.20	108.8	26.00	133.1	33.27	143.3	36.71	154.9	40.83	164.5	44.57	172.4	47.66
	31	86.10	21.55	108.8	27.70	133.1	35.49	143.3	39.15	154.9	43.54	164.5	47.52	172.4	50.79
	33	86.10	22.90	108.8	29.53	133.1	37.85	143.3	41.75	154.9	46.42	164.5	50.67	172.4	54.16
	35	86.10	24.39	108.8	31.48	133.1	40.36	143.3	44.51	154.9	49.52	164.5	54.03	172.4	57.79
	37	86.10	25.98	108.8	33.56	133.1	43.06	143.3	47.48	154.9	52.80	164.5	57.66	172.4	61.70
	39	86.10	27.71	108.8	35.81	133.1	45.91	143.3	50.65	154.9	56.35	164.5	61.59	172.4	65.93
	41	86.10	29.57	108.8	38.20	133.1	48.99	143.3	54.05	154.9	60.18	164.5	65.83	172.4	70.55
	43	86.10	31.57	108.8	40.76	133.1	52.26	143.3	57.69	154.9	64.32	164.5	70.45	172.4	75.64
	46	86.10	34.82	108.8	44.93	133.1	57.65	143.3	63.73	154.9	71.25	160.4	75.30	160.4	75.33
	48	86.10	37.19	108.8	47.94	133.1	61.60	143.3	68.20	146.6	70.52	146.6	70.52	146.6	70.52
	50	86.10	39.70	108.8	51.16	133.1	65.88	133.4	66.21	133.4	66.17	133.3	66.10	133.1	66.09
	52	86.10	42.38	108.8	54.60	118.2	58.43	118.8	57.50	119.4	56.49	119.8	55.56	120.2	54.86
70	10	75.50	8.22	95.10	10.83	116.5	12.55	125.4	13.47	135.4	14.63	144.0	15.77	150.7	16.74
	12	75.50	10.10	95.10	11.51	116.5	13.57	125.4	14.64	135.4	16.00	144.0	17.29	150.7	18.40
	14	75.50	10.60	95.10	12.29	116.5	14.71	125.4	15.95	135.4	17.51	144.0	18.98	150.7	20.26
	16	75.50	11.19	95.10	13.18	116.5	16.01	125.4	17.43	135.4	19.20	144.0	20.88	150.7	22.30
	18	75.50	11.86	95.10	14.20	116.5	17.45	125.4	19.07	135.4	21.09	144.0	22.98	150.7	24.57
	20	75.50	12.63	95.10	15.35	116.5	19.06	125.4	20.90	135.4	23.17	144.0	25.29	150.7	27.09
	21	75.50	13.06	95.10	15.98	116.5	19.94	125.4	21.89	135.4	24.31	144.0	26.55	150.7	28.42
	23	75.50	14.01	95.10	17.35	116.5	21.83	125.4	24.04	135.4	26.73	144.0	29.23	150.7	31.32
	25	75.50	15.07	95.10	18.89	116.5	23.96	125.4	26.40	135.4	29.42	144.0	32.19	150.7	34.49
	27	75.50	16.29	95.10	20.61	116.5	26.27	125.4	28.94	135.4	31.95	144.0	34.67	150.7	36.89
	29	75.50	17.68	95.10	22.46	116.5	28.17	125.4	30.85	135.4	34.05	144.0	36.97	150.7	39.35
	31	75.50	18.98	95.10	23.87	116.5	30.02	125.4	32.89	135.4	36.33	144.0	39.43	150.7	41.96
	33	75.50	20.13	95.10	25.42	116.5	32.00	125.4	35.08	135.4	38.74	144.0	42.04	150.7	44.74
	35	75.50	21.40	95.10	27.09	116.5	34.14	125.4	37.41	135.4	41.31	144.0	44.82	150.7	47.72
	37	75.50	22.79	95.10	28.87	116.5	36.40	125.4	39.90	135.4	44.07	144.0	47.81	150.7	50.89
	39	75.50	24.28	95.10	30.80	116.5	38.85	125.4	42.57	135.4	47.00	144.0	51.00	150.7	54.30
	41	75.50	25.90	95.10	32.87	116.5	41.43	125.4	45.41	135.4	50.15	144.0	54.44	150.7	57.97

29. ARUM640LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	75.50	27.65	95.10	35.08	116.5	44.19	125.4	48.43	135.4	53.50	144.0	58.11	150.7	61.92
	46	75.50	30.52	95.10	38.67	116.5	48.72	125.4	53.40	135.4	59.03	144.0	64.20	150.7	68.52
	48	75.50	32.61	95.10	41.28	116.5	51.98	125.4	57.01	135.4	63.09	144.0	68.72	146.8	70.62
	50	75.50	34.84	95.10	44.05	116.5	55.49	125.4	60.89	133.5	66.25	133.4	66.11	133.4	66.14
	52	75.50	37.21	95.10	47.01	116.5	59.26	117.8	59.03	118.5	57.98	119.1	57.04	119.4	56.32
60	10	64.60	6.58	81.60	9.15	99.80	11.16	107.5	11.76	116.1	12.52	123.5	13.26	129.3	13.90
	12	64.60	9.19	81.60	10.51	99.80	11.90	107.5	12.62	116.1	13.54	123.5	14.39	129.3	15.14
	14	64.60	9.60	81.60	11.08	99.80	12.76	107.5	13.61	116.1	14.67	123.5	15.67	129.3	16.52
	16	64.60	10.08	81.60	11.76	99.80	13.74	107.5	14.73	116.1	15.94	123.5	17.11	129.3	18.07
	18	64.60	10.64	81.60	12.53	99.80	14.84	107.5	15.97	116.1	17.38	123.5	18.72	129.3	19.82
	20	64.60	11.26	81.60	13.41	99.80	16.09	107.5	17.40	116.1	19.00	123.5	20.49	129.3	21.75
	21	64.60	11.61	81.60	13.90	99.80	16.76	107.5	18.15	116.1	19.87	123.5	21.46	129.3	22.80
	23	64.60	12.38	81.60	14.96	99.80	18.24	107.5	19.82	116.1	21.76	123.5	23.56	129.3	25.04
	25	64.60	13.25	81.60	16.18	99.80	19.91	107.5	21.68	116.1	23.86	123.5	25.86	129.3	27.52
	27	64.60	14.26	81.60	17.55	99.80	21.76	107.5	23.77	116.1	26.19	123.5	28.39	129.3	30.06
	29	64.60	15.39	81.60	19.09	99.80	23.63	107.5	25.67	116.1	28.09	123.5	30.28	129.3	32.05
	31	64.60	16.61	81.60	20.42	99.80	25.13	107.5	27.34	116.1	29.94	123.5	32.27	129.3	34.17
	33	64.60	17.58	81.60	21.70	99.80	26.77	107.5	29.12	116.1	31.92	123.5	34.41	129.3	36.45
	35	64.60	18.64	81.60	23.09	99.80	28.53	107.5	31.05	116.1	34.03	123.5	36.70	129.3	38.88
	37	64.60	19.82	81.60	24.59	99.80	30.43	107.5	33.11	116.1	36.29	123.5	39.14	129.3	41.45
	39	64.60	21.09	81.60	26.23	99.80	32.47	107.5	35.32	116.1	38.72	123.5	41.76	129.3	44.22
	41	64.60	22.50	81.60	27.97	99.80	34.65	107.5	37.70	116.1	41.31	123.5	44.54	129.3	47.17
	43	64.60	24.01	81.60	29.86	99.80	36.97	107.5	40.22	116.1	44.05	123.5	47.52	129.3	50.33
	46	64.60	26.52	81.60	32.96	99.80	40.76	107.5	44.31	116.1	48.55	123.5	52.37	129.3	55.50
	48	64.60	28.35	81.60	35.20	99.80	43.49	107.5	47.28	116.1	51.81	123.5	55.90	129.3	59.27
	50	64.60	30.30	81.60	37.60	99.80	46.40	107.5	50.46	116.1	55.31	123.5	59.72	129.3	63.36
	52	64.60	32.42	81.60	40.14	99.80	49.51	107.5	53.86	116.1	59.07	117.8	59.12	118.2	58.39
50	10	53.80	5.10	67.90	7.09	83.20	9.42	89.60	10.46	96.70	10.94	103.0	11.40	107.8	11.77
	12	53.80	7.89	67.90	9.50	83.20	10.62	89.60	11.08	96.70	11.65	103.0	12.19	107.8	12.65
	14	53.80	8.55	67.90	9.95	83.20	11.22	89.60	11.76	96.70	12.46	103.0	13.10	107.8	13.64
	16	53.80	8.93	67.90	10.46	83.20	11.90	89.60	12.57	96.70	13.38	103.0	14.13	107.8	14.76
	18	53.80	9.36	67.90	11.03	83.20	12.71	89.60	13.48	96.70	14.41	103.0	15.29	107.8	16.01
	20	53.80	9.85	67.90	11.71	83.20	13.62	89.60	14.51	96.70	15.60	103.0	16.59	107.8	17.44
	21	53.80	10.13	67.90	12.06	83.20	14.12	89.60	15.07	96.70	16.24	103.0	17.30	107.8	18.21
	23	53.80	10.75	67.90	12.89	83.20	15.24	89.60	16.33	96.70	17.64	103.0	18.87	107.8	19.89
	25	53.80	11.45	67.90	13.82	83.20	16.47	89.60	17.73	96.70	19.24	103.0	20.61	107.8	21.74
	27	53.80	12.24	67.90	14.89	83.20	17.90	89.60	19.30	96.70	21.00	103.0	22.54	107.8	23.81
	29	53.80	13.15	67.90	16.10	83.20	19.47	89.60	21.06	96.70	22.86	103.0	24.44	107.8	25.71
	31	53.80	14.16	67.90	17.36	83.20	20.81	89.60	22.42	96.70	24.32	103.0	26.01	107.8	27.38
	33	53.80	15.03	67.90	18.37	83.20	22.12	89.60	23.85	96.70	25.88	103.0	27.71	107.8	29.19
	35	53.80	15.90	67.90	19.48	83.20	23.54	89.60	25.40	96.70	27.58	103.0	29.54	107.8	31.13
	37	53.80	16.85	67.90	20.72	83.20	25.07	89.60	27.07	96.70	29.42	103.0	31.49	107.8	33.20
	39	53.80	17.92	67.90	22.07	83.20	26.74	89.60	28.87	96.70	31.38	103.0	33.60	107.8	35.42
	41	53.80	19.10	67.90	23.52	83.20	28.53	89.60	30.80	96.70	33.47	103.0	35.85	107.8	37.78
	43	53.80	20.39	67.90	25.11	83.20	30.46	89.60	32.87	96.70	35.74	103.0	38.26	107.8	40.30
	46	53.80	22.59	67.90	27.74	83.20	33.62	89.60	36.28	96.70	39.39	103.0	42.17	107.8	44.41
	48	53.80	24.21	67.90	29.64	83.20	35.89	89.60	38.72	96.70	42.03	103.0	45.00	107.8	47.39
	50	53.80	25.99	67.90	31.69	83.20	38.33	89.60	41.32	96.70	44.85	103.0	48.01	107.8	50.57
	52	53.80	27.91	67.90	33.89	83.20	40.92	89.60	44.10	96.70	47.88	103.0	51.23	107.8	53.99

29. ARUM640LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

29. ARUM640LTE6

29.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	38.10	2.81	61.10	4.49	86.70	6.41	92.80	6.89	98.90	7.39	105.3	7.92	112.0	8.58
	12	38.10	2.81	61.10	4.50	86.70	6.47	92.80	6.95	98.90	7.45	105.3	7.99	112.0	8.70
	14	38.10	2.82	61.10	4.53	86.70	6.56	92.80	7.05	98.90	7.58	105.3	8.14	112.0	8.89
	16	38.10	2.82	61.10	4.59	86.70	6.71	92.80	7.24	98.90	7.80	105.3	8.43	112.0	9.30
	18	38.10	2.85	61.10	4.71	86.70	7.03	92.80	7.65	98.90	8.31	105.3	9.06	112.0	10.17
	20	38.10	2.95	61.10	4.99	86.70	7.89	92.80	8.70	98.90	9.60	105.3	10.62	112.0	12.39
	21	43.20	3.67	65.90	6.29	91.20	10.64	97.30	11.24	103.3	11.91	109.4	12.60	115.6	13.68
	23	53.20	8.17	75.80	10.25	100.8	13.19	106.5	13.96	112.3	14.80	117.5	15.57	123.2	16.83
	25	63.70	10.20	85.70	12.79	110.7	16.61	115.9	17.55	121.6	18.57	125.8	19.41	130.8	20.88
	27	74.20	12.97	96.00	16.22	120.6	21.12	125.7	22.27	130.9	23.41	134.4	24.18	146.2	27.59
	29	85.10	16.72	106.3	20.56	130.9	26.10	135.7	27.29	140.8	28.59	149.2	30.88	172.9	38.95
	31	96.30	21.07	117.1	25.51	141.4	32.15	145.9	33.48	158.4	37.45	176.6	43.67	199.7	54.16
	33	107.8	26.48	128.1	31.68	152.0	39.60	167.4	45.22	186.3	52.92	203.8	60.80	226.3	73.99
	35	119.7	33.33	139.5	39.37	178.5	55.46	195.2	63.72	214.1	73.73	231.0	82.02	253.1	93.56
	37	119.7	35.58	139.5	42.03	178.5	59.22	195.2	68.11	214.1	78.67	231.0	87.12	236.2	91.47
	39	119.7	37.98	139.5	44.85	178.5	63.28	195.2	72.93	214.1	84.10	221.5	88.03	219.0	88.67
	41	119.7	40.54	139.5	47.86	178.5	67.69	195.2	78.26	204.9	84.15	204.9	84.18	202.4	85.06
	43	119.7	43.27	139.5	51.09	178.5	72.51	188.9	79.57	188.7	79.49	188.6	79.48	186.6	80.70
	46	119.7	47.70	139.5	56.34	166.1	72.15	166.1	72.14	165.9	72.10	166.0	72.08	164.0	73.04
	48	119.7	50.92	139.5	60.20	151.7	67.60	151.9	67.73	151.6	67.60	151.4	67.56	149.7	68.39
	50	119.7	54.35	138.3	63.57	137.9	63.48	138.0	63.57	137.9	63.49	137.7	63.43	136.0	64.17
	52	118.4	57.21	120.1	53.57	122.0	50.78	122.4	50.24	122.9	49.63	123.3	49.11	123.2	49.35
120	10	35.20	2.60	56.40	4.14	80.00	5.91	85.50	6.34	91.20	6.78	97.20	7.24	103.3	7.82
	12	35.20	2.60	56.40	4.15	80.00	5.95	85.50	6.39	91.20	6.82	97.20	7.31	103.3	7.91
	14	35.20	2.60	56.40	4.17	80.00	6.01	85.50	6.46	91.20	6.94	97.20	7.43	103.3	8.07
	16	35.20	2.61	56.40	4.21	80.00	6.13	85.50	6.62	91.20	7.10	97.20	7.65	103.3	8.38
	18	35.20	2.64	56.40	4.30	80.00	6.39	85.50	6.93	91.20	7.50	97.20	8.13	103.3	9.08
	20	35.20	2.70	56.40	4.52	80.00	7.05	85.50	7.76	91.20	8.50	97.20	9.35	103.3	10.93
	21	39.70	3.30	60.80	5.59	84.20	9.35	89.90	10.45	95.40	11.05	100.8	11.63	106.8	12.57
	23	49.20	7.79	69.80	9.64	93.10	12.21	98.30	12.85	103.7	13.58	108.5	14.24	113.6	15.33
	25	58.80	9.63	79.10	11.92	102.1	15.21	107.1	16.02	112.3	16.89	116.2	17.59	120.7	18.88
	27	68.50	12.11	88.60	14.95	111.3	19.16	116.1	20.13	120.9	21.19	124.1	21.91	135.0	24.91
	29	78.70	15.47	98.20	18.91	120.7	23.72	125.1	24.74	129.9	25.86	137.9	27.85	159.7	34.77
	31	88.90	19.45	108.1	23.30	130.5	29.03	134.7	30.19	146.2	33.60	162.9	38.93	184.3	47.89
	33	99.50	24.24	118.4	28.76	140.5	35.60	154.6	40.45	172.1	47.01	188.1	53.69	208.9	65.29
	35	110.4	30.31	128.7	35.54	164.8	49.37	180.2	56.34	197.7	64.93	213.1	73.24	233.6	84.81
	37	110.4	32.36	128.7	37.94	164.8	52.70	180.2	60.17	197.7	69.45	213.1	78.10	233.6	90.15
	39	110.4	34.54	128.7	40.50	164.8	56.26	180.2	64.30	197.7	74.38	213.1	83.50	219.0	88.69
	41	110.4	36.86	128.7	43.23	164.8	60.09	180.2	68.79	197.7	79.77	205.0	84.17	202.5	85.12
	43	110.4	39.35	128.7	46.13	164.8	64.23	180.2	73.71	188.9	79.56	188.8	79.50	186.6	80.59
	46	110.4	43.42	128.7	50.86	164.8	71.14	166.2	72.15	165.9	72.07	165.9	72.07	164.0	73.08
	48	110.4	46.33	128.7	54.29	151.7	67.66	151.7	67.65	151.7	67.63	151.5	67.54	149.7	68.45
	50	110.4	49.44	128.7	57.97	137.9	63.46	138.0	63.52	138.1	63.56	138.0	63.49	136.3	64.26
	52	110.4	52.79	119.4	54.74	121.3	51.93	121.7	51.37	122.0	50.78	122.3	50.37	122.6	50.78
110	10	32.30	2.36	51.80	3.79	73.30	5.40	78.40	5.78	83.60	6.19	89.00	6.61	94.70	7.11
	12	32.30	2.36	51.80	3.79	73.30	5.43	78.40	5.84	83.60	6.23	89.00	6.65	94.70	7.19
	14	32.30	2.37	51.80	3.82	73.30	5.49	78.40	5.88	83.60	6.32	89.00	6.74	94.70	7.30
	16	32.30	2.39	51.80	3.85	73.30	5.58	78.40	6.00	83.60	6.45	89.00	6.92	94.70	7.54
	18	32.30	2.40	51.80	3.92	73.30	5.77	78.40	6.25	83.60	6.75	89.00	7.27	94.70	8.07

29. ARUM640LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	32.30	2.44	51.80	4.08	73.30	6.28	78.40	6.88	83.60	7.52	89.00	8.22	94.70	9.47
	21	36.50	2.97	55.70	4.95	77.20	8.07	82.30	8.98	87.40	9.98	92.50	10.75	97.90	11.55
	23	45.10	7.44	64.00	9.07	85.40	11.30	90.20	11.85	95.00	12.45	99.50	12.99	104.3	13.96
	25	53.80	9.07	72.60	11.09	93.50	13.91	98.20	14.59	102.8	15.32	106.5	15.92	110.7	17.02
	27	62.80	11.27	81.20	13.76	102.1	17.34	106.3	18.17	110.8	19.05	113.9	19.67	123.8	22.37
	29	72.00	14.26	89.90	17.29	110.7	21.50	114.8	22.37	119.0	23.32	126.4	25.01	146.3	30.91
	31	81.60	17.90	99.20	21.21	119.6	26.15	123.5	27.13	134.1	30.04	149.4	34.57	169.0	42.14
	33	91.20	22.13	108.5	26.00	128.7	31.88	141.7	35.99	157.7	41.57	172.5	47.18	191.4	56.84
	35	101.2	27.47	118.1	31.96	151.0	43.75	165.2	49.62	181.1	56.76	195.5	63.74	214.1	75.69
	37	101.2	29.31	118.1	34.11	151.0	46.70	165.2	52.96	181.1	60.63	195.5	68.15	214.1	80.81
	39	101.2	31.29	118.1	36.42	151.0	49.83	165.2	56.54	181.1	64.79	195.5	72.97	214.1	86.14
	41	101.2	33.42	118.1	38.88	151.0	53.19	165.2	60.39	181.1	69.32	195.5	78.29	202.7	85.12
	43	101.2	35.67	118.1	41.51	151.0	56.79	165.2	64.57	181.1	74.29	188.9	79.57	186.7	80.70
	46	101.2	39.36	118.1	45.76	151.0	62.72	165.2	71.53	166.2	72.19	166.1	72.10	163.9	73.04
	48	101.2	42.02	118.1	48.84	151.0	67.09	151.7	67.56	151.7	67.66	151.7	67.60	149.8	68.42
	50	101.2	44.85	118.1	52.10	138.2	63.57	138.1	63.52	138.0	63.55	137.9	63.46	136.3	64.24
	52	101.2	47.88	118.1	55.59	120.4	53.30	120.7	52.77	121.1	52.17	120.8	51.58	122.0	51.58
100	10	29.40	2.15	47.00	3.44	66.60	4.90	71.30	5.26	76.10	5.61	81.00	5.99	86.10	6.44
	12	29.40	2.15	47.00	3.44	66.60	4.91	71.30	5.29	76.10	5.64	81.00	6.02	86.10	6.50
	14	29.40	2.15	47.00	3.45	66.60	4.97	71.30	5.32	76.10	5.70	81.00	6.08	86.10	6.57
	16	29.40	2.16	47.00	3.48	66.60	5.03	71.30	5.41	76.10	5.80	81.00	6.21	86.10	6.75
	18	29.40	2.18	47.00	3.54	66.60	5.17	71.30	5.60	76.10	6.02	81.00	6.49	86.10	7.13
	20	29.40	2.22	47.00	3.67	66.60	5.56	71.30	6.07	76.10	6.59	81.00	7.18	86.10	8.18
	21	33.20	2.65	50.80	4.35	70.30	6.93	74.90	7.67	79.40	8.47	84.10	9.32	89.00	10.63
	23	41.00	7.06	58.20	8.49	77.50	10.44	81.90	10.92	86.40	11.41	90.30	11.89	94.70	12.67
	25	49.00	8.52	65.90	10.29	85.10	12.70	89.30	13.28	93.50	13.89	96.90	14.38	100.5	15.32
	27	57.00	10.47	73.90	12.63	92.80	15.66	96.70	16.36	100.8	17.12	103.4	17.61	112.4	19.86
	29	65.60	13.11	81.90	15.72	100.5	19.40	104.3	20.14	108.2	20.97	114.9	22.38	133.1	27.34
	31	74.20	16.41	90.20	19.24	108.8	23.45	112.1	24.26	121.9	26.74	135.7	30.54	153.6	36.89
	33	82.90	20.13	98.60	23.43	117.1	28.40	128.7	31.88	143.4	36.56	156.8	41.25	174.1	49.26
	35	92.10	24.78	107.2	28.60	137.3	38.56	150.1	43.47	164.8	49.38	177.6	55.10	194.6	65.32
	37	92.10	26.44	107.2	30.53	137.3	41.15	150.1	46.39	164.8	52.71	177.6	58.83	194.6	69.88
	39	92.10	28.23	107.2	32.58	137.3	43.93	150.1	49.51	164.8	56.27	177.6	62.85	194.6	74.85
	41	92.10	30.14	107.2	34.79	137.3	46.87	150.1	52.85	164.8	60.10	177.6	67.23	194.6	80.16
	43	92.10	32.20	107.2	37.17	137.3	50.03	150.1	56.43	164.8	64.26	177.6	71.99	186.9	80.74
	46	92.10	35.54	107.2	40.99	137.3	55.17	150.1	62.30	164.8	71.17	166.1	72.15	164.0	73.01
	48	92.10	37.96	107.2	43.76	137.3	58.93	150.1	66.64	151.7	67.63	151.6	67.61	149.7	68.39
	50	92.10	40.53	107.2	46.69	137.3	62.96	138.2	63.56	138.0	63.51	138.2	63.61	136.0	64.17
	52	92.10	43.28	107.2	49.83	119.2	54.84	120.0	53.99	120.5	53.07	121.1	52.23	121.4	52.24
90	10	26.50	1.94	42.30	3.09	59.90	4.39	64.30	4.73	68.50	5.04	72.90	5.36	77.50	5.78
	12	26.50	1.94	42.30	3.10	59.90	4.42	64.30	4.73	68.50	5.05	72.90	5.40	77.50	5.81
	14	26.50	1.94	42.30	3.10	59.90	4.45	64.30	4.77	68.50	5.11	72.90	5.45	77.50	5.87
	16	26.50	1.94	42.30	3.13	59.90	4.49	64.30	4.83	68.50	5.17	72.90	5.55	77.50	6.00
	18	26.50	1.95	42.30	3.16	59.90	4.61	64.30	4.96	68.50	5.33	72.90	5.74	77.50	6.28
	20	26.50	1.98	42.30	3.25	59.90	4.86	64.30	5.30	68.50	5.74	72.90	6.24	77.50	7.04
	21	29.80	2.33	45.70	3.78	63.30	5.90	67.30	6.49	71.40	7.13	75.60	7.80	80.00	9.37
	23	36.80	6.71	52.50	7.96	69.80	9.63	73.70	10.04	77.80	10.47	81.30	10.85	85.20	11.53
	25	44.10	8.00	59.20	9.52	76.50	11.58	80.30	12.07	84.20	12.58	87.10	13.00	90.60	13.77
	27	51.50	9.71	66.30	11.55	83.50	14.12	87.00	14.71	90.60	15.31	93.10	15.73	101.2	17.61
	29	58.90	12.00	73.60	14.23	90.60	17.42	93.80	18.09	97.30	18.76	103.3	19.95	119.7	24.07
	31	66.60	14.97	81.00	17.42	97.90	20.93	100.9	21.62	109.7	23.66	122.2	26.82	138.2	32.08

29. ARUM640LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	74.60	18.27	88.70	21.01	105.3	25.18	115.9	28.09	129.0	31.95	141.1	35.81	156.8	42.38
	35	82.90	22.28	96.60	25.47	123.5	33.76	135.3	37.82	148.2	42.69	159.9	47.33	175.1	55.59
	37	82.90	23.74	96.60	27.17	123.5	36.04	135.3	40.38	148.2	45.55	159.9	50.53	175.1	59.36
	39	82.90	25.33	96.60	29.01	123.5	38.47	135.3	43.09	148.2	48.63	159.9	53.94	175.1	63.42
	41	82.90	27.06	96.60	30.98	123.5	41.06	135.3	45.99	148.2	51.90	159.9	57.59	175.1	67.84
	43	82.90	28.91	96.60	33.10	123.5	43.83	135.3	49.08	148.2	55.41	159.9	61.54	175.1	72.67
	46	82.90	31.94	96.60	36.53	123.5	48.32	135.3	54.12	148.2	61.17	159.9	68.06	164.2	73.10
	48	82.90	34.14	96.60	39.01	123.5	51.58	135.3	57.80	148.2	65.40	151.7	67.61	150.0	68.54
	50	82.90	36.47	96.60	41.65	123.5	55.05	135.3	61.75	138.0	63.53	138.0	63.52	136.3	64.31
	52	82.90	38.95	96.60	44.47	118.8	55.72	119.4	54.83	120.1	53.90	120.5	53.04	121.0	53.06
80	10	23.40	1.72	37.70	2.74	53.40	3.90	57.00	4.18	60.80	4.46	64.70	4.77	68.80	5.12
	12	23.40	1.72	37.70	2.75	53.40	3.90	57.00	4.20	60.80	4.49	64.70	4.77	68.80	5.15
	14	23.40	1.73	37.70	2.75	53.40	3.93	57.00	4.21	60.80	4.52	64.70	4.81	68.80	5.18
	16	23.40	1.73	37.70	2.75	53.40	3.97	57.00	4.27	60.80	4.56	64.70	4.87	68.80	5.27
	18	23.40	1.73	37.70	2.78	53.40	4.03	57.00	4.34	60.80	4.68	64.70	5.02	68.80	5.46
	20	23.40	1.74	37.70	2.85	53.40	4.22	57.00	4.59	60.80	4.96	64.70	5.36	68.80	5.99
	21	26.60	2.04	40.60	3.27	56.30	4.99	59.80	5.46	63.60	5.96	67.20	6.47	71.10	7.65
	23	32.70	6.37	46.70	7.44	62.10	8.87	65.60	9.21	69.10	9.56	72.30	9.88	75.80	10.46
	25	39.10	7.48	52.80	8.79	68.10	10.54	71.40	10.95	74.80	11.37	77.40	11.71	80.60	12.35
	27	45.70	8.97	58.90	10.54	74.20	12.69	77.40	13.17	80.60	13.67	82.80	14.01	89.90	15.54
	29	52.40	10.95	65.50	12.83	80.60	15.47	83.50	16.03	86.70	16.62	91.80	17.67	106.5	21.08
	31	59.20	13.53	72.00	15.66	87.00	18.61	89.60	19.17	97.60	20.85	108.7	23.42	122.9	27.69
	33	66.30	16.45	78.80	18.77	93.70	22.20	103.0	24.58	114.6	27.74	125.4	30.86	139.2	36.17
	35	73.60	19.94	85.80	22.56	109.8	29.37	120.3	32.67	131.8	36.60	142.1	40.35	155.6	46.95
	37	73.60	21.22	85.80	24.05	109.8	31.34	120.3	34.88	131.8	39.06	142.1	43.05	155.6	50.08
	39	73.60	22.64	85.80	25.68	109.8	33.46	120.3	37.23	131.8	41.69	142.1	45.96	155.6	53.48
	41	73.60	24.18	85.80	27.43	109.8	35.73	120.3	39.73	131.8	44.50	142.1	49.05	155.6	57.10
	43	73.60	25.83	85.80	29.30	109.8	38.15	120.3	42.42	131.8	47.50	142.1	52.35	155.6	60.99
	46	73.60	28.55	85.80	32.36	109.8	42.08	120.3	46.75	131.8	52.37	142.1	57.75	155.6	67.50
	48	73.60	30.51	85.80	34.59	109.8	44.91	120.3	49.90	131.8	55.91	142.1	61.72	150.1	68.55
	50	73.60	32.63	85.80	36.96	109.8	47.92	120.3	53.26	131.8	59.71	138.0	63.53	136.3	64.24
	52	73.60	34.89	85.80	39.47	109.8	51.14	118.8	55.95	119.4	54.98	119.8	54.09	120.4	54.12
70	10	20.50	1.51	32.90	2.40	46.70	3.41	49.90	3.65	53.20	3.90	56.70	4.15	60.20	4.46
	12	20.50	1.51	32.90	2.40	46.70	3.41	49.90	3.66	53.20	3.90	56.70	4.17	60.20	4.48
	14	20.50	1.51	32.90	2.40	46.70	3.44	49.90	3.68	53.20	3.93	56.70	4.18	60.20	4.52
	16	20.50	1.51	32.90	2.40	46.70	3.45	49.90	3.69	53.20	3.96	56.70	4.24	60.20	4.56
	18	20.50	1.52	32.90	2.43	46.70	3.51	49.90	3.76	53.20	4.03	56.70	4.31	60.20	4.70
	20	20.50	1.52	32.90	2.47	46.70	3.63	49.90	3.91	53.20	4.22	56.70	4.55	60.20	5.03
	21	23.30	1.77	35.50	2.80	49.20	4.16	52.40	4.53	55.70	4.92	58.90	5.32	62.30	6.15
	23	28.80	5.67	40.70	6.95	54.40	8.14	57.30	8.42	60.50	8.72	63.30	8.98	66.30	9.46
	25	34.20	6.99	46.10	8.07	59.50	9.53	62.40	9.88	65.50	10.22	67.80	10.50	70.40	11.05
	27	40.00	8.25	51.60	9.57	65.00	11.34	67.60	11.75	70.40	12.16	72.40	12.42	78.70	13.67
	29	45.80	9.92	57.30	11.48	70.40	13.67	73.00	14.12	75.80	14.61	80.30	15.44	93.10	18.34
	31	51.90	12.13	63.00	13.98	76.10	16.45	78.40	16.92	85.40	18.26	95.10	20.32	107.5	23.73
	33	58.00	14.65	69.10	16.66	81.90	19.46	90.20	21.36	100.4	23.88	109.7	26.35	121.9	30.58
	35	64.40	17.70	75.20	19.87	96.00	25.33	105.2	27.96	115.2	31.09	124.4	34.04	136.3	39.23
	37	64.40	18.83	75.20	21.15	96.00	27.03	105.2	29.84	115.2	33.19	124.4	36.33	136.3	41.87
	39	64.40	20.07	75.20	22.57	96.00	28.86	105.2	31.87	115.2	35.42	124.4	38.78	136.3	44.68
	41	64.40	21.44	75.20	24.11	96.00	30.83	105.2	34.02	115.2	37.83	124.4	41.40	136.3	47.69
	43	64.40	22.93	75.20	25.76	96.00	32.91	105.2	36.33	115.2	40.38	124.4	44.18	136.3	50.91
	46	64.40	25.34	75.20	28.48	96.00	36.34	105.2	40.09	115.2	44.51	124.4	48.71	136.3	56.16

29. ARUM640LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	64.40	27.12	75.20	30.44	96.00	38.80	105.2	42.78	115.2	47.51	124.4	52.00	136.3	60.00
	50	64.40	29.01	75.20	32.56	96.00	41.44	105.2	45.67	115.2	50.70	124.4	55.51	136.1	64.07
	52	64.40	31.06	75.20	34.80	96.00	44.23	105.2	48.74	115.2	54.12	119.1	55.53	119.4	55.54
60	10	17.60	1.30	28.20	2.05	40.00	2.92	42.80	3.13	45.70	3.34	48.60	3.55	51.60	3.82
	12	17.60	1.30	28.20	2.05	40.00	2.92	42.80	3.13	45.70	3.34	48.60	3.55	51.60	3.83
	14	17.60	1.28	28.20	2.05	40.00	2.92	42.80	3.13	45.70	3.34	48.60	3.58	51.60	3.83
	16	17.60	1.28	28.20	2.05	40.00	2.95	42.80	3.16	45.70	3.37	48.60	3.59	51.60	3.87
	18	17.60	1.28	28.20	2.08	40.00	2.96	42.80	3.20	45.70	3.41	48.60	3.65	51.60	3.96
	20	17.60	1.29	28.20	2.09	40.00	3.05	42.80	3.29	45.70	3.53	48.60	3.80	51.60	4.17
	21	19.90	1.49	30.40	2.33	42.20	3.42	44.80	3.71	47.70	4.01	50.50	4.32	53.40	4.88
	23	24.60	4.00	34.90	5.98	46.50	7.44	49.20	7.68	51.80	7.90	54.10	8.13	56.90	8.52
	25	30.20	6.61	39.60	7.41	51.10	8.60	53.50	8.87	56.00	9.15	58.20	9.38	60.40	9.81
	27	34.30	7.58	44.20	8.63	55.70	10.09	58.00	10.40	60.50	10.74	62.10	10.95	67.50	11.96
	29	39.30	8.97	49.00	10.23	60.40	12.00	62.70	12.35	64.90	12.73	68.80	13.42	79.70	15.70
	31	44.50	10.78	54.10	12.28	65.30	14.37	67.20	14.76	73.00	15.87	81.60	17.49	92.20	20.15
	33	49.70	12.94	59.20	14.57	70.10	16.91	77.20	18.44	86.10	20.38	94.10	22.31	104.4	25.57
	35	55.30	15.46	64.30	17.30	82.30	21.66	90.20	23.69	98.90	26.11	106.6	28.38	116.8	32.38
	37	55.30	16.42	64.30	18.41	82.30	23.08	90.20	25.28	98.90	27.87	106.6	30.29	116.8	34.56
	39	55.30	17.46	64.30	19.61	82.30	24.63	90.20	26.98	98.90	29.75	106.6	32.34	116.8	36.89
	41	55.30	18.61	64.30	20.95	82.30	26.32	90.20	28.83	98.90	31.78	106.6	34.54	116.8	39.38
	43	55.30	19.87	64.30	22.41	82.30	28.11	90.20	30.80	98.90	33.94	106.6	36.88	116.8	42.04
	46	55.30	22.03	64.30	24.82	82.30	31.07	90.20	34.01	98.90	37.46	106.6	40.68	116.8	46.33
	48	55.30	23.66	64.30	26.57	82.30	33.20	90.20	36.34	98.90	39.98	106.6	43.41	116.8	49.45
	50	55.30	25.40	64.30	28.45	82.30	35.49	90.20	38.81	98.90	42.70	106.6	46.34	116.8	52.80
	52	55.30	27.29	64.30	30.44	82.30	37.93	90.20	41.43	98.90	45.56	106.6	49.45	116.8	56.37
50	10	14.70	1.19	23.60	1.72	33.30	2.43	35.60	2.60	38.10	2.78	40.60	2.95	43.10	3.17
	12	14.70	1.19	23.60	1.72	33.30	2.43	35.60	2.60	38.10	2.78	40.60	2.96	43.10	3.17
	14	14.70	1.19	23.60	1.72	33.30	2.43	35.60	2.61	38.10	2.78	40.60	2.96	43.10	3.19
	16	14.70	1.19	23.60	1.70	33.30	2.44	35.60	2.61	38.10	2.79	40.60	2.99	43.10	3.20
	18	14.70	1.19	23.60	1.73	33.30	2.46	35.60	2.64	38.10	2.82	40.60	3.02	43.10	3.26
	20	14.70	1.20	23.60	1.73	33.30	2.50	35.60	2.68	38.10	2.88	40.60	3.09	43.10	3.36
	21	16.60	1.22	25.30	1.91	35.20	2.76	37.40	2.97	39.70	3.18	42.00	3.41	44.50	3.81
	23	20.50	2.73	29.10	4.06	38.70	6.78	41.00	6.96	43.20	7.16	45.10	7.33	47.40	7.62
	25	28.70	6.62	33.00	6.78	42.60	7.72	44.50	7.93	46.70	8.14	48.40	8.32	50.30	8.66
	27	28.90	6.98	36.80	7.76	46.40	8.90	48.30	9.15	50.30	9.40	51.80	9.57	56.30	10.36
	29	32.70	8.03	40.90	9.04	50.30	10.41	52.20	10.71	54.10	10.99	57.30	11.51	66.50	13.28
	31	37.10	9.49	45.10	10.68	54.40	12.34	56.00	12.66	60.80	13.57	67.90	14.89	76.80	16.96
	33	41.50	11.30	49.30	12.59	58.50	14.44	64.30	15.66	71.70	17.22	78.40	18.67	87.00	21.11
	35	46.10	13.33	53.70	14.78	68.50	18.31	75.20	19.87	82.30	21.66	88.90	23.34	97.30	26.29
	37	46.10	14.09	53.70	15.66	68.50	19.51	75.20	21.15	82.30	23.10	88.90	24.90	97.30	28.06
	39	46.10	14.93	53.70	16.64	68.50	20.81	75.20	22.57	82.30	24.66	88.90	26.58	97.30	29.96
	41	46.10	15.86	53.70	17.74	68.50	22.20	75.20	24.11	82.30	26.32	88.90	28.38	97.30	31.99
	43	46.10	16.88	53.70	18.93	68.50	23.73	75.20	25.76	82.30	28.12	88.90	30.32	97.30	34.16
	46	46.10	18.62	53.70	20.95	68.50	26.24	75.20	28.48	82.30	31.07	88.90	33.49	97.30	37.71
	48	46.10	19.94	53.70	22.48	68.50	28.07	75.20	30.44	82.30	33.22	88.90	35.78	97.30	40.26
	50	46.10	21.37	53.70	24.15	68.50	30.05	75.20	32.56	82.30	35.50	88.90	38.22	97.30	42.98
	52	46.10	22.94	53.70	26.00	68.50	32.14	75.20	34.82	82.30	37.93	88.90	40.83	97.30	45.88

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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29.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	117.3	55.99	116.4	56.47	115.4	56.95	115.1	57.17	114.7	57.42	113.8	57.88
	-24.8	-25	136.5	58.84	135.5	59.38	134.5	59.90	134.0	60.16	133.6	60.44	132.6	60.95
	-21.8	-22	148.4	60.48	147.4	61.06	146.5	61.61	145.9	61.89	145.5	62.16	144.3	62.70
	-19.8	-20	156.9	61.59	155.9	62.17	154.7	62.75	154.1	63.04	153.7	63.33	152.7	63.90
	-18.8	-19	161.3	62.13	160.0	62.74	159.0	63.34	158.4	63.63	157.8	63.92	156.8	64.48
	-16.7	-17	170.1	63.26	169.1	63.87	167.9	64.49	167.2	64.80	166.8	65.09	165.6	65.68
	-15	-15.9	175.7	63.90	174.4	64.54	173.2	65.17	172.6	65.47	171.9	65.78	170.9	66.37
	-13.7	-15	180.3	64.47	179.1	65.12	178.0	65.76	177.4	66.08	176.8	66.40	175.8	67.01
	-11.8	-13	189.6	65.56	188.3	66.23	187.1	66.88	186.4	67.20	185.8	67.52	184.5	68.16
	-9.8	-11	199.9	66.72	198.4	67.40	197.1	68.07	196.5	68.40	195.8	68.72	194.5	69.36
	-9.5	-10	204.7	67.25	203.4	67.94	202.1	68.63	201.4	68.96	200.6	69.31	199.2	69.95
	-8.5	-9.1	209.7	67.79	208.1	68.49	206.8	69.17	206.1	69.52	205.5	69.85	204.0	70.52
	-7	-7.6	217.9	68.67	216.5	69.40	215.0	70.11	214.3	70.44	213.4	70.79	212.1	71.46
	-5	-5.6	229.5	69.88	227.9	70.62	226.3	71.34	225.6	71.69	224.7	72.05	223.1	72.75
	-3	-3.7	240.8	71.04	239.2	71.81	237.6	72.55	236.7	72.91	236.0	73.29	228.0	71.03
	0	-0.7	259.6	72.94	257.8	73.71	256.1	74.49	250.7	72.95	245.4	71.35	229.4	66.00
	3	2.2	278.5	74.77	273.9	74.48	262.1	71.10	253.8	68.54	245.7	65.99	229.4	61.00
	5	4.1	289.5	75.28	278.4	72.41	262.1	67.47	253.8	65.07	245.7	62.67	229.4	57.96
	7	6	294.2	73.17	278.4	68.66	262.1	64.02	253.8	61.74	245.7	59.46	229.4	55.02
	9	7.9	294.8	69.41	278.4	64.94	262.1	60.56	253.8	58.41	245.7	56.29	229.4	52.10
	11	9.8	294.8	65.55	278.4	61.36	262.1	57.25	253.8	55.23	245.7	53.26	229.4	49.33
	13	11.8	294.8	61.65	278.4	57.74	262.1	53.94	253.8	52.04	245.7	50.20	229.4	46.54
	15	13.7	294.8	58.12	278.4	54.49	262.1	50.91	253.8	49.16	245.7	47.42	229.4	44.00
120	-30	-30.2	116.7	56.24	115.8	56.72	115.1	57.19	114.7	57.42	114.2	57.65	113.5	58.12
	-24.8	-25	135.8	59.18	134.9	59.70	133.9	60.24	133.4	60.50	133.0	60.75	132.0	61.26
	-21.8	-22	147.8	60.89	146.8	61.44	145.6	61.99	145.2	62.27	144.6	62.53	143.7	63.07
	-19.8	-20	156.0	62.03	155.0	62.61	154.0	63.18	153.4	63.47	152.8	63.73	151.8	64.30
	-18.8	-19	160.4	62.60	159.3	63.18	158.1	63.78	157.5	64.07	157.1	64.34	155.9	64.91
	-16.7	-17	169.2	63.76	168.2	64.37	166.9	64.98	166.3	65.27	165.9	65.56	164.7	66.14
	-15	-15.9	174.5	64.43	173.5	65.06	172.2	65.68	171.6	65.97	171.0	66.28	170.0	66.87
	-13.7	-15	179.3	65.04	178.1	65.68	177.1	66.30	176.5	66.62	175.8	66.91	174.8	67.52
	-11.8	-13	188.6	66.16	187.3	66.83	186.0	67.47	185.4	67.77	184.8	68.09	183.5	68.70
	-9.8	-11	198.7	67.38	197.1	68.05	195.8	68.70	195.2	69.02	194.5	69.34	193.3	69.98
	-9.5	-10	203.4	67.94	202.1	68.62	200.6	69.29	199.9	69.62	199.3	69.94	198.0	70.58
	-8.5	-9.1	208.2	68.51	206.8	69.19	205.3	69.86	204.6	70.19	204.0	70.53	202.7	71.18
	-7	-7.6	216.3	69.44	215.0	70.13	213.4	70.83	212.7	71.16	212.1	71.51	208.1	71.01
	-5	-5.6	227.6	70.70	226.0	71.44	224.5	72.15	223.8	72.48	222.3	72.45	211.6	68.84
	-3	-3.7	238.9	71.95	237.3	72.69	235.7	73.41	231.2	72.10	226.3	70.51	211.6	65.38
	0	-0.7	257.2	73.95	252.9	73.56	241.9	70.21	234.3	67.67	226.8	65.18	211.6	60.27
	3	2.2	269.7	73.30	257.0	69.53	241.9	64.84	234.3	62.53	226.8	60.25	211.6	55.76
	5	4.1	272.0	70.50	257.0	65.99	241.9	61.58	234.3	59.40	226.8	57.25	211.6	53.03
	7	6	272.0	66.87	257.0	62.61	241.9	58.43	234.3	56.38	226.8	54.35	211.6	50.35
	9	7.9	272.0	63.25	257.0	59.24	241.9	55.32	234.3	53.39	226.8	51.48	211.6	47.71
	11	9.8	272.0	59.76	257.0	56.01	241.9	52.33	234.3	50.52	226.8	48.74	211.6	45.21
	13	11.8	272.0	56.28	257.0	52.78	241.9	49.35	234.3	47.65	226.8	45.99	211.6	42.68

29. ARUM640LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	272.0	53.10	257.0	49.84	241.9	46.63	234.3	45.05	226.8	43.48	211.6	40.40
110	-30	-30.2	116.1	56.55	115.4	57.03	114.5	57.48	114.2	57.73	113.8	57.95	112.9	58.40
	-24.8	-25	135.2	59.59	134.2	60.10	133.3	60.62	132.7	60.87	132.3	61.13	131.4	61.61
	-21.8	-22	146.9	61.35	145.9	61.90	144.9	62.45	144.3	62.71	143.9	62.97	143.0	63.51
	-19.8	-20	155.1	62.53	154.1	63.11	153.1	63.66	152.5	63.94	152.1	64.23	150.9	64.75
	-18.8	-19	159.4	63.13	158.2	63.71	157.2	64.28	156.6	64.57	156.2	64.84	155.2	65.40
	-16.7	-17	168.2	64.35	167.0	64.94	165.9	65.54	165.3	65.83	164.7	66.12	163.7	66.67
	-15	-15.9	173.3	65.05	172.3	65.66	171.0	66.27	170.4	66.56	170.0	66.85	168.8	67.43
	-13.7	-15	178.1	65.68	176.9	66.31	175.9	66.93	175.2	67.24	174.6	67.53	173.6	68.12
	-11.8	-13	187.1	66.87	185.8	67.52	184.6	68.13	183.9	68.45	183.5	68.74	182.2	69.35
	-9.8	-11	197.1	68.13	195.6	68.80	194.3	69.45	193.7	69.74	193.0	70.06	190.3	69.93
	-9.5	-10	201.8	68.73	200.5	69.40	199.0	70.05	198.4	70.37	197.7	70.69	192.0	69.08
	-8.5	-9.1	206.5	69.33	205.0	70.00	203.7	70.65	203.0	70.99	202.4	71.29	193.7	68.27
	-7	-7.6	214.5	70.33	213.1	71.00	211.6	71.68	210.3	71.72	205.8	70.13	194.0	65.76
	-5	-5.6	225.5	71.67	224.1	72.38	218.9	71.30	214.2	69.79	208.0	67.44	194.0	62.36
	-3	-3.7	236.7	72.99	232.1	72.36	221.7	68.95	214.8	66.49	208.0	64.04	194.0	59.26
	0	-0.7	248.0	72.07	235.5	68.11	221.7	63.54	214.8	61.30	208.0	59.06	194.0	54.69
	3	2.2	249.5	67.17	235.5	62.91	221.7	58.75	214.8	56.69	208.0	54.66	194.0	50.67
	5	4.1	249.5	63.76	235.5	59.76	221.7	55.83	214.8	53.90	208.0	51.98	194.0	48.22
	7	6	249.5	60.52	235.5	56.73	221.7	53.00	214.8	51.16	208.0	49.35	194.0	45.79
	9	7.9	249.5	57.28	235.5	53.71	221.7	50.22	214.8	48.49	208.0	46.80	194.0	43.43
	11	9.8	249.5	54.17	235.5	50.84	221.7	47.55	214.8	45.93	208.0	44.34	194.0	41.19
	13	11.8	249.5	51.04	235.5	47.93	221.7	44.88	214.8	43.36	208.0	41.87	194.0	38.93
	15	13.7	249.5	48.22	235.5	45.31	221.7	42.45	214.8	41.02	208.0	39.62	194.0	36.87
100	-30	-30.2	115.5	56.92	114.8	57.37	113.9	57.85	113.5	58.07	113.2	58.29	112.3	58.74
	-24.8	-25	134.3	60.06	133.3	60.57	132.4	61.08	132.0	61.31	131.5	61.57	130.7	62.05
	-21.8	-22	145.9	61.89	144.9	62.44	144.0	62.96	143.4	63.23	143.0	63.49	142.1	64.01
	-19.8	-20	154.1	63.13	152.9	63.70	151.9	64.24	151.5	64.51	150.9	64.79	149.9	65.31
	-18.8	-19	158.2	63.76	157.2	64.33	156.0	64.88	155.6	65.17	155.0	65.43	154.0	65.97
	-16.7	-17	166.9	65.04	165.7	65.62	164.7	66.20	164.1	66.49	163.5	66.75	162.5	67.30
	-15	-15.9	172.0	65.78	170.8	66.38	169.7	66.96	169.1	67.25	168.5	67.54	167.5	68.09
	-13.7	-15	176.6	66.45	175.6	67.07	174.6	67.67	174.0	67.96	173.4	68.26	172.4	68.83
	-11.8	-13	185.5	67.69	184.3	68.31	183.0	68.92	182.4	69.23	181.9	69.52	175.3	67.24
	-9.8	-11	195.2	69.04	194.0	69.68	192.7	70.30	191.2	70.23	187.2	68.69	176.3	64.42
	-9.5	-10	199.9	69.67	198.4	70.31	197.1	70.91	192.9	69.37	188.9	67.87	176.3	62.89
	-8.5	-9.1	204.4	70.30	203.1	70.95	198.8	70.05	194.5	68.56	189.1	66.39	176.3	61.43
	-7	-7.6	212.3	71.36	209.9	71.55	201.6	68.69	195.2	66.24	189.1	63.84	176.3	59.08
	-5	-5.6	222.4	72.40	213.8	69.65	201.6	65.11	195.2	62.83	189.1	60.54	176.3	56.07
	-3	-3.7	226.3	70.51	214.1	66.27	201.6	61.86	195.2	59.68	189.1	57.53	176.3	53.32
	0	-0.7	226.8	65.18	214.1	61.08	201.6	57.07	195.2	55.08	189.1	53.14	176.3	49.27
	3	2.2	226.8	60.25	214.1	56.50	201.6	52.83	195.2	51.03	189.1	49.22	176.3	45.69
	5	4.1	226.8	57.25	214.1	53.72	201.6	50.26	195.2	48.55	189.1	46.86	176.3	43.52
	7	6	226.8	54.35	214.1	51.00	201.6	47.73	195.2	46.11	189.1	44.52	176.3	41.35
	9	7.9	226.8	51.48	214.1	48.35	201.6	45.27	195.2	43.75	189.1	42.23	176.3	39.26
	11	9.8	226.8	48.74	214.1	45.80	201.6	42.91	195.2	41.48	189.1	40.07	176.3	37.27
	13	11.8	226.8	45.99	214.1	43.23	201.6	40.53	195.2	39.19	189.1	37.86	176.3	35.27
	15	13.7	226.8	43.49	214.1	40.89	201.6	38.37	195.2	37.11	189.1	35.87	176.3	33.43

29. ARUM640LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	114.8	57.36	113.9	57.81	113.2	58.26	112.9	58.48	112.3	58.70	111.7	59.13
	-24.8	-25	133.3	60.62	132.4	61.13	131.4	61.62	131.1	61.87	130.5	62.10	129.6	62.58
	-21.8	-22	144.7	62.55	143.7	63.07	142.8	63.60	142.2	63.86	141.8	64.09	140.9	64.60
	-19.8	-20	152.6	63.85	151.6	64.39	150.6	64.93	150.2	65.19	149.7	65.45	148.7	65.96
	-18.8	-19	156.9	64.51	155.7	65.08	154.7	65.60	154.1	65.88	153.7	66.14	152.7	66.66
	-16.7	-17	165.4	65.86	164.2	66.43	163.1	66.99	162.5	67.27	161.9	67.53	157.2	65.87
	-15	-15.9	170.4	66.65	169.2	67.23	168.2	67.80	167.6	68.07	166.4	68.05	158.7	64.85
	-13.7	-15	175.0	67.37	174.0	67.97	172.8	68.55	172.0	68.68	168.2	67.15	158.7	63.01
	-11.8	-13	183.6	68.67	182.4	69.27	178.7	68.52	174.9	67.09	170.0	65.07	158.7	60.24
	-9.8	-11	193.1	70.11	189.6	69.60	181.4	66.50	175.7	64.16	170.0	61.84	158.7	57.29
	-9.5	-10	197.5	70.77	191.2	68.77	181.4	64.91	175.7	62.64	170.0	60.37	158.7	55.95
	-8.5	-9.1	200.5	70.61	192.7	67.89	181.4	63.41	175.7	61.18	170.0	59.00	158.7	54.67
	-7	-7.6	203.3	69.26	192.7	65.28	181.4	60.97	175.7	58.85	170.0	56.76	158.7	52.61
	-5	-5.6	204.1	66.04	192.7	61.91	181.4	57.84	175.7	55.85	170.0	53.88	158.7	49.96
	-3	-3.7	204.1	62.73	192.7	58.84	181.4	54.99	175.7	53.10	170.0	51.23	158.7	47.54
	0	-0.7	204.1	57.87	192.7	54.30	181.4	50.81	175.7	49.08	170.0	47.37	158.7	44.00
	3	2.2	204.1	53.57	192.7	50.31	181.4	47.11	175.7	45.53	170.0	43.97	158.7	40.88
	5	4.1	204.1	50.94	192.7	47.87	181.4	44.85	175.7	43.36	170.0	41.89	158.7	38.96
	7	6	204.1	48.38	192.7	45.47	181.4	42.61	175.7	41.21	170.0	39.81	158.7	37.04
	9	7.9	204.1	45.87	192.7	43.14	181.4	40.46	175.7	39.13	170.0	37.80	158.7	35.21
	11	9.8	204.1	43.49	192.7	40.92	181.4	38.38	175.7	37.14	170.0	35.90	158.7	33.44
	13	11.8	204.1	41.06	192.7	38.67	181.4	36.29	175.7	35.14	170.0	33.96	158.7	31.69
	15	13.7	204.1	38.87	192.7	36.62	181.4	34.39	175.7	33.30	170.0	32.22	158.7	30.08
80	-30	-30.2	113.9	57.89	113.0	58.33	112.3	58.78	112.0	58.98	111.6	59.20	110.8	59.62
	-24.8	-25	132.1	61.31	131.1	61.81	130.2	62.29	129.8	62.52	129.3	62.75	128.6	63.23
	-21.8	-22	143.1	63.36	142.2	63.87	141.2	64.36	140.9	64.61	140.3	64.86	138.4	64.62
	-19.8	-20	151.0	64.72	150.0	65.26	149.1	65.78	148.5	66.03	147.7	66.09	141.1	63.12
	-18.8	-19	155.1	65.44	154.1	65.96	153.1	66.50	152.5	66.75	149.1	65.31	141.1	61.59
	-16.7	-17	163.3	66.86	162.3	67.41	158.9	66.55	155.5	65.17	151.1	63.24	141.1	58.61
	-15	-15.9	168.3	67.71	167.3	68.26	160.6	65.64	156.2	63.70	151.1	61.43	141.1	56.93
	-13.7	-15	172.9	68.49	169.0	67.47	161.3	64.14	156.2	61.87	151.1	59.63	141.1	55.24
	-11.8	-13	178.7	68.50	171.3	65.62	161.3	61.31	156.2	59.18	151.1	57.07	141.1	52.87
	-9.8	-11	181.4	66.50	171.3	62.35	161.3	58.31	156.2	56.29	151.1	54.30	141.1	50.40
	-9.5	-10	181.4	64.91	171.3	60.88	161.3	56.93	156.2	54.98	151.1	53.05	141.1	49.24
	-8.5	-9.1	181.4	63.41	171.3	59.48	161.3	55.63	156.2	53.73	151.1	51.83	141.1	48.12
	-7	-7.6	181.4	60.97	171.3	57.21	161.3	53.52	156.2	51.71	151.1	49.90	141.1	46.33
	-5	-5.6	181.4	57.84	171.3	54.31	161.3	50.83	156.2	49.11	151.1	47.40	141.1	44.04
	-3	-3.7	181.4	54.99	171.3	51.65	161.3	48.35	156.2	46.74	151.1	45.14	141.1	41.96
	0	-0.7	181.4	50.81	171.3	47.75	161.3	44.74	156.2	43.27	151.1	41.79	141.1	38.89
	3	2.2	181.4	47.11	171.3	44.30	161.3	41.56	156.2	40.20	151.1	38.83	141.1	36.18
	5	4.1	181.4	44.85	171.3	42.21	161.3	39.61	156.2	38.31	151.1	37.03	141.1	34.51
	7	6	181.4	42.61	171.3	40.11	161.3	37.65	156.2	36.44	151.1	35.23	141.1	32.84
	9	7.9	181.4	40.46	171.3	38.09	161.3	35.79	156.2	34.64	151.1	33.50	141.1	31.26
	11	9.8	181.4	38.38	171.3	36.16	161.3	33.99	156.2	32.91	151.1	31.83	141.1	29.72
	13	11.8	181.4	36.29	171.3	34.23	161.3	32.19	156.2	31.17	151.1	30.18	141.1	28.20
	15	13.7	181.4	34.39	171.3	32.45	161.3	30.54	156.2	29.59	151.1	28.66	141.1	26.78
70	-30	-30.2	112.7	58.57	112.0	58.99	111.1	59.41	110.8	59.63	110.4	59.85	109.8	60.25

29. ARUM640LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	130.3	62.18	129.6	62.66	128.7	63.11	128.3	63.34	128.0	63.56	122.9	61.23
	-21.8	-22	141.3	64.35	140.3	64.84	138.4	64.60	135.4	63.25	132.2	61.76	123.5	57.30
	-19.8	-20	149.1	65.81	147.1	65.70	141.1	63.12	136.7	60.95	132.2	58.81	123.5	54.57
	-18.8	-19	152.9	66.57	148.5	64.92	141.1	61.59	136.7	59.48	132.2	57.40	123.5	53.26
	-16.7	-17	157.2	65.85	150.0	62.64	141.1	58.61	136.7	56.62	132.2	54.63	123.5	50.73
	-15	-15.9	158.7	64.85	150.0	60.86	141.1	56.93	136.7	54.97	132.2	53.02	123.5	49.19
	-13.7	-15	158.7	63.01	150.0	59.09	141.1	55.24	136.7	53.34	132.2	51.45	123.5	47.74
	-11.8	-13	158.7	60.24	150.0	56.53	141.1	52.87	136.7	51.04	132.2	49.26	123.5	45.72
	-9.8	-11	158.7	57.29	150.0	53.81	141.1	50.40	136.7	48.70	132.2	47.03	123.5	43.68
	-9.5	-10	158.7	55.95	150.0	52.57	141.1	49.24	136.7	47.59	132.2	45.95	123.5	42.74
	-8.5	-9.1	158.7	54.67	150.0	51.38	141.1	48.12	136.7	46.51	132.2	44.92	123.5	41.78
	-7	-7.6	158.7	52.61	150.0	49.45	141.1	46.33	136.7	44.80	132.2	43.28	123.5	40.26
	-5	-5.6	158.7	49.96	150.0	46.98	141.1	44.06	136.7	42.60	132.2	41.17	123.5	38.31
	-3	-3.7	158.7	47.54	150.0	44.73	141.1	41.96	136.7	40.59	132.2	39.23	123.5	36.53
	0	-0.7	158.7	44.00	150.0	41.43	141.1	38.89	136.7	37.64	132.2	36.40	123.5	33.92
	3	2.2	158.7	40.88	150.0	38.51	141.1	36.18	136.7	35.03	132.2	33.89	123.5	31.62
	5	4.1	158.7	38.96	150.0	36.71	141.1	34.51	136.7	33.40	132.2	32.32	123.5	30.18
	7	6	158.7	37.04	150.0	34.94	141.1	32.84	136.7	31.82	132.2	30.78	123.5	28.76
	9	7.9	158.7	35.21	150.0	33.21	141.1	31.26	136.7	30.28	132.2	29.32	123.5	27.41
	11	9.8	158.7	33.44	150.0	31.57	141.1	29.72	136.7	28.82	132.2	27.90	123.5	26.11
	13	11.8	158.7	31.69	150.0	29.92	141.1	28.20	136.7	27.34	132.2	26.48	123.5	24.79
	15	13.7	158.7	30.08	150.0	28.43	141.1	26.78	136.7	25.98	132.2	25.19	123.5	23.59
60	-30	-30.2	111.1	59.44	110.5	59.86	109.8	60.26	109.3	60.47	108.9	60.67	105.1	58.68
	-24.8	-25	128.4	63.30	126.3	62.83	121.0	60.28	117.1	58.26	113.3	56.24	105.9	52.24
	-21.8	-22	135.0	63.05	128.6	59.84	121.0	56.05	117.1	54.16	113.3	52.30	105.9	48.60
	-19.8	-20	136.0	60.65	128.6	57.00	121.0	53.38	117.1	51.61	113.3	49.84	105.9	46.33
	-18.8	-19	136.0	59.19	128.6	55.61	121.0	52.11	117.1	50.37	113.3	48.65	105.9	45.24
	-16.7	-17	136.0	56.33	128.6	52.96	121.0	49.62	117.1	47.97	113.3	46.35	105.9	43.12
	-15	-15.9	136.0	54.69	128.6	51.38	121.0	48.12	117.1	46.51	113.3	44.92	105.9	41.75
	-13.7	-15	136.0	53.08	128.6	49.87	121.0	46.71	117.1	45.15	113.3	43.60	105.9	40.55
	-11.8	-13	136.0	50.79	128.6	47.72	121.0	44.71	117.1	43.22	113.3	41.76	105.9	38.84
	-9.8	-11	136.0	48.46	128.6	45.59	121.0	42.72	117.1	41.29	113.3	39.89	105.9	37.12
	-9.5	-10	136.0	47.34	128.6	44.56	121.0	41.83	117.1	40.46	113.3	39.11	105.9	36.45
	-8.5	-9.1	136.0	46.28	128.6	43.56	121.0	40.90	117.1	39.57	113.3	38.26	105.9	35.65
	-7	-7.6	136.0	44.58	128.6	41.98	121.0	39.41	117.1	38.14	113.3	36.89	105.9	34.38
	-5	-5.6	136.0	42.38	128.6	39.94	121.0	37.52	117.1	36.32	113.3	35.13	105.9	32.78
	-3	-3.7	136.0	40.40	128.6	38.06	121.0	35.77	117.1	34.65	113.3	33.51	105.9	31.28
	0	-0.7	136.0	37.45	128.6	35.33	121.0	33.23	117.1	32.18	113.3	31.16	105.9	29.11
	3	2.2	136.0	34.87	128.6	32.91	121.0	30.97	117.1	30.02	113.3	29.08	105.9	27.20
	5	4.1	136.0	33.26	128.6	31.40	121.0	29.58	117.1	28.66	113.3	27.76	105.9	25.98
	7	6	136.0	31.66	128.6	29.92	121.0	28.19	117.1	27.34	113.3	26.48	105.9	24.79
	9	7.9	136.0	30.15	128.6	28.50	121.0	26.87	117.1	26.05	113.3	25.25	105.9	23.66
	11	9.8	136.0	28.69	128.6	27.14	121.0	25.59	117.1	24.83	113.3	24.09	105.9	22.59
	13	11.8	136.0	27.21	128.6	25.75	121.0	24.32	117.1	23.60	113.3	22.89	105.9	21.49
	15	13.7	136.0	25.88	128.6	24.49	121.0	23.15	117.1	22.49	113.3	21.82	105.9	20.49
50	-30	-30.2	109.0	60.61	106.0	59.12	100.8	56.24	97.60	54.38	94.40	52.52	88.30	48.86
	-24.8	-25	113.3	56.24	107.2	52.91	100.8	49.63	97.60	47.99	94.40	46.38	88.30	43.18

29. ARUM640LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	113.3	52.30	107.2	49.22	100.8	46.18	97.60	44.69	94.40	43.20	88.30	40.25
	-19.8	-20	113.3	49.84	107.2	46.91	100.8	44.03	97.60	42.61	94.40	41.21	88.30	38.39
	-18.8	-19	113.3	48.66	107.2	45.81	100.8	43.00	97.60	41.61	94.40	40.24	88.30	37.51
	-16.7	-17	113.3	46.35	107.2	43.66	100.8	41.00	97.60	39.68	94.40	38.37	88.30	35.79
	-15	-15.9	113.3	44.92	107.2	42.27	100.8	39.70	97.60	38.40	94.40	37.13	88.30	34.62
	-13.7	-15	113.3	43.60	107.2	41.04	100.8	38.54	97.60	37.30	94.40	36.06	88.30	33.62
	-11.8	-13	113.3	41.76	107.2	39.32	100.8	36.92	97.60	35.74	94.40	34.56	88.30	32.24
	-9.8	-11	113.3	39.89	107.2	37.58	100.8	35.30	97.60	34.18	94.40	33.04	88.30	30.84
	-9.5	-10	113.3	39.11	107.2	36.89	100.8	34.69	97.60	33.61	94.40	32.53	88.30	30.39
	-8.5	-9.1	113.3	38.26	107.2	36.10	100.8	33.95	97.60	32.89	94.40	31.84	88.30	29.74
	-7	-7.6	113.3	36.89	107.2	34.80	100.8	32.74	97.60	31.73	94.40	30.73	88.30	28.73
	-5	-5.6	113.3	35.13	107.2	33.17	100.8	31.21	97.60	30.25	94.40	29.30	88.30	27.41
	-3	-3.7	113.3	33.51	107.2	31.67	100.8	29.83	97.60	28.91	94.40	28.01	88.30	26.22
	0	-0.7	113.3	31.16	107.2	29.45	100.8	27.76	97.60	26.93	94.40	26.10	88.30	24.45
	3	2.2	113.3	29.08	107.2	27.50	100.8	25.95	97.60	25.19	94.40	24.42	88.30	22.91
	5	4.1	113.3	27.76	107.2	26.28	100.8	24.81	97.60	24.08	94.40	23.35	88.30	21.92
	7	6	113.3	26.48	107.2	25.08	100.8	23.69	97.60	22.99	94.40	22.32	88.30	20.96
	9	7.9	113.3	25.25	107.2	23.93	100.8	22.62	97.60	21.96	94.40	21.32	88.30	20.05
	11	9.8	113.3	24.09	107.2	22.83	100.8	21.59	97.60	20.99	94.40	20.38	88.30	19.17
	13	11.8	113.3	22.89	107.2	21.72	100.8	20.56	97.60	19.98	94.40	19.41	88.30	18.27
	15	13.7	113.3	21.82	107.2	20.71	100.8	19.61	97.60	19.08	94.40	18.54	88.30	17.46

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

29. ARUM640LTE6

29.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	117.3	55.99	116.4	56.47	115.4	56.95	115.1	57.17	114.7	57.42	113.8	57.88
	-24.8	-25	136.5	58.84	135.5	59.38	134.5	59.90	134.0	60.16	133.6	60.44	132.6	60.95
	-21.8	-22	148.4	60.48	147.4	61.06	146.5	61.61	145.9	61.89	145.5	62.16	144.3	62.70
	-19.8	-20	156.9	61.59	155.9	62.17	154.7	62.75	154.1	63.04	153.7	63.33	152.7	63.90
	-18.8	-19	161.3	62.13	160.0	62.74	159.0	63.34	158.4	63.63	157.8	63.92	156.8	64.48
	-16.7	-17	170.1	63.26	169.1	63.87	167.9	64.49	167.2	64.80	166.8	65.09	165.6	65.68
	-15	-15.9	175.7	63.90	174.4	64.54	173.2	65.17	172.6	65.47	171.9	65.78	170.9	66.37
	-13.7	-15	180.3	64.47	179.1	65.12	178.0	65.76	177.4	66.08	176.8	66.40	175.8	67.01
	-11.8	-13	189.6	65.56	188.3	66.23	187.1	66.88	186.4	67.20	185.8	67.52	184.5	68.16
	-9.8	-11	199.9	66.72	198.4	67.40	197.1	68.07	196.5	68.40	195.8	68.72	194.5	69.36
	-9.5	-10	204.7	67.25	203.4	67.94	202.1	68.63	201.4	68.96	200.6	69.31	199.2	69.95
	-8.5	-9.1	209.7	67.79	208.1	68.49	206.8	69.17	206.1	69.52	205.5	69.85	204.0	70.52
	-7	-7.6	217.9	68.67	216.5	69.40	215.0	70.11	214.3	70.44	213.4	70.79	212.1	71.46
	-5	-5.6	229.5	69.88	227.9	70.62	226.3	71.34	225.6	71.69	224.7	72.05	223.1	72.75
	-3	-3.7	240.8	71.04	239.2	71.81	237.6	72.55	236.7	72.91	236.0	73.29	228.0	71.03
	0	-0.7	259.6	72.94	257.8	73.71	256.1	74.49	250.7	72.95	245.4	71.35	229.4	66.00
	3	2.2	278.5	74.77	273.9	74.48	262.1	71.10	253.8	68.54	245.7	65.99	229.4	61.00
	5	4.1	279.0	71.03	262.4	66.16	246.0	61.39	237.7	59.05	229.4	56.73	212.8	52.17
	7	6	262.8	61.35	246.1	56.89	229.4	52.55	221.1	50.40	212.5	48.29	195.8	44.12
	9	7.9	246.1	52.39	229.2	48.39	212.2	44.45	203.8	42.53	195.2	40.62	178.2	36.85
	11	9.8	228.8	44.29	211.8	40.72	194.6	37.20	186.0	35.48	177.3	33.75	160.0	30.37
	13	11.8	210.9	36.92	193.6	33.75	176.3	30.64	167.7	29.10	159.0	27.58	141.2	24.58
	15	13.7	192.3	30.47	175.0	27.68	157.4	24.92	148.5	23.56	139.8	22.23	121.9	19.57
120	-30	-30.2	116.7	56.24	115.8	56.72	115.1	57.19	114.7	57.42	114.2	57.65	113.5	58.12
	-24.8	-25	135.8	59.18	134.9	59.70	133.9	60.24	133.4	60.50	133.0	60.75	132.0	61.26
	-21.8	-22	147.8	60.89	146.8	61.44	145.6	61.99	145.2	62.27	144.6	62.53	143.7	63.07
	-19.8	-20	156.0	62.03	155.0	62.61	154.0	63.18	153.4	63.47	152.8	63.73	151.8	64.30
	-18.8	-19	160.4	62.60	159.3	63.18	158.1	63.78	157.5	64.07	157.1	64.34	155.9	64.91
	-16.7	-17	169.2	63.76	168.2	64.37	166.9	64.98	166.3	65.27	165.9	65.56	164.7	66.14
	-15	-15.9	174.5	64.43	173.5	65.06	172.2	65.68	171.6	65.97	171.0	66.28	170.0	66.87
	-13.7	-15	179.3	65.04	178.1	65.68	177.1	66.30	176.5	66.62	175.8	66.91	174.8	67.52
	-11.8	-13	188.6	66.16	187.3	66.83	186.0	67.47	185.4	67.77	184.8	68.09	183.5	68.70
	-9.8	-11	198.7	67.38	197.1	68.05	195.8	68.70	195.2	69.02	194.5	69.34	193.3	69.98
	-9.5	-10	203.4	67.94	202.1	68.62	200.6	69.29	199.9	69.62	199.3	69.94	198.0	70.58
	-8.5	-9.1	208.2	68.51	206.8	69.19	205.3	69.86	204.6	70.19	204.0	70.53	202.7	71.18
	-7	-7.6	216.3	69.44	215.0	70.13	213.4	70.83	212.7	71.16	212.1	71.51	208.1	71.01
	-5	-5.6	227.6	70.70	226.0	71.44	224.5	72.15	223.8	72.48	222.3	72.45	211.6	68.84
	-3	-3.7	238.9	71.95	237.3	72.69	235.7	73.41	231.2	72.10	226.3	70.51	211.6	65.38
	0	-0.7	257.2	73.95	252.9	73.56	241.9	70.21	234.3	67.67	226.8	65.18	211.6	60.27
	3	2.2	269.7	73.30	257.0	69.53	241.9	64.84	234.3	62.53	226.8	60.25	211.6	55.76
	5	4.1	257.6	64.72	242.3	60.36	227.1	56.07	219.5	53.97	211.8	51.88	196.5	47.78
	7	6	242.6	55.96	227.2	51.97	211.8	48.07	204.1	46.13	196.2	44.25	180.8	40.48
	9	7.9	227.2	47.88	211.5	44.29	195.9	40.76	188.2	39.03	180.2	37.30	164.5	33.90
	11	9.8	211.2	40.59	195.5	37.37	179.6	34.20	171.8	32.64	163.8	31.09	147.8	28.03
	13	11.8	194.6	33.92	178.8	31.06	162.8	28.24	154.8	26.86	146.6	25.48	130.3	22.76

29. ARUM640LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	177.6	28.08	161.5	25.55	145.3	23.06	137.2	21.84	129.0	20.63	112.4	18.21
110	-30	-30.2	116.1	56.55	115.4	57.03	114.5	57.48	114.2	57.73	113.8	57.95	112.9	58.40
	-24.8	-25	135.2	59.59	134.2	60.10	133.3	60.62	132.7	60.87	132.3	61.13	131.4	61.61
	-21.8	-22	146.9	61.35	145.9	61.90	144.9	62.45	144.3	62.71	143.9	62.97	143.0	63.51
	-19.8	-20	155.1	62.53	154.1	63.11	153.1	63.66	152.5	63.94	152.1	64.23	150.9	64.75
	-18.8	-19	159.4	63.13	158.2	63.71	157.2	64.28	156.6	64.57	156.2	64.84	155.2	65.40
	-16.7	-17	168.2	64.35	167.0	64.94	165.9	65.54	165.3	65.83	164.7	66.12	163.7	66.67
	-15	-15.9	173.3	65.05	172.3	65.66	171.0	66.27	170.4	66.56	170.0	66.85	168.8	67.43
	-13.7	-15	178.1	65.68	176.9	66.31	175.9	66.93	175.2	67.24	174.6	67.53	173.6	68.12
	-11.8	-13	187.1	66.87	185.8	67.52	184.6	68.13	183.9	68.45	183.5	68.74	182.2	69.35
	-9.8	-11	197.1	68.13	195.6	68.80	194.3	69.45	193.7	69.74	193.0	70.06	190.3	69.93
	-9.5	-10	201.8	68.73	200.5	69.40	199.0	70.05	198.4	70.37	197.7	70.69	192.0	69.08
	-8.5	-9.1	206.5	69.33	205.0	70.00	203.7	70.65	203.0	70.99	202.4	71.29	193.7	68.27
	-7	-7.6	214.5	70.33	213.1	71.00	211.6	71.68	210.3	71.72	205.8	70.13	194.0	65.76
	-5	-5.6	225.5	71.67	224.1	72.38	218.9	71.30	214.2	69.79	208.0	67.44	194.0	62.36
	-3	-3.7	236.7	72.99	232.1	72.36	221.7	68.95	214.8	66.49	208.0	64.04	194.0	59.26
	0	-0.7	248.0	72.07	235.5	68.11	221.7	63.54	214.8	61.30	208.0	59.06	194.0	54.69
	3	2.2	249.5	67.17	235.5	62.91	221.7	58.75	214.8	56.69	208.0	54.66	194.0	50.67
	5	4.1	236.1	58.60	222.1	54.72	208.1	50.91	201.2	49.04	194.2	47.17	180.1	43.50
	7	6	222.4	50.75	208.3	47.20	194.2	43.71	186.9	42.01	179.9	40.29	165.7	36.94
	9	7.9	208.3	43.51	193.9	40.30	179.6	37.17	172.5	35.61	165.2	34.07	150.7	31.02
	11	9.8	193.6	36.98	179.2	34.10	164.8	31.26	157.4	29.87	150.1	28.49	135.4	25.73
	13	11.8	178.3	31.00	163.8	28.44	149.2	25.93	141.8	24.67	134.4	23.45	119.6	20.99
	15	13.7	162.6	25.74	147.9	23.49	133.1	21.24	125.7	20.14	118.1	19.04	103.0	16.89
100	-30	-30.2	115.5	56.92	114.8	57.37	113.9	57.85	113.5	58.07	113.2	58.29	112.3	58.74
	-24.8	-25	134.3	60.06	133.3	60.57	132.4	61.08	132.0	61.31	131.5	61.57	130.7	62.05
	-21.8	-22	145.9	61.89	144.9	62.44	144.0	62.96	143.4	63.23	143.0	63.49	142.1	64.01
	-19.8	-20	154.1	63.13	152.9	63.70	151.9	64.24	151.5	64.51	150.9	64.79	149.9	65.31
	-18.8	-19	158.2	63.76	157.2	64.33	156.0	64.88	155.6	65.17	155.0	65.43	154.0	65.97
	-16.7	-17	166.9	65.04	165.7	65.62	164.7	66.20	164.1	66.49	163.5	66.75	162.5	67.30
	-15	-15.9	172.0	65.78	170.8	66.38	169.7	66.96	169.1	67.25	168.5	67.54	167.5	68.09
	-13.7	-15	176.6	66.45	175.6	67.07	174.6	67.67	174.0	67.96	173.4	68.26	172.4	68.83
	-11.8	-13	185.5	67.69	184.3	68.31	183.0	68.92	182.4	69.23	181.9	69.52	175.3	67.24
	-9.8	-11	195.2	69.04	194.0	69.68	192.7	70.30	191.2	70.23	187.2	68.69	176.3	64.42
	-9.5	-10	199.9	69.67	198.4	70.31	197.1	70.91	192.9	69.37	188.9	67.87	176.3	62.89
	-8.5	-9.1	204.4	70.30	203.1	70.95	198.8	70.05	194.5	68.56	189.1	66.39	176.3	61.43
	-7	-7.6	212.3	71.36	209.9	71.55	201.6	68.69	195.2	66.24	189.1	63.84	176.3	59.08
	-5	-5.6	222.4	72.40	213.8	69.65	201.6	65.11	195.2	62.83	189.1	60.54	176.3	56.07
	-3	-3.7	226.3	70.51	214.1	66.27	201.6	61.86	195.2	59.68	189.1	57.53	176.3	53.32
	0	-0.7	226.8	65.18	214.1	61.08	201.6	57.07	195.2	55.08	189.1	53.14	176.3	49.27
	3	2.2	226.8	60.25	214.1	56.50	201.6	52.83	195.2	51.03	189.1	49.22	176.3	45.69
	5	4.1	214.7	52.68	201.9	49.26	189.2	45.90	182.8	44.24	176.4	42.59	163.6	39.33
	7	6	202.2	45.68	189.4	42.56	176.4	39.48	170.0	37.97	163.5	36.45	150.7	33.47
	9	7.9	189.4	39.28	176.3	36.45	163.2	33.65	156.8	32.27	150.1	30.92	137.0	28.22
	11	9.8	176.0	33.46	162.9	30.93	149.7	28.40	143.1	27.17	136.4	25.93	123.2	23.50
	13	11.8	162.2	28.14	149.1	25.87	135.7	23.64	129.0	22.52	122.2	21.43	108.7	19.25
	15	13.7	147.9	23.46	134.5	21.44	121.0	19.47	114.3	18.49	107.5	17.50	93.70	15.58

29. ARUM640LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	114.8	57.36	113.9	57.81	113.2	58.26	112.9	58.48	112.3	58.70	111.7	59.13
	-24.8	-25	133.3	60.62	132.4	61.13	131.4	61.62	131.1	61.87	130.5	62.10	129.6	62.58
	-21.8	-22	144.7	62.55	143.7	63.07	142.8	63.60	142.2	63.86	141.8	64.09	140.9	64.60
	-19.8	-20	152.6	63.85	151.6	64.39	150.6	64.93	150.2	65.19	149.7	65.45	148.7	65.96
	-18.8	-19	156.9	64.51	155.7	65.08	154.7	65.60	154.1	65.88	153.7	66.14	152.7	66.66
	-16.7	-17	165.4	65.86	164.2	66.43	163.1	66.99	162.5	67.27	161.9	67.53	157.2	65.87
	-15	-15.9	170.4	66.65	169.2	67.23	168.2	67.80	167.6	68.07	166.4	68.05	158.7	64.85
	-13.7	-15	175.0	67.37	174.0	67.97	172.8	68.55	172.0	68.68	168.2	67.15	158.7	63.01
	-11.8	-13	183.6	68.67	182.4	69.27	178.7	68.52	174.9	67.09	170.0	65.07	158.7	60.24
	-9.8	-11	193.1	70.11	189.6	69.60	181.4	66.50	175.7	64.16	170.0	61.84	158.7	57.29
	-9.5	-10	197.5	70.77	191.2	68.77	181.4	64.91	175.7	62.64	170.0	60.37	158.7	55.95
	-8.5	-9.1	200.5	70.61	192.7	67.89	181.4	63.41	175.7	61.18	170.0	59.00	158.7	54.67
	-7	-7.6	203.3	69.26	192.7	65.28	181.4	60.97	175.7	58.85	170.0	56.76	158.7	52.61
	-5	-5.6	204.1	66.04	192.7	61.91	181.4	57.84	175.7	55.85	170.0	53.88	158.7	49.96
	-3	-3.7	204.1	62.73	192.7	58.84	181.4	54.99	175.7	53.10	170.0	51.23	158.7	47.54
	0	-0.7	204.1	57.87	192.7	54.30	181.4	50.81	175.7	49.08	170.0	47.37	158.7	44.00
	3	2.2	204.1	53.57	192.7	50.31	181.4	47.11	175.7	45.53	170.0	43.97	158.7	40.88
	5	4.1	193.2	46.94	181.8	43.95	170.3	41.02	164.5	39.56	158.8	38.12	147.2	35.25
	7	6	182.0	40.78	170.5	38.05	158.8	35.36	153.0	34.03	147.2	32.71	135.6	30.11
	9	7.9	170.3	35.15	158.7	32.69	146.9	30.23	141.1	29.04	135.3	27.83	123.5	25.45
	11	9.8	158.4	30.05	146.6	27.81	134.7	25.62	128.7	24.53	122.9	23.44	110.8	21.30
	13	11.8	145.9	25.37	134.1	23.38	122.2	21.40	116.1	20.43	110.1	19.46	97.90	17.54
	15	13.7	133.1	21.24	121.0	19.47	109.1	17.73	102.8	16.86	96.70	15.99	84.20	14.29
80	-30	-30.2	113.9	57.89	113.0	58.33	112.3	58.78	112.0	58.98	111.6	59.20	110.8	59.62
	-24.8	-25	132.1	61.31	131.1	61.81	130.2	62.29	129.8	62.52	129.3	62.75	128.6	63.23
	-21.8	-22	143.1	63.36	142.2	63.87	141.2	64.36	140.9	64.61	140.3	64.86	138.4	64.62
	-19.8	-20	151.0	64.72	150.0	65.26	149.1	65.78	148.5	66.03	147.7	66.09	141.1	63.12
	-18.8	-19	155.1	65.44	154.1	65.96	153.1	66.50	152.5	66.75	149.1	65.31	141.1	61.59
	-16.7	-17	163.3	66.86	162.3	67.41	158.9	66.55	155.5	65.17	151.1	63.24	141.1	58.61
	-15	-15.9	168.3	67.71	167.3	68.26	160.6	65.64	156.2	63.70	151.1	61.43	141.1	56.93
	-13.7	-15	172.9	68.49	169.0	67.47	161.3	64.14	156.2	61.87	151.1	59.63	141.1	55.24
	-11.8	-13	178.7	68.50	171.3	65.62	161.3	61.31	156.2	59.18	151.1	57.07	141.1	52.87
	-9.8	-11	181.4	66.50	171.3	62.35	161.3	58.31	156.2	56.29	151.1	54.30	141.1	50.40
	-9.5	-10	181.4	64.91	171.3	60.88	161.3	56.93	156.2	54.98	151.1	53.05	141.1	49.24
	-8.5	-9.1	181.4	63.41	171.3	59.48	161.3	55.63	156.2	53.73	151.1	51.83	141.1	48.12
	-7	-7.6	181.4	60.97	171.3	57.21	161.3	53.52	156.2	51.71	151.1	49.90	141.1	46.33
	-5	-5.6	181.4	57.84	171.3	54.31	161.3	50.83	156.2	49.11	151.1	47.40	141.1	44.04
	-3	-3.7	181.4	54.99	171.3	51.65	161.3	48.35	156.2	46.74	151.1	45.14	141.1	41.96
	0	-0.7	181.4	50.81	171.3	47.75	161.3	44.74	156.2	43.27	151.1	41.79	141.1	38.89
	3	2.2	181.4	47.11	171.3	44.30	161.3	41.56	156.2	40.20	151.1	38.83	141.1	36.18
	5	4.1	171.8	41.38	161.6	38.81	151.4	36.26	146.3	35.01	141.1	33.75	130.9	31.29
	7	6	161.7	36.04	151.4	33.69	141.1	31.36	136.0	30.21	130.9	29.07	120.4	26.82
	9	7.9	151.4	31.15	141.1	29.02	130.6	26.90	125.4	25.87	120.3	24.82	109.7	22.76
	11	9.8	140.8	26.72	130.3	24.80	119.7	22.90	114.5	21.94	109.1	21.01	98.50	19.14
	13	11.8	129.7	22.66	119.1	20.93	108.5	19.22	103.1	18.38	97.90	17.54	87.00	15.87
	15	13.7	118.4	19.07	107.6	17.53	96.90	16.02	91.50	15.27	86.00	14.50	74.90	13.01
70	-30	-30.2	112.7	58.57	112.0	58.99	111.1	59.41	110.8	59.63	110.4	59.85	109.8	60.25

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	130.3	62.18	129.6	62.66	128.7	63.11	128.3	63.34	128.0	63.56	122.9	61.23
	-21.8	-22	141.3	64.35	140.3	64.84	138.4	64.60	135.4	63.25	132.2	61.76	123.5	57.30
	-19.8	-20	149.1	65.81	147.1	65.70	141.1	63.12	136.7	60.95	132.2	58.81	123.5	54.57
	-18.8	-19	152.9	66.57	148.5	64.92	141.1	61.59	136.7	59.48	132.2	57.40	123.5	53.26
	-16.7	-17	157.2	65.85	150.0	62.64	141.1	58.61	136.7	56.62	132.2	54.63	123.5	50.73
	-15	-15.9	158.7	64.85	150.0	60.86	141.1	56.93	136.7	54.97	132.2	53.02	123.5	49.19
	-13.7	-15	158.7	63.01	150.0	59.09	141.1	55.24	136.7	53.34	132.2	51.45	123.5	47.74
	-11.8	-13	158.7	60.24	150.0	56.53	141.1	52.87	136.7	51.04	132.2	49.26	123.5	45.72
	-9.8	-11	158.7	57.29	150.0	53.81	141.1	50.40	136.7	48.70	132.2	47.03	123.5	43.68
	-9.5	-10	158.7	55.95	150.0	52.57	141.1	49.24	136.7	47.59	132.2	45.95	123.5	42.74
	-8.5	-9.1	158.7	54.67	150.0	51.38	141.1	48.12	136.7	46.51	132.2	44.92	123.5	41.78
	-7	-7.6	158.7	52.61	150.0	49.45	141.1	46.33	136.7	44.80	132.2	43.28	123.5	40.26
	-5	-5.6	158.7	49.96	150.0	46.98	141.1	44.06	136.7	42.60	132.2	41.17	123.5	38.31
	-3	-3.7	158.7	47.54	150.0	44.73	141.1	41.96	136.7	40.59	132.2	39.23	123.5	36.53
	0	-0.7	158.7	44.00	150.0	41.43	141.1	38.89	136.7	37.64	132.2	36.40	123.5	33.92
	3	2.2	158.7	40.88	150.0	38.51	141.1	36.18	136.7	35.03	132.2	33.89	123.5	31.62
	5	4.1	150.3	36.00	141.4	33.81	132.5	31.65	128.0	30.59	123.5	29.53	114.6	27.43
	7	6	141.5	31.43	132.5	29.45	123.5	27.48	119.0	26.49	114.5	25.53	105.3	23.60
	9	7.9	132.5	27.29	123.5	25.47	114.3	23.68	109.8	22.79	105.2	21.90	96.00	20.15
	11	9.8	123.2	23.50	114.0	21.87	104.9	20.24	100.2	19.44	95.60	18.63	86.10	17.03
	13	11.8	113.6	20.02	104.3	18.55	95.00	17.11	90.30	16.37	85.50	15.66	76.10	14.23
	15	13.7	103.6	16.96	94.10	15.64	84.80	14.34	80.00	13.69	75.20	13.07	65.60	11.78
60	-30	-30.2	111.1	59.44	110.5	59.86	109.8	60.26	109.3	60.47	108.9	60.67	105.1	58.68
	-24.8	-25	128.4	63.30	126.3	62.83	121.0	60.28	117.1	58.26	113.3	56.24	105.9	52.24
	-21.8	-22	135.0	63.05	128.6	59.84	121.0	56.05	117.1	54.16	113.3	52.30	105.9	48.60
	-19.8	-20	136.0	60.65	128.6	57.00	121.0	53.38	117.1	51.61	113.3	49.84	105.9	46.33
	-18.8	-19	136.0	59.19	128.6	55.61	121.0	52.11	117.1	50.37	113.3	48.65	105.9	45.24
	-16.7	-17	136.0	56.33	128.6	52.96	121.0	49.62	117.1	47.97	113.3	46.35	105.9	43.12
	-15	-15.9	136.0	54.69	128.6	51.38	121.0	48.12	117.1	46.51	113.3	44.92	105.9	41.75
	-13.7	-15	136.0	53.08	128.6	49.87	121.0	46.71	117.1	45.15	113.3	43.60	105.9	40.55
	-11.8	-13	136.0	50.79	128.6	47.72	121.0	44.71	117.1	43.22	113.3	41.76	105.9	38.84
	-9.8	-11	136.0	48.46	128.6	45.59	121.0	42.72	117.1	41.29	113.3	39.89	105.9	37.12
	-9.5	-10	136.0	47.34	128.6	44.56	121.0	41.83	117.1	40.46	113.3	39.11	105.9	36.45
	-8.5	-9.1	136.0	46.28	128.6	43.56	121.0	40.90	117.1	39.57	113.3	38.26	105.9	35.65
	-7	-7.6	136.0	44.58	128.6	41.98	121.0	39.41	117.1	38.14	113.3	36.89	105.9	34.38
	-5	-5.6	136.0	42.38	128.6	39.94	121.0	37.52	117.1	36.32	113.3	35.13	105.9	32.78
	-3	-3.7	136.0	40.40	128.6	38.06	121.0	35.77	117.1	34.65	113.3	33.51	105.9	31.28
	0	-0.7	136.0	37.45	128.6	35.33	121.0	33.23	117.1	32.18	113.3	31.16	105.9	29.11
	3	2.2	136.0	34.87	128.6	32.91	121.0	30.97	117.1	30.02	113.3	29.08	105.9	27.20
	5	4.1	128.7	30.78	121.2	28.98	113.6	27.19	109.7	26.30	105.9	25.43	98.20	23.68
	7	6	121.3	26.99	113.6	25.33	105.9	23.70	102.1	22.90	98.20	22.10	90.30	20.50
	9	7.9	113.6	23.52	105.9	22.02	97.90	20.53	94.10	19.79	90.20	19.05	82.20	17.60
	11	9.8	105.6	20.37	97.60	19.01	89.90	17.66	85.80	16.99	81.90	16.32	73.90	14.99
	13	11.8	97.30	17.47	89.30	16.24	81.30	15.02	77.40	14.42	73.30	13.83	65.20	12.61
	15	13.7	88.70	14.90	80.70	13.79	72.60	12.71	68.50	12.18	64.40	11.64	56.30	10.57
50	-30	-30.2	109.0	60.61	106.0	59.12	100.8	56.24	97.60	54.38	94.40	52.52	88.30	48.86
	-24.8	-25	113.3	56.24	107.2	52.91	100.8	49.63	97.60	47.99	94.40	46.38	88.30	43.18

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	113.3	52.30	107.2	49.22	100.8	46.18	97.60	44.69	94.40	43.20	88.30	40.25
	-19.8	-20	113.3	49.84	107.2	46.91	100.8	44.03	97.60	42.61	94.40	41.21	88.30	38.39
	-18.8	-19	113.3	48.66	107.2	45.81	100.8	43.00	97.60	41.61	94.40	40.24	88.30	37.51
	-16.7	-17	113.3	46.35	107.2	43.66	100.8	41.00	97.60	39.68	94.40	38.37	88.30	35.79
	-15	-15.9	113.3	44.92	107.2	42.27	100.8	39.70	97.60	38.40	94.40	37.13	88.30	34.62
	-13.7	-15	113.3	43.60	107.2	41.04	100.8	38.54	97.60	37.30	94.40	36.06	88.30	33.62
	-11.8	-13	113.3	41.76	107.2	39.32	100.8	36.92	97.60	35.74	94.40	34.56	88.30	32.24
	-9.8	-11	113.3	39.89	107.2	37.58	100.8	35.30	97.60	34.18	94.40	33.04	88.30	30.84
	-9.5	-10	113.3	39.11	107.2	36.89	100.8	34.69	97.60	33.61	94.40	32.53	88.30	30.39
	-8.5	-9.1	113.3	38.26	107.2	36.10	100.8	33.95	97.60	32.89	94.40	31.84	88.30	29.74
	-7	-7.6	113.3	36.89	107.2	34.80	100.8	32.74	97.60	31.73	94.40	30.73	88.30	28.73
	-5	-5.6	113.3	35.13	107.2	33.17	100.8	31.21	97.60	30.25	94.40	29.30	88.30	27.41
	-3	-3.7	113.3	33.51	107.2	31.67	100.8	29.83	97.60	28.91	94.40	28.01	88.30	26.22
	0	-0.7	113.3	31.16	107.2	29.45	100.8	27.76	97.60	26.93	94.40	26.10	88.30	24.45
	3	2.2	113.3	29.08	107.2	27.50	100.8	25.95	97.60	25.19	94.40	24.42	88.30	22.91
	5	4.1	107.2	25.77	101.1	24.31	94.70	22.88	91.50	22.17	88.30	21.45	81.90	20.05
	7	6	101.1	22.70	94.70	21.37	88.30	20.06	85.10	19.40	81.90	18.76	75.20	17.45
	9	7.9	94.70	19.89	88.30	18.68	81.60	17.48	78.40	16.89	75.20	16.29	68.50	15.11
	11	9.8	88.00	17.35	81.50	16.24	74.90	15.14	71.60	14.60	68.20	14.05	61.50	12.99
	13	11.8	81.00	14.98	74.50	14.00	67.80	13.01	64.40	12.51	61.10	12.03	54.40	11.06
	15	13.7	73.90	12.90	67.20	12.01	60.50	11.13	57.20	10.68	53.70	10.24	46.80	9.37

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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29.5 Capacity Correction Factor

29.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-100	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0	76.0
-90	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-80	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-70	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-60	-	-	-	-	-	-	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-50	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	76.0	76.0
-40	-	-	-	-	94.0	92.0	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	76.0	76.0
-30	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-20	-	-	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0	76.0
-10	-	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
-7.5	99.0	99.0	97.0	96.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
0	100.0	99.0	97.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
7.5	100.0	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
10	-	99.0	98.0	96.0	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0	76.0
20	-	-	98.0	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
30	-	-	-	96.0	95.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
40	-	-	-	-	95.0	93.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
50	-	-	-	-	-	94.0	92.0	91.0	90.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0
110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	77.0	77.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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29.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

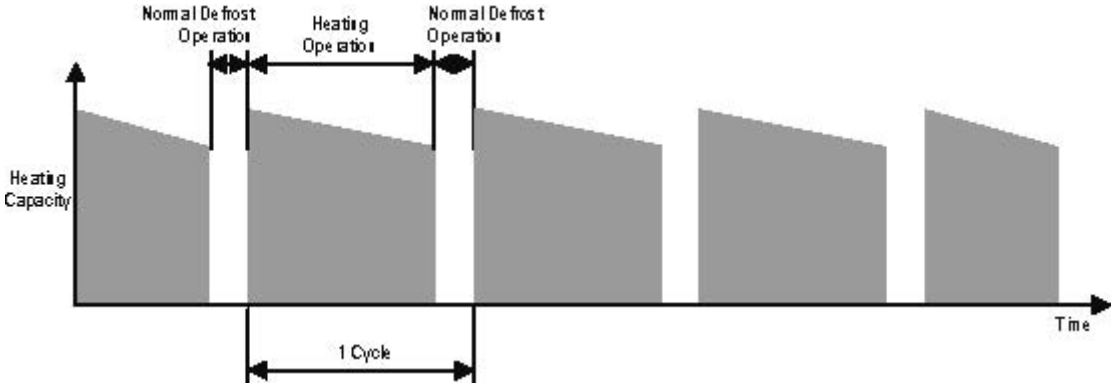
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

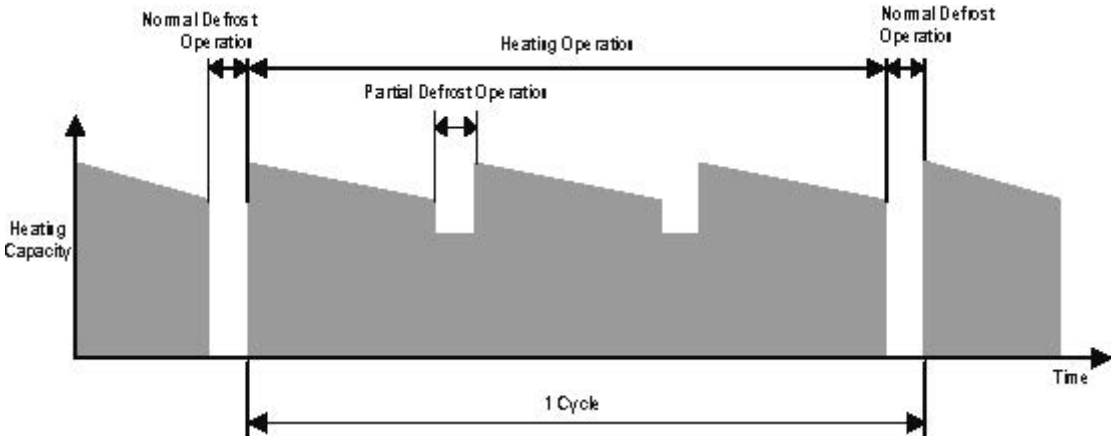
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

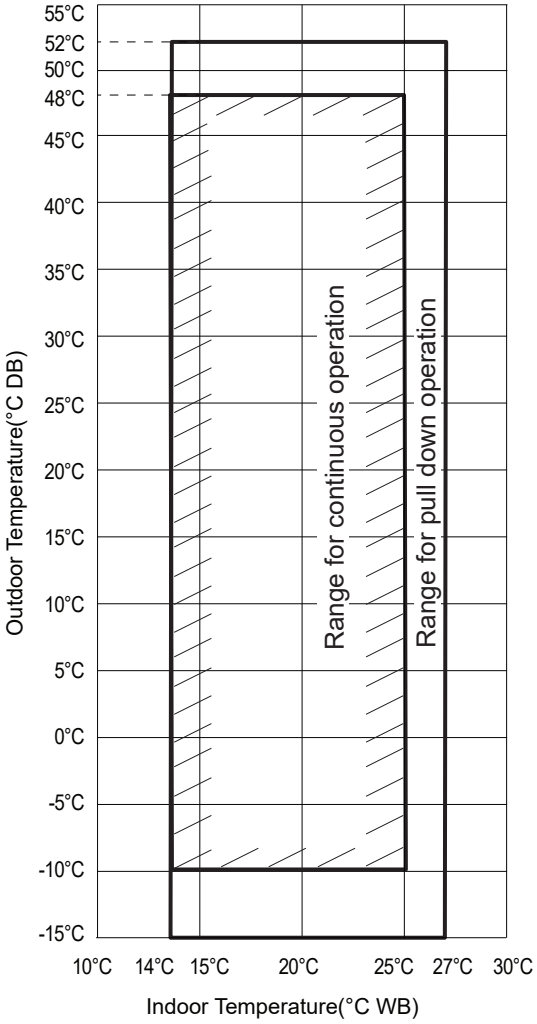


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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29.6 Operation Limits

29.6.1 Cooling

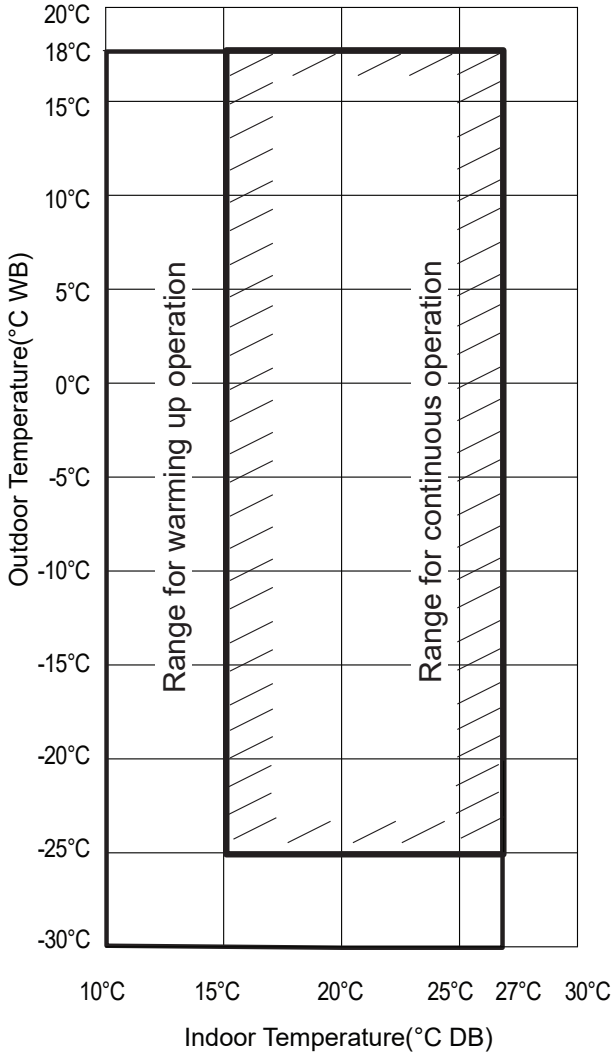


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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29.6.2 Heating

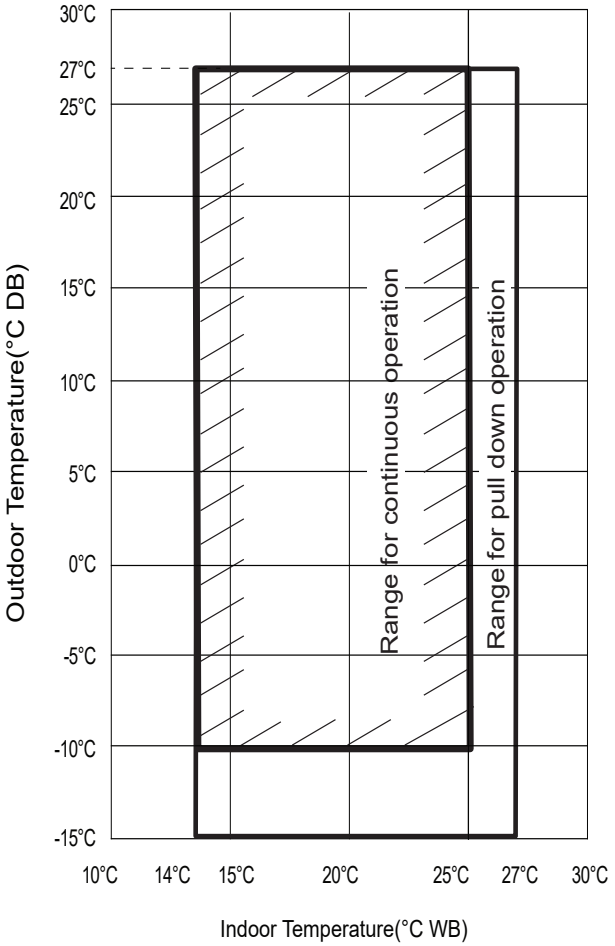


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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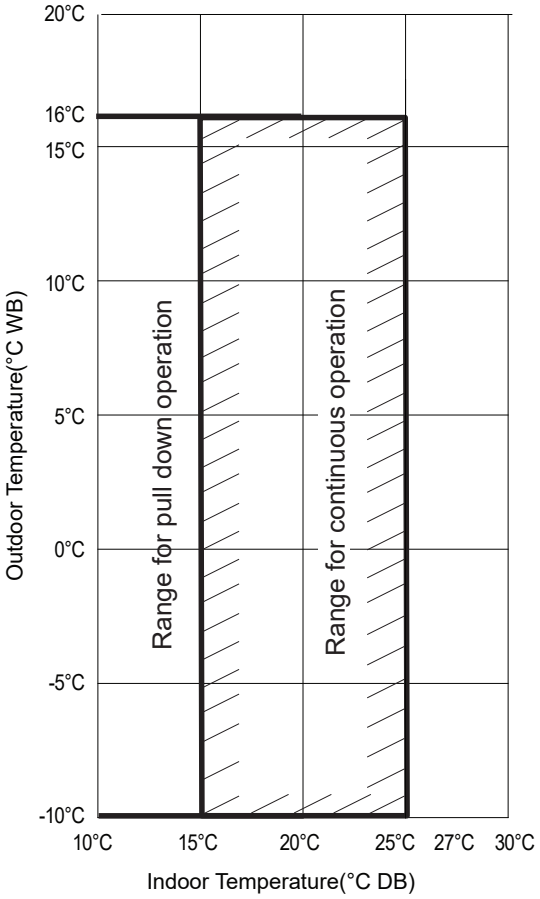
29.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

29.6.4 Simultaneous Operation (Heating)



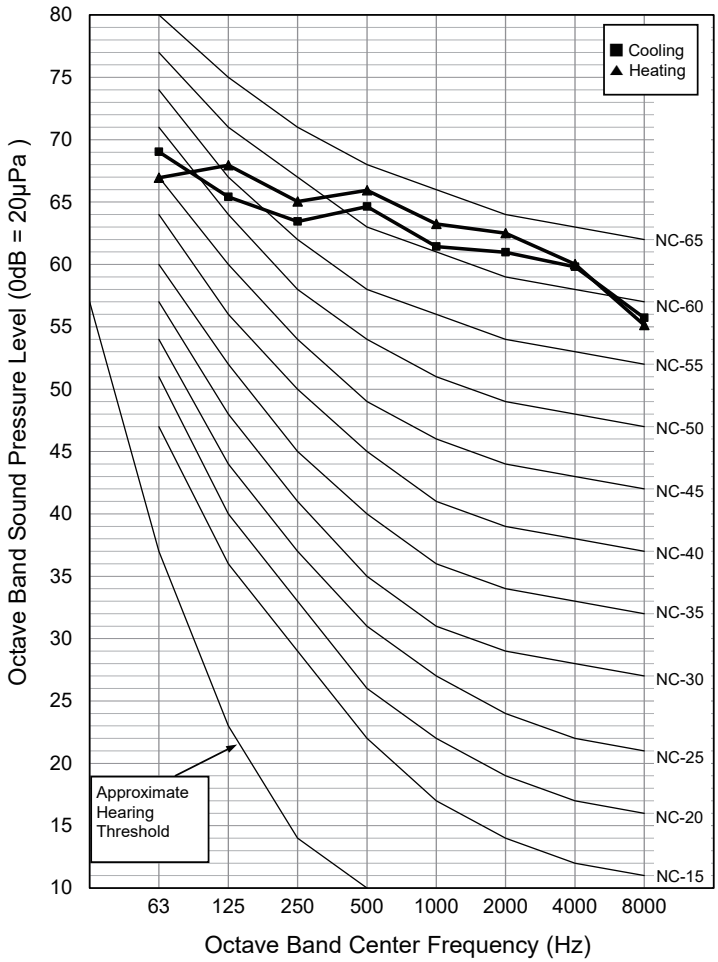
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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29.7 Sound Levels

29.7.1 Pressure Levels



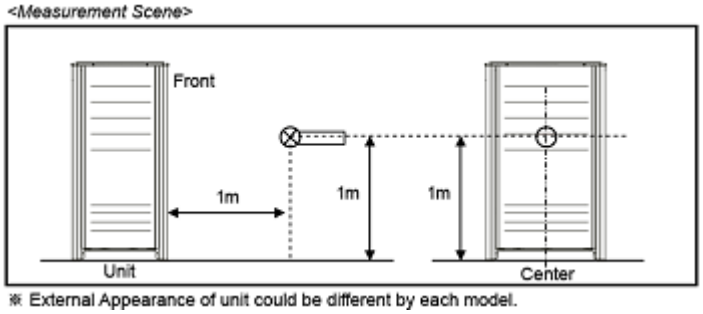
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.0	65.4	63.4	64.6	61.4	61.0	59.8	55.7
Heating[dB]	66.9	68.0	65.0	65.9	63.2	62.5	60.0	55.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	68.0 / 69.3

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

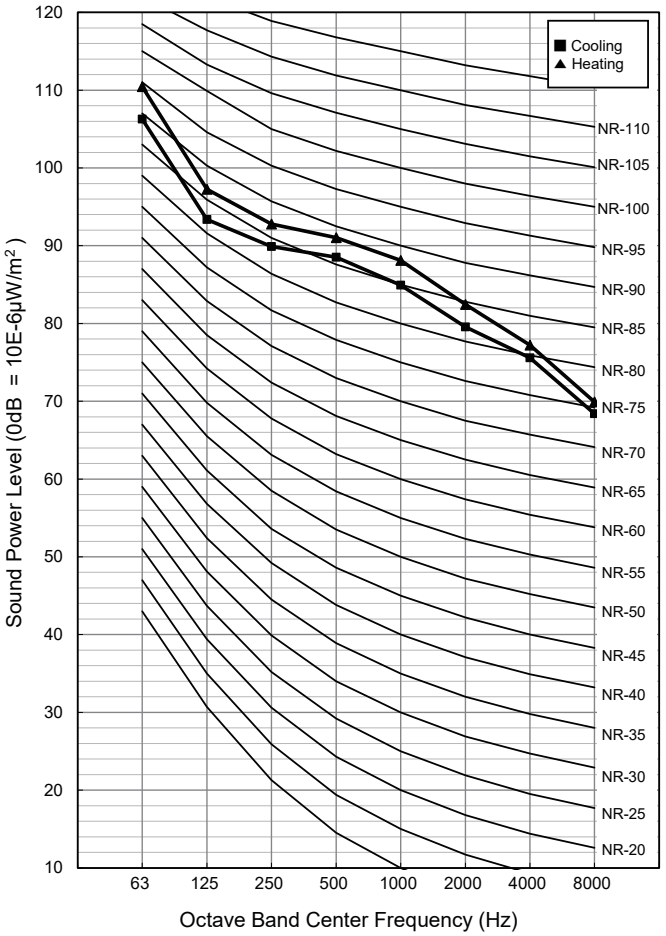
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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29.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	106.3	93.4	89.9	88.5	84.9	79.6	75.6	68.4
Heating[dB]	110.4	97.2	92.8	91.0	88.1	82.4	77.2	69.9

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.5 / 93.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

30. ARUM660LTE6

30.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM220LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	107.32 - 101.95 - 98.27
	Running Current by Voltage (Heating,Rated)	A	77.13 - 73.27 - 70.62
Cooling Capacity	Rated	kW	184.8
		Btu/h	630,600
Heating Capacity	Rated	kW	184.8
		Btu/h	630,600
	Max	kW	207.9
		Btu/h	709,400
Power Input(Cooling)	Rated	kW	65.69
Power Input(Heating)	Rated	kW	47.21
Efficiency	EER(Rated)	W/W	2.81
	COP(Rated)	W/W	3.91
	SEER	Wh/Wh	7.51
	SCOP	Wh/Wh	4.69
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 6
	Number of Revolution	rev./min	3,600 x 6
	Motor Output	W x No.	5,300 x 6
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	5
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 1)
Weight	Net	kg	(362 x 1) + (362 x 1) + (300 x 1)
	Shipping	kg	(372 x 1) + (372 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

30. ARUM660LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	48.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	100.200
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	68.6 / 70.1
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	89.8 / 93.1
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	148.8
	Maximum Fuse Amperes (MFA)	A	175
	Total Over Current Amperes (TOCA)	A	166.0
	Comp_Maximum Starting Current (MSC)	A	35.4
	Comp_Rated Load Amperes (Cooling)	A	94.8
	Comp_Rated Load Amperes (Heating)	A	64.6
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	12.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

30. ARUM660LTE6

30.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied
- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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30.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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30.4 Capacity Tables

30.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	144.3	16.36	182.2	22.84	223.0	33.43	240.1	39.24	259.4	46.27	275.9	52.15	288.8	56.79
	12	144.3	17.91	182.2	25.23	223.0	36.85	240.1	43.11	259.4	50.45	275.9	56.34	288.8	61.03
	14	144.3	19.63	182.2	27.86	223.0	40.58	240.1	47.26	259.4	54.90	275.9	60.88	288.8	65.64
	16	144.3	21.55	182.2	30.77	223.0	44.67	240.1	51.75	259.4	59.62	275.9	65.77	288.8	70.62
	18	144.3	23.69	182.2	33.95	223.0	49.14	240.1	56.63	259.4	64.70	275.9	70.82	288.8	75.05
	20	144.3	26.04	182.2	37.44	223.0	54.03	240.1	61.89	259.4	69.17	275.9	74.37	288.8	78.23
	21	144.3	27.32	182.2	39.31	223.0	56.61	240.1	63.99	259.4	70.82	275.9	76.03	288.8	79.86
	23	144.3	30.07	182.2	43.31	223.0	60.54	240.1	67.67	259.4	74.30	275.9	79.55	288.8	83.37
	25	144.3	33.07	182.2	46.79	223.0	64.22	240.1	71.44	259.4	78.04	275.9	83.38	288.8	87.24
	27	144.3	35.90	182.2	49.84	223.0	68.09	240.1	75.27	259.4	82.08	275.9	87.59	288.8	91.56
	29	144.3	38.28	182.2	53.10	223.0	72.25	240.1	79.38	259.4	86.47	275.9	92.25	287.9	96.15
	31	144.3	40.81	182.2	56.60	223.0	76.76	240.1	83.82	259.4	91.31	275.9	97.49	286.5	101.2
	33	144.3	43.52	182.2	60.35	223.0	81.50	240.1	88.65	259.4	96.71	273.8	102.6	274.9	103.1
	35	144.3	46.40	182.2	64.38	223.0	86.29	240.1	93.97	256.7	101.5	256.8	101.6	257.0	101.7
	37	144.3	49.48	182.2	68.73	223.0	91.53	238.7	99.25	239.3	99.50	239.1	99.46	239.1	99.49
	39	144.3	52.76	182.2	73.46	221.7	96.68	221.8	96.79	221.8	96.73	221.6	96.69	221.6	96.68
	41	144.3	56.27	182.2	78.64	205.1	93.72	204.9	93.67	204.8	93.61	204.7	93.61	204.8	93.64
	43	144.3	60.06	182.2	84.37	188.6	88.87	188.4	88.85	188.4	88.75	188.4	88.86	188.3	88.79
	46	144.3	66.28	165.5	80.73	165.2	80.61	165.3	80.66	165.1	80.55	165.0	80.51	165.2	80.61
	48	144.3	70.87	150.7	75.38	150.5	75.36	150.5	75.30	150.5	75.33	150.5	75.35	150.4	75.31
	50	137.1	70.72	136.9	70.66	136.7	70.62	136.7	70.57	136.6	70.56	136.4	70.49	136.6	70.58
	52	122.3	63.50	123.3	61.27	123.6	59.08	123.6	58.64	123.6	58.11	123.6	57.70	123.6	57.42
120	10	133.2	14.97	168.3	20.11	205.8	28.46	221.7	33.02	239.5	39.01	254.7	44.48	266.6	48.89
	12	133.2	16.29	168.3	22.18	205.8	31.43	221.7	36.41	239.5	42.86	254.7	48.57	266.6	53.01
	14	133.2	17.78	168.3	24.45	205.8	34.70	221.7	40.11	239.5	47.01	254.7	53.02	266.6	57.46
	16	133.2	19.44	168.3	26.97	205.8	38.26	221.7	44.15	239.5	51.49	254.7	57.84	266.6	62.27
	18	133.2	21.30	168.3	29.75	205.8	42.17	221.7	48.57	239.5	56.35	254.7	62.87	266.6	67.46
	20	133.2	23.36	168.3	32.81	205.8	46.45	221.7	53.42	239.5	61.60	254.7	67.52	266.6	71.44
	21	133.2	24.47	168.3	34.45	205.8	48.73	221.7	55.99	239.5	63.70	254.7	69.25	266.6	73.10
	23	133.2	26.89	168.3	37.96	205.8	53.07	221.7	59.94	239.5	67.41	254.7	72.73	266.6	76.60
	25	133.2	29.54	168.3	41.54	205.8	56.48	221.7	63.67	239.5	71.21	254.7	76.43	266.6	80.39
	27	133.2	32.35	168.3	44.33	205.8	60.13	221.7	67.51	239.5	75.04	254.7	80.42	266.6	84.50
	29	133.2	34.51	168.3	47.25	205.8	64.05	221.7	71.64	239.5	79.14	254.7	84.74	266.6	89.01
	31	133.2	36.79	168.3	50.37	205.8	68.27	221.7	76.10	239.5	83.55	254.7	89.48	266.6	94.01
	33	133.2	39.22	168.3	53.69	205.8	72.83	221.7	80.94	239.5	88.38	254.7	94.71	266.6	99.65
	35	133.2	41.83	168.3	57.26	205.8	77.50	221.7	85.71	239.5	93.68	254.7	100.6	257.1	101.7
	37	133.2	44.61	168.3	61.08	205.8	82.60	221.7	90.90	238.6	99.13	239.3	99.51	239.1	99.46
	39	133.2	47.56	168.3	65.20	205.8	88.22	221.3	96.47	221.9	96.79	221.7	96.76	221.8	96.76
	41	133.2	50.73	168.3	69.66	205.1	93.67	205.0	93.67	204.9	93.65	204.8	93.63	204.7	93.61
	43	133.2	54.11	168.3	74.52	188.7	88.90	188.5	88.83	188.5	88.79	188.4	88.86	188.4	88.82
	46	133.2	59.65	165.4	80.73	165.3	80.57	165.3	80.57	165.3	80.64	165.1	80.60	165.2	80.59
	48	133.2	63.69	150.8	75.40	150.6	75.36	150.7	75.43	150.5	75.32	150.4	75.26	150.6	75.36
	50	133.2	68.05	137.0	70.64	136.7	70.56	136.7	70.58	136.7	70.60	136.4	70.46	136.7	70.56
	52	122.0	64.27	123.0	62.22	123.6	59.98	123.6	59.55	123.5	59.06	123.7	58.72	123.6	58.47
110	10	122.1	13.76	154.2	17.79	188.7	24.24	203.2	27.76	219.5	32.36	233.4	36.86	244.3	40.78
	12	122.1	14.88	154.2	19.53	188.7	26.79	203.2	30.67	219.5	35.69	233.4	40.57	244.3	44.66
	14	122.1	16.15	154.2	21.48	188.7	29.59	203.2	33.86	219.5	39.32	233.4	44.60	244.3	48.87

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	122.1	17.57	154.2	23.64	188.7	32.67	203.2	37.36	219.5	43.31	233.4	49.01	244.3	53.46
	18	122.1	19.17	154.2	26.04	188.7	36.06	203.2	41.17	219.5	47.67	233.4	53.78	244.3	58.46
	20	122.1	20.95	154.2	28.67	188.7	39.74	203.2	45.36	219.5	52.43	233.4	58.90	244.3	63.65
	21	122.1	21.91	154.2	30.09	188.7	41.72	203.2	47.61	219.5	54.98	233.4	61.16	244.3	65.73
	23	122.1	24.01	154.2	33.14	188.7	45.96	203.2	51.94	219.5	58.99	233.4	64.87	244.3	69.26
	25	122.1	26.33	154.2	36.49	188.7	49.30	203.2	55.35	219.5	62.72	233.4	68.69	244.3	72.89
	27	122.1	28.89	154.2	39.24	188.7	52.53	203.2	58.92	219.5	66.57	233.4	72.79	244.3	76.78
	29	122.1	31.01	154.2	41.84	188.7	55.96	203.2	62.75	219.5	70.65	233.4	76.87	244.3	80.94
	31	122.1	33.04	154.2	44.60	188.7	59.63	203.2	66.89	219.5	75.04	233.4	81.18	244.3	85.46
	33	122.1	35.22	154.2	47.55	188.7	63.59	203.2	71.36	219.5	79.83	233.4	85.86	244.3	90.41
	35	122.1	37.55	154.2	50.71	188.7	67.85	203.2	76.11	219.5	84.76	233.4	90.96	244.3	95.87
	37	122.1	40.04	154.2	54.06	188.7	72.49	203.2	81.08	219.5	89.88	233.4	96.61	239.3	99.50
	39	122.1	42.71	154.2	57.67	188.7	77.55	203.2	86.57	219.5	95.50	221.8	96.70	221.9	96.77
	41	122.1	45.55	154.2	61.55	188.7	83.14	203.2	92.63	205.1	93.69	204.8	93.64	204.9	93.65
	43	122.1	48.58	154.2	65.73	188.5	88.74	188.7	88.90	188.5	88.82	188.6	88.91	188.5	88.89
	46	122.1	53.53	154.2	72.67	165.3	80.62	165.2	80.59	165.2	80.63	165.2	80.63	165.0	80.51
	48	122.1	57.11	150.8	75.47	150.7	75.43	150.7	75.44	150.7	75.36	150.5	75.35	150.4	75.32
	50	122.1	60.96	137.0	70.74	136.8	70.60	136.7	70.60	136.7	70.54	136.7	70.56	136.7	70.62
	52	121.6	64.73	122.4	63.23	123.6	61.11	123.5	60.64	123.7	60.21	123.5	59.80	123.6	59.23
100	10	111.0	12.73	140.2	15.82	171.6	20.72	184.8	23.38	199.6	26.82	212.2	30.21	222.1	33.16
	12	111.0	13.67	140.2	17.29	171.6	22.85	184.8	25.82	199.6	29.65	212.2	33.36	222.1	36.55
	14	111.0	14.73	140.2	18.92	171.6	25.21	184.8	28.53	199.6	32.74	212.2	36.79	222.1	40.27
	16	111.0	15.93	140.2	20.73	171.6	27.83	184.8	31.49	199.6	36.14	212.2	40.55	222.1	44.33
	18	111.0	17.27	140.2	22.76	171.6	30.70	184.8	34.75	199.6	39.85	212.2	44.67	222.1	48.77
	20	111.0	18.79	140.2	25.02	171.6	33.85	184.8	38.32	199.6	43.90	212.2	49.17	222.1	53.63
	21	111.0	19.60	140.2	26.22	171.6	35.55	184.8	40.23	199.6	46.08	212.2	51.58	222.1	56.22
	23	111.0	21.40	140.2	28.84	171.6	39.18	184.8	44.32	199.6	50.43	212.2	55.79	222.1	60.15
	25	111.0	23.41	140.2	31.72	171.6	42.78	184.8	47.75	199.6	53.79	212.2	59.34	222.1	63.85
	27	111.0	25.63	140.2	34.56	171.6	45.59	184.8	50.87	199.6	57.27	212.2	63.15	222.1	67.71
	29	111.0	27.75	140.2	36.84	171.6	48.59	184.8	54.19	199.6	61.01	212.2	67.26	222.1	71.85
	31	111.0	29.54	140.2	39.27	171.6	51.80	184.8	57.76	199.6	65.02	212.2	71.51	222.1	76.33
	33	111.0	31.47	140.2	41.88	171.6	55.22	184.8	61.58	199.6	69.36	212.2	76.04	222.1	81.15
	35	111.0	33.55	140.2	44.66	171.6	58.88	184.8	65.71	199.6	74.08	212.2	80.97	222.1	85.91
	37	111.0	35.78	140.2	47.62	171.6	62.83	184.8	70.16	199.6	79.05	212.2	86.37	222.1	91.12
	39	111.0	38.15	140.2	50.78	171.6	67.08	184.8	75.02	199.6	84.33	212.2	91.75	221.4	96.55
	41	111.0	40.70	140.2	54.17	171.6	71.69	184.8	80.36	199.6	90.17	205.0	93.66	205.0	93.64
	43	111.0	43.41	140.2	57.78	171.6	76.75	184.8	86.23	188.6	88.87	188.5	88.86	188.5	88.85
	46	111.0	47.84	140.2	63.74	165.3	80.66	165.4	80.62	165.2	80.56	165.2	80.58	165.2	80.57
	48	111.0	51.03	140.2	68.10	150.9	75.44	150.7	75.41	150.6	75.33	150.6	75.33	150.6	75.35
	50	111.0	54.44	137.1	70.68	136.9	70.64	136.8	70.60	136.8	70.62	136.8	70.62	136.7	70.61
	52	111.0	58.09	122.3	63.83	122.9	62.27	123.2	61.60	123.5	60.92	123.6	60.23	123.7	59.78
90	10	99.90	11.86	126.2	14.18	154.4	17.81	166.3	19.77	179.6	22.30	191.1	24.76	199.9	26.92
	12	99.90	12.63	126.2	15.37	154.4	19.57	166.3	21.78	179.6	24.63	191.1	27.37	199.9	29.74
	14	99.90	13.49	126.2	16.72	154.4	21.51	166.3	24.01	179.6	27.20	191.1	30.24	199.9	32.85
	16	99.90	14.48	126.2	18.23	154.4	23.69	166.3	26.48	179.6	30.02	191.1	33.39	199.9	36.25
	18	99.90	15.60	126.2	19.92	154.4	26.08	166.3	29.21	179.6	33.13	191.1	36.83	199.9	39.97
	20	99.90	16.86	126.2	21.80	154.4	28.73	166.3	32.19	179.6	36.53	191.1	40.61	199.9	44.04
	21	99.90	17.56	126.2	22.81	154.4	30.15	166.3	33.81	179.6	38.35	191.1	42.63	199.9	46.23
	23	99.90	19.07	126.2	25.02	154.4	33.20	166.3	37.25	179.6	42.27	191.1	46.93	199.9	50.57
	25	99.90	20.77	126.2	27.46	154.4	36.56	166.3	40.83	179.6	45.78	191.1	50.25	199.9	53.94
	27	99.90	22.67	126.2	30.15	154.4	39.31	166.3	43.59	179.6	48.78	191.1	53.51	199.9	57.42

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	99.90	24.71	126.2	32.26	154.4	41.90	166.3	46.46	179.6	51.98	191.1	57.01	199.9	61.17
	31	99.90	26.29	126.2	34.38	154.4	44.67	166.3	49.54	179.6	55.40	191.1	60.76	199.9	65.20
	33	99.90	27.99	126.2	36.65	154.4	47.62	166.3	52.81	179.6	59.07	191.1	64.78	199.9	69.55
	35	99.90	29.81	126.2	39.08	154.4	50.78	166.3	56.31	179.6	63.00	191.1	69.14	199.9	74.27
	37	99.90	31.78	126.2	41.66	154.4	54.16	166.3	60.06	179.6	67.25	191.1	73.88	199.9	79.24
	39	99.90	33.90	126.2	44.43	154.4	57.77	166.3	64.11	179.6	71.86	191.1	79.08	199.9	84.54
	41	99.90	36.16	126.2	47.39	154.4	61.66	166.3	68.48	179.6	76.90	191.1	84.60	199.9	90.40
	43	99.90	38.58	126.2	50.54	154.4	65.84	166.3	73.22	179.6	82.44	188.7	88.91	188.7	88.91
	46	99.90	42.52	126.2	55.69	154.4	72.79	165.4	80.66	165.4	80.64	165.3	80.61	165.4	80.67
	48	99.90	45.37	126.2	59.44	151.0	75.54	150.8	75.47	150.8	75.41	150.6	75.39	150.7	75.42
	50	99.90	48.41	126.2	63.46	137.0	70.71	137.0	70.69	136.8	70.62	136.8	70.61	136.9	70.67
	52	99.90	51.66	121.8	64.56	122.6	62.94	123.0	62.29	123.5	61.57	123.6	60.92	123.7	60.39
80	10	88.80	10.43	112.2	12.83	137.2	15.45	147.8	16.84	159.7	18.64	169.7	20.39	177.7	21.91
	12	88.80	11.74	112.2	13.78	137.2	16.85	147.8	18.46	159.7	20.51	169.7	22.49	177.7	24.19
	14	88.80	12.43	112.2	14.86	137.2	18.42	147.8	20.26	159.7	22.58	169.7	24.81	177.7	26.71
	16	88.80	13.22	112.2	16.08	137.2	20.18	147.8	22.26	159.7	24.89	169.7	27.37	177.7	29.49
	18	88.80	14.13	112.2	17.45	137.2	22.14	147.8	24.48	159.7	27.43	169.7	30.20	177.7	32.54
	20	88.80	15.17	112.2	19.00	137.2	24.30	147.8	26.94	159.7	30.22	169.7	33.31	177.7	35.89
	21	88.80	15.74	112.2	19.82	137.2	25.47	147.8	28.26	159.7	31.73	169.7	34.96	177.7	37.67
	23	88.80	17.00	112.2	21.65	137.2	27.99	147.8	31.12	159.7	34.96	169.7	38.52	177.7	41.52
	25	88.80	18.41	112.2	23.68	137.2	30.78	147.8	34.25	159.7	38.47	169.7	42.13	177.7	45.06
	27	88.80	20.00	112.2	25.93	137.2	33.63	147.8	37.05	159.7	41.17	169.7	44.93	177.7	48.02
	29	88.80	21.79	112.2	28.06	137.2	35.83	147.8	39.50	159.7	43.90	169.7	47.89	177.7	51.18
	31	88.80	23.30	112.2	29.88	137.2	38.21	147.8	42.12	159.7	46.80	169.7	51.05	177.7	54.53
	33	88.80	24.75	112.2	31.84	137.2	40.74	147.8	44.90	159.7	49.89	169.7	54.42	177.7	58.14
	35	88.80	26.35	112.2	33.94	137.2	43.44	147.8	47.87	159.7	53.21	169.7	58.02	177.7	62.02
	37	88.80	28.06	112.2	36.18	137.2	46.33	147.8	51.05	159.7	56.73	169.7	61.90	177.7	66.19
	39	88.80	29.92	112.2	38.60	137.2	49.40	147.8	54.45	159.7	60.53	169.7	66.09	177.7	70.70
	41	88.80	31.92	112.2	41.17	137.2	52.69	147.8	58.09	159.7	64.62	169.7	70.62	177.7	75.63
	43	88.80	34.07	112.2	43.92	137.2	56.20	147.8	61.99	159.7	69.04	169.7	75.56	177.7	81.05
	46	88.80	37.57	112.2	48.39	137.2	61.97	147.8	68.45	159.7	76.44	165.3	80.65	165.3	80.68
	48	88.80	40.12	112.2	51.62	137.2	66.20	147.8	73.23	150.8	75.43	150.8	75.43	150.8	75.43
	50	88.80	42.82	112.2	55.08	136.7	70.42	137.0	70.70	136.9	70.65	136.8	70.59	136.7	70.58
	52	88.80	45.70	112.2	58.77	122.2	63.78	122.6	63.10	123.0	62.35	123.3	61.73	123.5	61.22
70	10	77.80	8.69	98.10	11.67	120.1	13.56	129.3	14.52	139.7	15.76	148.5	16.96	155.4	17.98
	12	77.80	10.97	98.10	12.47	120.1	14.65	129.3	15.78	139.7	17.21	148.5	18.58	155.4	19.76
	14	77.80	11.51	98.10	13.30	120.1	15.87	129.3	17.18	139.7	18.83	148.5	20.39	155.4	21.74
	16	77.80	12.14	98.10	14.26	120.1	17.26	129.3	18.76	139.7	20.64	148.5	22.42	155.4	23.93
	18	77.80	12.86	98.10	15.35	120.1	18.80	129.3	20.52	139.7	22.66	148.5	24.67	155.4	26.35
	20	77.80	13.68	98.10	16.58	120.1	20.52	129.3	22.48	139.7	24.89	148.5	27.14	155.4	29.04
	21	77.80	14.14	98.10	17.25	120.1	21.47	129.3	23.54	139.7	26.10	148.5	28.48	155.4	30.47
	23	77.80	15.16	98.10	18.72	120.1	23.49	129.3	25.83	139.7	28.70	148.5	31.35	155.4	33.56
	25	77.80	16.31	98.10	20.37	120.1	25.77	129.3	28.37	139.7	31.57	148.5	34.51	155.4	36.95
	27	77.80	17.62	98.10	22.22	120.1	28.25	129.3	31.12	139.7	34.41	148.5	37.31	155.4	39.69
	29	77.80	19.11	98.10	24.23	120.1	30.38	129.3	33.25	139.7	36.67	148.5	39.78	155.4	42.32
	31	77.80	20.54	98.10	25.79	120.1	32.37	129.3	35.43	139.7	39.10	148.5	42.42	155.4	45.12
	33	77.80	21.78	98.10	27.45	120.1	34.50	129.3	37.78	139.7	41.70	148.5	45.22	155.4	48.10
	35	77.80	23.14	98.10	29.24	120.1	36.79	129.3	40.29	139.7	44.46	148.5	48.21	155.4	51.29
	37	77.80	24.63	98.10	31.16	120.1	39.22	129.3	42.96	139.7	47.41	148.5	51.41	155.4	54.69
	39	77.80	26.24	98.10	33.24	120.1	41.84	129.3	45.82	139.7	50.56	148.5	54.83	155.4	58.34
	41	77.80	27.99	98.10	35.46	120.1	44.62	129.3	48.87	139.7	53.93	148.5	58.50	155.4	62.27

30. ARUM660LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	77.80	29.87	98.10	37.83	120.1	47.59	129.3	52.11	139.7	57.53	148.5	62.44	155.4	66.50
	46	77.80	32.96	98.10	41.70	120.1	52.44	129.3	57.44	139.7	63.45	148.5	68.95	155.4	73.54
	48	77.80	35.21	98.10	44.50	120.1	55.94	129.3	61.31	139.7	67.79	148.5	73.78	150.9	75.47
	50	77.80	37.61	98.10	47.48	120.1	59.71	129.3	65.47	137.1	70.74	137.0	70.65	137.0	70.64
	52	77.80	40.16	98.10	50.66	120.1	63.75	122.0	64.25	122.4	63.47	122.8	62.76	123.0	62.28
60	10	66.60	6.99	84.10	9.64	102.9	12.09	110.8	12.72	119.7	13.53	127.3	14.30	133.3	14.98
	12	66.60	10.00	84.10	11.40	102.9	12.88	110.8	13.65	119.7	14.61	127.3	15.52	133.3	16.30
	14	66.60	10.44	84.10	12.02	102.9	13.81	110.8	14.70	119.7	15.83	127.3	16.89	133.3	17.79
	16	66.60	10.95	84.10	12.74	102.9	14.85	110.8	15.90	119.7	17.19	127.3	18.43	133.3	19.45
	18	66.60	11.55	84.10	13.57	102.9	16.03	110.8	17.24	119.7	18.73	127.3	20.14	133.3	21.31
	20	66.60	12.22	84.10	14.51	102.9	17.36	110.8	18.76	119.7	20.46	127.3	22.05	133.3	23.38
	21	66.60	12.59	84.10	15.04	102.9	18.09	110.8	19.57	119.7	21.39	127.3	23.08	133.3	24.50
	23	66.60	13.42	84.10	16.18	102.9	19.68	110.8	21.36	119.7	23.42	127.3	25.33	133.3	26.90
	25	66.60	14.36	84.10	17.49	102.9	21.46	110.8	23.35	119.7	25.67	127.3	27.79	133.3	29.56
	27	66.60	15.44	84.10	18.96	102.9	23.44	110.8	25.58	119.7	28.16	127.3	30.51	133.3	32.35
	29	66.60	16.65	84.10	20.62	102.9	25.52	110.8	27.70	119.7	30.29	127.3	32.63	133.3	34.53
	31	66.60	17.99	84.10	22.09	102.9	27.14	110.8	29.49	119.7	32.27	127.3	34.77	133.3	36.81
	33	66.60	19.04	84.10	23.46	102.9	28.90	110.8	31.41	119.7	34.40	127.3	37.07	133.3	39.25
	35	66.60	20.18	84.10	24.96	102.9	30.79	110.8	33.48	119.7	36.67	127.3	39.53	133.3	41.85
	37	66.60	21.45	84.10	26.57	102.9	32.83	110.8	35.70	119.7	39.10	127.3	42.15	133.3	44.62
	39	66.60	22.82	84.10	28.33	102.9	35.02	110.8	38.08	119.7	41.71	127.3	44.95	133.3	47.59
	41	66.60	24.33	84.10	30.21	102.9	37.36	110.8	40.63	119.7	44.49	127.3	47.94	133.3	50.75
	43	66.60	25.96	84.10	32.24	102.9	39.86	110.8	43.33	119.7	47.44	127.3	51.14	133.3	54.14
	46	66.60	28.66	84.10	35.58	102.9	43.93	110.8	47.73	119.7	52.26	127.3	56.34	133.3	59.68
	48	66.60	30.64	84.10	37.99	102.9	46.86	110.8	50.92	119.7	55.76	127.3	60.13	133.3	63.72
	50	66.60	32.74	84.10	40.56	102.9	50.00	110.8	54.33	119.7	59.51	127.3	64.22	133.3	68.10
	52	66.60	35.02	84.10	43.30	102.9	53.34	110.8	57.98	119.7	63.54	122.0	64.31	122.2	63.75
50	10	55.50	5.45	70.10	7.53	85.80	9.91	92.40	11.03	99.80	11.85	106.2	12.33	111.1	12.74
	12	55.50	8.23	70.10	10.33	85.80	11.52	92.40	12.00	99.80	12.61	106.2	13.19	111.1	13.67
	14	55.50	9.30	70.10	10.81	85.80	12.16	92.40	12.74	99.80	13.48	106.2	14.16	111.1	14.73
	16	55.50	9.71	70.10	11.35	85.80	12.90	92.40	13.61	99.80	14.46	106.2	15.26	111.1	15.93
	18	55.50	10.18	70.10	11.98	85.80	13.76	92.40	14.58	99.80	15.58	106.2	16.51	111.1	17.28
	20	55.50	10.71	70.10	12.70	85.80	14.74	92.40	15.69	99.80	16.85	106.2	17.90	111.1	18.80
	21	55.50	11.01	70.10	13.08	85.80	15.28	92.40	16.29	99.80	17.54	106.2	18.67	111.1	19.63
	23	55.50	11.67	70.10	13.97	85.80	16.47	92.40	17.64	99.80	19.04	106.2	20.34	111.1	21.42
	25	55.50	12.43	70.10	14.97	85.80	17.80	92.40	19.14	99.80	20.75	106.2	22.20	111.1	23.41
	27	55.50	13.28	70.10	16.12	85.80	19.33	92.40	20.82	99.80	22.64	106.2	24.28	111.1	25.63
	29	55.50	14.26	70.10	17.42	85.80	21.02	92.40	22.72	99.80	24.68	106.2	26.39	111.1	27.75
	31	55.50	15.35	70.10	18.80	85.80	22.51	92.40	24.23	99.80	26.26	106.2	28.08	111.1	29.55
	33	55.50	16.30	70.10	19.89	85.80	23.91	92.40	25.77	99.80	27.94	106.2	29.90	111.1	31.49
	35	55.50	17.24	70.10	21.09	85.80	25.44	92.40	27.43	99.80	29.77	106.2	31.86	111.1	33.57
	37	55.50	18.27	70.10	22.42	85.80	27.09	92.40	29.23	99.80	31.74	106.2	33.97	111.1	35.79
	39	55.50	19.41	70.10	23.87	85.80	28.89	92.40	31.17	99.80	33.85	106.2	36.23	111.1	38.18
	41	55.50	20.68	70.10	25.44	85.80	30.81	92.40	33.24	99.80	36.11	106.2	38.65	111.1	40.72
	43	55.50	22.08	70.10	27.15	85.80	32.88	92.40	35.47	99.80	38.54	106.2	41.24	111.1	43.43
	46	55.50	24.45	70.10	29.97	85.80	36.28	92.40	39.13	99.80	42.46	106.2	45.44	111.1	47.84
	48	55.50	26.20	70.10	32.02	85.80	38.72	92.40	41.75	99.80	45.31	106.2	48.48	111.1	51.04
	50	55.50	28.12	70.10	34.23	85.80	41.35	92.40	44.56	99.80	48.34	106.2	51.72	111.1	54.46
	52	55.50	30.19	70.10	36.59	85.80	44.14	92.40	47.55	99.80	51.58	106.2	55.18	111.1	58.12

30. ARUM660LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

30. ARUM660LTE6

30.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	39.30	3.06	63.00	4.89	89.40	6.97	95.70	7.48	102.0	8.01	108.6	8.59	115.5	9.30
	12	39.30	3.06	63.00	4.90	89.40	7.02	95.70	7.54	102.0	8.07	108.6	8.66	115.5	9.41
	14	39.30	3.08	63.00	4.93	89.40	7.11	95.70	7.64	102.0	8.20	108.6	8.80	115.5	9.60
	16	39.30	3.08	63.00	4.99	89.40	7.25	95.70	7.82	102.0	8.42	108.6	9.09	115.5	10.00
	18	39.30	3.11	63.00	5.10	89.40	7.57	95.70	8.22	102.0	8.91	108.6	9.69	115.5	10.86
	20	39.30	3.21	63.00	5.37	89.40	8.41	95.70	9.25	102.0	10.19	108.6	11.25	115.5	13.15
	21	44.50	3.94	68.00	6.68	94.10	11.26	100.3	12.15	106.5	12.87	112.8	13.60	119.2	14.75
	23	54.90	8.89	78.10	11.11	104.0	14.25	109.8	15.06	115.8	15.95	121.2	16.77	127.0	18.11
	25	65.70	11.07	88.40	13.83	114.1	17.90	119.6	18.90	125.4	19.98	129.8	20.87	134.9	22.43
	27	76.50	14.04	99.00	17.50	124.4	22.71	129.6	23.93	135.0	25.18	138.6	26.02	150.8	29.68
	29	87.80	18.05	109.7	22.20	135.0	28.12	139.9	29.39	145.2	30.77	153.9	33.22	178.4	41.81
	31	99.30	22.77	120.8	27.50	145.8	34.59	150.4	36.01	163.4	40.24	182.1	46.87	205.9	58.04
	33	111.2	28.57	132.1	34.12	156.8	42.56	172.7	48.56	192.2	56.75	210.1	65.12	233.4	79.14
	35	123.4	35.91	143.8	42.36	184.0	59.50	201.3	68.26	220.8	78.88	238.2	87.73	261.0	99.85
	37	123.4	38.32	143.8	45.20	184.0	63.52	201.3	72.95	220.8	84.14	238.2	93.13	245.0	98.42
	39	123.4	40.90	143.8	48.23	184.0	67.85	201.3	78.07	220.8	89.91	229.6	94.72	226.9	95.35
	41	123.4	43.65	143.8	51.46	184.0	72.55	201.3	83.73	212.0	90.51	212.0	90.53	209.5	91.55
	43	123.4	46.58	143.8	54.92	184.0	77.68	195.2	85.41	195.0	85.32	194.9	85.30	192.8	86.62
	46	123.4	51.34	143.8	60.55	171.2	77.28	171.2	77.26	171.1	77.27	171.0	77.16	169.0	78.23
	48	123.4	54.79	143.8	64.67	156.1	72.32	156.1	72.37	156.0	72.35	155.8	72.27	154.0	73.16
	50	123.4	58.47	142.0	67.93	141.7	67.85	141.7	67.89	141.6	67.83	141.6	67.84	139.7	68.57
	52	122.7	62.01	125.0	59.49	126.3	57.51	126.6	57.09	126.8	56.64	127.2	56.28	126.3	56.63
120	10	36.30	2.83	58.20	4.51	82.50	6.42	88.20	6.89	94.10	7.36	100.2	7.86	106.5	8.49
	12	36.30	2.83	58.20	4.52	82.50	6.46	88.20	6.93	94.10	7.40	100.2	7.93	106.5	8.57
	14	36.30	2.84	58.20	4.54	82.50	6.52	88.20	7.01	94.10	7.51	100.2	8.04	106.5	8.73
	16	36.30	2.85	58.20	4.58	82.50	6.64	88.20	7.16	94.10	7.67	100.2	8.25	106.5	9.03
	18	36.30	2.88	58.20	4.67	82.50	6.89	88.20	7.46	94.10	8.06	100.2	8.72	106.5	9.71
	20	36.30	2.94	58.20	4.88	82.50	7.53	88.20	8.27	94.10	9.04	100.2	9.92	106.5	11.55
	21	41.00	3.56	62.70	5.95	86.90	9.85	92.70	11.00	98.40	11.85	104.0	12.57	110.1	13.58
	23	50.70	8.48	72.00	10.46	96.00	13.20	101.4	13.89	106.9	14.66	111.9	15.36	117.2	16.53
	25	60.60	10.46	81.60	12.90	105.3	16.41	110.4	17.27	115.8	18.19	119.8	18.94	124.5	20.31
	27	70.70	13.12	91.30	16.15	114.8	20.63	119.7	21.66	124.7	22.79	128.0	23.55	139.2	26.81
	29	81.10	16.72	101.2	20.42	124.5	25.58	129.0	26.67	133.9	27.86	142.2	29.98	164.7	37.36
	31	91.70	21.02	111.5	25.14	134.5	31.27	138.9	32.51	150.8	36.15	168.0	41.83	190.1	51.37
	33	102.6	26.17	122.1	31.00	144.9	38.30	159.4	43.48	177.4	50.47	194.0	57.56	215.4	69.89
	35	113.9	32.68	132.8	38.27	169.9	53.02	185.9	60.44	203.8	69.55	219.8	78.35	240.9	90.68
	37	113.9	34.88	132.8	40.84	169.9	56.58	185.9	64.52	203.8	74.36	219.8	83.54	240.9	96.33
	39	113.9	37.22	132.8	43.59	169.9	60.39	185.9	68.93	203.8	79.60	219.8	89.28	227.0	95.39
	41	113.9	39.72	132.8	46.52	169.9	64.48	185.9	73.72	203.8	85.33	212.1	90.52	209.6	91.56
	43	113.9	42.40	132.8	49.63	169.9	68.91	185.9	78.95	195.2	85.41	195.0	85.31	192.7	86.48
	46	113.9	46.76	132.8	54.71	169.9	76.27	171.3	77.28	171.1	77.24	171.0	77.20	169.0	78.24
	48	113.9	49.89	132.8	58.38	156.1	72.35	156.1	72.34	156.1	72.35	156.0	72.30	154.0	73.20
	50	113.9	53.23	132.8	62.32	141.7	67.85	141.8	67.92	142.1	68.11	141.8	67.87	139.9	68.65
	52	113.9	56.82	124.6	60.37	125.8	58.32	126.1	57.93	126.3	57.51	126.4	57.18	126.1	57.73
110	10	33.30	2.58	53.40	4.13	75.60	5.88	80.90	6.29	86.30	6.72	91.80	7.18	97.70	7.72
	12	33.30	2.58	53.40	4.13	75.60	5.90	80.90	6.34	86.30	6.77	91.80	7.22	97.70	7.79
	14	33.30	2.59	53.40	4.16	75.60	5.96	80.90	6.39	86.30	6.85	91.80	7.31	97.70	7.90
	16	33.30	2.61	53.40	4.19	75.60	6.04	80.90	6.50	86.30	6.98	91.80	7.48	97.70	8.13
	18	33.30	2.62	53.40	4.26	75.60	6.23	80.90	6.74	86.30	7.26	91.80	7.82	97.70	8.64

30. ARUM660LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	33.30	2.67	53.40	4.42	75.60	6.73	80.90	7.35	86.30	8.02	91.80	8.74	97.70	10.03
	21	37.60	3.21	57.50	5.28	79.70	8.52	84.90	9.46	90.10	10.50	95.40	11.43	100.9	12.49
	23	46.50	8.10	66.00	9.85	88.00	12.23	93.00	12.82	98.00	13.45	102.6	14.04	107.5	15.06
	25	55.50	9.85	74.80	12.02	96.50	15.02	101.2	15.75	106.1	16.53	109.8	17.17	114.1	18.33
	27	64.80	12.23	83.70	14.88	105.3	18.70	109.7	19.58	114.3	20.52	117.4	21.17	127.6	24.04
	29	74.30	15.43	92.70	18.66	114.2	23.20	118.3	24.13	122.7	25.15	130.3	26.95	150.9	33.25
	31	84.10	19.36	102.3	22.91	123.3	28.19	127.3	29.23	138.3	32.34	154.1	37.18	174.3	45.26
	33	94.10	23.91	111.9	28.05	132.7	34.33	146.1	38.73	162.6	44.67	177.9	50.64	197.4	60.93
	35	104.4	29.64	121.8	34.44	155.7	47.03	170.4	53.28	186.8	60.88	201.6	68.29	220.8	81.00
	37	104.4	31.62	121.8	36.75	155.7	50.18	170.4	56.86	186.8	65.01	201.6	72.99	220.8	86.44
	39	104.4	33.75	121.8	39.23	155.7	53.54	170.4	60.69	186.8	69.45	201.6	78.12	220.8	92.16
	41	104.4	36.03	121.8	41.87	155.7	57.14	170.4	64.81	186.8	74.28	201.6	83.76	209.8	91.60
	43	104.4	38.46	121.8	44.69	155.7	61.00	170.4	69.26	186.8	79.57	195.2	85.43	193.0	86.65
	46	104.4	42.42	121.8	49.25	155.7	67.34	170.4	76.68	171.3	77.30	171.1	77.19	168.9	78.20
	48	104.4	45.28	121.8	52.56	155.6	71.93	156.1	72.33	156.1	72.37	156.0	72.31	154.1	73.19
	50	104.4	48.32	121.8	56.07	141.9	67.91	141.8	67.86	141.8	67.96	141.7	67.86	140.0	68.66
	52	104.4	51.57	121.8	59.83	125.3	59.34	125.4	58.93	125.7	58.49	125.6	58.03	125.7	58.26
100	10	30.30	2.35	48.50	3.75	68.70	5.33	73.50	5.72	78.40	6.10	83.50	6.51	88.80	6.99
	12	30.30	2.35	48.50	3.75	68.70	5.35	73.50	5.75	78.40	6.13	83.50	6.54	88.80	7.05
	14	30.30	2.35	48.50	3.77	68.70	5.40	73.50	5.78	78.40	6.19	83.50	6.60	88.80	7.13
	16	30.30	2.36	48.50	3.79	68.70	5.46	73.50	5.87	78.40	6.29	83.50	6.73	88.80	7.30
	18	30.30	2.38	48.50	3.85	68.70	5.60	73.50	6.05	78.40	6.50	83.50	6.99	88.80	7.67
	20	30.30	2.42	48.50	3.97	68.70	5.97	73.50	6.50	78.40	7.05	83.50	7.66	88.80	8.69
	21	34.20	2.87	52.30	4.66	72.40	7.34	77.20	8.10	81.90	8.93	86.70	9.82	91.80	11.44
	23	42.30	7.70	60.00	9.24	80.00	11.32	84.50	11.83	89.10	12.36	93.20	12.86	97.70	13.70
	25	50.50	9.27	68.00	11.16	87.70	13.74	92.10	14.35	96.40	15.01	99.90	15.53	103.7	16.53
	27	58.80	11.37	76.20	13.68	95.70	16.91	99.70	17.65	103.9	18.45	106.7	18.98	116.0	21.38
	29	67.60	14.20	84.40	16.99	103.7	20.95	107.6	21.75	111.6	22.63	118.5	24.15	137.2	29.45
	31	76.50	17.77	93.00	20.80	112.2	25.30	115.7	26.18	125.7	28.81	140.0	32.88	158.4	39.65
	33	85.50	21.77	101.7	25.30	120.7	30.61	132.8	34.33	147.9	39.33	161.7	44.32	179.5	52.87
	35	94.90	26.76	110.6	30.85	141.6	41.49	154.8	46.73	169.9	53.03	183.2	59.11	200.7	69.98
	37	94.90	28.55	110.6	32.92	141.6	44.27	154.8	49.86	169.9	56.59	183.2	63.10	200.7	74.83
	39	94.90	30.47	110.6	35.13	141.6	47.25	154.8	53.20	169.9	60.40	183.2	67.40	200.7	80.12
	41	94.90	32.53	110.6	37.50	141.6	50.40	154.8	56.78	169.9	64.50	183.2	72.06	200.7	85.77
	43	94.90	34.74	110.6	40.05	141.6	53.79	154.8	60.61	169.9	68.93	183.2	77.14	193.0	86.60
	46	94.90	38.33	110.6	44.16	141.6	59.30	154.8	66.89	169.9	76.30	171.2	77.26	169.1	78.25
	48	94.90	40.93	110.6	47.13	141.6	63.32	154.8	71.53	156.1	72.35	156.1	72.34	154.0	73.18
	50	94.90	43.70	110.6	50.28	141.3	67.45	141.9	67.93	141.8	67.87	141.9	67.99	139.7	68.59
	52	94.90	46.65	110.6	53.65	124.4	60.39	124.9	59.78	125.4	59.17	125.7	58.54	125.4	58.77
90	10	27.30	2.12	43.70	3.37	61.80	4.78	66.30	5.14	70.60	5.48	75.10	5.83	79.90	6.28
	12	27.30	2.12	43.70	3.38	61.80	4.81	66.30	5.15	70.60	5.50	75.10	5.87	79.90	6.31
	14	27.30	2.12	43.70	3.38	61.80	4.84	66.30	5.19	70.60	5.55	75.10	5.92	79.90	6.37
	16	27.30	2.12	43.70	3.41	61.80	4.88	66.30	5.25	70.60	5.61	75.10	6.01	79.90	6.50
	18	27.30	2.14	43.70	3.44	61.80	4.99	66.30	5.37	70.60	5.77	75.10	6.20	79.90	6.77
	20	27.30	2.17	43.70	3.53	61.80	5.24	66.30	5.70	70.60	6.16	75.10	6.68	79.90	7.50
	21	30.80	2.54	47.10	4.07	65.20	6.28	69.40	6.88	73.70	7.55	78.00	8.24	82.50	9.85
	23	38.00	7.32	54.10	8.66	72.00	10.45	76.00	10.89	80.20	11.35	83.90	11.76	87.90	12.48
	25	45.40	8.71	61.10	10.34	78.90	12.55	82.80	13.07	86.80	13.61	89.90	14.05	93.40	14.88
	27	53.10	10.55	68.40	12.52	86.10	15.27	89.70	15.89	93.50	16.54	96.00	16.98	104.4	18.98
	29	60.80	13.01	75.90	15.40	93.40	18.79	96.80	19.51	100.4	20.25	106.5	21.54	123.5	25.96
	31	68.70	16.23	83.60	18.85	100.9	22.61	104.1	23.35	113.1	25.53	126.0	28.91	142.5	34.52

30. ARUM660LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	77.00	19.77	91.50	22.71	108.6	27.17	119.5	30.28	133.0	34.41	145.5	38.53	161.7	45.54
	35	85.50	24.08	99.60	27.49	127.4	36.37	139.5	40.70	152.9	45.89	164.8	50.85	180.6	59.64
	37	85.50	25.65	99.60	29.32	127.4	38.81	139.5	43.44	152.9	48.97	164.8	54.27	180.6	63.67
	39	85.50	27.37	99.60	31.30	127.4	41.42	139.5	46.35	152.9	52.26	164.8	57.92	180.6	68.01
	41	85.50	29.22	99.60	33.42	127.4	44.20	139.5	49.46	152.9	55.77	164.8	61.82	180.6	72.73
	43	85.50	31.21	99.60	35.69	127.4	47.18	139.5	52.78	152.9	59.52	164.8	66.04	180.6	77.87
	46	85.50	34.47	99.60	39.39	127.4	51.99	139.5	58.18	152.9	65.69	164.8	73.01	169.2	78.28
	48	85.50	36.83	99.60	42.06	127.4	55.49	139.5	62.12	152.9	70.21	156.2	72.36	154.3	73.29
	50	85.50	39.34	99.60	44.89	127.4	59.21	139.5	66.35	141.8	67.93	141.8	67.87	140.0	68.72
	52	85.50	42.02	99.60	47.92	124.2	61.06	124.5	60.41	125.0	59.72	125.4	59.14	125.0	59.33
80	10	24.20	1.88	38.80	2.99	55.00	4.25	58.80	4.55	62.70	4.86	66.80	5.19	71.00	5.57
	12	24.20	1.88	38.80	3.00	55.00	4.25	58.80	4.57	62.70	4.88	66.80	5.19	71.00	5.60
	14	24.20	1.89	38.80	3.00	55.00	4.28	58.80	4.59	62.70	4.91	66.80	5.23	71.00	5.63
	16	24.20	1.89	38.80	3.01	55.00	4.32	58.80	4.64	62.70	4.96	66.80	5.29	71.00	5.71
	18	24.20	1.89	38.80	3.04	55.00	4.38	58.80	4.71	62.70	5.07	66.80	5.43	71.00	5.90
	20	24.20	1.91	38.80	3.11	55.00	4.57	58.80	4.95	62.70	5.34	66.80	5.76	71.00	6.41
	21	27.40	2.23	41.90	3.53	58.00	5.33	61.70	5.82	65.50	6.33	69.30	6.87	73.40	8.06
	23	33.80	6.96	48.10	8.11	64.00	9.64	67.60	10.00	71.30	10.38	74.60	10.72	78.10	11.34
	25	40.40	8.15	54.40	9.55	70.20	11.43	73.60	11.87	77.10	12.32	79.80	12.68	83.10	13.37
	27	47.10	9.75	60.80	11.44	76.50	13.74	79.80	14.25	83.10	14.79	85.30	15.15	92.70	16.78
	29	54.00	11.88	67.50	13.90	83.10	16.72	86.10	17.32	89.40	17.95	94.70	19.06	109.8	22.76
	31	61.10	14.66	74.30	16.97	89.70	20.12	92.40	20.73	100.6	22.52	112.0	25.27	126.7	29.84
	33	68.40	17.82	81.30	20.31	96.60	23.98	106.2	26.52	118.2	29.90	129.3	33.24	143.6	38.92
	35	75.90	21.57	88.50	24.37	113.2	31.67	124.0	35.20	135.9	39.40	146.5	43.40	160.5	50.44
	37	75.90	22.95	88.50	25.98	113.2	33.79	124.0	37.57	135.9	42.04	146.5	46.30	160.5	53.81
	39	75.90	24.48	88.50	27.73	113.2	36.07	124.0	40.09	135.9	44.86	146.5	49.41	160.5	57.44
	41	75.90	26.13	88.50	29.61	113.2	38.50	124.0	42.78	135.9	47.88	146.5	52.73	160.5	61.31
	43	75.90	27.90	88.50	31.63	113.2	41.10	124.0	45.66	135.9	51.09	146.5	56.26	160.5	65.48
	46	75.90	30.83	88.50	34.92	113.2	45.32	124.0	50.32	135.9	56.32	146.5	62.05	160.5	72.42
	48	75.90	32.95	88.50	37.31	113.2	48.36	124.0	53.70	135.9	60.11	146.5	66.29	154.3	73.28
	50	75.90	35.23	88.50	39.86	113.2	51.60	124.0	57.30	135.9	64.18	141.8	67.92	140.0	68.68
	52	75.90	37.66	88.50	42.57	113.2	55.06	123.2	60.67	124.5	60.51	124.8	59.89	124.6	60.11
70	10	21.20	1.65	33.90	2.62	48.10	3.72	51.50	3.98	54.90	4.25	58.50	4.52	62.10	4.86
	12	21.20	1.65	33.90	2.62	48.10	3.72	51.50	3.99	54.90	4.25	58.50	4.54	62.10	4.87
	14	21.20	1.65	33.90	2.62	48.10	3.74	51.50	4.01	54.90	4.28	58.50	4.56	62.10	4.91
	16	21.20	1.65	33.90	2.63	48.10	3.76	51.50	4.02	54.90	4.31	58.50	4.61	62.10	4.96
	18	21.20	1.66	33.90	2.65	48.10	3.82	51.50	4.09	54.90	4.38	58.50	4.68	62.10	5.09
	20	21.20	1.67	33.90	2.70	48.10	3.93	51.50	4.24	54.90	4.56	58.50	4.91	62.10	5.41
	21	24.00	1.93	36.60	3.03	50.70	4.47	54.00	4.85	57.40	5.26	60.70	5.67	64.20	6.52
	23	29.70	5.83	42.00	7.58	56.10	8.85	59.10	9.16	62.40	9.47	65.20	9.76	68.40	10.27
	25	35.30	7.62	47.60	8.79	61.40	10.35	64.40	10.72	67.50	11.09	69.90	11.39	72.60	11.97
	27	41.20	8.99	53.20	10.40	67.00	12.30	69.80	12.73	72.60	13.17	74.70	13.46	81.20	14.79
	29	47.30	10.78	59.10	12.46	72.60	14.80	75.30	15.28	78.10	15.80	82.80	16.69	96.00	19.79
	31	53.50	13.15	65.00	15.14	78.50	17.81	80.90	18.31	88.00	19.75	98.10	21.95	110.9	25.60
	33	59.90	15.89	71.20	18.04	84.50	21.04	93.00	23.08	103.5	25.78	113.1	28.43	125.7	32.95
	35	66.40	19.17	77.50	21.49	99.00	27.34	108.5	30.16	118.8	33.51	128.2	36.66	140.5	42.22
	37	66.40	20.38	77.50	22.87	99.00	29.17	108.5	32.18	118.8	35.76	128.2	39.13	140.5	45.05
	39	66.40	21.72	77.50	24.40	99.00	31.14	108.5	34.36	118.8	38.16	128.2	41.76	140.5	48.06
	41	66.40	23.20	77.50	26.05	99.00	33.25	108.5	36.68	118.8	40.74	128.2	44.56	140.5	51.29
	43	66.40	24.79	77.50	27.83	99.00	35.50	108.5	39.16	118.8	43.48	128.2	47.55	140.5	54.73
	46	66.40	27.39	77.50	30.75	99.00	39.18	108.5	43.19	118.8	47.93	128.2	52.41	140.5	60.36

30. ARUM660LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	66.40	29.31	77.50	32.87	99.00	41.83	108.5	46.09	118.8	51.14	128.2	55.93	140.5	64.47
	50	66.40	31.35	77.50	35.15	99.00	44.66	108.5	49.19	118.8	54.57	128.2	59.70	139.8	68.50
	52	66.40	33.55	77.50	37.57	99.00	47.66	108.5	52.49	118.8	58.24	124.4	60.95	124.0	61.15
60	10	18.20	1.42	29.10	2.24	41.20	3.18	44.10	3.41	47.10	3.64	50.10	3.87	53.30	4.16
	12	18.20	1.42	29.10	2.24	41.20	3.19	44.10	3.41	47.10	3.64	50.10	3.87	53.30	4.17
	14	18.20	1.41	29.10	2.24	41.20	3.19	44.10	3.42	47.10	3.65	50.10	3.90	53.30	4.18
	16	18.20	1.41	29.10	2.25	41.20	3.21	44.10	3.44	47.10	3.67	50.10	3.92	53.30	4.22
	18	18.20	1.41	29.10	2.27	41.20	3.23	44.10	3.48	47.10	3.72	50.10	3.97	53.30	4.30
	20	18.20	1.42	29.10	2.29	41.20	3.32	44.10	3.57	47.10	3.83	50.10	4.11	53.30	4.50
	21	20.50	1.64	31.40	2.54	43.50	3.70	46.20	3.99	49.20	4.30	52.00	4.63	55.00	5.21
	23	25.30	4.13	36.00	6.17	48.00	8.10	50.70	8.36	53.40	8.60	55.80	8.84	58.60	9.26
	25	31.00	7.21	40.80	8.08	52.60	9.36	55.20	9.64	57.80	9.94	60.00	10.19	62.30	10.65
	27	35.40	8.26	45.60	9.39	57.40	10.96	59.80	11.29	62.40	11.65	64.00	11.88	69.60	12.96
	29	40.50	9.75	50.60	11.11	62.30	13.01	64.60	13.39	66.90	13.79	71.00	14.52	82.20	16.96
	31	45.90	11.70	55.80	13.32	67.30	15.57	69.30	16.00	75.30	17.19	84.10	18.93	95.10	21.78
	33	51.30	14.05	61.00	15.80	72.30	18.31	79.70	19.95	88.80	22.03	97.00	24.10	107.7	27.59
	35	57.00	16.77	66.30	18.74	84.90	23.41	93.00	25.59	102.0	28.18	109.9	30.61	120.4	34.89
	37	57.00	17.79	66.30	19.93	84.90	24.94	93.00	27.30	102.0	30.07	109.9	32.66	120.4	37.23
	39	57.00	18.91	66.30	21.23	84.90	26.61	93.00	29.13	102.0	32.10	109.9	34.87	120.4	39.74
	41	57.00	20.15	66.30	22.67	84.90	28.42	93.00	31.11	102.0	34.27	109.9	37.23	120.4	42.41
	43	57.00	21.52	66.30	24.25	84.90	30.35	93.00	33.23	102.0	36.59	109.9	39.74	120.4	45.26
	46	57.00	23.84	66.30	26.84	84.90	33.54	93.00	36.69	102.0	40.38	109.9	43.83	120.4	49.88
	48	57.00	25.59	66.30	28.72	84.90	35.83	93.00	39.19	102.0	43.09	109.9	46.77	120.4	53.23
	50	57.00	27.48	66.30	30.74	84.90	38.29	93.00	41.85	102.0	46.01	109.9	49.91	120.4	56.81
	52	57.00	29.51	66.30	32.89	84.90	40.91	93.00	44.67	102.0	49.09	109.9	53.25	120.4	60.64
50	10	15.10	1.30	24.30	1.87	34.40	2.65	36.80	2.84	39.30	3.03	41.80	3.22	44.40	3.46
	12	15.10	1.30	24.30	1.87	34.40	2.65	36.80	2.84	39.30	3.03	41.80	3.23	44.40	3.46
	14	15.10	1.30	24.30	1.88	34.40	2.65	36.80	2.85	39.30	3.03	41.80	3.23	44.40	3.47
	16	15.10	1.30	24.30	1.87	34.40	2.67	36.80	2.85	39.30	3.05	41.80	3.26	44.40	3.49
	18	15.10	1.30	24.30	1.89	34.40	2.68	36.80	2.88	39.30	3.08	41.80	3.29	44.40	3.55
	20	15.10	1.32	24.30	1.90	34.40	2.73	36.80	2.93	39.30	3.14	41.80	3.36	44.40	3.65
	21	17.10	1.35	26.10	2.09	36.30	2.99	38.60	3.22	41.00	3.44	43.30	3.68	45.90	4.09
	23	21.10	2.85	30.00	4.21	39.90	7.30	42.30	7.59	44.50	7.80	46.50	7.98	48.90	8.30
	25	29.60	7.22	34.00	7.39	43.90	8.41	45.90	8.63	48.20	8.86	49.90	9.06	51.90	9.42
	27	29.80	7.60	38.00	8.45	47.80	9.68	49.80	9.95	51.90	10.22	53.40	10.40	58.00	11.25
	29	33.80	8.75	42.20	9.83	51.90	11.31	53.80	11.62	55.80	11.93	59.10	12.49	68.60	14.38
	31	38.20	10.32	46.50	11.60	56.10	13.38	57.80	13.72	62.70	14.70	70.00	16.13	79.20	18.36
	33	42.80	12.28	50.80	13.67	60.30	15.66	66.30	16.97	73.90	18.65	80.80	20.20	89.70	22.81
	35	47.50	14.47	55.30	16.02	70.70	19.82	77.50	21.49	84.90	23.41	91.60	25.21	100.3	28.38
	37	47.50	15.29	55.30	16.98	70.70	21.11	77.50	22.88	84.90	24.96	91.60	26.89	100.3	30.29
	39	47.50	16.20	55.30	18.04	70.70	22.51	77.50	24.40	84.90	26.63	91.60	28.69	100.3	32.33
	41	47.50	17.20	55.30	19.21	70.70	24.01	77.50	26.05	84.90	28.43	91.60	30.64	100.3	34.51
	43	47.50	18.30	55.30	20.50	70.70	25.65	77.50	27.83	84.90	30.37	91.60	32.72	100.3	36.84
	46	47.50	20.18	55.30	22.68	70.70	28.35	77.50	30.76	84.90	33.54	91.60	36.13	100.3	40.65
	48	47.50	21.59	55.30	24.33	70.70	30.33	77.50	32.87	84.90	35.84	91.60	38.59	100.3	43.40
	50	47.50	23.14	55.30	26.13	70.70	32.45	77.50	35.15	84.90	38.30	91.60	41.22	100.3	46.32
	52	47.50	24.84	55.30	28.12	70.70	34.71	77.50	37.58	84.90	40.92	91.60	44.02	100.3	49.44

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

30. ARUM660LTE6

30.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	118.2	56.40	117.3	56.88	116.3	57.36	115.9	57.59	115.5	57.83	114.6	58.30
	-24.8	-25	137.7	59.24	136.7	59.78	135.6	60.31	135.2	60.57	134.7	60.84	133.7	61.36
	-21.8	-22	149.8	60.87	148.8	61.45	147.8	62.01	147.2	62.29	146.7	62.56	145.6	63.11
	-19.8	-20	158.5	61.97	157.4	62.56	156.2	63.14	155.6	63.43	155.1	63.73	154.0	64.29
	-18.8	-19	162.9	62.51	161.6	63.12	160.5	63.72	159.9	64.01	159.3	64.31	158.3	64.88
	-16.7	-17	171.9	63.63	170.8	64.24	169.6	64.87	168.9	65.18	168.4	65.47	167.2	66.07
	-15	-15.9	177.5	64.27	176.2	64.91	175.0	65.54	174.4	65.84	173.7	66.15	172.6	66.75
	-13.7	-15	182.5	64.85	181.3	65.51	180.1	66.15	179.5	66.47	178.9	66.79	177.8	67.41
	-11.8	-13	191.8	65.90	190.4	66.57	189.1	67.23	188.4	67.56	187.8	67.88	186.5	68.52
	-9.8	-11	202.2	67.04	200.7	67.73	199.3	68.41	198.7	68.74	197.9	69.07	196.6	69.71
	-9.5	-10	207.1	67.57	205.7	68.27	204.3	68.96	203.6	69.29	202.8	69.64	201.4	70.29
	-8.5	-9.1	212.2	68.10	210.5	68.80	209.1	69.50	208.4	69.84	207.7	70.18	206.2	70.85
	-7	-7.6	220.5	68.97	219.0	69.70	217.5	70.41	216.7	70.75	215.8	71.10	214.4	71.78
	-5	-5.6	232.3	70.15	230.6	70.90	228.9	71.63	228.2	71.98	227.3	72.35	225.6	73.05
	-3	-3.7	243.8	71.29	242.1	72.07	240.4	72.82	239.5	73.18	238.7	73.56	233.8	72.78
	0	-0.7	262.8	73.14	261.0	73.93	259.1	74.71	255.9	74.13	252.8	73.52	236.5	68.09
	3	2.2	282.0	74.93	278.5	75.20	270.3	73.36	261.8	70.70	253.3	68.06	236.5	62.89
	5	4.1	293.9	75.75	287.1	74.70	270.3	69.58	261.8	67.09	253.3	64.61	236.5	59.74
	7	6	302.9	75.28	287.1	70.79	270.3	65.98	261.8	63.61	253.3	61.26	236.5	56.66
	9	7.9	304.0	71.54	287.1	66.91	270.3	62.39	261.8	60.16	253.3	57.97	236.5	53.64
	11	9.8	304.0	67.53	287.1	63.20	270.3	58.96	261.8	56.87	253.3	54.83	236.5	50.78
	13	11.8	304.0	63.49	287.1	59.46	270.3	55.52	261.8	53.57	253.3	51.66	236.5	47.89
	15	13.7	304.0	59.84	287.1	56.09	270.3	52.40	261.8	50.59	253.3	48.79	236.5	45.26
120	-30	-30.2	117.6	56.65	116.7	57.13	115.9	57.60	115.5	57.83	115.1	58.07	114.3	58.53
	-24.8	-25	137.0	59.57	136.1	60.10	135.0	60.64	134.6	60.90	134.1	61.15	133.1	61.66
	-21.8	-22	149.2	61.27	148.1	61.83	147.0	62.38	146.5	62.66	145.9	62.93	145.0	63.47
	-19.8	-20	157.6	62.40	156.5	62.99	155.4	63.56	154.8	63.85	154.3	64.12	153.2	64.68
	-18.8	-19	162.0	62.97	160.8	63.56	159.6	64.15	159.1	64.45	158.6	64.73	157.4	65.29
	-16.7	-17	171.0	64.12	169.9	64.73	168.6	65.35	168.0	65.64	167.5	65.93	166.3	66.52
	-15	-15.9	176.4	64.79	175.3	65.42	174.0	66.04	173.3	66.34	172.7	66.64	171.6	67.24
	-13.7	-15	181.5	65.41	180.2	66.06	179.1	66.69	178.5	67.01	177.8	67.30	176.7	67.92
	-11.8	-13	190.7	66.50	189.3	67.17	188.0	67.81	187.3	68.12	186.7	68.44	185.4	69.06
	-9.8	-11	200.9	67.69	199.3	68.37	198.0	69.03	197.3	69.35	196.6	69.68	195.3	70.32
	-9.5	-10	205.7	68.25	204.4	68.94	202.9	69.61	202.1	69.94	201.5	70.27	200.1	70.91
	-8.5	-9.1	210.7	68.81	209.1	69.50	207.6	70.17	206.9	70.51	206.3	70.85	204.9	71.50
	-7	-7.6	218.9	69.72	217.4	70.43	215.8	71.13	215.1	71.47	214.4	71.81	211.6	71.89
	-5	-5.6	230.3	70.97	228.7	71.71	227.1	72.42	226.4	72.77	225.2	72.92	218.3	71.09
	-3	-3.7	241.8	72.19	240.1	72.94	238.4	73.67	235.7	73.19	232.9	72.57	218.3	67.47
	0	-0.7	260.4	74.15	257.3	74.34	249.4	72.45	241.7	69.83	233.9	67.24	218.3	62.15
	3	2.2	276.1	74.75	265.0	71.72	249.4	66.87	241.7	64.47	233.9	62.11	218.3	57.47
	5	4.1	280.5	72.72	265.0	68.04	249.4	63.48	241.7	61.23	233.9	59.00	218.3	54.63
	7	6	280.5	68.93	265.0	64.52	249.4	60.19	241.7	58.07	233.9	55.97	218.3	51.84
	9	7.9	280.5	65.16	265.0	61.02	249.4	56.97	241.7	54.97	233.9	53.00	218.3	49.11
	11	9.8	280.5	61.55	265.0	57.68	249.4	53.87	241.7	52.00	233.9	50.16	218.3	46.52
	13	11.8	280.5	57.94	265.0	54.33	249.4	50.78	241.7	49.04	233.9	47.32	218.3	43.91

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	280.5	54.66	265.0	51.29	249.4	47.97	241.7	46.34	233.9	44.72	218.3	41.55
110	-30	-30.2	117.0	56.95	116.3	57.43	115.4	57.89	115.0	58.13	114.6	58.35	113.7	58.81
	-24.8	-25	136.4	59.97	135.3	60.49	134.4	61.01	133.8	61.26	133.4	61.52	132.5	62.01
	-21.8	-22	148.3	61.72	147.2	62.28	146.2	62.83	145.6	63.09	145.1	63.36	144.2	63.89
	-19.8	-20	156.7	62.90	155.6	63.48	154.5	64.04	153.9	64.32	153.5	64.60	152.3	65.14
	-18.8	-19	161.0	63.49	159.8	64.08	158.7	64.65	158.1	64.94	157.6	65.22	156.6	65.77
	-16.7	-17	169.9	64.70	168.7	65.30	167.5	65.90	166.9	66.19	166.3	66.48	165.2	67.04
	-15	-15.9	175.2	65.40	174.1	66.01	172.8	66.62	172.2	66.92	171.7	67.21	170.5	67.79
	-13.7	-15	180.3	66.05	179.0	66.68	177.9	67.31	177.2	67.62	176.6	67.91	175.5	68.51
	-11.8	-13	189.2	67.19	187.8	67.85	186.6	68.47	185.9	68.78	185.4	69.08	184.0	69.69
	-9.8	-11	199.3	68.44	197.8	69.11	196.5	69.76	195.8	70.06	195.1	70.38	193.0	70.63
	-9.5	-10	204.1	69.03	202.7	69.70	201.2	70.36	200.6	70.68	199.9	71.00	196.3	70.51
	-8.5	-9.1	208.9	69.62	207.4	70.30	206.0	70.96	205.2	71.29	204.6	71.60	199.5	70.41
	-7	-7.6	217.0	70.60	215.5	71.28	214.0	71.97	213.0	72.15	210.3	71.52	200.1	67.91
	-5	-5.6	228.2	71.92	226.7	72.64	223.2	72.44	220.5	71.86	214.5	69.64	200.1	64.36
	-3	-3.7	239.5	73.22	236.3	73.27	228.6	71.18	221.5	68.62	214.5	66.09	200.1	61.13
	0	-0.7	254.4	73.78	242.9	70.27	228.6	65.54	221.5	63.22	214.5	60.90	200.1	56.38
	3	2.2	257.2	69.28	242.9	64.87	228.6	60.56	221.5	58.43	214.5	56.33	200.1	52.20
	5	4.1	257.2	65.74	242.9	61.60	228.6	57.53	221.5	55.53	214.5	53.55	200.1	49.66
	7	6	257.2	62.35	242.9	58.43	228.6	54.58	221.5	52.68	214.5	50.81	200.1	47.13
	9	7.9	257.2	58.99	242.9	55.30	228.6	51.70	221.5	49.92	214.5	48.17	200.1	44.69
	11	9.8	257.2	55.77	242.9	52.33	228.6	48.94	221.5	47.27	214.5	45.62	200.1	42.37
	13	11.8	257.2	52.54	242.9	49.32	228.6	46.17	221.5	44.61	214.5	43.07	200.1	40.04
	15	13.7	257.2	49.62	242.9	46.61	228.6	43.66	221.5	42.19	214.5	40.75	200.1	37.91
100	-30	-30.2	116.4	57.31	115.6	57.77	114.8	58.24	114.3	58.46	114.0	58.69	113.1	59.14
	-24.8	-25	135.5	60.44	134.4	60.95	133.5	61.46	133.1	61.70	132.6	61.96	131.7	62.44
	-21.8	-22	147.3	62.26	146.2	62.81	145.3	63.34	144.7	63.60	144.2	63.86	143.3	64.39
	-19.8	-20	155.6	63.49	154.4	64.06	153.4	64.60	152.9	64.88	152.3	65.15	151.2	65.68
	-18.8	-19	159.8	64.11	158.7	64.69	157.5	65.24	157.1	65.53	156.5	65.80	155.4	66.34
	-16.7	-17	168.6	65.38	167.4	65.96	166.3	66.55	165.7	66.84	165.1	67.11	164.0	67.66
	-15	-15.9	173.8	66.12	172.6	66.72	171.4	67.30	170.8	67.59	170.2	67.88	169.1	68.44
	-13.7	-15	178.8	66.81	177.7	67.43	176.6	68.03	176.0	68.33	175.4	68.63	174.3	69.20
	-11.8	-13	187.5	68.00	186.3	68.63	185.0	69.25	184.3	69.55	183.7	69.84	179.8	69.00
	-9.8	-11	197.4	69.33	196.1	69.98	194.8	70.61	193.6	70.72	191.3	70.11	181.8	66.56
	-9.5	-10	202.1	69.96	200.7	70.60	199.3	71.22	196.9	70.61	194.5	70.02	181.8	64.96
	-8.5	-9.1	206.8	70.58	205.4	71.24	202.5	71.11	200.0	70.52	195.0	68.59	181.8	63.43
	-7	-7.6	214.8	71.62	212.8	72.05	207.9	70.95	201.3	68.41	195.0	65.91	181.8	60.98
	-5	-5.6	225.4	72.83	220.3	71.80	207.9	67.22	201.3	64.84	195.0	62.48	181.8	57.84
	-3	-3.7	232.9	72.57	220.8	68.40	207.9	63.82	201.3	61.57	195.0	59.34	181.8	54.97
	0	-0.7	233.9	67.24	220.8	62.99	207.9	58.84	201.3	56.78	195.0	54.77	181.8	50.77
	3	2.2	233.9	62.11	220.8	58.23	207.9	54.44	201.3	52.57	195.0	50.71	181.8	47.05
	5	4.1	233.9	59.00	220.8	55.35	207.9	51.77	201.3	50.00	195.0	48.25	181.8	44.80
	7	6	233.9	55.97	220.8	52.51	207.9	49.13	201.3	47.46	195.0	45.81	181.8	42.55
	9	7.9	233.9	53.00	220.8	49.76	207.9	46.58	201.3	45.02	195.0	43.45	181.8	40.39
	11	9.8	233.9	50.16	220.8	47.13	207.9	44.14	201.3	42.67	195.0	41.21	181.8	38.33
	13	11.8	233.9	47.32	220.8	44.47	207.9	41.69	201.3	40.31	195.0	38.94	181.8	36.26
	15	13.7	233.9	44.73	220.8	42.06	207.9	39.46	201.3	38.17	195.0	36.89	181.8	34.37

30. ARUM660LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	115.7	57.74	114.8	58.20	114.0	58.65	113.7	58.87	113.2	59.09	112.5	59.53
	-24.8	-25	134.4	60.99	133.5	61.50	132.5	61.99	132.1	62.24	131.6	62.48	130.7	62.96
	-21.8	-22	146.1	62.91	145.0	63.43	144.1	63.96	143.5	64.22	143.0	64.46	142.1	64.97
	-19.8	-20	154.1	64.20	153.1	64.74	152.0	65.28	151.5	65.55	151.1	65.81	150.0	66.32
	-18.8	-19	158.4	64.85	157.2	65.42	156.2	65.95	155.6	66.23	155.1	66.49	154.1	67.01
	-16.7	-17	167.1	66.19	165.9	66.76	164.7	67.33	164.1	67.60	163.5	67.87	160.6	67.31
	-15	-15.9	172.1	66.97	170.9	67.55	169.9	68.12	169.3	68.40	168.4	68.53	163.7	67.06
	-13.7	-15	177.1	67.72	176.0	68.32	174.8	68.90	174.1	69.11	171.9	68.49	163.7	65.08
	-11.8	-13	185.6	68.97	184.3	69.57	181.8	69.50	179.6	68.94	175.4	67.24	163.7	62.20
	-9.8	-11	195.2	70.39	192.8	70.44	187.1	68.72	181.2	66.29	175.4	63.88	163.7	59.16
	-9.5	-10	199.8	71.05	195.9	70.36	187.1	67.06	181.2	64.70	175.4	62.35	163.7	57.76
	-8.5	-9.1	203.6	71.29	198.8	70.15	187.1	65.48	181.2	63.18	175.4	60.91	163.7	56.42
	-7	-7.6	208.9	71.16	198.8	67.41	187.1	62.94	181.2	60.74	175.4	58.57	163.7	54.27
	-5	-5.6	210.5	68.18	198.8	63.90	187.1	59.68	181.2	57.61	175.4	55.56	163.7	51.51
	-3	-3.7	210.5	64.73	198.8	60.69	187.1	56.71	181.2	54.75	175.4	52.81	163.7	48.99
	0	-0.7	210.5	59.67	198.8	55.97	187.1	52.35	181.2	50.57	175.4	48.80	163.7	45.32
	3	2.2	210.5	55.20	198.8	51.82	187.1	48.52	181.2	46.89	175.4	45.27	163.7	42.08
	5	4.1	210.5	52.48	198.8	49.30	187.1	46.17	181.2	44.63	175.4	43.11	163.7	40.08
	7	6	210.5	49.80	198.8	46.80	187.1	43.85	181.2	42.40	175.4	40.95	163.7	38.10
	9	7.9	210.5	47.21	198.8	44.39	187.1	41.62	181.2	40.25	175.4	38.89	163.7	36.21
	11	9.8	210.5	44.74	198.8	42.09	187.1	39.48	181.2	38.20	175.4	36.92	163.7	34.39
	13	11.8	210.5	42.24	198.8	39.77	187.1	37.32	181.2	36.13	175.4	34.92	163.7	32.58
	15	13.7	210.5	39.98	198.8	37.66	187.1	35.37	181.2	34.24	175.4	33.13	163.7	30.92
80	-30	-30.2	114.8	58.26	113.9	58.70	113.1	59.15	112.8	59.36	112.4	59.58	111.6	60.01
	-24.8	-25	133.2	61.67	132.2	62.16	131.3	62.64	130.8	62.88	130.4	63.11	129.6	63.59
	-21.8	-22	144.5	63.70	143.5	64.21	142.5	64.71	142.1	64.96	141.6	65.20	140.2	65.33
	-19.8	-20	152.5	65.05	151.4	65.59	150.5	66.12	149.9	66.37	149.2	66.53	145.4	65.28
	-18.8	-19	156.6	65.76	155.6	66.29	154.5	66.83	153.9	67.08	152.0	66.49	145.5	63.72
	-16.7	-17	165.0	67.17	163.9	67.72	161.6	67.57	159.7	67.01	155.9	65.41	145.5	60.60
	-15	-15.9	170.0	68.01	169.0	68.57	165.0	67.53	161.1	65.86	155.9	63.49	145.5	58.79
	-13.7	-15	175.0	68.82	172.4	68.60	166.3	66.26	161.1	63.90	155.9	61.58	145.5	57.02
	-11.8	-13	181.9	69.47	176.7	67.82	166.3	63.32	161.1	61.09	155.9	58.88	145.5	54.53
	-9.8	-11	187.1	68.72	176.7	64.42	166.3	60.21	161.1	58.12	155.9	56.06	145.5	51.98
	-9.5	-10	187.1	67.06	176.7	62.87	166.3	58.77	161.1	56.75	155.9	54.74	145.5	50.79
	-8.5	-9.1	187.1	65.48	176.7	61.41	166.3	57.41	161.1	55.44	155.9	53.47	145.5	49.62
	-7	-7.6	187.1	62.94	176.7	59.04	166.3	55.21	161.1	53.33	155.9	51.46	145.5	47.77
	-5	-5.6	187.1	59.68	176.7	56.02	166.3	52.41	161.1	50.63	155.9	48.86	145.5	45.38
	-3	-3.7	187.1	56.71	176.7	53.25	166.3	49.83	161.1	48.16	155.9	46.50	145.5	43.22
	0	-0.7	187.1	52.35	176.7	49.19	166.3	46.08	161.1	44.56	155.9	43.03	145.5	40.04
	3	2.2	187.1	48.52	176.7	45.62	166.3	42.78	161.1	41.38	155.9	39.97	145.5	37.23
	5	4.1	187.1	46.17	176.7	43.44	166.3	40.75	161.1	39.42	155.9	38.09	145.5	35.49
	7	6	187.1	43.85	176.7	41.27	166.3	38.73	161.1	37.48	155.9	36.23	145.5	33.77
	9	7.9	187.1	41.62	176.7	39.18	166.3	36.80	161.1	35.62	155.9	34.45	145.5	32.14
	11	9.8	187.1	39.48	176.7	37.19	166.3	34.95	161.1	33.84	155.9	32.73	145.5	30.56
	13	11.8	187.1	37.32	176.7	35.20	166.3	33.10	161.1	32.05	155.9	31.03	145.5	28.99
	15	13.7	187.1	35.37	176.7	33.37	166.3	31.40	161.1	30.43	155.9	29.46	145.5	27.54
70	-30	-30.2	113.6	58.93	112.8	59.35	112.0	59.78	111.6	60.00	111.2	60.21	110.6	60.62

30. ARUM660LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	131.5	62.52	130.7	63.00	129.8	63.46	129.3	63.69	129.0	63.91	126.0	62.97
	-21.8	-22	142.6	64.67	141.6	65.16	140.2	65.29	138.4	64.73	136.4	63.95	127.3	59.30
	-19.8	-20	150.5	66.12	148.9	66.32	145.4	65.28	141.0	63.08	136.4	60.85	127.3	56.43
	-18.8	-19	154.4	66.87	151.6	66.31	145.5	63.72	141.0	61.53	136.4	59.36	127.3	55.06
	-16.7	-17	160.7	67.27	154.6	64.80	145.5	60.60	141.0	58.52	136.4	56.46	127.3	52.40
	-15	-15.9	163.7	67.06	154.6	62.90	145.5	58.79	141.0	56.75	136.4	54.73	127.3	50.76
	-13.7	-15	163.7	65.08	154.6	61.01	145.5	57.02	141.0	55.04	136.4	53.09	127.3	49.24
	-11.8	-13	163.7	62.20	154.6	58.33	145.5	54.53	141.0	52.64	136.4	50.79	127.3	47.12
	-9.8	-11	163.7	59.16	154.6	55.55	145.5	51.98	141.0	50.22	136.4	48.47	127.3	44.99
	-9.5	-10	163.7	57.76	154.6	54.25	145.5	50.79	141.0	49.08	136.4	47.38	127.3	44.05
	-8.5	-9.1	163.7	56.42	154.6	53.00	145.5	49.63	141.0	47.96	136.4	46.31	127.3	43.06
	-7	-7.6	163.7	54.27	154.6	50.99	145.5	47.77	141.0	46.18	136.4	44.60	127.3	41.48
	-5	-5.6	163.7	51.51	154.6	48.42	145.5	45.39	141.0	43.89	136.4	42.40	127.3	39.46
	-3	-3.7	163.7	48.99	154.6	46.09	145.5	43.22	141.0	41.80	136.4	40.39	127.3	37.61
	0	-0.7	163.7	45.32	154.6	42.66	145.5	40.04	141.0	38.74	136.4	37.46	127.3	34.91
	3	2.2	163.7	42.08	154.6	39.64	145.5	37.23	141.0	36.04	136.4	34.87	127.3	32.53
	5	4.1	163.7	40.08	154.6	37.77	145.5	35.49	141.0	34.36	136.4	33.24	127.3	31.04
	7	6	163.7	38.10	154.6	35.93	145.5	33.77	141.0	32.72	136.4	31.66	127.3	29.58
	9	7.9	163.7	36.21	154.6	34.16	145.5	32.14	141.0	31.14	136.4	30.15	127.3	28.18
	11	9.8	163.7	34.39	154.6	32.47	145.5	30.56	141.0	29.63	136.4	28.69	127.3	26.84
	13	11.8	163.7	32.58	154.6	30.76	145.5	28.99	141.0	28.11	136.4	27.23	127.3	25.49
	15	13.7	163.7	30.92	154.6	29.23	145.5	27.54	141.0	26.71	136.4	25.90	127.3	24.26
60	-30	-30.2	112.0	59.78	111.3	60.20	110.6	60.61	110.2	60.82	109.7	61.02	107.5	60.22
	-24.8	-25	129.5	63.62	128.0	63.61	124.8	62.45	120.8	60.34	116.9	58.23	109.2	54.07
	-21.8	-22	138.2	64.63	132.6	61.95	124.8	57.99	120.8	56.03	116.9	54.09	109.2	50.25
	-19.8	-20	140.3	62.76	132.6	58.96	124.8	55.19	120.8	53.35	116.9	51.51	109.2	47.87
	-18.8	-19	140.3	61.22	132.6	57.50	124.8	53.86	120.8	52.05	116.9	50.26	109.2	46.72
	-16.7	-17	140.3	58.23	132.6	54.72	124.8	51.26	120.8	49.54	116.9	47.85	109.2	44.50
	-15	-15.9	140.3	56.47	132.6	53.03	124.8	49.65	120.8	47.98	116.9	46.33	109.2	43.05
	-13.7	-15	140.3	54.77	132.6	51.44	124.8	48.17	120.8	46.55	116.9	44.95	109.2	41.79
	-11.8	-13	140.3	52.38	132.6	49.20	124.8	46.08	120.8	44.54	116.9	43.02	109.2	40.00
	-9.8	-11	140.3	49.96	132.6	46.97	124.8	44.00	120.8	42.53	116.9	41.08	109.2	38.21
	-9.5	-10	140.3	48.83	132.6	45.95	124.8	43.11	120.8	41.70	116.9	40.31	109.2	37.55
	-8.5	-9.1	140.3	47.72	132.6	44.91	124.8	42.15	120.8	40.78	116.9	39.42	109.2	36.72
	-7	-7.6	140.3	45.95	132.6	43.26	124.8	40.60	120.8	39.29	116.9	37.99	109.2	35.41
	-5	-5.6	140.3	43.67	132.6	41.14	124.8	38.63	120.8	37.40	116.9	36.16	109.2	33.74
	-3	-3.7	140.3	41.60	132.6	39.19	124.8	36.83	120.8	35.66	116.9	34.49	109.2	32.20
	0	-0.7	140.3	38.55	132.6	36.36	124.8	34.20	120.8	33.12	116.9	32.06	109.2	29.95
	3	2.2	140.3	35.88	132.6	33.86	124.8	31.87	120.8	30.89	116.9	29.91	109.2	27.98
	5	4.1	140.3	34.21	132.6	32.30	124.8	30.42	120.8	29.48	116.9	28.55	109.2	26.72
	7	6	140.3	32.56	132.6	30.77	124.8	28.99	120.8	28.11	116.9	27.23	109.2	25.50
	9	7.9	140.3	31.00	132.6	29.30	124.8	27.63	120.8	26.79	116.9	25.97	109.2	24.34
	11	9.8	140.3	29.49	132.6	27.90	124.8	26.32	120.8	25.54	116.9	24.77	109.2	23.23
	13	11.8	140.3	27.98	132.6	26.48	124.8	25.01	120.8	24.27	116.9	23.54	109.2	22.11
	15	13.7	140.3	26.61	132.6	25.19	124.8	23.81	120.8	23.13	116.9	22.44	109.2	21.08
50	-30	-30.2	109.9	60.93	108.1	60.39	103.9	58.30	100.7	56.35	97.40	54.41	91.00	50.59
	-24.8	-25	116.9	58.23	110.5	54.76	103.9	51.34	100.7	49.64	97.40	47.96	91.00	44.64

30. ARUM660LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	116.9	54.09	110.5	50.89	103.9	47.73	100.7	46.17	97.40	44.62	91.00	41.56
	-19.8	-20	116.9	51.51	110.5	48.47	103.9	45.47	100.7	44.00	97.40	42.54	91.00	39.62
	-18.8	-19	116.9	50.27	110.5	47.31	103.9	44.40	100.7	42.95	97.40	41.53	91.00	38.70
	-16.7	-17	116.9	47.85	110.5	45.06	103.9	42.30	100.7	40.94	97.40	39.58	91.00	36.90
	-15	-15.9	116.9	46.33	110.5	43.59	103.9	40.92	100.7	39.58	97.40	38.26	91.00	35.67
	-13.7	-15	116.9	44.95	110.5	42.30	103.9	39.71	100.7	38.43	97.40	37.15	91.00	34.63
	-11.8	-13	116.9	43.02	110.5	40.50	103.9	38.02	100.7	36.80	97.40	35.58	91.00	33.19
	-9.8	-11	116.9	41.08	110.5	38.69	103.9	36.34	100.7	35.18	97.40	34.01	91.00	31.73
	-9.5	-10	116.9	40.31	110.5	38.01	103.9	35.73	100.7	34.61	97.40	33.50	91.00	31.29
	-8.5	-9.1	116.9	39.42	110.5	37.18	103.9	34.97	100.7	33.87	97.40	32.78	91.00	30.62
	-7	-7.6	116.9	37.99	110.5	35.84	103.9	33.71	100.7	32.67	97.40	31.63	91.00	29.57
	-5	-5.6	116.9	36.16	110.5	34.14	103.9	32.13	100.7	31.14	97.40	30.16	91.00	28.21
	-3	-3.7	116.9	34.49	110.5	32.59	103.9	30.70	100.7	29.75	97.40	28.82	91.00	26.98
	0	-0.7	116.9	32.06	110.5	30.30	103.9	28.56	100.7	27.71	97.40	26.85	91.00	25.16
	3	2.2	116.9	29.91	110.5	28.29	103.9	26.70	100.7	25.92	97.40	25.12	91.00	23.57
	5	4.1	116.9	28.55	110.5	27.03	103.9	25.51	100.7	24.76	97.40	24.02	91.00	22.55
	7	6	116.9	27.23	110.5	25.79	103.9	24.37	100.7	23.65	97.40	22.96	91.00	21.57
	9	7.9	116.9	25.97	110.5	24.61	103.9	23.27	100.7	22.60	97.40	21.94	91.00	20.63
	11	9.8	116.9	24.77	110.5	23.48	103.9	22.21	100.7	21.59	97.40	20.97	91.00	19.73
	13	11.8	116.9	23.54	110.5	22.34	103.9	21.16	100.7	20.56	97.40	19.98	91.00	18.81
	15	13.7	116.9	22.44	110.5	21.31	103.9	20.18	100.7	19.64	97.40	19.09	91.00	17.98

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

30. ARUM660LTE6

30.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	118.2	56.40	117.3	56.88	116.3	57.36	115.9	57.59	115.5	57.83	114.6	58.30
	-24.8	-25	137.7	59.24	136.7	59.78	135.6	60.31	135.2	60.57	134.7	60.84	133.7	61.36
	-21.8	-22	149.8	60.87	148.8	61.45	147.8	62.01	147.2	62.29	146.7	62.56	145.6	63.11
	-19.8	-20	158.5	61.97	157.4	62.56	156.2	63.14	155.6	63.43	155.1	63.73	154.0	64.29
	-18.8	-19	162.9	62.51	161.6	63.12	160.5	63.72	159.9	64.01	159.3	64.31	158.3	64.88
	-16.7	-17	171.9	63.63	170.8	64.24	169.6	64.87	168.9	65.18	168.4	65.47	167.2	66.07
	-15	-15.9	177.5	64.27	176.2	64.91	175.0	65.54	174.4	65.84	173.7	66.15	172.6	66.75
	-13.7	-15	182.5	64.85	181.3	65.51	180.1	66.15	179.5	66.47	178.9	66.79	177.8	67.41
	-11.8	-13	191.8	65.90	190.4	66.57	189.1	67.23	188.4	67.56	187.8	67.88	186.5	68.52
	-9.8	-11	202.2	67.04	200.7	67.73	199.3	68.41	198.7	68.74	197.9	69.07	196.6	69.71
	-9.5	-10	207.1	67.57	205.7	68.27	204.3	68.96	203.6	69.29	202.8	69.64	201.4	70.29
	-8.5	-9.1	212.2	68.10	210.5	68.80	209.1	69.50	208.4	69.84	207.7	70.18	206.2	70.85
	-7	-7.6	220.5	68.97	219.0	69.70	217.5	70.41	216.7	70.75	215.8	71.10	214.4	71.78
	-5	-5.6	232.3	70.15	230.6	70.90	228.9	71.63	228.2	71.98	227.3	72.35	225.6	73.05
	-3	-3.7	243.8	71.29	242.1	72.07	240.4	72.82	239.5	73.18	238.7	73.56	233.8	72.78
	0	-0.7	262.8	73.14	261.0	73.93	259.1	74.71	255.9	74.13	252.8	73.52	236.5	68.09
	3	2.2	282.0	74.93	278.5	75.20	270.3	73.36	261.8	70.70	253.3	68.06	236.5	62.89
	5	4.1	287.7	73.26	270.6	68.21	253.7	63.28	245.1	60.85	236.6	58.45	219.4	53.74
	7	6	271.0	63.19	253.8	58.59	236.6	54.10	228.0	51.88	219.2	49.70	201.9	45.40
	9	7.9	253.8	53.92	236.4	49.79	218.9	45.73	210.2	43.75	201.3	41.78	183.8	37.90
	11	9.8	235.9	45.56	218.4	41.87	200.7	38.25	191.9	36.48	182.9	34.70	165.0	31.23
	13	11.8	217.5	37.96	199.7	34.70	181.8	31.50	172.9	29.92	163.9	28.36	145.7	25.28
	15	13.7	198.3	31.32	180.4	28.46	162.3	25.63	153.2	24.24	144.1	22.87	125.7	20.15
120	-30	-30.2	117.6	56.65	116.7	57.13	115.9	57.60	115.5	57.83	115.1	58.07	114.3	58.53
	-24.8	-25	137.0	59.57	136.1	60.10	135.0	60.64	134.6	60.90	134.1	61.15	133.1	61.66
	-21.8	-22	149.2	61.27	148.1	61.83	147.0	62.38	146.5	62.66	145.9	62.93	145.0	63.47
	-19.8	-20	157.6	62.40	156.5	62.99	155.4	63.56	154.8	63.85	154.3	64.12	153.2	64.68
	-18.8	-19	162.0	62.97	160.8	63.56	159.6	64.15	159.1	64.45	158.6	64.73	157.4	65.29
	-16.7	-17	171.0	64.12	169.9	64.73	168.6	65.35	168.0	65.64	167.5	65.93	166.3	66.52
	-15	-15.9	176.4	64.79	175.3	65.42	174.0	66.04	173.3	66.34	172.7	66.64	171.6	67.24
	-13.7	-15	181.5	65.41	180.2	66.06	179.1	66.69	178.5	67.01	177.8	67.30	176.7	67.92
	-11.8	-13	190.7	66.50	189.3	67.17	188.0	67.81	187.3	68.12	186.7	68.44	185.4	69.06
	-9.8	-11	200.9	67.69	199.3	68.37	198.0	69.03	197.3	69.35	196.6	69.68	195.3	70.32
	-9.5	-10	205.7	68.25	204.4	68.94	202.9	69.61	202.1	69.94	201.5	70.27	200.1	70.91
	-8.5	-9.1	210.7	68.81	209.1	69.50	207.6	70.17	206.9	70.51	206.3	70.85	204.9	71.50
	-7	-7.6	218.9	69.72	217.4	70.43	215.8	71.13	215.1	71.47	214.4	71.81	211.6	71.89
	-5	-5.6	230.3	70.97	228.7	71.71	227.1	72.42	226.4	72.77	225.2	72.92	218.3	71.09
	-3	-3.7	241.8	72.19	240.1	72.94	238.4	73.67	235.7	73.19	232.9	72.57	218.3	67.47
	0	-0.7	260.4	74.15	257.3	74.34	249.4	72.45	241.7	69.83	233.9	67.24	218.3	62.15
	3	2.2	276.1	74.75	265.0	71.72	249.4	66.87	241.7	64.47	233.9	62.11	218.3	57.47
	5	4.1	265.6	66.73	249.9	62.21	234.2	57.78	226.3	55.60	218.4	53.44	202.6	49.20
	7	6	250.2	57.63	234.3	53.50	218.4	49.48	210.4	47.48	202.4	45.53	186.4	41.65
	9	7.9	234.3	49.27	218.1	45.57	202.1	41.93	194.1	40.14	185.9	38.36	169.6	34.86
	11	9.8	217.8	41.74	201.6	38.42	185.3	35.16	177.1	33.56	168.9	31.97	152.4	28.82
	13	11.8	200.7	34.88	184.3	31.93	167.9	29.04	159.6	27.62	151.2	26.21	134.4	23.42

30. ARUM660LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	183.1	28.87	166.5	26.28	149.8	23.73	141.4	22.48	133.0	21.23	115.9	18.77
110	-30	-30.2	117.0	56.95	116.3	57.43	115.4	57.89	115.0	58.13	114.6	58.35	113.7	58.81
	-24.8	-25	136.4	59.97	135.3	60.49	134.4	61.01	133.8	61.26	133.4	61.52	132.5	62.01
	-21.8	-22	148.3	61.72	147.2	62.28	146.2	62.83	145.6	63.09	145.1	63.36	144.2	63.89
	-19.8	-20	156.7	62.90	155.6	63.48	154.5	64.04	153.9	64.32	153.5	64.60	152.3	65.14
	-18.8	-19	161.0	63.49	159.8	64.08	158.7	64.65	158.1	64.94	157.6	65.22	156.6	65.77
	-16.7	-17	169.9	64.70	168.7	65.30	167.5	65.90	166.9	66.19	166.3	66.48	165.2	67.04
	-15	-15.9	175.2	65.40	174.1	66.01	172.8	66.62	172.2	66.92	171.7	67.21	170.5	67.79
	-13.7	-15	180.3	66.05	179.0	66.68	177.9	67.31	177.2	67.62	176.6	67.91	175.5	68.51
	-11.8	-13	189.2	67.19	187.8	67.85	186.6	68.47	185.9	68.78	185.4	69.08	184.0	69.69
	-9.8	-11	199.3	68.44	197.8	69.11	196.5	69.76	195.8	70.06	195.1	70.38	193.0	70.63
	-9.5	-10	204.1	69.03	202.7	69.70	201.2	70.36	200.6	70.68	199.9	71.00	196.3	70.51
	-8.5	-9.1	208.9	69.62	207.4	70.30	206.0	70.96	205.2	71.29	204.6	71.60	199.5	70.41
	-7	-7.6	217.0	70.60	215.5	71.28	214.0	71.97	213.0	72.15	210.3	71.52	200.1	67.91
	-5	-5.6	228.2	71.92	226.7	72.64	223.2	72.44	220.5	71.86	214.5	69.64	200.1	64.36
	-3	-3.7	239.5	73.22	236.3	73.27	228.6	71.18	221.5	68.62	214.5	66.09	200.1	61.13
	0	-0.7	254.4	73.78	242.9	70.27	228.6	65.54	221.5	63.22	214.5	60.90	200.1	56.38
	3	2.2	257.2	69.28	242.9	64.87	228.6	60.56	221.5	58.43	214.5	56.33	200.1	52.20
	5	4.1	243.5	60.39	229.1	56.38	214.6	52.44	207.4	50.50	200.2	48.58	185.7	44.78
	7	6	229.3	52.24	214.8	48.58	200.2	44.98	192.8	43.22	185.5	41.45	170.8	38.00
	9	7.9	214.8	44.76	200.0	41.46	185.3	38.22	177.9	36.62	170.4	35.04	155.4	31.90
	11	9.8	199.6	38.03	184.8	35.06	169.9	32.14	162.3	30.71	154.8	29.29	139.7	26.47
	13	11.8	183.9	31.87	168.9	29.24	153.9	26.66	146.3	25.37	138.6	24.12	123.3	21.60
	15	13.7	167.7	26.47	152.6	24.16	137.3	21.86	129.6	20.74	121.8	19.61	106.2	17.41
100	-30	-30.2	116.4	57.31	115.6	57.77	114.8	58.24	114.3	58.46	114.0	58.69	113.1	59.14
	-24.8	-25	135.5	60.44	134.4	60.95	133.5	61.46	133.1	61.70	132.6	61.96	131.7	62.44
	-21.8	-22	147.3	62.26	146.2	62.81	145.3	63.34	144.7	63.60	144.2	63.86	143.3	64.39
	-19.8	-20	155.6	63.49	154.4	64.06	153.4	64.60	152.9	64.88	152.3	65.15	151.2	65.68
	-18.8	-19	159.8	64.11	158.7	64.69	157.5	65.24	157.1	65.53	156.5	65.80	155.4	66.34
	-16.7	-17	168.6	65.38	167.4	65.96	166.3	66.55	165.7	66.84	165.1	67.11	164.0	67.66
	-15	-15.9	173.8	66.12	172.6	66.72	171.4	67.30	170.8	67.59	170.2	67.88	169.1	68.44
	-13.7	-15	178.8	66.81	177.7	67.43	176.6	68.03	176.0	68.33	175.4	68.63	174.3	69.20
	-11.8	-13	187.5	68.00	186.3	68.63	185.0	69.25	184.3	69.55	183.7	69.84	179.8	69.00
	-9.8	-11	197.4	69.33	196.1	69.98	194.8	70.61	193.6	70.72	191.3	70.11	181.8	66.56
	-9.5	-10	202.1	69.96	200.7	70.60	199.3	71.22	196.9	70.61	194.5	70.02	181.8	64.96
	-8.5	-9.1	206.8	70.58	205.4	71.24	202.5	71.11	200.0	70.52	195.0	68.59	181.8	63.43
	-7	-7.6	214.8	71.62	212.8	72.05	207.9	70.95	201.3	68.41	195.0	65.91	181.8	60.98
	-5	-5.6	225.4	72.83	220.3	71.80	207.9	67.22	201.3	64.84	195.0	62.48	181.8	57.84
	-3	-3.7	232.9	72.57	220.8	68.40	207.9	63.82	201.3	61.57	195.0	59.34	181.8	54.97
	0	-0.7	233.9	67.24	220.8	62.99	207.9	58.84	201.3	56.78	195.0	54.77	181.8	50.77
	3	2.2	233.9	62.11	220.8	58.23	207.9	54.44	201.3	52.57	195.0	50.71	181.8	47.05
	5	4.1	221.4	54.27	208.2	50.73	195.1	47.25	188.6	45.54	182.0	43.83	168.8	40.47
	7	6	208.5	47.01	195.3	43.79	182.0	40.62	175.3	39.05	168.6	37.50	155.4	34.43
	9	7.9	195.3	40.40	181.8	37.48	168.3	34.61	161.7	33.19	154.8	31.79	141.3	29.02
	11	9.8	181.5	34.41	168.0	31.80	154.4	29.21	147.6	27.94	140.7	26.67	127.0	24.17
	13	11.8	167.2	28.94	153.7	26.61	139.9	24.31	133.0	23.17	126.0	22.05	112.1	19.82
	15	13.7	152.5	24.14	138.7	22.07	124.8	20.05	117.9	19.04	110.8	18.04	96.60	16.07

30. ARUM660LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	115.7	57.74	114.8	58.20	114.0	58.65	113.7	58.87	113.2	59.09	112.5	59.53
	-24.8	-25	134.4	60.99	133.5	61.50	132.5	61.99	132.1	62.24	131.6	62.48	130.7	62.96
	-21.8	-22	146.1	62.91	145.0	63.43	144.1	63.96	143.5	64.22	143.0	64.46	142.1	64.97
	-19.8	-20	154.1	64.20	153.1	64.74	152.0	65.28	151.5	65.55	151.1	65.81	150.0	66.32
	-18.8	-19	158.4	64.85	157.2	65.42	156.2	65.95	155.6	66.23	155.1	66.49	154.1	67.01
	-16.7	-17	167.1	66.19	165.9	66.76	164.7	67.33	164.1	67.60	163.5	67.87	160.6	67.31
	-15	-15.9	172.1	66.97	170.9	67.55	169.9	68.12	169.3	68.40	168.4	68.53	163.7	67.06
	-13.7	-15	177.1	67.72	176.0	68.32	174.8	68.90	174.1	69.11	171.9	68.49	163.7	65.08
	-11.8	-13	185.6	68.97	184.3	69.57	181.8	69.50	179.6	68.94	175.4	67.24	163.7	62.20
	-9.8	-11	195.2	70.39	192.8	70.44	187.1	68.72	181.2	66.29	175.4	63.88	163.7	59.16
	-9.5	-10	199.8	71.05	195.9	70.36	187.1	67.06	181.2	64.70	175.4	62.35	163.7	57.76
	-8.5	-9.1	203.6	71.29	198.8	70.15	187.1	65.48	181.2	63.18	175.4	60.91	163.7	56.42
	-7	-7.6	208.9	71.16	198.8	67.41	187.1	62.94	181.2	60.74	175.4	58.57	163.7	54.27
	-5	-5.6	210.5	68.18	198.8	63.90	187.1	59.68	181.2	57.61	175.4	55.56	163.7	51.51
	-3	-3.7	210.5	64.73	198.8	60.69	187.1	56.71	181.2	54.75	175.4	52.81	163.7	48.99
	0	-0.7	210.5	59.67	198.8	55.97	187.1	52.35	181.2	50.57	175.4	48.80	163.7	45.32
	3	2.2	210.5	55.20	198.8	51.82	187.1	48.52	181.2	46.89	175.4	45.27	163.7	42.08
	5	4.1	199.2	48.33	187.5	45.24	175.6	42.21	169.7	40.70	163.8	39.21	151.8	36.26
	7	6	187.6	41.96	175.8	39.14	163.8	36.37	157.8	35.00	151.8	33.64	139.8	30.96
	9	7.9	175.7	36.15	163.7	33.61	151.5	31.09	145.5	29.86	139.5	28.62	127.3	26.18
	11	9.8	163.3	30.90	151.2	28.60	138.9	26.34	132.8	25.23	126.7	24.11	114.3	21.91
	13	11.8	150.5	26.09	138.3	24.05	126.0	22.03	119.7	21.03	113.5	20.04	100.9	18.07
	15	13.7	137.3	21.86	124.8	20.05	112.5	18.27	106.1	17.38	99.70	16.50	86.90	14.76
80	-30	-30.2	114.8	58.26	113.9	58.70	113.1	59.15	112.8	59.36	112.4	59.58	111.6	60.01
	-24.8	-25	133.2	61.67	132.2	62.16	131.3	62.64	130.8	62.88	130.4	63.11	129.6	63.59
	-21.8	-22	144.5	63.70	143.5	64.21	142.5	64.71	142.1	64.96	141.6	65.20	140.2	65.33
	-19.8	-20	152.5	65.05	151.4	65.59	150.5	66.12	149.9	66.37	149.2	66.53	145.4	65.28
	-18.8	-19	156.6	65.76	155.6	66.29	154.5	66.83	153.9	67.08	152.0	66.49	145.5	63.72
	-16.7	-17	165.0	67.17	163.9	67.72	161.6	67.57	159.7	67.01	155.9	65.41	145.5	60.60
	-15	-15.9	170.0	68.01	169.0	68.57	165.0	67.53	161.1	65.86	155.9	63.49	145.5	58.79
	-13.7	-15	175.0	68.82	172.4	68.60	166.3	66.26	161.1	63.90	155.9	61.58	145.5	57.02
	-11.8	-13	181.9	69.47	176.7	67.82	166.3	63.32	161.1	61.09	155.9	58.88	145.5	54.53
	-9.8	-11	187.1	68.72	176.7	64.42	166.3	60.21	161.1	58.12	155.9	56.06	145.5	51.98
	-9.5	-10	187.1	67.06	176.7	62.87	166.3	58.77	161.1	56.75	155.9	54.74	145.5	50.79
	-8.5	-9.1	187.1	65.48	176.7	61.41	166.3	57.41	161.1	55.44	155.9	53.47	145.5	49.62
	-7	-7.6	187.1	62.94	176.7	59.04	166.3	55.21	161.1	53.33	155.9	51.46	145.5	47.77
	-5	-5.6	187.1	59.68	176.7	56.02	166.3	52.41	161.1	50.63	155.9	48.86	145.5	45.38
	-3	-3.7	187.1	56.71	176.7	53.25	166.3	49.83	161.1	48.16	155.9	46.50	145.5	43.22
	0	-0.7	187.1	52.35	176.7	49.19	166.3	46.08	161.1	44.56	155.9	43.03	145.5	40.04
	3	2.2	187.1	48.52	176.7	45.62	166.3	42.78	161.1	41.38	155.9	39.97	145.5	37.23
	5	4.1	177.1	42.58	166.6	39.93	156.1	37.30	150.9	36.01	145.5	34.72	135.0	32.19
	7	6	166.8	37.06	156.2	34.64	145.5	32.25	140.3	31.07	135.0	29.90	124.2	27.58
	9	7.9	156.2	32.03	145.5	29.84	134.7	27.67	129.3	26.60	124.0	25.53	113.1	23.42
	11	9.8	145.2	27.48	134.4	25.51	123.5	23.55	118.1	22.58	112.5	21.62	101.6	19.71
	13	11.8	133.8	23.31	122.9	21.54	111.9	19.79	106.4	18.93	100.9	18.07	89.70	16.37
	15	13.7	122.1	19.64	111.0	18.07	99.90	16.52	94.30	15.75	88.70	14.98	77.30	13.46
70	-30	-30.2	113.6	58.93	112.8	59.35	112.0	59.78	111.6	60.00	111.2	60.21	110.6	60.62

30. ARUM660LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	131.5	62.52	130.7	63.00	129.8	63.46	129.3	63.69	129.0	63.91	126.0	62.97
	-21.8	-22	142.6	64.67	141.6	65.16	140.2	65.29	138.4	64.73	136.4	63.95	127.3	59.30
	-19.8	-20	150.5	66.12	148.9	66.32	145.4	65.28	141.0	63.08	136.4	60.85	127.3	56.43
	-18.8	-19	154.4	66.87	151.6	66.31	145.5	63.72	141.0	61.53	136.4	59.36	127.3	55.06
	-16.7	-17	160.7	67.27	154.6	64.80	145.5	60.60	141.0	58.52	136.4	56.46	127.3	52.40
	-15	-15.9	163.7	67.06	154.6	62.90	145.5	58.79	141.0	56.75	136.4	54.73	127.3	50.76
	-13.7	-15	163.7	65.08	154.6	61.01	145.5	57.02	141.0	55.04	136.4	53.09	127.3	49.24
	-11.8	-13	163.7	62.20	154.6	58.33	145.5	54.53	141.0	52.64	136.4	50.79	127.3	47.12
	-9.8	-11	163.7	59.16	154.6	55.55	145.5	51.98	141.0	50.22	136.4	48.47	127.3	44.99
	-9.5	-10	163.7	57.76	154.6	54.25	145.5	50.79	141.0	49.08	136.4	47.38	127.3	44.05
	-8.5	-9.1	163.7	56.42	154.6	53.00	145.5	49.63	141.0	47.96	136.4	46.31	127.3	43.06
	-7	-7.6	163.7	54.27	154.6	50.99	145.5	47.77	141.0	46.18	136.4	44.60	127.3	41.48
	-5	-5.6	163.7	51.51	154.6	48.42	145.5	45.39	141.0	43.89	136.4	42.40	127.3	39.46
	-3	-3.7	163.7	48.99	154.6	46.09	145.5	43.22	141.0	41.80	136.4	40.39	127.3	37.61
	0	-0.7	163.7	45.32	154.6	42.66	145.5	40.04	141.0	38.74	136.4	37.46	127.3	34.91
	3	2.2	163.7	42.08	154.6	39.64	145.5	37.23	141.0	36.04	136.4	34.87	127.3	32.53
	5	4.1	155.0	37.03	145.8	34.78	136.6	32.56	132.0	31.46	127.4	30.37	118.2	28.21
	7	6	145.9	32.32	136.7	30.28	127.4	28.26	122.7	27.25	118.1	26.26	108.6	24.28
	9	7.9	136.6	28.06	127.3	26.19	117.9	24.35	113.2	23.44	108.5	22.54	99.00	20.74
	11	9.8	127.0	24.17	117.6	22.50	108.1	20.83	103.3	20.01	98.50	19.19	88.80	17.56
	13	11.8	117.1	20.61	107.5	19.11	97.90	17.63	93.10	16.88	88.20	16.15	78.40	14.69
	15	13.7	106.8	17.48	97.10	16.14	87.40	14.82	82.50	14.15	77.60	13.51	67.60	12.21
60	-30	-30.2	112.0	59.78	111.3	60.20	110.6	60.61	110.2	60.82	109.7	61.02	107.5	60.22
	-24.8	-25	129.5	63.62	128.0	63.61	124.8	62.45	120.8	60.34	116.9	58.23	109.2	54.07
	-21.8	-22	138.2	64.63	132.6	61.95	124.8	57.99	120.8	56.03	116.9	54.09	109.2	50.25
	-19.8	-20	140.3	62.76	132.6	58.96	124.8	55.19	120.8	53.35	116.9	51.51	109.2	47.87
	-18.8	-19	140.3	61.22	132.6	57.50	124.8	53.86	120.8	52.05	116.9	50.26	109.2	46.72
	-16.7	-17	140.3	58.23	132.6	54.72	124.8	51.26	120.8	49.54	116.9	47.85	109.2	44.50
	-15	-15.9	140.3	56.47	132.6	53.03	124.8	49.65	120.8	47.98	116.9	46.33	109.2	43.05
	-13.7	-15	140.3	54.77	132.6	51.44	124.8	48.17	120.8	46.55	116.9	44.95	109.2	41.79
	-11.8	-13	140.3	52.38	132.6	49.20	124.8	46.08	120.8	44.54	116.9	43.02	109.2	40.00
	-9.8	-11	140.3	49.96	132.6	46.97	124.8	44.00	120.8	42.53	116.9	41.08	109.2	38.21
	-9.5	-10	140.3	48.83	132.6	45.95	124.8	43.11	120.8	41.70	116.9	40.31	109.2	37.55
	-8.5	-9.1	140.3	47.72	132.6	44.91	124.8	42.15	120.8	40.78	116.9	39.42	109.2	36.72
	-7	-7.6	140.3	45.95	132.6	43.26	124.8	40.60	120.8	39.29	116.9	37.99	109.2	35.41
	-5	-5.6	140.3	43.67	132.6	41.14	124.8	38.63	120.8	37.40	116.9	36.16	109.2	33.74
	-3	-3.7	140.3	41.60	132.6	39.19	124.8	36.83	120.8	35.66	116.9	34.49	109.2	32.20
	0	-0.7	140.3	38.55	132.6	36.36	124.8	34.20	120.8	33.12	116.9	32.06	109.2	29.95
	3	2.2	140.3	35.88	132.6	33.86	124.8	31.87	120.8	30.89	116.9	29.91	109.2	27.98
	5	4.1	132.8	31.65	125.0	29.81	117.1	27.96	113.1	27.05	109.2	26.15	101.3	24.36
	7	6	125.1	27.76	117.2	26.06	109.2	24.38	105.3	23.56	101.2	22.73	93.20	21.10
	9	7.9	117.1	24.20	109.2	22.66	101.0	21.13	97.00	20.37	93.00	19.62	84.80	18.13
	11	9.8	108.9	20.97	100.7	19.58	92.70	18.19	88.50	17.51	84.40	16.83	76.20	15.46
	13	11.8	100.3	18.00	92.10	16.75	83.90	15.50	79.80	14.89	75.60	14.29	67.20	13.05
	15	13.7	91.50	15.38	83.20	14.25	74.90	13.16	70.70	12.61	66.50	12.06	58.00	10.97
50	-30	-30.2	109.9	60.93	108.1	60.39	103.9	58.30	100.7	56.35	97.40	54.41	91.00	50.59
	-24.8	-25	116.9	58.23	110.5	54.76	103.9	51.34	100.7	49.64	97.40	47.96	91.00	44.64

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	116.9	54.09	110.5	50.89	103.9	47.73	100.7	46.17	97.40	44.62	91.00	41.56
	-19.8	-20	116.9	51.51	110.5	48.47	103.9	45.47	100.7	44.00	97.40	42.54	91.00	39.62
	-18.8	-19	116.9	50.27	110.5	47.31	103.9	44.40	100.7	42.95	97.40	41.53	91.00	38.70
	-16.7	-17	116.9	47.85	110.5	45.06	103.9	42.30	100.7	40.94	97.40	39.58	91.00	36.90
	-15	-15.9	116.9	46.33	110.5	43.59	103.9	40.92	100.7	39.58	97.40	38.26	91.00	35.67
	-13.7	-15	116.9	44.95	110.5	42.30	103.9	39.71	100.7	38.43	97.40	37.15	91.00	34.63
	-11.8	-13	116.9	43.02	110.5	40.50	103.9	38.02	100.7	36.80	97.40	35.58	91.00	33.19
	-9.8	-11	116.9	41.08	110.5	38.69	103.9	36.34	100.7	35.18	97.40	34.01	91.00	31.73
	-9.5	-10	116.9	40.31	110.5	38.01	103.9	35.73	100.7	34.61	97.40	33.50	91.00	31.29
	-8.5	-9.1	116.9	39.42	110.5	37.18	103.9	34.97	100.7	33.87	97.40	32.78	91.00	30.62
	-7	-7.6	116.9	37.99	110.5	35.84	103.9	33.71	100.7	32.67	97.40	31.63	91.00	29.57
	-5	-5.6	116.9	36.16	110.5	34.14	103.9	32.13	100.7	31.14	97.40	30.16	91.00	28.21
	-3	-3.7	116.9	34.49	110.5	32.59	103.9	30.70	100.7	29.75	97.40	28.82	91.00	26.98
	0	-0.7	116.9	32.06	110.5	30.30	103.9	28.56	100.7	27.71	97.40	26.85	91.00	25.16
	3	2.2	116.9	29.91	110.5	28.29	103.9	26.70	100.7	25.92	97.40	25.12	91.00	23.57
	5	4.1	110.6	26.50	104.2	25.01	97.60	23.54	94.30	22.81	91.00	22.08	84.40	20.64
	7	6	104.2	23.35	97.60	21.99	91.00	20.65	87.70	19.97	84.40	19.32	77.60	17.98
	9	7.9	97.60	20.48	91.00	19.24	84.20	18.01	80.80	17.40	77.50	16.79	70.70	15.59
	11	9.8	90.70	17.87	84.00	16.74	77.20	15.63	73.80	15.08	70.40	14.52	63.50	13.43
	13	11.8	83.60	15.46	76.80	14.46	69.90	13.45	66.50	12.95	63.00	12.46	56.10	11.47
	15	13.7	76.20	13.34	69.30	12.44	62.40	11.54	58.90	11.09	55.40	10.65	48.30	9.76

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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30.5 Capacity Correction Factor

30.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-100	-	-	-	-	-	-	-	-	-	-	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-90	-	-	-	-	-	-	-	-	-	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-80	-	-	-	-	-	-	-	-	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-70	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-60	-	-	-	-	-	-	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-50	-	-	-	-	-	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0
-40	-	-	-	-	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-30	-	-	-	96.0	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-20	-	-	98.0	96.0	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
50	-	-	-	-	-	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
60	-	-	-	-	-	-	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0
70	-	-	-	-	-	-	-	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
100	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
110	-	-	-	-	-	-	-	-	-	-	-	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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30.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

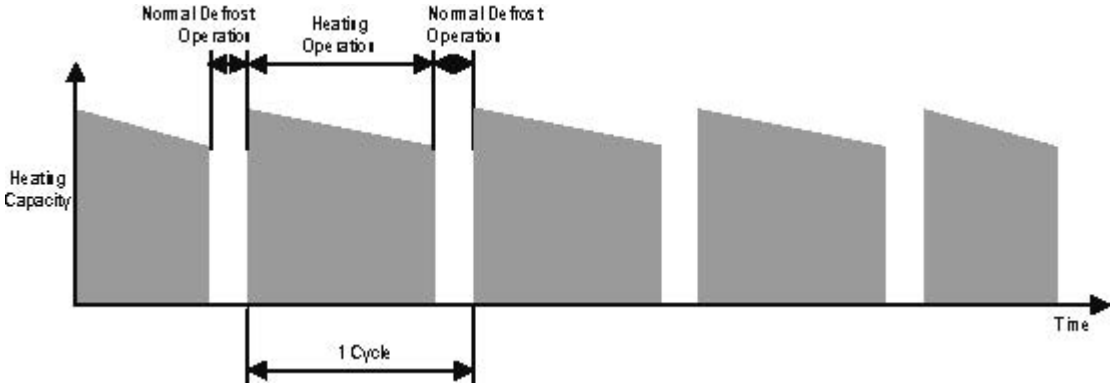
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

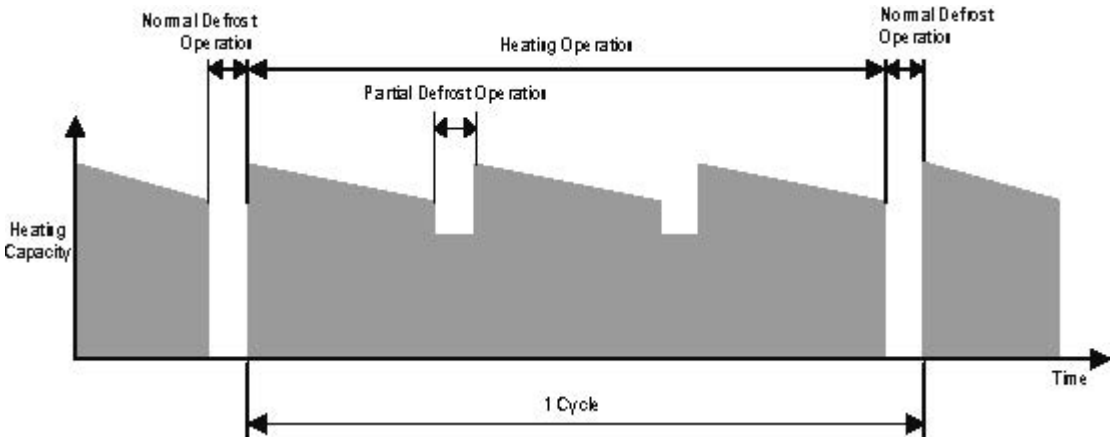
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

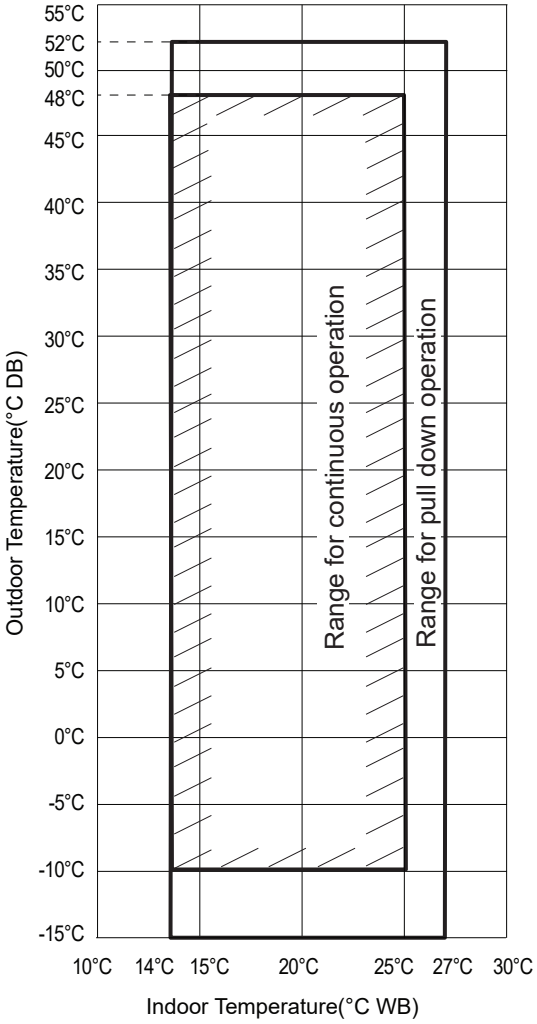


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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30.6 Operation Limits

30.6.1 Cooling

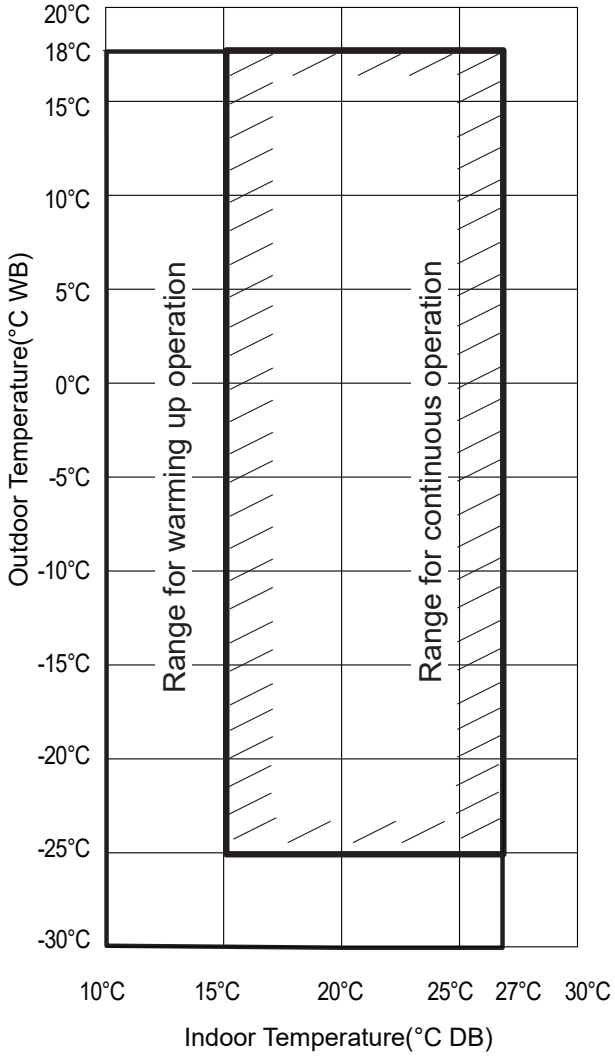


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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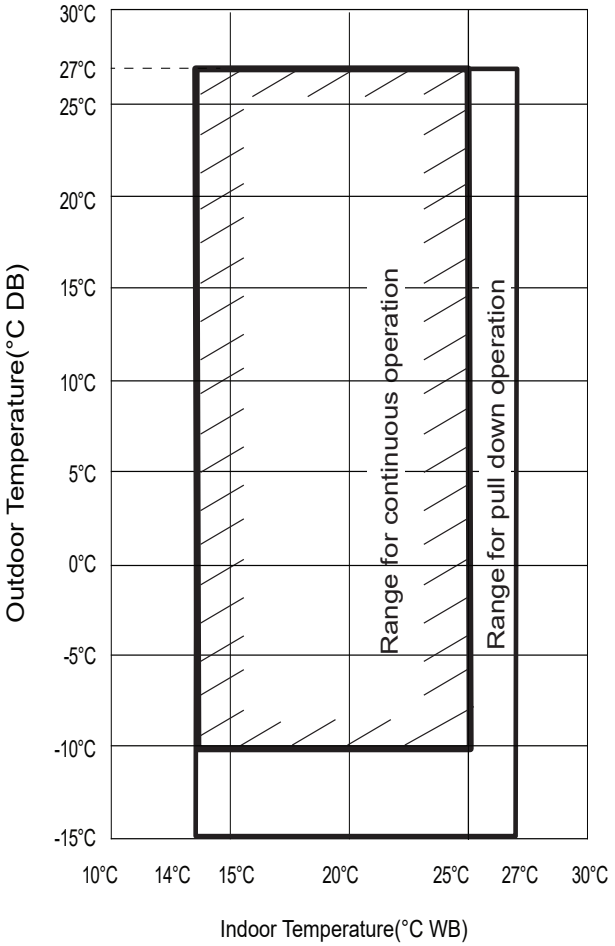
30.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

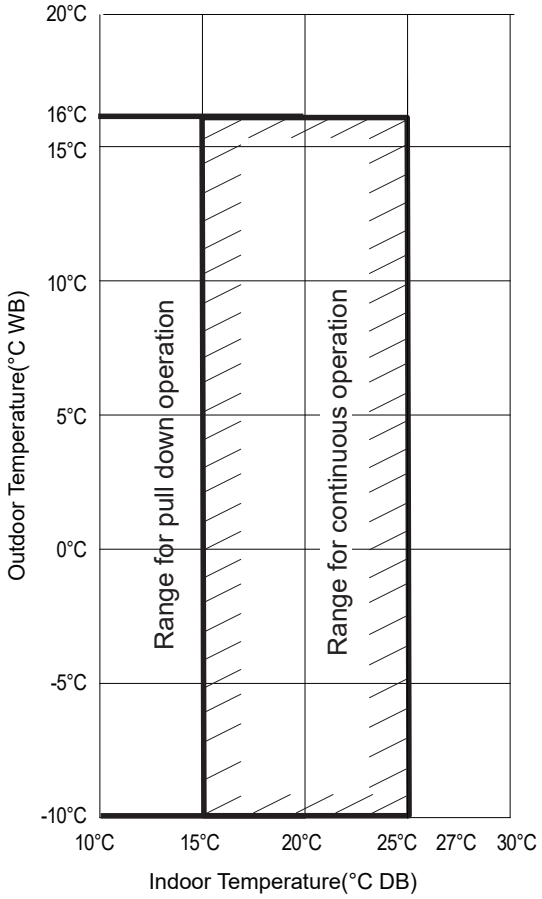
30.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

30.6.4 Simultaneous Operation (Heating)



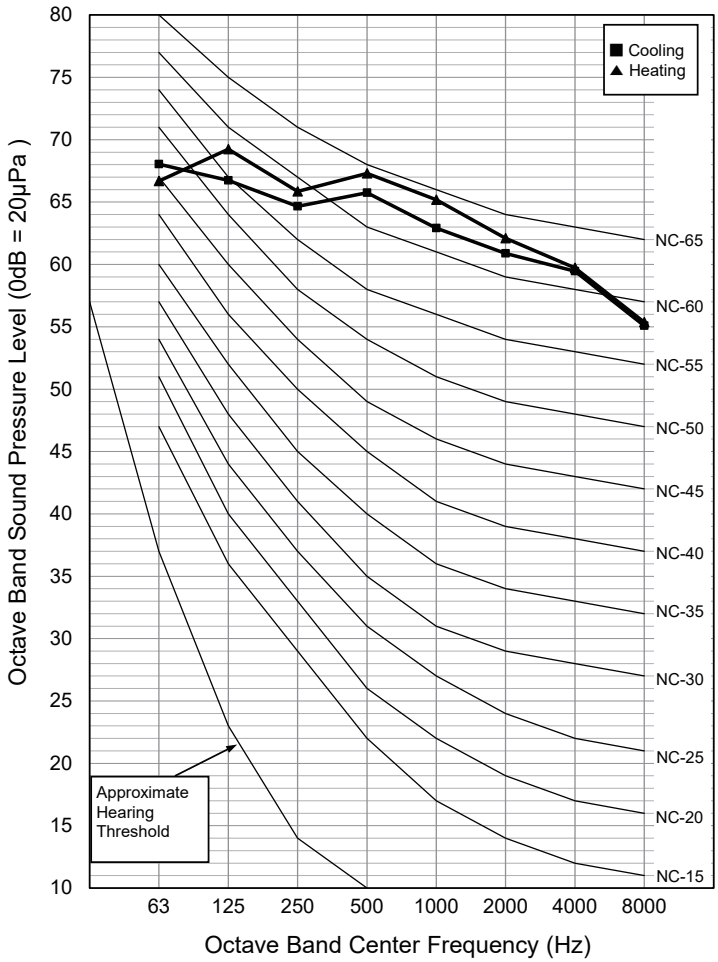
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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30.7 Sound Levels

30.7.1 Pressure Levels



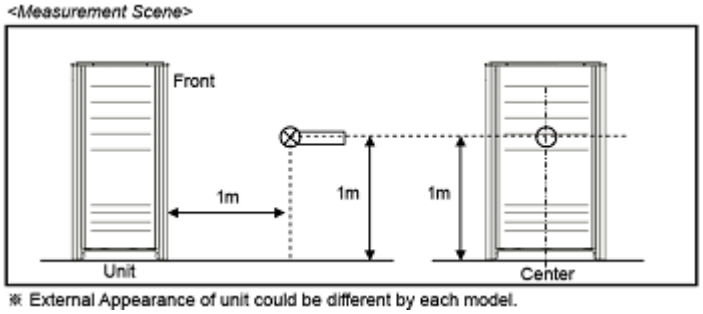
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	68.0	66.7	64.7	65.7	62.9	60.9	59.5	55.1
Heating[dB]	66.7	69.2	65.9	67.3	65.2	62.1	59.7	55.4

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	68.6 / 70.1

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

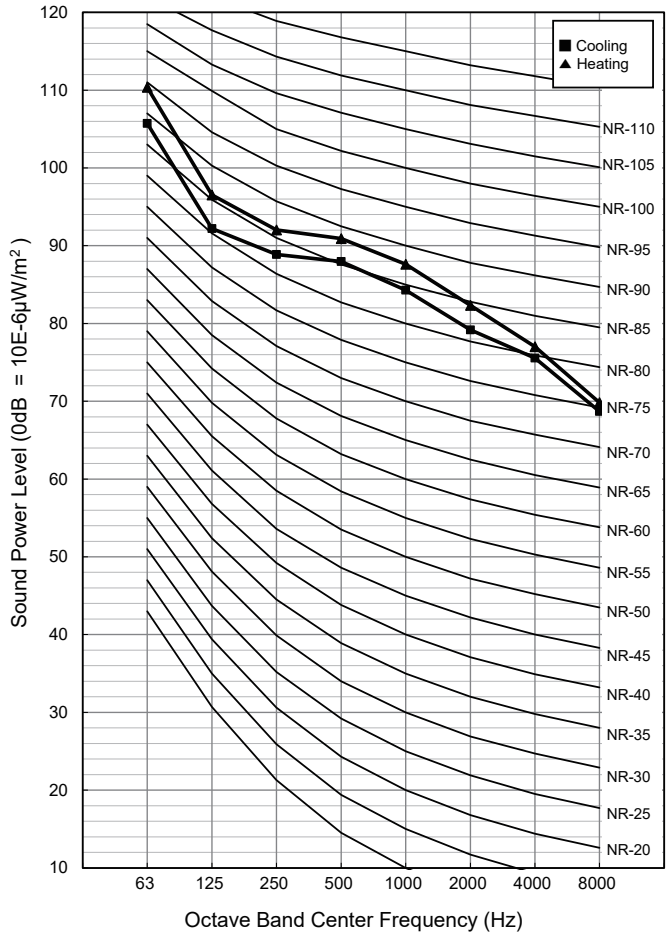
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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30.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	105.7	92.2	88.9	88.0	84.3	79.2	75.6	68.7
Heating[dB]	110.4	96.5	92.0	90.9	87.6	82.3	77.0	69.8

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	89.8 / 93.1

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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31.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	-
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	114.1 - 108.39 - 104.48
	Running Current by Voltage (Heating,Rated)	A	81.46 - 77.38 - 74.59
Cooling Capacity	Rated	kW	190.4
		Btu/h	649,700
Heating Capacity	Rated	kW	190.4
		Btu/h	649,700
	Max	kW	214.2
		Btu/h	730,900
Power Input(Cooling)	Rated	kW	69.84
Power Input(Heating)	Rated	kW	49.86
Efficiency	EER(Rated)	W/W	2.73
	COP(Rated)	W/W	3.82
	SEER	Wh/Wh	7.41
	SCOP	Wh/Wh	4.58
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 6
	Number of Revolution	rev./min	3,600 x 6
	Motor Output	W x No.	5,300 x 6
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	5
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 1)
Weight	Net	kg	(362 x 1) + (362 x 1) + (300 x 1)
	Shipping	kg	(372 x 1) + (372 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	48.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	100.200
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	69.0 / 70.1
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.1 / 93.1
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	154.4
	Maximum Fuse Amperes (MFA)	A	175
	Total Over Current Amperes (TOCA)	A	172.0
	Comp_Maximum Starting Current (MSC)	A	35.4
	Comp_Rated Load Amperes (Cooling)	A	101.6
	Comp_Rated Load Amperes (Heating)	A	69.0
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	12.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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31.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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31.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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31.4 Capacity Tables

31.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	148.7	17.17	187.8	24.32	229.8	36.03	247.4	42.48	267.2	49.72	284.2	55.93	297.5	60.91
	12	148.7	18.84	187.8	26.88	229.8	39.69	247.4	46.61	267.2	53.98	284.2	60.26	297.5	65.24
	14	148.7	20.68	187.8	29.70	229.8	43.68	247.4	50.96	267.2	58.58	284.2	64.94	297.5	69.95
	16	148.7	22.75	187.8	32.82	229.8	48.05	247.4	55.62	267.2	63.49	284.2	69.99	297.5	75.05
	18	148.7	25.04	187.8	36.22	229.8	52.82	247.4	60.66	267.2	68.78	284.2	75.12	297.5	79.11
	20	148.7	27.55	187.8	39.95	229.8	58.03	247.4	66.07	267.2	72.94	284.2	78.28	297.5	82.17
	21	148.7	28.91	187.8	41.94	229.8	60.80	247.4	67.81	267.2	74.63	284.2	79.96	297.5	83.81
	23	148.7	31.85	187.8	46.21	229.8	64.63	247.4	71.43	267.2	78.20	284.2	83.56	297.5	87.35
	25	148.7	35.05	187.8	49.71	229.8	68.42	247.4	75.24	267.2	82.06	284.2	87.49	297.5	91.29
	27	148.7	37.94	187.8	52.95	229.8	72.32	247.4	79.21	267.2	86.25	284.2	91.84	297.5	95.74
	29	148.7	40.46	187.8	56.41	229.8	76.48	247.4	83.50	267.2	90.83	284.2	96.71	295.7	100.3
	31	148.7	43.14	187.8	60.13	229.8	80.98	247.4	88.16	267.2	95.93	284.2	102.2	292.9	105.1
	33	148.7	46.01	187.8	64.12	229.8	85.76	247.4	93.26	267.2	101.7	280.9	107.3	280.9	107.3
	35	148.7	49.06	187.8	68.42	229.8	90.82	247.4	98.91	263.1	106.3	262.9	106.2	263.1	106.2
	37	148.7	52.33	187.8	73.07	229.8	96.40	245.4	104.3	245.3	104.3	245.2	104.2	245.2	104.3
	39	148.7	55.81	187.8	78.15	227.9	101.6	227.8	101.6	227.8	101.6	227.6	101.5	227.6	101.5
	41	148.7	59.53	187.8	83.75	211.1	98.62	210.8	98.57	210.8	98.51	210.5	98.48	210.8	98.55
	43	148.7	63.55	187.8	89.97	194.4	94.50	194.1	94.48	194.1	94.39	194.1	94.50	194.0	94.43
	46	148.7	70.19	171.1	86.31	170.6	86.13	170.8	86.19	170.6	86.06	170.5	86.07	170.6	86.12
	48	148.7	75.10	155.9	80.51	155.8	80.51	155.8	80.42	155.7	80.43	155.8	80.52	155.6	80.42
	50	142.1	75.51	142.0	75.42	141.7	75.42	141.7	75.33	141.7	75.38	141.4	75.24	141.6	75.34
	52	126.4	66.37	128.1	62.84	128.4	59.27	128.2	58.51	128.4	57.72	128.4	57.03	128.4	56.56
120	10	137.2	15.64	173.4	21.30	212.0	30.53	228.4	35.58	246.8	42.22	262.4	47.92	274.6	52.42
	12	137.2	17.07	173.4	23.53	212.0	33.71	228.4	39.20	246.8	46.33	262.4	52.13	274.6	56.70
	14	137.2	18.67	173.4	25.96	212.0	37.21	228.4	43.16	246.8	50.71	262.4	56.68	274.6	61.30
	16	137.2	20.45	173.4	28.67	212.0	41.01	228.4	47.47	246.8	55.36	262.4	61.61	274.6	66.30
	18	137.2	22.43	173.4	31.64	212.0	45.19	228.4	52.19	246.8	60.38	262.4	66.85	274.6	71.69
	20	137.2	24.64	173.4	34.90	212.0	49.76	228.4	57.37	246.8	65.79	262.4	71.32	274.6	75.29
	21	137.2	25.83	173.4	36.66	212.0	52.20	228.4	60.11	246.8	67.55	262.4	73.01	274.6	76.97
	23	137.2	28.40	173.4	40.40	212.0	56.57	228.4	63.99	246.8	71.19	262.4	76.58	274.6	80.56
	25	137.2	31.23	173.4	44.11	212.0	60.17	228.4	67.90	246.8	75.00	262.4	80.41	274.6	84.46
	27	137.2	34.17	173.4	47.01	212.0	64.05	228.4	71.76	246.8	78.97	262.4	84.55	274.6	88.73
	29	137.2	36.42	173.4	50.11	212.0	68.23	228.4	75.91	246.8	83.25	262.4	89.05	274.6	93.43
	31	137.2	38.83	173.4	53.41	212.0	72.73	228.4	80.37	246.8	87.88	262.4	94.04	274.6	98.70
	33	137.2	41.40	173.4	56.94	212.0	77.60	228.4	85.18	246.8	92.98	262.4	99.58	274.6	104.7
	35	137.2	44.16	173.4	60.74	212.0	82.32	228.4	90.21	246.8	98.61	262.4	105.9	263.2	106.3
	37	137.2	47.11	173.4	64.81	212.0	87.47	228.4	95.72	245.5	104.3	245.3	104.3	245.2	104.3
	39	137.2	50.22	173.4	69.21	212.0	93.11	227.9	101.7	227.9	101.7	227.8	101.7	227.8	101.6
	41	137.2	53.57	173.4	73.98	211.1	98.58	210.8	98.50	210.8	98.52	210.7	98.55	210.7	98.53
	43	137.2	57.16	173.4	79.20	194.4	94.52	194.2	94.46	194.3	94.47	194.1	94.50	194.1	94.46
	46	137.2	63.03	170.9	86.28	170.8	86.11	170.8	86.11	170.8	86.19	170.6	86.14	170.6	86.07
	48	137.2	67.33	156.1	80.54	155.9	80.50	155.9	80.58	155.8	80.47	155.6	80.38	155.8	80.49
	50	137.2	71.98	142.0	75.38	141.7	75.31	141.7	75.31	141.7	75.31	141.7	75.43	141.7	75.34
	52	125.9	67.62	127.5	64.32	128.4	60.73	128.4	60.01	128.2	59.20	128.4	58.63	128.4	58.33
110	10	125.8	14.31	158.9	18.75	194.4	25.87	209.4	29.75	226.1	34.85	240.5	39.84	251.8	44.16
	12	125.8	15.52	158.9	20.61	194.4	28.61	209.4	32.87	226.1	38.41	240.5	43.79	251.8	48.21
	14	125.8	16.88	158.9	22.71	194.4	31.60	209.4	36.29	226.1	42.29	240.5	48.10	251.8	52.57

31. ARUM680LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	125.8	18.41	158.9	25.03	194.4	34.89	209.4	40.03	226.1	46.55	240.5	52.80	251.8	57.31
	18	125.8	20.12	158.9	27.59	194.4	38.52	209.4	44.10	226.1	51.21	240.5	57.85	251.8	62.45
	20	125.8	22.03	158.9	30.41	194.4	42.45	209.4	48.57	226.1	56.28	240.5	63.15	251.8	67.66
	21	125.8	23.05	158.9	31.93	194.4	44.56	209.4	50.98	226.1	59.01	240.5	65.27	251.8	69.41
	23	125.8	25.29	158.9	35.17	194.4	49.09	209.4	55.40	226.1	62.96	240.5	68.82	251.8	72.99
	25	125.8	27.77	158.9	38.75	194.4	52.42	209.4	58.95	226.1	66.93	240.5	72.62	251.8	76.75
	27	125.8	30.49	158.9	41.53	194.4	55.85	209.4	62.75	226.1	70.87	240.5	76.68	251.8	80.78
	29	125.8	32.65	158.9	44.29	194.4	59.49	209.4	66.82	226.1	74.99	240.5	80.89	251.8	85.12
	31	125.8	34.81	158.9	47.21	194.4	63.40	209.4	71.24	226.1	79.38	240.5	85.41	251.8	89.87
	33	125.8	37.12	158.9	50.34	194.4	67.62	209.4	76.04	226.1	84.16	240.5	90.33	251.8	95.10
	35	125.8	39.58	158.9	53.69	194.4	72.17	209.4	81.01	226.1	89.21	240.5	95.74	251.8	100.9
	37	125.8	42.21	158.9	57.25	194.4	77.15	209.4	86.04	226.1	94.65	240.5	101.8	245.4	104.2
	39	125.8	45.03	158.9	61.08	194.4	82.60	209.4	91.57	226.1	100.7	227.8	101.6	227.9	101.6
	41	125.8	48.03	158.9	65.22	194.4	88.67	209.4	97.65	210.9	98.54	210.6	98.49	210.8	98.51
	43	125.8	51.23	158.9	69.68	194.2	94.36	194.4	94.53	194.2	94.45	194.3	94.54	194.3	94.52
	46	125.8	56.46	158.9	77.11	170.8	86.18	170.8	86.15	170.6	86.09	170.6	86.09	170.5	86.05
	48	125.8	60.24	156.1	80.61	155.9	80.54	155.9	80.54	155.9	80.46	155.6	80.44	155.6	80.39
	50	125.8	64.33	142.0	75.52	141.7	75.33	141.7	75.39	141.7	75.28	141.7	75.33	141.7	75.39
	52	125.3	68.35	126.6	65.91	128.4	62.54	128.3	61.82	128.4	61.05	128.2	60.37	128.4	59.52
100	10	114.4	13.19	144.5	16.57	176.8	21.98	190.4	24.92	205.7	28.72	218.7	32.47	228.9	35.74
	12	114.4	14.20	144.5	18.16	176.8	24.27	190.4	27.53	205.7	31.76	218.7	35.84	228.9	39.36
	14	114.4	15.34	144.5	19.91	176.8	26.80	190.4	30.44	205.7	35.05	218.7	39.50	228.9	43.34
	16	114.4	16.62	144.5	21.85	176.8	29.60	190.4	33.61	205.7	38.69	218.7	43.52	228.9	47.66
	18	114.4	18.05	144.5	24.03	176.8	32.67	190.4	37.09	205.7	42.65	218.7	47.93	228.9	52.41
	20	114.4	19.68	144.5	26.44	176.8	36.04	190.4	40.91	205.7	46.98	218.7	52.73	228.9	57.60
	21	114.4	20.55	144.5	27.72	176.8	37.85	190.4	42.94	205.7	49.31	218.7	55.30	228.9	60.37
	23	114.4	22.47	144.5	30.52	176.8	41.73	190.4	47.31	205.7	53.82	218.7	59.49	228.9	64.22
	25	114.4	24.61	144.5	33.59	176.8	45.39	190.4	50.75	205.7	57.27	218.7	63.27	228.9	68.07
	27	114.4	26.98	144.5	36.49	176.8	48.36	190.4	54.05	205.7	60.97	218.7	67.32	228.9	71.96
	29	114.4	29.16	144.5	38.92	176.8	51.55	190.4	57.58	205.7	64.94	218.7	71.71	228.9	76.10
	31	114.4	31.06	144.5	41.49	176.8	54.95	190.4	61.38	205.7	69.22	218.7	76.07	228.9	80.58
	33	114.4	33.10	144.5	44.25	176.8	58.59	190.4	65.45	205.7	73.86	218.7	80.63	228.9	85.40
	35	114.4	35.30	144.5	47.20	176.8	62.49	190.4	69.86	205.7	78.93	218.7	85.58	228.9	90.43
	37	114.4	37.65	144.5	50.33	176.8	66.69	190.4	74.63	205.7	84.11	218.7	90.98	228.9	95.96
	39	114.4	40.15	144.5	53.68	176.8	71.23	190.4	79.85	205.7	89.45	218.7	96.66	227.9	101.7
	41	114.4	42.84	144.5	57.27	176.8	76.18	190.4	85.63	205.7	95.34	211.0	98.60	210.9	98.52
	43	114.4	45.69	144.5	61.10	176.8	81.63	190.4	91.96	194.3	94.50	194.2	94.49	194.2	94.49
	46	114.4	50.36	144.5	67.44	170.8	86.19	170.9	86.14	170.7	86.07	170.7	86.08	170.6	86.07
	48	114.4	53.72	144.5	72.10	156.2	80.58	155.9	80.55	155.9	80.47	155.9	80.45	155.9	80.46
	50	114.4	57.32	142.2	75.48	142.0	75.42	141.8	75.32	141.9	75.44	141.9	75.42	141.7	75.40
	52	114.4	61.18	126.3	66.85	127.4	64.37	128.0	63.34	128.2	62.22	128.4	61.15	128.4	60.33
90	10	102.9	12.24	130.0	14.78	159.0	18.77	171.4	20.93	185.0	23.72	196.9	26.44	206.0	28.83
	12	102.9	13.06	130.0	16.05	159.0	20.66	171.4	23.09	185.0	26.22	196.9	29.24	206.0	31.85
	14	102.9	13.99	130.0	17.51	159.0	22.74	171.4	25.48	185.0	28.97	196.9	32.31	206.0	35.18
	16	102.9	15.05	130.0	19.13	159.0	25.08	171.4	28.12	185.0	32.00	196.9	35.68	206.0	38.82
	18	102.9	16.25	130.0	20.94	159.0	27.64	171.4	31.05	185.0	35.32	196.9	39.36	206.0	42.78
	20	102.9	17.60	130.0	22.94	159.0	30.47	171.4	34.23	185.0	38.95	196.9	43.40	206.0	47.14
	21	102.9	18.35	130.0	24.03	159.0	31.99	171.4	35.97	185.0	40.90	196.9	45.55	206.0	49.47
	23	102.9	19.95	130.0	26.38	159.0	35.25	171.4	39.63	185.0	45.08	196.9	50.15	206.0	53.97
	25	102.9	21.76	130.0	28.99	159.0	38.83	171.4	43.37	185.0	48.62	196.9	53.45	206.0	57.43
	27	102.9	23.79	130.0	31.85	159.0	41.61	171.4	46.21	185.0	51.81	196.9	56.91	206.0	61.13

31. ARUM680LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	102.9	25.92	130.0	34.00	159.0	44.35	171.4	49.26	185.0	55.21	196.9	60.63	206.0	65.12
	31	102.9	27.58	130.0	36.25	159.0	47.29	171.4	52.53	185.0	58.83	196.9	64.62	206.0	69.41
	33	102.9	29.37	130.0	38.64	159.0	50.42	171.4	55.99	185.0	62.74	196.9	68.90	206.0	74.06
	35	102.9	31.30	130.0	41.21	159.0	53.77	171.4	59.71	185.0	66.93	196.9	73.57	206.0	79.14
	37	102.9	33.37	130.0	43.94	159.0	57.36	171.4	63.71	185.0	71.47	196.9	78.66	206.0	84.29
	39	102.9	35.60	130.0	46.87	159.0	61.19	171.4	68.02	185.0	76.42	196.9	84.27	206.0	89.66
	41	102.9	37.99	130.0	50.00	159.0	65.33	171.4	72.71	185.0	81.85	196.9	90.07	206.0	95.56
	43	102.9	40.54	130.0	53.33	159.0	69.79	171.4	77.79	185.0	87.84	194.4	94.53	194.4	94.53
	46	102.9	44.68	130.0	58.77	159.0	77.24	170.9	86.19	170.9	86.21	170.8	86.16	170.9	86.22
	48	102.9	47.67	130.0	62.76	156.4	80.72	156.1	80.64	156.1	80.57	155.9	80.54	155.9	80.57
	50	102.9	50.87	130.0	67.02	142.0	75.46	142.0	75.44	141.8	75.36	141.8	75.34	142.0	75.47
	52	102.9	54.29	125.5	68.05	126.9	65.43	127.5	64.38	128.3	63.25	128.4	62.18	128.4	61.33
80	10	91.50	10.99	115.6	13.30	141.4	16.17	152.2	17.70	164.6	19.69	174.8	21.61	183.1	23.29
	12	91.50	12.09	115.6	14.31	141.4	17.68	152.2	19.45	164.6	21.69	174.8	23.87	183.1	25.74
	14	91.50	12.83	115.6	15.47	141.4	19.36	152.2	21.37	164.6	23.92	174.8	26.35	183.1	28.44
	16	91.50	13.68	115.6	16.78	141.4	21.25	152.2	23.52	164.6	26.40	174.8	29.10	183.1	31.42
	18	91.50	14.66	115.6	18.26	141.4	23.35	152.2	25.89	164.6	29.10	174.8	32.12	183.1	34.68
	20	91.50	15.77	115.6	19.91	141.4	25.66	152.2	28.53	164.6	32.09	174.8	35.45	183.1	38.26
	21	91.50	16.38	115.6	20.79	141.4	26.90	152.2	29.94	164.6	33.71	174.8	37.21	183.1	40.16
	23	91.50	17.72	115.6	22.74	141.4	29.59	152.2	32.99	164.6	37.16	174.8	41.01	183.1	44.27
	25	91.50	19.23	115.6	24.90	141.4	32.58	152.2	36.33	164.6	40.90	174.8	44.72	183.1	47.85
	27	91.50	20.92	115.6	27.30	141.4	35.50	152.2	39.17	164.6	43.61	174.8	47.65	183.1	50.99
	29	91.50	22.82	115.6	29.50	141.4	37.83	152.2	41.77	164.6	46.50	174.8	50.80	183.1	54.34
	31	91.50	24.38	115.6	31.43	141.4	40.35	152.2	44.55	164.6	49.58	174.8	54.15	183.1	57.90
	33	91.50	25.91	115.6	33.50	141.4	43.03	152.2	47.50	164.6	52.85	174.8	57.72	183.1	61.73
	35	91.50	27.60	115.6	35.72	141.4	45.89	152.2	50.65	164.6	56.38	174.8	61.56	183.1	65.87
	37	91.50	29.40	115.6	38.08	141.4	48.95	152.2	54.01	164.6	60.12	174.8	65.70	183.1	70.33
	39	91.50	31.36	115.6	40.63	141.4	52.19	152.2	57.62	164.6	64.16	174.8	70.17	183.1	75.16
	41	91.50	33.46	115.6	43.34	141.4	55.68	152.2	61.48	164.6	68.52	174.8	75.02	183.1	80.47
	43	91.50	35.72	115.6	46.24	141.4	59.40	152.2	65.64	164.6	73.26	174.8	80.33	183.1	86.33
	46	91.50	39.40	115.6	50.95	141.4	65.53	152.2	72.53	164.6	81.21	170.8	86.16	170.8	86.19
	48	91.50	42.07	115.6	54.36	141.4	70.04	152.2	77.66	156.1	80.53	156.1	80.59	156.1	80.59
	50	91.50	44.90	115.6	58.01	141.4	74.94	142.0	75.51	142.0	75.46	141.8	75.38	141.7	75.36
	52	91.50	47.92	115.6	61.92	126.3	66.82	126.9	65.74	127.5	64.56	128.0	63.48	128.2	62.65
70	10	80.20	9.12	101.1	12.09	123.8	14.09	133.2	15.15	143.9	16.51	153.0	17.83	160.1	18.96
	12	80.20	11.26	101.1	12.88	123.8	15.26	133.2	16.50	143.9	18.08	153.0	19.58	160.1	20.87
	14	80.20	11.84	101.1	13.78	123.8	16.58	133.2	18.01	143.9	19.81	153.0	21.52	160.1	23.00
	16	80.20	12.51	101.1	14.81	123.8	18.07	133.2	19.71	143.9	21.75	153.0	23.70	160.1	25.34
	18	80.20	13.28	101.1	15.98	123.8	19.72	133.2	21.58	143.9	23.91	153.0	26.10	160.1	27.93
	20	80.20	14.16	101.1	17.29	123.8	21.56	133.2	23.68	143.9	26.30	153.0	28.74	160.1	30.81
	21	80.20	14.66	101.1	18.01	123.8	22.57	133.2	24.82	143.9	27.59	153.0	30.18	160.1	32.33
	23	80.20	15.75	101.1	19.58	123.8	24.73	133.2	27.26	143.9	30.36	153.0	33.23	160.1	35.64
	25	80.20	16.97	101.1	21.34	123.8	27.16	133.2	29.97	143.9	33.43	153.0	36.60	160.1	39.25
	27	80.20	18.36	101.1	23.31	123.8	29.80	133.2	32.89	143.9	36.33	153.0	39.46	160.1	42.01
	29	80.20	19.94	101.1	25.42	123.8	31.98	133.2	35.06	143.9	38.73	153.0	42.08	160.1	44.80
	31	80.20	21.43	101.1	27.04	123.8	34.09	133.2	37.37	143.9	41.31	153.0	44.87	160.1	47.77
	33	80.20	22.74	101.1	28.79	123.8	36.34	133.2	39.86	143.9	44.06	153.0	47.84	160.1	50.93
	35	80.20	24.17	101.1	30.69	123.8	38.76	133.2	42.51	143.9	46.98	153.0	51.00	160.1	54.31
	37	80.20	25.75	101.1	32.72	123.8	41.33	133.2	45.33	143.9	50.10	153.0	54.40	160.1	57.92
	39	80.20	27.44	101.1	34.90	123.8	44.10	133.2	48.36	143.9	53.44	153.0	58.02	160.1	61.80
	41	80.20	29.27	101.1	37.24	123.8	47.04	133.2	51.58	143.9	57.01	153.0	61.93	160.1	65.99

31. ARUM680LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	80.20	31.24	101.1	39.74	123.8	50.16	133.2	55.01	143.9	60.83	153.0	66.12	160.1	70.50
	46	80.20	34.49	101.1	43.80	123.8	55.29	133.2	60.66	143.9	67.12	153.0	73.08	160.1	78.06
	48	80.20	36.84	101.1	46.74	123.8	58.99	133.2	64.76	143.9	71.76	153.0	78.25	156.2	80.67
	50	80.20	39.35	101.1	49.88	123.8	62.98	133.2	69.19	142.2	75.59	142.0	75.43	142.0	75.40
	52	80.20	42.02	101.1	53.22	123.8	67.28	125.8	67.54	126.6	66.31	127.2	65.21	127.5	64.37
60	10	68.60	7.40	86.70	10.14	106.0	12.48	114.2	13.17	123.3	14.06	131.2	14.91	137.4	15.65
	12	68.60	10.31	86.70	11.72	106.0	13.33	114.2	14.17	123.3	15.23	131.2	16.21	137.4	17.08
	14	68.60	10.77	86.70	12.38	106.0	14.33	114.2	15.31	123.3	16.53	131.2	17.69	137.4	18.67
	16	68.60	11.31	86.70	13.17	106.0	15.45	114.2	16.59	123.3	17.99	131.2	19.34	137.4	20.45
	18	68.60	11.95	86.70	14.05	106.0	16.72	114.2	18.02	123.3	19.64	131.2	21.18	137.4	22.45
	20	68.60	12.65	86.70	15.06	106.0	18.14	114.2	19.65	123.3	21.50	131.2	23.22	137.4	24.66
	21	68.60	13.05	86.70	15.62	106.0	18.91	114.2	20.52	123.3	22.49	131.2	24.32	137.4	25.86
	23	68.60	13.93	86.70	16.84	106.0	20.61	114.2	22.42	123.3	24.65	131.2	26.72	137.4	28.42
	25	68.60	14.92	86.70	18.23	106.0	22.51	114.2	24.55	123.3	27.05	131.2	29.34	137.4	31.25
	27	68.60	16.07	86.70	19.80	106.0	24.62	114.2	26.93	123.3	29.70	131.2	32.24	137.4	34.17
	29	68.60	17.34	86.70	21.56	106.0	26.77	114.2	29.11	123.3	31.88	131.2	34.40	137.4	36.44
	31	68.60	18.73	86.70	23.08	106.0	28.48	114.2	31.01	123.3	33.99	131.2	36.67	137.4	38.85
	33	68.60	19.83	86.70	24.53	106.0	30.35	114.2	33.04	123.3	36.24	131.2	39.09	137.4	41.43
	35	68.60	21.02	86.70	26.11	106.0	32.34	114.2	35.22	123.3	38.63	131.2	41.69	137.4	44.19
	37	68.60	22.36	86.70	27.82	106.0	34.49	114.2	37.57	123.3	41.20	131.2	44.47	137.4	47.11
	39	68.60	23.79	86.70	29.66	106.0	36.80	114.2	40.07	123.3	43.96	131.2	47.43	137.4	50.25
	41	68.60	25.38	86.70	31.64	106.0	39.27	114.2	42.76	123.3	46.89	131.2	50.59	137.4	53.60
	43	68.60	27.08	86.70	33.77	106.0	41.90	114.2	45.61	123.3	50.00	131.2	53.97	137.4	57.19
	46	68.60	29.91	86.70	37.27	106.0	46.18	114.2	50.25	123.3	55.10	131.2	59.47	137.4	63.06
	48	68.60	31.98	86.70	39.80	106.0	49.27	114.2	53.61	123.3	58.80	131.2	63.50	137.4	67.36
	50	68.60	34.17	86.70	42.50	106.0	52.57	114.2	57.21	123.3	62.77	131.2	67.84	137.4	72.03
	52	68.60	36.55	86.70	45.36	106.0	56.09	114.2	61.07	123.3	67.05	125.8	67.66	126.3	66.80
50	10	57.20	5.76	72.20	7.97	88.40	10.44	95.20	11.65	102.8	12.22	109.4	12.75	114.5	13.19
	12	57.20	8.76	72.20	10.66	88.40	11.85	95.20	12.38	102.8	13.04	109.4	13.67	114.5	14.20
	14	57.20	9.57	72.20	11.17	88.40	12.54	95.20	13.17	102.8	13.97	109.4	14.71	114.5	15.34
	16	57.20	10.00	72.20	11.74	88.40	13.33	95.20	14.10	102.8	15.03	109.4	15.90	114.5	16.62
	18	57.20	10.50	72.20	12.40	88.40	14.26	95.20	15.14	102.8	16.22	109.4	17.23	114.5	18.07
	20	57.20	11.06	72.20	13.16	88.40	15.30	95.20	16.33	102.8	17.58	109.4	18.72	114.5	19.70
	21	57.20	11.38	72.20	13.56	88.40	15.88	95.20	16.97	102.8	18.32	109.4	19.54	114.5	20.58
	23	57.20	12.08	72.20	14.50	88.40	17.16	95.20	18.41	102.8	19.92	109.4	21.33	114.5	22.50
	25	57.20	12.88	72.20	15.55	88.40	18.57	95.20	20.01	102.8	21.74	109.4	23.31	114.5	24.61
	27	57.20	13.77	72.20	16.76	88.40	20.20	95.20	21.80	102.8	23.76	109.4	25.52	114.5	26.98
	29	57.20	14.81	72.20	18.13	88.40	21.99	95.20	23.82	102.8	25.89	109.4	27.70	114.5	29.16
	31	57.20	15.96	72.20	19.57	88.40	23.53	95.20	25.37	102.8	27.55	109.4	29.49	114.5	31.06
	33	57.20	16.95	72.20	20.72	88.40	25.01	95.20	27.00	102.8	29.32	109.4	31.42	114.5	33.12
	35	57.20	17.94	72.20	21.98	88.40	26.62	95.20	28.75	102.8	31.25	109.4	33.49	114.5	35.32
	37	57.20	19.03	72.20	23.38	88.40	28.36	95.20	30.65	102.8	33.34	109.4	35.71	114.5	37.66
	39	57.20	20.24	72.20	24.91	88.40	30.26	95.20	32.69	102.8	35.55	109.4	38.10	114.5	40.18
	41	57.20	21.58	72.20	26.55	88.40	32.28	95.20	34.87	102.8	37.93	109.4	40.65	114.5	42.86
	43	57.20	23.05	72.20	28.35	88.40	34.46	95.20	37.21	102.8	40.49	109.4	43.37	114.5	45.71
	46	57.20	25.56	72.20	31.30	88.40	38.02	95.20	41.06	102.8	44.61	109.4	47.80	114.5	50.36
	48	57.20	27.36	72.20	33.45	88.40	40.58	95.20	43.81	102.8	47.61	109.4	51.00	114.5	53.74
	50	57.20	29.33	72.20	35.75	88.40	43.33	95.20	46.76	102.8	50.79	109.4	54.41	114.5	57.34
	52	57.20	31.43	72.20	38.23	88.40	46.26	95.20	49.89	102.8	54.21	109.4	58.06	114.5	61.21

31. ARUM680LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

31. ARUM680LTE6

31.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	40.50	3.22	64.90	5.14	92.10	7.33	98.60	7.87	105.1	8.45	111.9	9.06	119.0	9.81
	12	40.50	3.22	64.90	5.16	92.10	7.39	98.60	7.93	105.1	8.51	111.9	9.14	119.0	9.93
	14	40.50	3.24	64.90	5.19	92.10	7.48	98.60	8.04	105.1	8.65	111.9	9.29	119.0	10.13
	16	40.50	3.24	64.90	5.25	92.10	7.63	98.60	8.24	105.1	8.88	111.9	9.60	119.0	10.56
	18	40.50	3.27	64.90	5.37	92.10	7.97	98.60	8.67	105.1	9.42	111.9	10.26	119.0	11.49
	20	40.50	3.38	64.90	5.66	92.10	8.88	98.60	9.78	105.1	10.80	111.9	11.94	119.0	13.95
	21	45.90	4.16	70.00	7.06	96.90	11.95	103.4	12.64	109.7	13.41	116.2	14.19	122.9	15.42
	23	56.60	9.14	80.50	11.50	107.1	14.86	113.1	15.74	119.3	16.70	124.9	17.58	130.9	19.02
	25	67.70	11.46	91.00	14.39	117.6	18.76	123.2	19.83	129.2	21.00	133.7	21.96	138.9	23.64
	27	78.80	14.60	102.0	18.31	128.1	23.91	133.5	25.22	139.1	26.54	142.8	27.42	155.3	31.33
	29	90.40	18.86	113.0	23.27	139.1	29.61	144.2	30.97	149.6	32.46	158.6	35.09	183.8	44.33
	31	102.3	23.84	124.4	28.91	150.2	36.52	155.0	38.04	168.3	42.59	187.6	49.72	212.2	61.76
	33	114.5	30.01	136.2	35.97	161.5	45.03	177.9	51.47	198.0	60.30	216.5	69.34	240.5	83.93
	35	127.2	37.83	148.2	44.75	189.6	63.19	207.4	72.66	227.5	83.92	245.4	92.46	268.9	105.3
	37	127.2	40.38	148.2	47.76	189.6	67.47	207.4	77.69	227.5	89.24	245.4	98.22	251.3	103.3
	39	127.2	43.11	148.2	50.97	189.6	72.11	207.4	83.22	227.5	95.06	235.7	99.50	233.1	100.2
	41	127.2	46.01	148.2	54.38	189.6	77.15	207.4	89.35	218.1	95.76	218.1	95.79	215.5	96.59
	43	127.2	49.10	148.2	58.05	189.6	82.68	201.1	91.16	201.0	91.06	200.8	91.04	198.6	92.43
	46	127.2	54.12	148.2	64.02	176.8	82.47	176.8	82.45	176.7	82.46	176.6	82.33	174.7	83.56
	48	127.2	57.77	148.2	68.41	161.5	77.15	161.6	77.23	161.3	77.12	161.2	77.13	159.3	78.04
	50	127.2	61.66	147.3	72.48	146.8	72.36	147.0	72.45	146.8	72.35	146.7	72.32	144.8	73.08
	52	126.4	65.43	128.3	61.18	130.3	57.94	130.8	57.31	131.2	56.60	131.7	56.01	131.2	56.25
120	10	37.40	2.98	60.00	4.74	85.00	6.75	90.90	7.25	96.90	7.74	103.2	8.27	109.7	8.95
	12	37.40	2.98	60.00	4.76	85.00	6.80	90.90	7.29	96.90	7.79	103.2	8.35	109.7	9.04
	14	37.40	2.98	60.00	4.77	85.00	6.86	90.90	7.37	96.90	7.91	103.2	8.47	109.7	9.21
	16	37.40	3.00	60.00	4.82	85.00	6.98	90.90	7.54	96.90	8.08	103.2	8.70	109.7	9.53
	18	37.40	3.03	60.00	4.91	85.00	7.26	90.90	7.86	96.90	8.49	103.2	9.21	109.7	10.27
	20	37.40	3.09	60.00	5.14	85.00	7.95	90.90	8.74	96.90	9.56	103.2	10.51	109.7	12.26
	21	42.20	3.75	64.60	6.29	89.50	10.45	95.50	11.69	101.4	12.41	107.1	13.09	113.4	14.16
	23	52.20	8.71	74.20	10.82	98.90	13.74	104.5	14.48	110.2	15.31	115.3	16.06	120.7	17.31
	25	62.40	10.80	84.10	13.40	108.5	17.16	113.7	18.09	119.3	19.08	123.5	19.88	128.3	21.35
	27	72.80	13.63	94.10	16.85	118.2	21.67	123.3	22.77	128.4	23.99	131.8	24.80	143.4	28.25
	29	83.60	17.44	104.3	21.38	128.3	26.89	132.9	28.06	138.0	29.34	146.5	31.61	169.7	39.54
	31	94.40	21.98	114.8	26.38	138.6	32.95	143.1	34.28	155.3	38.19	173.1	44.29	195.8	54.56
	33	105.7	27.45	125.8	32.62	149.3	40.45	164.3	46.01	182.8	53.52	199.8	61.18	221.9	74.51
	35	117.3	34.37	136.8	40.36	175.1	56.20	191.5	64.20	210.0	74.06	226.4	83.42	248.2	95.55
	37	117.3	36.70	136.8	43.09	175.1	59.98	191.5	68.56	210.0	79.23	226.4	88.67	248.2	101.6
	39	117.3	39.17	136.8	45.99	175.1	64.04	191.5	73.28	210.0	84.89	226.4	94.46	233.1	100.2
	41	117.3	41.80	136.8	49.08	175.1	68.40	191.5	78.42	210.0	91.05	218.3	95.83	215.7	96.71
	43	117.3	44.62	136.8	52.36	175.1	73.14	191.5	84.06	201.1	91.17	200.9	91.05	198.6	92.33
	46	117.3	49.22	136.8	57.74	175.1	81.05	177.0	82.50	176.7	82.40	176.7	82.40	174.7	83.58
	48	117.3	52.52	136.8	61.63	161.5	77.18	161.5	77.16	161.5	77.18	161.4	77.12	159.3	78.10
	50	117.3	56.04	136.8	65.81	146.8	72.32	147.0	72.44	146.9	72.40	147.0	72.41	145.1	73.26
	52	117.3	59.83	127.5	62.56	129.5	59.28	130.0	58.64	130.3	57.94	130.6	57.48	130.9	57.97
110	10	34.30	2.71	55.00	4.34	77.90	6.18	83.30	6.61	88.90	7.07	94.60	7.55	100.6	8.13
	12	34.30	2.71	55.00	4.34	77.90	6.21	83.30	6.67	88.90	7.12	94.60	7.60	100.6	8.20
	14	34.30	2.73	55.00	4.37	77.90	6.27	83.30	6.72	88.90	7.21	94.60	7.69	100.6	8.33
	16	34.30	2.74	55.00	4.40	77.90	6.36	83.30	6.84	88.90	7.35	94.60	7.87	100.6	8.57
	18	34.30	2.76	55.00	4.48	77.90	6.56	83.30	7.10	88.90	7.65	94.60	8.24	100.6	9.12

31. ARUM680LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	34.30	2.81	55.00	4.65	77.90	7.10	83.30	7.76	88.90	8.47	94.60	9.24	100.6	10.63
	21	38.80	3.39	59.20	5.58	82.10	9.03	87.50	10.04	92.90	11.14	98.30	12.08	104.0	12.99
	23	47.90	8.31	68.00	10.16	90.70	12.70	95.80	13.32	100.9	14.01	105.7	14.64	110.8	15.74
	25	57.20	10.16	77.10	12.46	99.40	15.67	104.3	16.46	109.3	17.29	113.1	17.98	117.6	19.22
	27	66.80	12.67	86.20	15.49	108.5	19.59	113.0	20.53	117.8	21.54	121.0	22.24	131.5	25.33
	29	76.50	16.07	95.50	19.52	117.6	24.34	121.9	25.33	126.4	26.42	134.3	28.36	155.5	35.12
	31	86.70	20.20	105.4	24.00	127.0	29.65	131.2	30.77	142.5	34.10	158.7	39.29	179.6	47.98
	33	96.90	25.03	115.3	29.47	136.8	36.19	150.5	40.90	167.5	47.29	183.3	53.71	203.4	64.81
	35	107.6	31.12	125.5	36.26	160.4	49.76	175.6	56.49	192.4	64.68	207.7	72.70	227.5	85.83
	37	107.6	33.21	125.5	38.70	160.4	53.11	175.6	60.29	192.4	69.09	207.7	77.74	227.5	91.30
	39	107.6	35.46	125.5	41.31	160.4	56.67	175.6	64.36	192.4	73.84	207.7	83.27	227.5	97.16
	41	107.6	37.86	125.5	44.10	160.4	60.48	175.6	68.76	192.4	79.03	207.7	89.38	215.8	96.68
	43	107.6	40.41	125.5	47.08	160.4	64.59	175.6	73.52	192.4	84.74	201.1	91.19	198.8	92.52
	46	107.6	44.58	125.5	51.89	160.4	71.35	175.6	81.50	177.0	82.52	176.8	82.40	174.5	83.50
	48	107.6	47.59	125.5	55.38	160.4	76.34	161.5	77.13	161.5	77.21	161.5	77.18	159.5	78.13
	50	107.6	50.79	125.5	59.08	147.1	72.45	146.9	72.35	147.0	72.47	146.8	72.35	145.1	73.22
	52	107.6	54.21	125.5	63.06	128.6	60.88	128.9	60.27	129.4	59.58	129.4	58.82	130.3	58.82
100	10	31.20	2.47	49.90	3.94	70.80	5.60	75.70	6.02	80.80	6.42	86.10	6.85	91.50	7.36
	12	31.20	2.47	49.90	3.94	70.80	5.62	75.70	6.05	80.80	6.45	86.10	6.88	91.50	7.42
	14	31.20	2.47	49.90	3.96	70.80	5.68	75.70	6.08	80.80	6.51	86.10	6.94	91.50	7.50
	16	31.20	2.49	49.90	3.99	70.80	5.74	75.70	6.17	80.80	6.62	86.10	7.08	91.50	7.68
	18	31.20	2.50	49.90	4.05	70.80	5.90	75.70	6.37	80.80	6.85	86.10	7.37	91.50	8.08
	20	31.20	2.55	49.90	4.19	70.80	6.29	75.70	6.86	80.80	7.45	86.10	8.09	91.50	9.19
	21	35.20	3.02	53.90	4.92	74.60	7.77	79.60	8.59	84.40	9.47	89.30	10.42	94.60	11.93
	23	43.60	7.88	61.80	9.51	82.40	11.73	87.00	12.27	91.80	12.83	96.00	13.37	100.6	14.27
	25	52.10	9.54	70.00	11.55	90.40	14.30	94.90	14.95	99.40	15.66	102.9	16.22	106.8	17.29
	27	60.60	11.76	78.50	14.22	98.60	17.67	102.8	18.47	107.1	19.33	109.9	19.89	119.5	22.47
	29	69.70	14.76	87.00	17.73	106.8	21.94	110.8	22.79	115.0	23.73	122.1	25.35	141.4	31.04
	31	78.80	18.51	95.80	21.74	115.6	26.56	119.2	27.49	129.5	30.32	144.2	34.68	163.2	41.95
	33	88.10	22.74	104.8	26.52	124.4	32.20	136.8	36.19	152.4	41.56	166.6	46.92	185.0	56.10
	35	97.80	28.05	113.9	32.42	145.9	43.82	159.5	49.44	175.1	56.22	188.7	62.77	206.8	74.51
	37	97.80	29.93	113.9	34.60	145.9	46.75	159.5	52.76	175.1	60.00	188.7	67.02	206.8	79.73
	39	97.80	31.95	113.9	36.93	145.9	49.91	159.5	56.30	175.1	64.06	188.7	71.61	206.8	85.44
	41	97.80	34.12	113.9	39.43	145.9	53.24	159.5	60.10	175.1	68.42	188.7	76.62	206.8	91.38
	43	97.80	36.44	113.9	42.12	145.9	56.83	159.5	64.17	175.1	73.17	188.7	82.09	198.9	92.45
	46	97.80	40.21	113.9	46.43	145.9	62.67	159.5	70.87	175.1	81.08	176.8	82.44	174.7	83.53
	48	97.80	42.95	113.9	49.57	145.9	66.95	159.5	75.83	161.5	77.18	161.6	77.23	159.3	78.07
	50	97.80	45.84	113.9	52.88	145.9	71.56	147.1	72.46	147.0	72.39	147.1	72.50	144.8	73.17
	52	97.80	48.94	113.9	56.43	127.4	62.61	128.1	61.63	128.8	60.57	129.4	59.58	129.7	59.60
90	10	28.10	2.23	45.00	3.54	63.70	5.03	68.30	5.41	72.80	5.76	77.40	6.13	82.40	6.61
	12	28.10	2.23	45.00	3.56	63.70	5.06	68.30	5.41	72.80	5.78	77.40	6.18	82.40	6.64
	14	28.10	2.23	45.00	3.56	63.70	5.09	68.30	5.46	72.80	5.84	77.40	6.22	82.40	6.70
	16	28.10	2.23	45.00	3.59	63.70	5.14	68.30	5.52	72.80	5.90	77.40	6.33	82.40	6.84
	18	28.10	2.25	45.00	3.62	63.70	5.26	68.30	5.66	72.80	6.07	77.40	6.53	82.40	7.13
	20	28.10	2.28	45.00	3.71	63.70	5.52	68.30	6.01	72.80	6.50	77.40	7.05	82.40	7.93
	21	31.70	2.68	48.50	4.29	67.20	6.64	71.60	7.28	75.90	7.99	80.40	8.73	85.00	10.46
	23	39.10	7.48	55.80	8.90	74.20	10.80	78.40	11.26	82.70	11.76	86.40	12.19	90.60	12.95
	25	46.80	8.95	62.90	10.67	81.30	13.02	85.30	13.58	89.50	14.15	92.60	14.63	96.30	15.51
	27	54.70	10.90	70.50	12.99	88.70	15.91	92.40	16.58	96.30	17.27	98.90	17.75	107.6	19.89
	29	62.60	13.50	78.20	16.04	96.30	19.66	99.70	20.43	103.4	21.20	109.7	22.56	127.2	27.29
	31	70.80	16.89	86.10	19.66	104.0	23.68	107.3	24.46	116.5	26.80	129.8	30.42	146.8	36.44

31. ARUM680LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	79.30	20.61	94.30	23.75	111.9	28.52	123.2	31.85	137.1	36.27	149.9	40.69	166.6	48.22
	35	88.10	25.18	102.6	28.83	131.2	38.33	143.7	42.97	157.5	48.54	169.8	53.86	186.1	63.33
	37	88.10	26.84	102.6	30.76	131.2	40.91	143.7	45.87	157.5	51.80	169.8	57.50	186.1	67.63
	39	88.10	28.64	102.6	32.85	131.2	43.67	143.7	48.95	157.5	55.29	169.8	61.38	186.1	72.27
	41	88.10	30.60	102.6	35.08	131.2	46.60	143.7	52.23	157.5	59.01	169.8	65.53	186.1	77.33
	43	88.10	32.68	102.6	37.46	131.2	49.74	143.7	55.74	157.5	63.00	169.8	70.04	186.1	82.88
	46	88.10	36.10	102.6	41.35	131.2	54.82	143.7	61.47	157.5	69.57	169.8	77.50	174.8	83.59
	48	88.10	38.58	102.6	44.15	131.2	58.52	143.7	65.65	157.5	74.40	161.5	77.14	159.6	78.22
	50	88.10	41.20	102.6	47.12	131.2	62.46	143.7	70.16	147.0	72.46	147.0	72.38	145.1	73.30
	52	88.10	44.00	102.6	50.30	126.9	63.65	127.5	62.62	128.3	61.54	128.8	60.54	129.2	60.55
80	10	24.90	1.97	40.00	3.14	56.70	4.47	60.60	4.79	64.60	5.11	68.80	5.46	73.10	5.86
	12	24.90	1.97	40.00	3.16	56.70	4.47	60.60	4.80	64.60	5.14	68.80	5.46	73.10	5.89
	14	24.90	1.99	40.00	3.16	56.70	4.50	60.60	4.82	64.60	5.17	68.80	5.51	73.10	5.92
	16	24.90	1.99	40.00	3.16	56.70	4.55	60.60	4.88	64.60	5.22	68.80	5.57	73.10	6.01
	18	24.90	1.99	40.00	3.19	56.70	4.61	60.60	4.96	64.60	5.34	68.80	5.72	73.10	6.21
	20	24.90	2.01	40.00	3.27	56.70	4.81	60.60	5.22	64.60	5.63	68.80	6.07	73.10	6.76
	21	28.30	2.34	43.10	3.72	59.80	5.63	63.50	6.15	67.50	6.70	71.40	7.27	75.60	8.55
	23	34.80	7.10	49.60	8.31	66.00	9.94	69.70	10.32	73.40	10.72	76.80	11.09	80.50	11.74
	25	41.60	8.36	56.10	9.84	72.30	11.84	75.90	12.30	79.40	12.78	82.20	13.16	85.60	13.90
	27	48.50	10.05	62.60	11.84	78.80	14.28	82.20	14.82	85.60	15.40	87.90	15.78	95.50	17.52
	29	55.60	12.30	69.50	14.44	85.60	17.44	88.70	18.08	92.10	18.75	97.50	19.95	113.1	23.86
	31	62.90	15.24	76.50	17.67	92.40	21.02	95.20	21.66	103.7	23.58	115.4	26.53	130.6	31.41
	33	70.50	18.56	83.80	21.19	99.50	25.11	109.4	27.83	121.8	31.45	133.2	35.02	147.9	41.11
	35	78.20	22.51	91.20	25.50	116.7	33.30	127.8	37.08	140.0	41.58	151.0	45.87	165.4	53.43
	37	78.20	23.96	91.20	27.19	116.7	35.53	127.8	39.58	140.0	44.37	151.0	48.93	165.4	56.99
	39	78.20	25.57	91.20	29.04	116.7	37.94	127.8	42.24	140.0	47.35	151.0	52.23	165.4	60.85
	41	78.20	27.30	91.20	31.01	116.7	40.50	127.8	45.08	140.0	50.54	151.0	55.74	165.4	64.97
	43	78.20	29.16	91.20	33.13	116.7	43.24	127.8	48.12	140.0	53.93	151.0	59.49	165.4	69.42
	46	78.20	32.23	91.20	36.58	116.7	47.68	127.8	53.03	140.0	59.47	151.0	65.64	165.4	76.86
	48	78.20	34.44	91.20	39.09	116.7	50.88	127.8	56.60	140.0	63.49	151.0	70.16	159.8	78.27
	50	78.20	36.82	91.20	41.76	116.7	54.29	127.8	60.41	140.0	67.82	147.0	72.43	145.1	73.25
	52	78.20	39.36	91.20	44.59	116.7	57.94	126.9	63.93	127.5	62.80	128.0	61.77	128.6	61.80
70	10	21.80	1.73	34.90	2.76	49.60	3.91	53.00	4.18	56.60	4.47	60.30	4.76	64.00	5.11
	12	21.80	1.73	34.90	2.76	49.60	3.91	53.00	4.20	56.60	4.47	60.30	4.77	64.00	5.12
	14	21.80	1.73	34.90	2.76	49.60	3.94	53.00	4.21	56.60	4.50	60.30	4.79	64.00	5.17
	16	21.80	1.73	34.90	2.76	49.60	3.96	53.00	4.23	56.60	4.53	60.30	4.85	64.00	5.22
	18	21.80	1.75	34.90	2.79	49.60	4.02	53.00	4.31	56.60	4.61	60.30	4.93	64.00	5.35
	20	21.80	1.75	34.90	2.84	49.60	4.14	53.00	4.46	56.60	4.81	60.30	5.17	64.00	5.71
	21	24.70	2.04	37.70	3.20	52.20	4.72	55.60	5.13	59.20	5.55	62.60	5.99	66.10	6.90
	23	30.60	6.24	43.30	7.75	57.80	9.11	60.90	9.43	64.30	9.76	67.20	10.07	70.50	10.61
	25	36.30	7.80	49.00	9.03	63.20	10.69	66.30	11.09	69.50	11.47	72.00	11.79	74.80	12.41
	27	42.50	9.24	54.90	10.74	69.10	12.75	71.90	13.21	74.80	13.67	77.00	13.98	83.60	15.40
	29	48.70	11.14	60.90	12.91	74.80	15.40	77.60	15.91	80.50	16.47	85.30	17.41	98.90	20.72
	31	55.20	13.64	66.90	15.75	80.80	18.56	83.30	19.08	90.70	20.62	101.1	22.97	114.2	26.88
	33	61.70	16.52	73.40	18.80	87.00	21.97	95.80	24.15	106.6	27.03	116.5	29.87	129.5	34.70
	35	68.50	19.98	79.90	22.43	102.0	28.67	111.7	31.68	122.4	35.27	132.1	38.65	144.8	44.59
	37	68.50	21.25	79.90	23.88	102.0	30.60	111.7	33.82	122.4	37.64	132.1	41.25	144.8	47.59
	39	68.50	22.65	79.90	25.49	102.0	32.67	111.7	36.11	122.4	40.18	132.1	44.02	144.8	50.78
	41	68.50	24.19	79.90	27.22	102.0	34.90	111.7	38.55	122.4	42.90	132.1	46.98	144.8	54.19
	43	68.50	25.85	79.90	29.08	102.0	37.26	111.7	41.16	122.4	45.78	132.1	50.14	144.8	57.84
	46	68.50	28.57	79.90	32.15	102.0	41.12	111.7	45.41	122.4	50.47	132.1	55.27	144.8	63.81

31. ARUM680LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	68.50	30.57	79.90	34.36	102.0	43.91	111.7	48.45	122.4	53.86	132.1	59.00	144.8	68.19
	50	68.50	32.70	79.90	36.74	102.0	46.88	111.7	51.71	122.4	57.48	132.1	62.99	144.7	72.88
	52	68.50	35.00	79.90	39.27	102.0	50.03	111.7	55.18	122.4	61.35	127.2	63.45	127.5	63.47
60	10	18.70	1.49	30.00	2.36	42.50	3.35	45.40	3.59	48.50	3.83	51.60	4.07	54.90	4.37
	12	18.70	1.49	30.00	2.36	42.50	3.35	45.40	3.59	48.50	3.83	51.60	4.07	54.90	4.39
	14	18.70	1.48	30.00	2.36	42.50	3.35	45.40	3.59	48.50	3.83	51.60	4.10	54.90	4.39
	16	18.70	1.48	30.00	2.36	42.50	3.38	45.40	3.62	48.50	3.86	51.60	4.12	54.90	4.44
	18	18.70	1.48	30.00	2.39	42.50	3.40	45.40	3.67	48.50	3.91	51.60	4.18	54.90	4.53
	20	18.70	1.50	30.00	2.41	42.50	3.49	45.40	3.76	48.50	4.03	51.60	4.33	54.90	4.74
	21	21.20	1.72	32.30	2.68	44.80	3.90	47.60	4.21	50.70	4.54	53.60	4.89	56.70	5.50
	23	26.10	4.40	37.10	6.59	49.50	8.31	52.20	8.58	55.00	8.84	57.50	9.09	60.40	9.54
	25	31.60	7.31	42.00	8.28	54.20	9.64	56.90	9.94	59.50	10.26	61.80	10.51	64.10	11.01
	27	36.50	8.47	47.00	9.67	59.20	11.33	61.70	11.68	64.30	12.06	66.00	12.30	71.70	13.45
	29	41.70	10.05	52.10	11.49	64.10	13.50	66.60	13.90	68.90	14.33	73.10	15.11	84.70	17.69
	31	47.30	12.11	57.50	13.82	69.40	16.20	71.40	16.65	77.60	17.91	86.70	19.74	98.00	22.78
	33	52.90	14.57	62.90	16.42	74.50	19.09	82.10	20.80	91.50	23.03	100.0	25.24	111.0	28.97
	35	58.70	17.45	68.30	19.54	87.50	24.48	95.80	26.80	105.1	29.57	113.3	32.16	124.1	36.74
	37	58.70	18.53	68.30	20.80	87.50	26.09	95.80	28.60	105.1	31.56	113.3	34.33	124.1	39.21
	39	58.70	19.71	68.30	22.15	87.50	27.84	95.80	30.53	105.1	33.70	113.3	36.66	124.1	41.86
	41	58.70	21.02	68.30	23.66	87.50	29.75	95.80	32.61	105.1	35.99	113.3	39.14	124.1	44.68
	43	58.70	22.46	68.30	25.29	87.50	31.77	95.80	34.84	105.1	38.42	113.3	41.78	124.1	47.69
	46	58.70	24.92	68.30	27.98	87.50	35.11	95.80	38.47	105.1	42.40	113.3	46.08	124.1	52.55
	48	58.70	26.77	68.30	29.95	87.50	37.51	95.80	41.09	105.1	45.25	113.3	49.17	124.1	56.09
	50	58.70	28.72	68.30	32.06	87.50	40.08	95.80	43.87	105.1	48.32	113.3	52.48	124.1	59.88
	52	58.70	30.79	68.30	34.30	87.50	42.83	95.80	46.83	105.1	51.55	113.3	56.00	124.1	63.93
50	10	15.60	1.33	25.00	1.97	35.40	2.79	37.90	2.98	40.50	3.19	43.10	3.38	45.70	3.64
	12	15.60	1.33	25.00	1.97	35.40	2.79	37.90	2.98	40.50	3.19	43.10	3.40	45.70	3.64
	14	15.60	1.33	25.00	1.97	35.40	2.79	37.90	3.00	40.50	3.19	43.10	3.40	45.70	3.65
	16	15.60	1.33	25.00	1.96	35.40	2.81	37.90	3.00	40.50	3.21	43.10	3.43	45.70	3.67
	18	15.60	1.33	25.00	1.99	35.40	2.82	37.90	3.03	40.50	3.24	43.10	3.46	45.70	3.73
	20	15.60	1.35	25.00	1.99	35.40	2.87	37.90	3.08	40.50	3.30	43.10	3.54	45.70	3.84
	21	17.60	1.42	26.90	2.20	37.40	3.15	39.70	3.39	42.20	3.63	44.70	3.88	47.30	4.32
	23	21.80	3.03	30.90	4.49	41.10	7.56	43.60	7.77	45.90	7.99	47.90	8.18	50.40	8.52
	25	29.80	7.27	35.10	7.56	45.30	8.63	47.30	8.87	49.60	9.11	51.50	9.32	53.50	9.70
	27	30.50	7.75	39.10	8.68	49.30	9.97	51.30	10.26	53.50	10.55	55.00	10.74	59.80	11.63
	29	34.80	8.98	43.40	10.13	53.50	11.70	55.50	12.03	57.50	12.35	60.90	12.94	70.60	14.95
	31	39.40	10.64	47.90	12.00	57.80	13.88	59.50	14.25	64.60	15.29	72.20	16.79	81.60	19.13
	33	44.00	12.70	52.40	14.17	62.10	16.28	68.30	17.67	76.20	19.44	83.30	21.08	92.40	23.86
	35	49.00	15.02	57.00	16.66	72.80	20.66	79.90	22.43	87.50	24.48	94.40	26.40	103.4	29.78
	37	49.00	15.88	57.00	17.67	72.80	22.01	79.90	23.88	87.50	26.10	94.40	28.17	103.4	31.79
	39	49.00	16.84	57.00	18.79	72.80	23.47	79.90	25.49	87.50	27.87	94.40	30.06	103.4	33.94
	41	49.00	17.89	57.00	20.03	72.80	25.05	79.90	27.22	87.50	29.75	94.40	32.10	103.4	36.23
	43	49.00	19.06	57.00	21.39	72.80	26.76	79.90	29.08	87.50	31.79	94.40	34.30	103.4	38.68
	46	49.00	21.04	57.00	23.69	72.80	29.59	79.90	32.15	87.50	35.11	94.40	37.88	103.4	42.69
	48	49.00	22.54	57.00	25.43	72.80	31.66	79.90	34.36	87.50	37.52	94.40	40.45	103.4	45.57
	50	49.00	24.17	57.00	27.33	72.80	33.88	79.90	36.74	87.50	40.10	94.40	43.20	103.4	48.64
	52	49.00	25.96	57.00	29.44	72.80	36.23	79.90	39.28	87.50	42.83	94.40	46.14	103.4	51.92

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

31. ARUM680LTE6

31.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	121.8	59.45	120.9	59.96	119.8	60.47	119.5	60.70	119.0	60.96	118.1	61.46
	-24.8	-25	141.9	62.45	140.8	63.02	139.7	63.58	139.3	63.86	138.8	64.15	137.7	64.69
	-21.8	-22	154.3	64.17	153.2	64.79	152.3	65.38	151.7	65.67	151.2	65.97	150.0	66.54
	-19.8	-20	163.2	65.34	162.1	65.96	160.9	66.58	160.3	66.89	159.8	67.20	158.7	67.80
	-18.8	-19	167.8	65.91	166.4	66.56	165.3	67.19	164.7	67.50	164.1	67.81	163.0	68.42
	-16.7	-17	177.0	67.09	175.9	67.74	174.7	68.41	173.9	68.73	173.4	69.04	172.2	69.68
	-15	-15.9	182.8	67.77	181.4	68.45	180.2	69.11	179.6	69.44	178.8	69.76	177.7	70.40
	-13.7	-15	187.8	68.37	186.6	69.07	185.3	69.75	184.7	70.09	184.1	70.43	183.0	71.08
	-11.8	-13	197.4	69.50	196.0	70.21	194.8	70.91	194.0	71.25	193.4	71.59	192.0	72.27
	-9.8	-11	208.1	70.71	206.6	71.44	205.2	72.15	204.6	72.51	203.8	72.85	202.4	73.53
	-9.5	-10	213.2	71.26	211.8	72.01	210.4	72.73	209.6	73.09	208.9	73.46	207.3	74.14
	-8.5	-9.1	218.4	71.83	216.7	72.57	215.3	73.30	214.5	73.67	213.9	74.03	212.4	74.74
	-7	-7.6	227.0	72.75	225.4	73.52	223.9	74.28	223.1	74.64	222.2	75.01	220.8	75.72
	-5	-5.6	239.1	74.00	237.4	74.79	235.7	75.57	234.9	75.94	234.0	76.33	232.3	77.07
	-3	-3.7	250.9	75.21	249.2	76.03	247.5	76.82	246.6	77.21	245.8	77.61	240.9	76.87
	0	-0.7	270.5	77.18	268.7	78.00	266.8	78.84	263.5	78.28	260.4	77.69	243.7	72.15
	3	2.2	290.3	79.07	286.8	79.39	278.5	77.58	269.7	74.86	261.0	72.16	243.7	66.86
	5	4.1	302.7	79.97	295.8	78.97	278.5	73.74	269.7	71.19	261.0	68.64	243.7	63.63
	7	6	312.1	79.56	295.8	75.01	278.5	70.08	269.7	67.65	261.0	65.22	243.7	60.48
	9	7.9	313.3	75.79	295.8	71.05	278.5	66.40	269.7	64.11	261.0	61.85	243.7	57.37
	11	9.8	313.3	71.70	295.8	67.25	278.5	62.87	269.7	60.72	261.0	58.61	243.7	54.41
	13	11.8	313.3	67.56	295.8	63.40	278.5	59.34	269.7	57.31	261.0	55.34	243.7	51.41
	15	13.7	313.3	63.80	295.8	59.93	278.5	56.10	269.7	54.22	261.0	52.36	243.7	48.67
120	-30	-30.2	121.2	59.71	120.3	60.22	119.5	60.71	119.0	60.96	118.6	61.21	117.8	61.70
	-24.8	-25	141.1	62.80	140.2	63.36	139.1	63.93	138.7	64.21	138.2	64.47	137.1	65.01
	-21.8	-22	153.7	64.60	152.6	65.19	151.4	65.78	150.9	66.07	150.3	66.35	149.4	66.92
	-19.8	-20	162.3	65.80	161.2	66.42	160.1	67.02	159.5	67.33	158.9	67.61	157.8	68.21
	-18.8	-19	166.9	66.40	165.6	67.02	164.4	67.65	163.8	67.96	163.3	68.26	162.1	68.86
	-16.7	-17	176.1	67.61	175.0	68.26	173.6	68.91	173.0	69.22	172.5	69.53	171.3	70.15
	-15	-15.9	181.6	68.32	180.5	68.98	179.1	69.65	178.5	69.96	177.9	70.28	176.8	70.92
	-13.7	-15	186.7	68.97	185.5	69.65	184.4	70.32	183.8	70.66	183.0	70.97	181.9	71.62
	-11.8	-13	196.3	70.13	194.9	70.84	193.5	71.52	192.9	71.85	192.3	72.19	190.9	72.84
	-9.8	-11	206.9	71.40	205.2	72.11	203.8	72.81	203.2	73.15	202.4	73.49	201.2	74.17
	-9.5	-10	211.8	71.98	210.4	72.71	208.9	73.42	208.1	73.78	207.5	74.12	206.1	74.80
	-8.5	-9.1	216.9	72.58	215.3	73.31	213.8	74.02	213.0	74.38	212.4	74.73	211.0	75.43
	-7	-7.6	225.3	73.54	223.9	74.29	222.2	75.03	221.4	75.39	220.8	75.76	217.9	75.87
	-5	-5.6	237.1	74.86	235.4	75.65	233.9	76.41	233.1	76.77	231.9	76.95	224.9	75.13
	-3	-3.7	248.9	76.16	247.2	76.95	245.5	77.73	242.8	77.27	239.9	76.67	224.9	71.48
	0	-0.7	268.1	78.24	264.9	78.48	257.0	76.61	249.0	73.93	240.9	71.29	224.9	66.06
	3	2.2	284.4	78.95	273.1	75.91	257.0	70.94	249.0	68.48	240.9	66.05	224.9	61.27
	5	4.1	289.0	76.95	273.1	72.16	257.0	67.48	249.0	65.16	240.9	62.87	224.9	58.36
	7	6	289.0	73.11	273.1	68.58	257.0	64.12	249.0	61.94	240.9	59.77	224.9	55.49
	9	7.9	289.0	69.26	273.1	64.99	257.0	60.81	249.0	58.75	240.9	56.70	224.9	52.67
	11	9.8	289.0	65.55	273.1	61.56	257.0	57.62	249.0	55.68	240.9	53.77	224.9	49.98
	13	11.8	289.0	61.83	273.1	58.10	257.0	54.42	249.0	52.61	240.9	50.82	224.9	47.26

31. ARUM680LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	289.0	58.44	273.1	54.95	257.0	51.50	249.0	49.81	240.9	48.11	224.9	44.80
110	-30	-30.2	120.6	60.03	119.8	60.54	118.9	61.02	118.6	61.28	118.1	61.51	117.2	61.99
	-24.8	-25	140.5	63.23	139.4	63.77	138.5	64.33	137.9	64.59	137.4	64.87	136.5	65.38
	-21.8	-22	152.8	65.07	151.7	65.66	150.6	66.25	150.0	66.53	149.5	66.81	148.6	67.38
	-19.8	-20	161.4	66.32	160.3	66.94	159.2	67.53	158.6	67.82	158.1	68.13	156.9	68.69
	-18.8	-19	165.8	66.95	164.6	67.57	163.5	68.17	162.9	68.48	162.4	68.78	161.3	69.36
	-16.7	-17	175.0	68.22	173.8	68.86	172.5	69.49	171.9	69.80	171.3	70.11	170.2	70.70
	-15	-15.9	180.4	68.96	179.3	69.61	177.9	70.26	177.3	70.57	176.8	70.88	175.6	71.50
	-13.7	-15	185.5	69.65	184.3	70.31	183.2	70.98	182.4	71.30	181.8	71.61	180.7	72.25
	-11.8	-13	194.8	70.86	193.4	71.56	192.2	72.21	191.4	72.55	190.9	72.86	189.5	73.51
	-9.8	-11	205.2	72.18	203.7	72.89	202.3	73.59	201.7	73.90	200.9	74.24	198.8	74.52
	-9.5	-10	210.1	72.81	208.7	73.52	207.2	74.22	206.6	74.56	205.8	74.90	202.2	74.44
	-8.5	-9.1	215.0	73.44	213.5	74.15	212.1	74.85	211.3	75.20	210.7	75.53	205.6	74.38
	-7	-7.6	223.5	74.48	221.9	75.19	220.4	75.92	219.3	76.12	216.6	75.52	206.2	71.85
	-5	-5.6	235.0	75.87	233.4	76.63	229.9	76.48	227.1	75.92	221.0	73.65	206.2	68.26
	-3	-3.7	246.6	77.25	243.4	77.34	235.5	75.26	228.3	72.65	221.0	70.06	206.2	64.97
	0	-0.7	262.0	77.93	250.2	74.39	235.5	69.54	228.3	67.16	221.0	64.78	206.2	60.12
	3	2.2	265.0	73.41	250.2	68.88	235.5	64.46	228.3	62.26	221.0	60.09	206.2	55.83
	5	4.1	265.0	69.80	250.2	65.55	235.5	61.35	228.3	59.29	221.0	57.25	206.2	53.21
	7	6	265.0	66.35	250.2	62.31	235.5	58.33	228.3	56.36	221.0	54.42	206.2	50.60
	9	7.9	265.0	62.90	250.2	59.09	235.5	55.35	228.3	53.51	221.0	51.69	206.2	48.07
	11	9.8	265.0	59.59	250.2	56.02	235.5	52.50	228.3	50.76	221.0	49.05	206.2	45.66
	13	11.8	265.0	56.24	250.2	52.90	235.5	49.62	228.3	47.99	221.0	46.39	206.2	43.21
	15	13.7	265.0	53.21	250.2	50.09	235.5	47.01	228.3	45.47	221.0	43.96	206.2	40.98
100	-30	-30.2	120.0	60.41	119.2	60.89	118.3	61.40	117.8	61.63	117.5	61.86	116.6	62.34
	-24.8	-25	139.6	63.72	138.5	64.26	137.6	64.80	137.1	65.05	136.7	65.33	135.7	65.84
	-21.8	-22	151.7	65.64	150.6	66.23	149.7	66.79	149.1	67.06	148.6	67.34	147.7	67.90
	-19.8	-20	160.3	66.95	159.1	67.55	158.0	68.12	157.5	68.42	156.9	68.71	155.8	69.27
	-18.8	-19	164.6	67.61	163.5	68.21	162.3	68.80	161.8	69.11	161.2	69.39	160.1	69.96
	-16.7	-17	173.6	68.94	172.4	69.56	171.3	70.18	170.7	70.49	170.1	70.77	169.0	71.36
	-15	-15.9	179.0	69.73	177.8	70.36	176.5	70.98	175.9	71.29	175.3	71.60	174.2	72.19
	-13.7	-15	184.0	70.44	182.9	71.11	181.8	71.74	181.2	72.05	180.6	72.38	179.5	72.98
	-11.8	-13	193.1	71.72	191.9	72.39	190.5	73.04	189.9	73.36	189.2	73.67	185.3	72.86
	-9.8	-11	203.2	73.13	202.0	73.81	200.6	74.48	199.4	74.61	197.1	74.02	187.3	70.40
	-9.5	-10	208.1	73.79	206.6	74.47	205.2	75.13	202.8	74.54	200.5	73.97	187.3	68.78
	-8.5	-9.1	212.9	74.45	211.5	75.15	208.6	75.06	206.0	74.48	200.9	72.51	187.3	67.24
	-7	-7.6	221.2	75.55	219.1	76.02	214.2	74.95	207.4	72.36	200.9	69.81	187.3	64.76
	-5	-5.6	232.1	76.85	226.9	75.85	214.2	71.18	207.4	68.75	200.9	66.33	187.3	61.56
	-3	-3.7	239.9	76.67	227.5	72.42	214.2	67.74	207.4	65.42	200.9	63.13	187.3	58.64
	0	-0.7	240.9	71.29	227.5	66.93	214.2	62.66	207.4	60.54	200.9	58.46	187.3	54.32
	3	2.2	240.9	66.05	227.5	62.06	214.2	58.14	207.4	56.22	200.9	54.28	187.3	50.49
	5	4.1	240.9	62.87	227.5	59.11	214.2	55.40	207.4	53.57	200.9	51.75	187.3	48.16
	7	6	240.9	59.77	227.5	56.19	214.2	52.68	207.4	50.94	200.9	49.23	187.3	45.83
	9	7.9	240.9	56.70	227.5	53.35	214.2	50.04	207.4	48.41	200.9	46.78	187.3	43.57
	11	9.8	240.9	53.77	227.5	50.62	214.2	47.51	207.4	45.97	200.9	44.44	187.3	41.42
	13	11.8	240.9	50.82	227.5	47.85	214.2	44.94	207.4	43.49	200.9	42.06	187.3	39.25
	15	13.7	240.9	48.13	227.5	45.33	214.2	42.60	207.4	41.25	200.9	39.91	187.3	37.25

31. ARUM680LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	119.2	60.87	118.3	61.35	117.5	61.83	117.2	62.06	116.6	62.29	116.0	62.76
	-24.8	-25	138.5	64.30	137.6	64.84	136.5	65.37	136.2	65.63	135.6	65.88	134.7	66.39
	-21.8	-22	150.5	66.33	149.4	66.89	148.5	67.44	147.9	67.72	147.4	67.97	146.5	68.51
	-19.8	-20	158.8	67.70	157.7	68.27	156.6	68.84	156.1	69.12	155.7	69.40	154.6	69.94
	-18.8	-19	163.2	68.39	162.0	68.99	160.9	69.55	160.3	69.84	159.8	70.12	158.7	70.68
	-16.7	-17	172.1	69.80	170.9	70.40	169.6	71.01	169.0	71.30	168.4	71.58	165.6	71.05
	-15	-15.9	177.3	70.63	176.1	71.25	175.0	71.85	174.4	72.15	173.5	72.29	168.6	70.81
	-13.7	-15	182.3	71.41	181.2	72.04	180.0	72.66	179.3	72.89	177.1	72.29	168.6	68.84
	-11.8	-13	191.1	72.75	189.9	73.38	187.3	73.35	185.1	72.80	180.7	71.07	168.6	65.94
	-9.8	-11	201.1	74.25	198.6	74.34	192.7	72.61	186.7	70.12	180.7	67.67	168.6	62.83
	-9.5	-10	205.7	74.94	201.8	74.30	192.7	70.93	186.7	68.52	180.7	66.11	168.6	61.41
	-8.5	-9.1	209.6	75.22	204.8	74.10	192.7	69.34	186.7	66.98	180.7	64.66	168.6	60.05
	-7	-7.6	215.2	75.16	204.8	71.34	192.7	66.77	186.7	64.51	180.7	62.28	168.6	57.85
	-5	-5.6	216.8	72.17	204.8	67.78	192.7	63.45	186.7	61.33	180.7	59.22	168.6	55.04
	-3	-3.7	216.8	68.67	204.8	64.52	192.7	60.42	186.7	58.41	180.7	56.41	168.6	52.45
	0	-0.7	216.8	63.51	204.8	59.70	192.7	55.96	186.7	54.12	180.7	52.29	168.6	48.67
	3	2.2	216.8	58.93	204.8	55.44	192.7	52.01	186.7	50.32	180.7	48.64	168.6	45.31
	5	4.1	216.8	56.13	204.8	52.84	192.7	49.59	186.7	47.99	180.7	46.40	168.6	43.24
	7	6	216.8	53.38	204.8	50.26	192.7	47.18	186.7	45.67	180.7	44.16	168.6	41.17
	9	7.9	216.8	50.70	204.8	47.76	192.7	44.86	186.7	43.43	180.7	42.00	168.6	39.19
	11	9.8	216.8	48.13	204.8	45.36	192.7	42.62	186.7	41.28	180.7	39.94	168.6	37.27
	13	11.8	216.8	45.52	204.8	42.93	192.7	40.36	186.7	39.11	180.7	37.83	168.6	35.36
	15	13.7	216.8	43.15	204.8	40.72	192.7	38.30	186.7	37.11	180.7	35.94	168.6	33.61
80	-30	-30.2	118.3	61.42	117.4	61.88	116.6	62.36	116.3	62.58	115.8	62.81	115.1	63.26
	-24.8	-25	137.3	65.02	136.2	65.54	135.3	66.05	134.8	66.30	134.4	66.55	133.6	67.06
	-21.8	-22	148.8	67.17	147.9	67.71	146.8	68.24	146.5	68.50	145.9	68.76	144.5	68.91
	-19.8	-20	157.1	68.60	156.0	69.17	155.1	69.73	154.5	69.99	153.8	70.17	149.9	68.94
	-18.8	-19	161.4	69.35	160.3	69.91	159.2	70.48	158.6	70.74	156.6	70.17	149.9	67.32
	-16.7	-17	170.0	70.84	168.9	71.43	166.6	71.30	164.6	70.76	160.6	69.09	149.9	64.18
	-15	-15.9	175.2	71.73	174.1	72.32	170.0	71.31	166.0	69.59	160.6	67.18	149.9	62.38
	-13.7	-15	180.2	72.57	177.5	72.39	171.4	70.05	166.0	67.64	160.6	65.26	149.9	60.59
	-11.8	-13	187.3	73.31	182.1	71.66	171.4	67.09	166.0	64.81	160.6	62.54	149.9	58.07
	-9.8	-11	192.7	72.61	182.1	68.21	171.4	63.91	166.0	61.76	160.6	59.64	149.9	55.47
	-9.5	-10	192.7	70.93	182.1	66.65	171.4	62.44	166.0	60.37	160.6	58.31	149.9	54.23
	-8.5	-9.1	192.7	69.34	182.1	65.17	171.4	61.07	166.0	59.04	160.6	57.01	149.9	53.04
	-7	-7.6	192.7	66.77	182.1	62.76	171.4	58.83	166.0	56.89	160.6	54.95	149.9	51.14
	-5	-5.6	192.7	63.45	182.1	59.69	171.4	55.97	166.0	54.12	160.6	52.29	149.9	48.69
	-3	-3.7	192.7	60.42	182.1	56.86	171.4	53.32	166.0	51.60	160.6	49.87	149.9	46.45
	0	-0.7	192.7	55.96	182.1	52.69	171.4	49.46	166.0	47.87	160.6	46.29	149.9	43.16
	3	2.2	192.7	52.01	182.1	49.00	171.4	46.04	166.0	44.58	160.6	43.10	149.9	40.23
	5	4.1	192.7	49.59	182.1	46.74	171.4	43.94	166.0	42.54	160.6	41.15	149.9	38.42
	7	6	192.7	47.18	182.1	44.49	171.4	41.82	166.0	40.51	160.6	39.20	149.9	36.61
	9	7.9	192.7	44.86	182.1	42.31	171.4	39.81	166.0	38.56	160.6	37.33	149.9	34.89
	11	9.8	192.7	42.62	182.1	40.22	171.4	37.86	166.0	36.69	160.6	35.52	149.9	33.22
	13	11.8	192.7	40.36	182.1	38.13	171.4	35.91	166.0	34.80	160.6	33.72	149.9	31.56
	15	13.7	192.7	38.30	182.1	36.19	171.4	34.11	166.0	33.08	160.6	32.06	149.9	30.01
70	-30	-30.2	117.1	62.12	116.3	62.57	115.4	63.02	115.1	63.25	114.6	63.48	114.0	63.92

31. ARUM680LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	135.5	65.92	134.7	66.43	133.8	66.91	133.3	67.16	133.0	67.39	130.0	66.48
	-21.8	-22	147.0	68.19	145.9	68.72	144.5	68.87	142.7	68.33	140.5	67.48	131.2	62.73
	-19.8	-20	155.1	69.73	153.5	69.96	149.9	68.94	145.3	66.64	140.5	64.37	131.2	59.85
	-18.8	-19	159.1	70.53	156.3	69.99	149.9	67.32	145.3	65.08	140.5	62.87	131.2	58.46
	-16.7	-17	165.6	71.01	159.3	68.46	149.9	64.18	145.3	62.06	140.5	59.94	131.2	55.77
	-15	-15.9	168.6	70.81	159.3	66.58	149.9	62.38	145.3	60.29	140.5	58.22	131.2	54.13
	-13.7	-15	168.6	68.84	159.3	64.69	149.9	60.59	145.3	58.56	140.5	56.55	131.2	52.58
	-11.8	-13	168.6	65.94	159.3	61.97	149.9	58.07	145.3	56.12	140.5	54.21	131.2	50.43
	-9.8	-11	168.6	62.83	159.3	59.11	149.9	55.47	145.3	53.66	140.5	51.85	131.2	48.24
	-9.5	-10	168.6	61.41	159.3	57.80	149.9	54.23	145.3	52.46	140.5	50.71	131.2	47.26
	-8.5	-9.1	168.6	60.05	159.3	56.53	149.9	53.04	145.3	51.32	140.5	49.61	131.2	46.24
	-7	-7.6	168.6	57.85	159.3	54.47	149.9	51.14	145.3	49.49	140.5	47.86	131.2	44.61
	-5	-5.6	168.6	55.04	159.3	51.84	149.9	48.70	145.3	47.13	140.5	45.59	131.2	42.51
	-3	-3.7	168.6	52.45	159.3	49.44	149.9	46.45	145.3	44.97	140.5	43.51	131.2	40.60
	0	-0.7	168.6	48.67	159.3	45.90	149.9	43.16	145.3	41.80	140.5	40.46	131.2	37.78
	3	2.2	168.6	45.31	159.3	42.76	149.9	40.23	145.3	38.98	140.5	37.75	131.2	35.28
	5	4.1	168.6	43.24	159.3	40.81	149.9	38.42	145.3	37.22	140.5	36.05	131.2	33.72
	7	6	168.6	41.17	159.3	38.89	149.9	36.61	145.3	35.50	140.5	34.38	131.2	32.17
	9	7.9	168.6	39.19	159.3	37.02	149.9	34.89	145.3	33.83	140.5	32.78	131.2	30.70
	11	9.8	168.6	37.27	159.3	35.24	149.9	33.22	145.3	32.23	140.5	31.23	131.2	29.27
	13	11.8	168.6	35.36	159.3	33.44	149.9	31.56	145.3	30.62	140.5	29.68	131.2	27.83
	15	13.7	168.6	33.61	159.3	31.81	149.9	30.01	145.3	29.13	140.5	28.27	131.2	26.51
60	-30	-30.2	115.4	63.02	114.8	63.47	114.0	63.91	113.6	64.12	113.1	64.34	110.9	63.57
	-24.8	-25	133.5	67.08	132.0	67.10	128.6	65.87	124.4	63.72	120.4	61.57	112.5	57.32
	-21.8	-22	142.5	68.23	136.6	65.44	128.6	61.40	124.4	59.39	120.4	57.41	112.5	53.46
	-19.8	-20	144.5	66.31	136.6	62.43	128.6	58.58	124.4	56.69	120.4	54.80	112.5	51.05
	-18.8	-19	144.5	64.77	136.6	60.97	128.6	57.24	124.4	55.38	120.4	53.53	112.5	49.89
	-16.7	-17	144.5	61.75	136.6	58.16	128.6	54.60	124.4	52.83	120.4	51.09	112.5	47.63
	-15	-15.9	144.5	60.00	136.6	56.47	128.6	52.98	124.4	51.26	120.4	49.55	112.5	46.15
	-13.7	-15	144.5	58.28	136.6	54.86	128.6	51.48	124.4	49.80	120.4	48.14	112.5	44.86
	-11.8	-13	144.5	55.86	136.6	52.57	128.6	49.34	124.4	47.74	120.4	46.17	112.5	43.03
	-9.8	-11	144.5	53.39	136.6	50.29	128.6	47.22	124.4	45.68	120.4	44.17	112.5	41.18
	-9.5	-10	144.5	52.20	136.6	49.22	128.6	46.28	124.4	44.80	120.4	43.36	112.5	40.47
	-8.5	-9.1	144.5	51.07	136.6	48.15	128.6	45.29	124.4	43.86	120.4	42.44	112.5	39.62
	-7	-7.6	144.5	49.26	136.6	46.46	128.6	43.69	124.4	42.32	120.4	40.96	112.5	38.25
	-5	-5.6	144.5	46.90	136.6	44.27	128.6	41.65	124.4	40.36	120.4	39.06	112.5	36.52
	-3	-3.7	144.5	44.77	136.6	42.25	128.6	39.77	124.4	38.55	120.4	37.32	112.5	34.90
	0	-0.7	144.5	41.60	136.6	39.31	128.6	37.03	124.4	35.89	120.4	34.78	112.5	32.54
	3	2.2	144.5	38.81	136.6	36.69	128.6	34.58	124.4	33.55	120.4	32.51	112.5	30.46
	5	4.1	144.5	37.06	136.6	35.05	128.6	33.06	124.4	32.06	120.4	31.07	112.5	29.13
	7	6	144.5	35.33	136.6	33.44	128.6	31.54	124.4	30.62	120.4	29.68	112.5	27.83
	9	7.9	144.5	33.69	136.6	31.89	128.6	30.10	124.4	29.21	120.4	28.33	112.5	26.59
	11	9.8	144.5	32.09	136.6	30.40	128.6	28.71	124.4	27.88	120.4	27.06	112.5	25.41
	13	11.8	144.5	30.48	136.6	28.88	128.6	27.31	124.4	26.53	120.4	25.74	112.5	24.20
	15	13.7	144.5	29.02	136.6	27.50	128.6	26.02	124.4	25.30	120.4	24.56	112.5	23.10
50	-30	-30.2	113.3	64.25	111.5	63.73	107.1	61.51	103.7	59.53	100.3	57.55	93.80	53.65
	-24.8	-25	120.4	61.57	113.9	58.03	107.1	54.53	103.7	52.78	100.3	51.06	93.80	47.63

31. ARUM680LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	120.4	57.41	113.9	54.13	107.1	50.87	103.7	49.27	100.3	47.67	93.80	44.50
	-19.8	-20	120.4	54.80	113.9	51.67	107.1	48.58	103.7	47.06	100.3	45.55	93.80	42.52
	-18.8	-19	120.4	53.55	113.9	50.49	107.1	47.48	103.7	45.99	100.3	44.51	93.80	41.57
	-16.7	-17	120.4	51.09	113.9	48.20	107.1	45.34	103.7	43.93	100.3	42.51	93.80	39.72
	-15	-15.9	120.4	49.55	113.9	46.71	107.1	43.94	103.7	42.54	100.3	41.17	93.80	38.46
	-13.7	-15	120.4	48.14	113.9	45.39	107.1	42.70	103.7	41.36	100.3	40.02	93.80	37.39
	-11.8	-13	120.4	46.17	113.9	43.54	107.1	40.96	103.7	39.68	100.3	38.40	93.80	35.89
	-9.8	-11	120.4	44.17	113.9	41.68	107.1	39.22	103.7	38.00	100.3	36.77	93.80	34.38
	-9.5	-10	120.4	43.36	113.9	40.96	107.1	38.57	103.7	37.40	100.3	36.23	93.80	33.90
	-8.5	-9.1	120.4	42.44	113.9	40.10	107.1	37.78	103.7	36.62	100.3	35.48	93.80	33.20
	-7	-7.6	120.4	40.96	113.9	38.70	107.1	36.47	103.7	35.38	100.3	34.28	93.80	32.11
	-5	-5.6	120.4	39.06	113.9	36.94	107.1	34.82	103.7	33.77	100.3	32.74	93.80	30.67
	-3	-3.7	120.4	37.32	113.9	35.32	107.1	33.32	103.7	32.32	100.3	31.33	93.80	29.37
	0	-0.7	120.4	34.78	113.9	32.92	107.1	31.07	103.7	30.16	100.3	29.25	93.80	27.45
	3	2.2	120.4	32.51	113.9	30.79	107.1	29.10	103.7	28.27	100.3	27.42	93.80	25.75
	5	4.1	120.4	31.07	113.9	29.46	107.1	27.84	103.7	27.04	100.3	26.24	93.80	24.67
	7	6	120.4	29.68	113.9	28.14	107.1	26.62	103.7	25.85	100.3	25.11	93.80	23.62
	9	7.9	120.4	28.33	113.9	26.89	107.1	25.44	103.7	24.72	100.3	24.01	93.80	22.61
	11	9.8	120.4	27.06	113.9	25.68	107.1	24.31	103.7	23.65	100.3	22.97	93.80	21.63
	13	11.8	120.4	25.74	113.9	24.45	107.1	23.18	103.7	22.53	100.3	21.90	93.80	20.64
	15	13.7	120.4	24.56	113.9	23.33	107.1	22.12	103.7	21.54	100.3	20.94	93.80	19.74

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

31. ARUM680LTE6

31.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	121.8	59.45	120.9	59.96	119.8	60.47	119.5	60.70	119.0	60.96	118.1	61.46
	-24.8	-25	141.9	62.45	140.8	63.02	139.7	63.58	139.3	63.86	138.8	64.15	137.7	64.69
	-21.8	-22	154.3	64.17	153.2	64.79	152.3	65.38	151.7	65.67	151.2	65.97	150.0	66.54
	-19.8	-20	163.2	65.34	162.1	65.96	160.9	66.58	160.3	66.89	159.8	67.20	158.7	67.80
	-18.8	-19	167.8	65.91	166.4	66.56	165.3	67.19	164.7	67.50	164.1	67.81	163.0	68.42
	-16.7	-17	177.0	67.09	175.9	67.74	174.7	68.41	173.9	68.73	173.4	69.04	172.2	69.68
	-15	-15.9	182.8	67.77	181.4	68.45	180.2	69.11	179.6	69.44	178.8	69.76	177.7	70.40
	-13.7	-15	187.8	68.37	186.6	69.07	185.3	69.75	184.7	70.09	184.1	70.43	183.0	71.08
	-11.8	-13	197.4	69.50	196.0	70.21	194.8	70.91	194.0	71.25	193.4	71.59	192.0	72.27
	-9.8	-11	208.1	70.71	206.6	71.44	205.2	72.15	204.6	72.51	203.8	72.85	202.4	73.53
	-9.5	-10	213.2	71.26	211.8	72.01	210.4	72.73	209.6	73.09	208.9	73.46	207.3	74.14
	-8.5	-9.1	218.4	71.83	216.7	72.57	215.3	73.30	214.5	73.67	213.9	74.03	212.4	74.74
	-7	-7.6	227.0	72.75	225.4	73.52	223.9	74.28	223.1	74.64	222.2	75.01	220.8	75.72
	-5	-5.6	239.1	74.00	237.4	74.79	235.7	75.57	234.9	75.94	234.0	76.33	232.3	77.07
	-3	-3.7	250.9	75.21	249.2	76.03	247.5	76.82	246.6	77.21	245.8	77.61	240.9	76.87
	0	-0.7	270.5	77.18	268.7	78.00	266.8	78.84	263.5	78.28	260.4	77.69	243.7	72.15
	3	2.2	290.3	79.07	286.8	79.39	278.5	77.58	269.7	74.86	261.0	72.16	243.7	66.86
	5	4.1	296.4	77.47	278.8	72.32	261.3	67.25	252.5	64.76	243.7	62.28	226.1	57.42
	7	6	279.3	67.17	261.5	62.42	243.7	57.79	234.9	55.50	225.8	53.23	208.0	48.76
	9	7.9	261.5	57.59	243.6	53.31	225.5	49.09	216.5	47.02	207.4	44.97	189.3	40.91
	11	9.8	243.1	48.89	225.0	45.05	206.8	41.25	197.7	39.40	188.4	37.53	170.0	33.86
	13	11.8	224.1	40.93	205.7	37.50	187.3	34.13	178.2	32.46	168.9	30.80	150.1	27.53
	15	13.7	204.3	33.91	185.9	30.88	167.2	27.88	157.8	26.39	148.5	24.93	129.5	22.01
120	-30	-30.2	121.2	59.71	120.3	60.22	119.5	60.71	119.0	60.96	118.6	61.21	117.8	61.70
	-24.8	-25	141.1	62.80	140.2	63.36	139.1	63.93	138.7	64.21	138.2	64.47	137.1	65.01
	-21.8	-22	153.7	64.60	152.6	65.19	151.4	65.78	150.9	66.07	150.3	66.35	149.4	66.92
	-19.8	-20	162.3	65.80	161.2	66.42	160.1	67.02	159.5	67.33	158.9	67.61	157.8	68.21
	-18.8	-19	166.9	66.40	165.6	67.02	164.4	67.65	163.8	67.96	163.3	68.26	162.1	68.86
	-16.7	-17	176.1	67.61	175.0	68.26	173.6	68.91	173.0	69.22	172.5	69.53	171.3	70.15
	-15	-15.9	181.6	68.32	180.5	68.98	179.1	69.65	178.5	69.96	177.9	70.28	176.8	70.92
	-13.7	-15	186.7	68.97	185.5	69.65	184.4	70.32	183.8	70.66	183.0	70.97	181.9	71.62
	-11.8	-13	196.3	70.13	194.9	70.84	193.5	71.52	192.9	71.85	192.3	72.19	190.9	72.84
	-9.8	-11	206.9	71.40	205.2	72.11	203.8	72.81	203.2	73.15	202.4	73.49	201.2	74.17
	-9.5	-10	211.8	71.98	210.4	72.71	208.9	73.42	208.1	73.78	207.5	74.12	206.1	74.80
	-8.5	-9.1	216.9	72.58	215.3	73.31	213.8	74.02	213.0	74.38	212.4	74.73	211.0	75.43
	-7	-7.6	225.3	73.54	223.9	74.29	222.2	75.03	221.4	75.39	220.8	75.76	217.9	75.87
	-5	-5.6	237.1	74.86	235.4	75.65	233.9	76.41	233.1	76.77	231.9	76.95	224.9	75.13
	-3	-3.7	248.9	76.16	247.2	76.95	245.5	77.73	242.8	77.27	239.9	76.67	224.9	71.48
	0	-0.7	268.1	78.24	264.9	78.48	257.0	76.61	249.0	73.93	240.9	71.29	224.9	66.06
	3	2.2	284.4	78.95	273.1	75.91	257.0	70.94	249.0	68.48	240.9	66.05	224.9	61.27
	5	4.1	273.7	70.79	257.5	66.15	241.2	61.59	233.2	59.34	225.0	57.11	208.8	52.72
	7	6	257.8	61.43	241.4	57.17	225.0	53.00	216.8	50.92	208.5	48.90	192.1	44.84
	9	7.9	241.4	52.77	224.7	48.92	208.2	45.13	200.0	43.26	191.5	41.39	174.8	37.71
	11	9.8	224.4	44.91	207.7	41.44	190.9	38.01	182.5	36.33	174.0	34.64	157.0	31.31
	13	11.8	206.8	37.69	189.9	34.58	172.9	31.52	164.4	30.02	155.8	28.52	138.5	25.54

31. ARUM680LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	188.7	31.32	171.5	28.57	154.4	25.84	145.7	24.51	137.1	23.17	119.5	20.52
110	-30	-30.2	120.6	60.03	119.8	60.54	118.9	61.02	118.6	61.28	118.1	61.51	117.2	61.99
	-24.8	-25	140.5	63.23	139.4	63.77	138.5	64.33	137.9	64.59	137.4	64.87	136.5	65.38
	-21.8	-22	152.8	65.07	151.7	65.66	150.6	66.25	150.0	66.53	149.5	66.81	148.6	67.38
	-19.8	-20	161.4	66.32	160.3	66.94	159.2	67.53	158.6	67.82	158.1	68.13	156.9	68.69
	-18.8	-19	165.8	66.95	164.6	67.57	163.5	68.17	162.9	68.48	162.4	68.78	161.3	69.36
	-16.7	-17	175.0	68.22	173.8	68.86	172.5	69.49	171.9	69.80	171.3	70.11	170.2	70.70
	-15	-15.9	180.4	68.96	179.3	69.61	177.9	70.26	177.3	70.57	176.8	70.88	175.6	71.50
	-13.7	-15	185.5	69.65	184.3	70.31	183.2	70.98	182.4	71.30	181.8	71.61	180.7	72.25
	-11.8	-13	194.8	70.86	193.4	71.56	192.2	72.21	191.4	72.55	190.9	72.86	189.5	73.51
	-9.8	-11	205.2	72.18	203.7	72.89	202.3	73.59	201.7	73.90	200.9	74.24	198.8	74.52
	-9.5	-10	210.1	72.81	208.7	73.52	207.2	74.22	206.6	74.56	205.8	74.90	202.2	74.44
	-8.5	-9.1	215.0	73.44	213.5	74.15	212.1	74.85	211.3	75.20	210.7	75.53	205.6	74.38
	-7	-7.6	223.5	74.48	221.9	75.19	220.4	75.92	219.3	76.12	216.6	75.52	206.2	71.85
	-5	-5.6	235.0	75.87	233.4	76.63	229.9	76.48	227.1	75.92	221.0	73.65	206.2	68.26
	-3	-3.7	246.6	77.25	243.4	77.34	235.5	75.26	228.3	72.65	221.0	70.06	206.2	64.97
	0	-0.7	262.0	77.93	250.2	74.39	235.5	69.54	228.3	67.16	221.0	64.78	206.2	60.12
	3	2.2	265.0	73.41	250.2	68.88	235.5	64.46	228.3	62.26	221.0	60.09	206.2	55.83
	5	4.1	250.8	64.28	236.0	60.15	221.2	56.07	213.7	54.07	206.3	52.07	191.3	48.12
	7	6	236.3	55.87	221.3	52.07	206.3	48.33	198.6	46.49	191.2	44.64	176.0	41.03
	9	7.9	221.3	48.08	206.0	44.63	190.9	41.25	183.3	39.57	175.6	37.90	160.1	34.59
	11	9.8	205.7	41.02	190.4	37.90	175.1	34.83	167.2	33.31	159.5	31.81	143.9	28.81
	13	11.8	189.5	34.52	174.0	31.74	158.6	29.00	150.7	27.62	142.8	26.29	127.0	23.59
	15	13.7	172.8	28.77	157.2	26.31	141.4	23.85	133.5	22.64	125.5	21.43	109.4	19.05
100	-30	-30.2	120.0	60.41	119.2	60.89	118.3	61.40	117.8	61.63	117.5	61.86	116.6	62.34
	-24.8	-25	139.6	63.72	138.5	64.26	137.6	64.80	137.1	65.05	136.7	65.33	135.7	65.84
	-21.8	-22	151.7	65.64	150.6	66.23	149.7	66.79	149.1	67.06	148.6	67.34	147.7	67.90
	-19.8	-20	160.3	66.95	159.1	67.55	158.0	68.12	157.5	68.42	156.9	68.71	155.8	69.27
	-18.8	-19	164.6	67.61	163.5	68.21	162.3	68.80	161.8	69.11	161.2	69.39	160.1	69.96
	-16.7	-17	173.6	68.94	172.4	69.56	171.3	70.18	170.7	70.49	170.1	70.77	169.0	71.36
	-15	-15.9	179.0	69.73	177.8	70.36	176.5	70.98	175.9	71.29	175.3	71.60	174.2	72.19
	-13.7	-15	184.0	70.44	182.9	71.11	181.8	71.74	181.2	72.05	180.6	72.38	179.5	72.98
	-11.8	-13	193.1	71.72	191.9	72.39	190.5	73.04	189.9	73.36	189.2	73.67	185.3	72.86
	-9.8	-11	203.2	73.13	202.0	73.81	200.6	74.48	199.4	74.61	197.1	74.02	187.3	70.40
	-9.5	-10	208.1	73.79	206.6	74.47	205.2	75.13	202.8	74.54	200.5	73.97	187.3	68.78
	-8.5	-9.1	212.9	74.45	211.5	75.15	208.6	75.06	206.0	74.48	200.9	72.51	187.3	67.24
	-7	-7.6	221.2	75.55	219.1	76.02	214.2	74.95	207.4	72.36	200.9	69.81	187.3	64.76
	-5	-5.6	232.1	76.85	226.9	75.85	214.2	71.18	207.4	68.75	200.9	66.33	187.3	61.56
	-3	-3.7	239.9	76.67	227.5	72.42	214.2	67.74	207.4	65.42	200.9	63.13	187.3	58.64
	0	-0.7	240.9	71.29	227.5	66.93	214.2	62.66	207.4	60.54	200.9	58.46	187.3	54.32
	3	2.2	240.9	66.05	227.5	62.06	214.2	58.14	207.4	56.22	200.9	54.28	187.3	50.49
	5	4.1	228.1	57.96	214.5	54.30	201.1	50.70	194.3	48.91	187.5	47.14	173.9	43.62
	7	6	214.8	50.44	201.2	47.08	187.5	43.77	180.7	42.13	173.7	40.50	160.1	37.27
	9	7.9	201.2	43.52	187.3	40.47	173.4	37.45	166.6	35.95	159.5	34.48	145.6	31.54
	11	9.8	187.0	37.22	173.1	34.47	159.0	31.72	152.1	30.37	145.0	29.03	130.9	26.36
	13	11.8	172.3	31.41	158.4	28.94	144.2	26.49	137.1	25.27	129.8	24.08	115.4	21.67
	15	13.7	157.2	26.28	143.0	24.07	128.6	21.90	121.5	20.81	114.2	19.73	99.50	17.60

31. ARUM680LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	119.2	60.87	118.3	61.35	117.5	61.83	117.2	62.06	116.6	62.29	116.0	62.76
	-24.8	-25	138.5	64.30	137.6	64.84	136.5	65.37	136.2	65.63	135.6	65.88	134.7	66.39
	-21.8	-22	150.5	66.33	149.4	66.89	148.5	67.44	147.9	67.72	147.4	67.97	146.5	68.51
	-19.8	-20	158.8	67.70	157.7	68.27	156.6	68.84	156.1	69.12	155.7	69.40	154.6	69.94
	-18.8	-19	163.2	68.39	162.0	68.99	160.9	69.55	160.3	69.84	159.8	70.12	158.7	70.68
	-16.7	-17	172.1	69.80	170.9	70.40	169.6	71.01	169.0	71.30	168.4	71.58	165.6	71.05
	-15	-15.9	177.3	70.63	176.1	71.25	175.0	71.85	174.4	72.15	173.5	72.29	168.6	70.81
	-13.7	-15	182.3	71.41	181.2	72.04	180.0	72.66	179.3	72.89	177.1	72.29	168.6	68.84
	-11.8	-13	191.1	72.75	189.9	73.38	187.3	73.35	185.1	72.80	180.7	71.07	168.6	65.94
	-9.8	-11	201.1	74.25	198.6	74.34	192.7	72.61	186.7	70.12	180.7	67.67	168.6	62.83
	-9.5	-10	205.7	74.94	201.8	74.30	192.7	70.93	186.7	68.52	180.7	66.11	168.6	61.41
	-8.5	-9.1	209.6	75.22	204.8	74.10	192.7	69.34	186.7	66.98	180.7	64.66	168.6	60.05
	-7	-7.6	215.2	75.16	204.8	71.34	192.7	66.77	186.7	64.51	180.7	62.28	168.6	57.85
	-5	-5.6	216.8	72.17	204.8	67.78	192.7	63.45	186.7	61.33	180.7	59.22	168.6	55.04
	-3	-3.7	216.8	68.67	204.8	64.52	192.7	60.42	186.7	58.41	180.7	56.41	168.6	52.45
	0	-0.7	216.8	63.51	204.8	59.70	192.7	55.96	186.7	54.12	180.7	52.29	168.6	48.67
	3	2.2	216.8	58.93	204.8	55.44	192.7	52.01	186.7	50.32	180.7	48.64	168.6	45.31
	5	4.1	205.2	51.82	193.2	48.60	181.0	45.44	174.8	43.87	168.8	42.31	156.4	39.21
	7	6	193.3	45.17	181.1	42.23	168.8	39.31	162.6	37.88	156.4	36.44	144.0	33.61
	9	7.9	181.0	39.07	168.6	36.40	156.1	33.73	149.9	32.43	143.7	31.12	131.2	28.52
	11	9.8	168.3	33.52	155.8	31.08	143.1	28.68	136.8	27.49	130.6	26.30	117.8	23.94
	13	11.8	155.0	28.39	142.5	26.21	129.8	24.05	123.3	22.98	117.0	21.91	104.0	19.78
	15	13.7	141.4	23.85	128.6	21.90	115.9	19.98	109.3	19.02	102.8	18.06	89.50	16.16
80	-30	-30.2	118.3	61.42	117.4	61.88	116.6	62.36	116.3	62.58	115.8	62.81	115.1	63.26
	-24.8	-25	137.3	65.02	136.2	65.54	135.3	66.05	134.8	66.30	134.4	66.55	133.6	67.06
	-21.8	-22	148.8	67.17	147.9	67.71	146.8	68.24	146.5	68.50	145.9	68.76	144.5	68.91
	-19.8	-20	157.1	68.60	156.0	69.17	155.1	69.73	154.5	69.99	153.8	70.17	149.9	68.94
	-18.8	-19	161.4	69.35	160.3	69.91	159.2	70.48	158.6	70.74	156.6	70.17	149.9	67.32
	-16.7	-17	170.0	70.84	168.9	71.43	166.6	71.30	164.6	70.76	160.6	69.09	149.9	64.18
	-15	-15.9	175.2	71.73	174.1	72.32	170.0	71.31	166.0	69.59	160.6	67.18	149.9	62.38
	-13.7	-15	180.2	72.57	177.5	72.39	171.4	70.05	166.0	67.64	160.6	65.26	149.9	60.59
	-11.8	-13	187.3	73.31	182.1	71.66	171.4	67.09	166.0	64.81	160.6	62.54	149.9	58.07
	-9.8	-11	192.7	72.61	182.1	68.21	171.4	63.91	166.0	61.76	160.6	59.64	149.9	55.47
	-9.5	-10	192.7	70.93	182.1	66.65	171.4	62.44	166.0	60.37	160.6	58.31	149.9	54.23
	-8.5	-9.1	192.7	69.34	182.1	65.17	171.4	61.07	166.0	59.04	160.6	57.01	149.9	53.04
	-7	-7.6	192.7	66.77	182.1	62.76	171.4	58.83	166.0	56.89	160.6	54.95	149.9	51.14
	-5	-5.6	192.7	63.45	182.1	59.69	171.4	55.97	166.0	54.12	160.6	52.29	149.9	48.69
	-3	-3.7	192.7	60.42	182.1	56.86	171.4	53.32	166.0	51.60	160.6	49.87	149.9	46.45
	0	-0.7	192.7	55.96	182.1	52.69	171.4	49.46	166.0	47.87	160.6	46.29	149.9	43.16
	3	2.2	192.7	52.01	182.1	49.00	171.4	46.04	166.0	44.58	160.6	43.10	149.9	40.23
	5	4.1	182.5	45.83	171.7	43.06	160.9	40.30	155.5	38.94	149.9	37.59	139.1	34.92
	7	6	171.9	40.04	160.9	37.50	149.9	34.97	144.5	33.72	139.1	32.49	128.0	30.03
	9	7.9	160.9	34.73	149.9	32.42	138.8	30.10	133.2	28.97	127.8	27.83	116.5	25.57
	11	9.8	149.6	29.89	138.5	27.79	127.2	25.70	121.6	24.65	115.9	23.63	104.6	21.57
	13	11.8	137.9	25.43	126.6	23.53	115.3	21.64	109.6	20.71	104.0	19.78	92.40	17.94
	15	13.7	125.8	21.46	114.4	19.76	102.9	18.09	97.20	17.25	91.30	16.40	79.60	14.74
70	-30	-30.2	117.1	62.12	116.3	62.57	115.4	63.02	115.1	63.25	114.6	63.48	114.0	63.92

31. ARUM680LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	135.5	65.92	134.7	66.43	133.8	66.91	133.3	67.16	133.0	67.39	130.0	66.48
	-21.8	-22	147.0	68.19	145.9	68.72	144.5	68.87	142.7	68.33	140.5	67.48	131.2	62.73
	-19.8	-20	155.1	69.73	153.5	69.96	149.9	68.94	145.3	66.64	140.5	64.37	131.2	59.85
	-18.8	-19	159.1	70.53	156.3	69.99	149.9	67.32	145.3	65.08	140.5	62.87	131.2	58.46
	-16.7	-17	165.6	71.01	159.3	68.46	149.9	64.18	145.3	62.06	140.5	59.94	131.2	55.77
	-15	-15.9	168.6	70.81	159.3	66.58	149.9	62.38	145.3	60.29	140.5	58.22	131.2	54.13
	-13.7	-15	168.6	68.84	159.3	64.69	149.9	60.59	145.3	58.56	140.5	56.55	131.2	52.58
	-11.8	-13	168.6	65.94	159.3	61.97	149.9	58.07	145.3	56.12	140.5	54.21	131.2	50.43
	-9.8	-11	168.6	62.83	159.3	59.11	149.9	55.47	145.3	53.66	140.5	51.85	131.2	48.24
	-9.5	-10	168.6	61.41	159.3	57.80	149.9	54.23	145.3	52.46	140.5	50.71	131.2	47.26
	-8.5	-9.1	168.6	60.05	159.3	56.53	149.9	53.04	145.3	51.32	140.5	49.61	131.2	46.24
	-7	-7.6	168.6	57.85	159.3	54.47	149.9	51.14	145.3	49.49	140.5	47.86	131.2	44.61
	-5	-5.6	168.6	55.04	159.3	51.84	149.9	48.70	145.3	47.13	140.5	45.59	131.2	42.51
	-3	-3.7	168.6	52.45	159.3	49.44	149.9	46.45	145.3	44.97	140.5	43.51	131.2	40.60
	0	-0.7	168.6	48.67	159.3	45.90	149.9	43.16	145.3	41.80	140.5	40.46	131.2	37.78
	3	2.2	168.6	45.31	159.3	42.76	149.9	40.23	145.3	38.98	140.5	37.75	131.2	35.28
	5	4.1	159.6	40.02	150.2	37.65	140.8	35.31	136.0	34.15	131.2	32.99	121.8	30.71
	7	6	150.4	35.05	140.8	32.89	131.2	30.75	126.4	29.67	121.6	28.62	111.9	26.50
	9	7.9	140.8	30.52	131.2	28.53	121.5	26.57	116.7	25.60	111.7	24.63	102.0	22.69
	11	9.8	130.9	26.36	121.2	24.57	111.4	22.78	106.5	21.90	101.5	21.00	91.50	19.24
	13	11.8	120.7	22.52	110.8	20.90	100.9	19.31	96.00	18.49	90.90	17.70	80.80	16.10
	15	13.7	110.0	19.13	100.0	17.66	90.10	16.23	85.00	15.50	79.90	14.80	69.70	13.36
60	-30	-30.2	115.4	63.02	114.8	63.47	114.0	63.91	113.6	64.12	113.1	64.34	110.9	63.57
	-24.8	-25	133.5	67.08	132.0	67.10	128.6	65.87	124.4	63.72	120.4	61.57	112.5	57.32
	-21.8	-22	142.5	68.23	136.6	65.44	128.6	61.40	124.4	59.39	120.4	57.41	112.5	53.46
	-19.8	-20	144.5	66.31	136.6	62.43	128.6	58.58	124.4	56.69	120.4	54.80	112.5	51.05
	-18.8	-19	144.5	64.77	136.6	60.97	128.6	57.24	124.4	55.38	120.4	53.53	112.5	49.89
	-16.7	-17	144.5	61.75	136.6	58.16	128.6	54.60	124.4	52.83	120.4	51.09	112.5	47.63
	-15	-15.9	144.5	60.00	136.6	56.47	128.6	52.98	124.4	51.26	120.4	49.55	112.5	46.15
	-13.7	-15	144.5	58.28	136.6	54.86	128.6	51.48	124.4	49.80	120.4	48.14	112.5	44.86
	-11.8	-13	144.5	55.86	136.6	52.57	128.6	49.34	124.4	47.74	120.4	46.17	112.5	43.03
	-9.8	-11	144.5	53.39	136.6	50.29	128.6	47.22	124.4	45.68	120.4	44.17	112.5	41.18
	-9.5	-10	144.5	52.20	136.6	49.22	128.6	46.28	124.4	44.80	120.4	43.36	112.5	40.47
	-8.5	-9.1	144.5	51.07	136.6	48.15	128.6	45.29	124.4	43.86	120.4	42.44	112.5	39.62
	-7	-7.6	144.5	49.26	136.6	46.46	128.6	43.69	124.4	42.32	120.4	40.96	112.5	38.25
	-5	-5.6	144.5	46.90	136.6	44.27	128.6	41.65	124.4	40.36	120.4	39.06	112.5	36.52
	-3	-3.7	144.5	44.77	136.6	42.25	128.6	39.77	124.4	38.55	120.4	37.32	112.5	34.90
	0	-0.7	144.5	41.60	136.6	39.31	128.6	37.03	124.4	35.89	120.4	34.78	112.5	32.54
	3	2.2	144.5	38.81	136.6	36.69	128.6	34.58	124.4	33.55	120.4	32.51	112.5	30.46
	5	4.1	136.8	34.35	128.7	32.40	120.7	30.44	116.5	29.47	112.5	28.51	104.3	26.60
	7	6	128.9	30.22	120.7	28.40	112.5	26.61	108.5	25.73	104.3	24.85	96.00	23.09
	9	7.9	120.7	26.40	112.5	24.75	104.0	23.12	100.0	22.30	95.80	21.48	87.30	19.87
	11	9.8	112.2	22.92	103.7	21.43	95.50	19.93	91.20	19.19	87.00	18.45	78.50	16.96
	13	11.8	103.4	19.70	94.90	18.35	86.40	16.99	82.20	16.33	77.90	15.66	69.20	14.30
	15	13.7	94.30	16.84	85.80	15.61	77.10	14.41	72.80	13.80	68.50	13.20	59.80	11.99
50	-30	-30.2	113.3	64.25	111.5	63.73	107.1	61.51	103.7	59.53	100.3	57.55	93.80	53.65
	-24.8	-25	120.4	61.57	113.9	58.03	107.1	54.53	103.7	52.78	100.3	51.06	93.80	47.63

31. ARUM680LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	120.4	57.41	113.9	54.13	107.1	50.87	103.7	49.27	100.3	47.67	93.80	44.50
	-19.8	-20	120.4	54.80	113.9	51.67	107.1	48.58	103.7	47.06	100.3	45.55	93.80	42.52
	-18.8	-19	120.4	53.55	113.9	50.49	107.1	47.48	103.7	45.99	100.3	44.51	93.80	41.57
	-16.7	-17	120.4	51.09	113.9	48.20	107.1	45.34	103.7	43.93	100.3	42.51	93.80	39.72
	-15	-15.9	120.4	49.55	113.9	46.71	107.1	43.94	103.7	42.54	100.3	41.17	93.80	38.46
	-13.7	-15	120.4	48.14	113.9	45.39	107.1	42.70	103.7	41.36	100.3	40.02	93.80	37.39
	-11.8	-13	120.4	46.17	113.9	43.54	107.1	40.96	103.7	39.68	100.3	38.40	93.80	35.89
	-9.8	-11	120.4	44.17	113.9	41.68	107.1	39.22	103.7	38.00	100.3	36.77	93.80	34.38
	-9.5	-10	120.4	43.36	113.9	40.96	107.1	38.57	103.7	37.40	100.3	36.23	93.80	33.90
	-8.5	-9.1	120.4	42.44	113.9	40.10	107.1	37.78	103.7	36.62	100.3	35.48	93.80	33.20
	-7	-7.6	120.4	40.96	113.9	38.70	107.1	36.47	103.7	35.38	100.3	34.28	93.80	32.11
	-5	-5.6	120.4	39.06	113.9	36.94	107.1	34.82	103.7	33.77	100.3	32.74	93.80	30.67
	-3	-3.7	120.4	37.32	113.9	35.32	107.1	33.32	103.7	32.32	100.3	31.33	93.80	29.37
	0	-0.7	120.4	34.78	113.9	32.92	107.1	31.07	103.7	30.16	100.3	29.25	93.80	27.45
	3	2.2	120.4	32.51	113.9	30.79	107.1	29.10	103.7	28.27	100.3	27.42	93.80	25.75
	5	4.1	113.9	28.89	107.4	27.29	100.6	25.72	97.20	24.93	93.80	24.15	87.00	22.61
	7	6	107.4	25.51	100.6	24.05	93.80	22.60	90.40	21.88	87.00	21.17	79.90	19.72
	9	7.9	100.6	22.41	93.80	21.07	86.70	19.75	83.30	19.08	79.90	18.42	72.80	17.11
	11	9.8	93.50	19.58	86.50	18.35	79.60	17.14	76.00	16.54	72.50	15.92	65.40	14.73
	13	11.8	86.10	16.94	79.10	15.85	72.00	14.74	68.50	14.19	64.90	13.65	57.80	12.55
	15	13.7	78.50	14.61	71.40	13.61	64.30	12.63	60.70	12.12	57.00	11.63	49.80	10.64

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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31.5 Capacity Correction Factor

31.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-100	-	-	-	-	-	-	-	-	-	-	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-90	-	-	-	-	-	-	-	-	-	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-80	-	-	-	-	-	-	-	-	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-70	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-60	-	-	-	-	-	-	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-50	-	-	-	-	-	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0
-40	-	-	-	-	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-30	-	-	-	96.0	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-20	-	-	98.0	96.0	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
50	-	-	-	-	-	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
60	-	-	-	-	-	-	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0
70	-	-	-	-	-	-	-	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
100	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
110	-	-	-	-	-	-	-	-	-	-	-	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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31.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

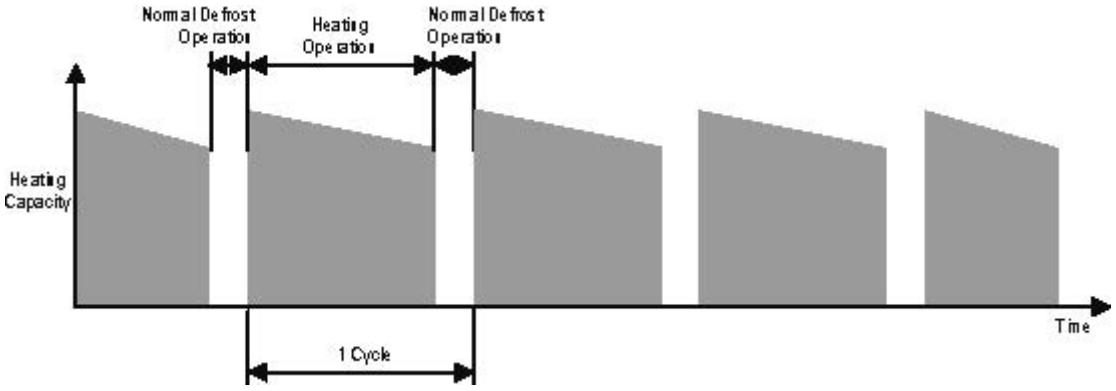
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

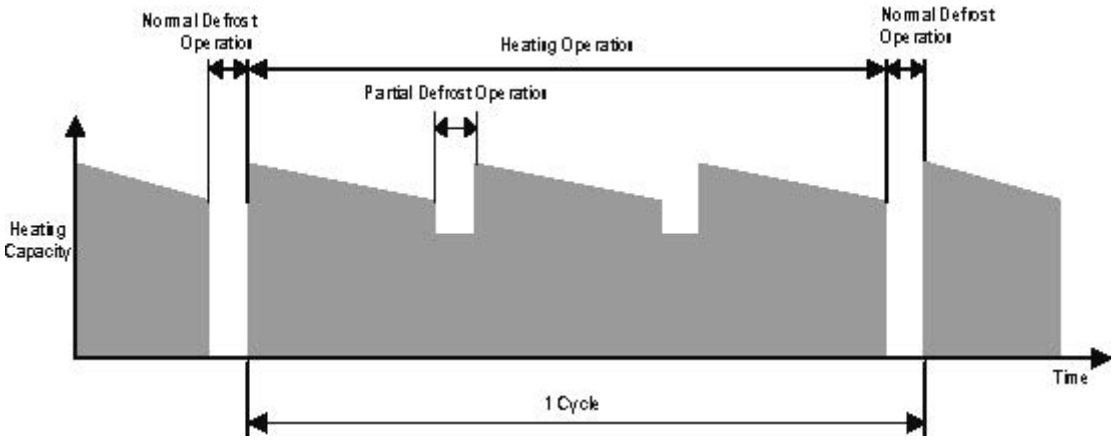
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

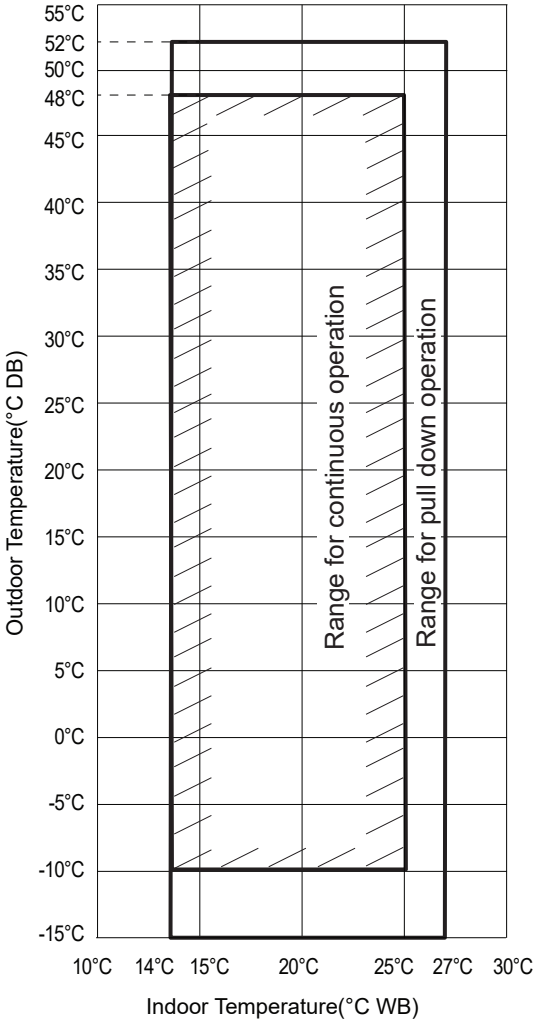


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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31.6 Operation Limits

31.6.1 Cooling

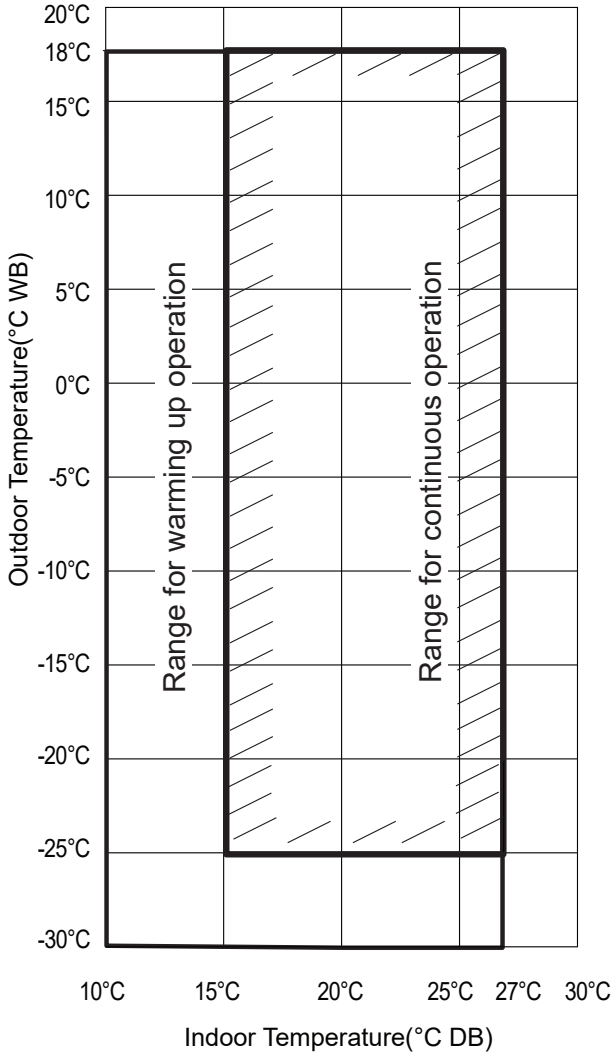


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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31.6.2 Heating

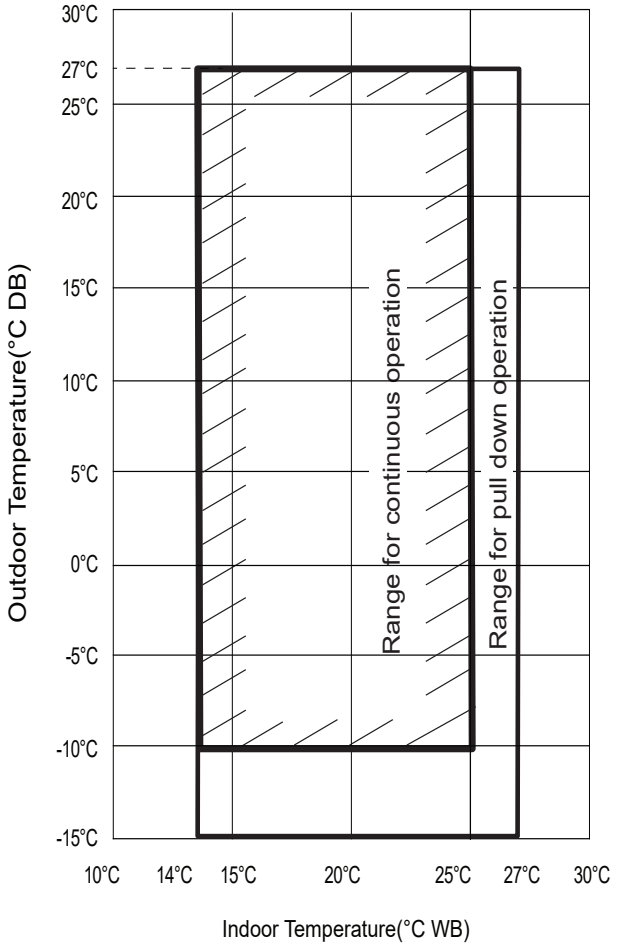


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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31.6.3 Simultaneous Operation (Cooling)

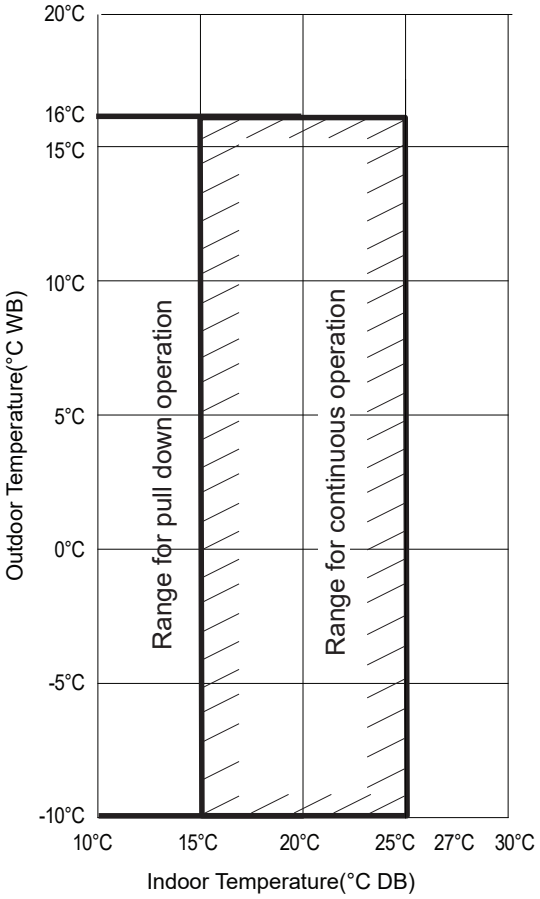


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

31. ARUM680LTE6

31.6.4 Simultaneous Operation (Heating)



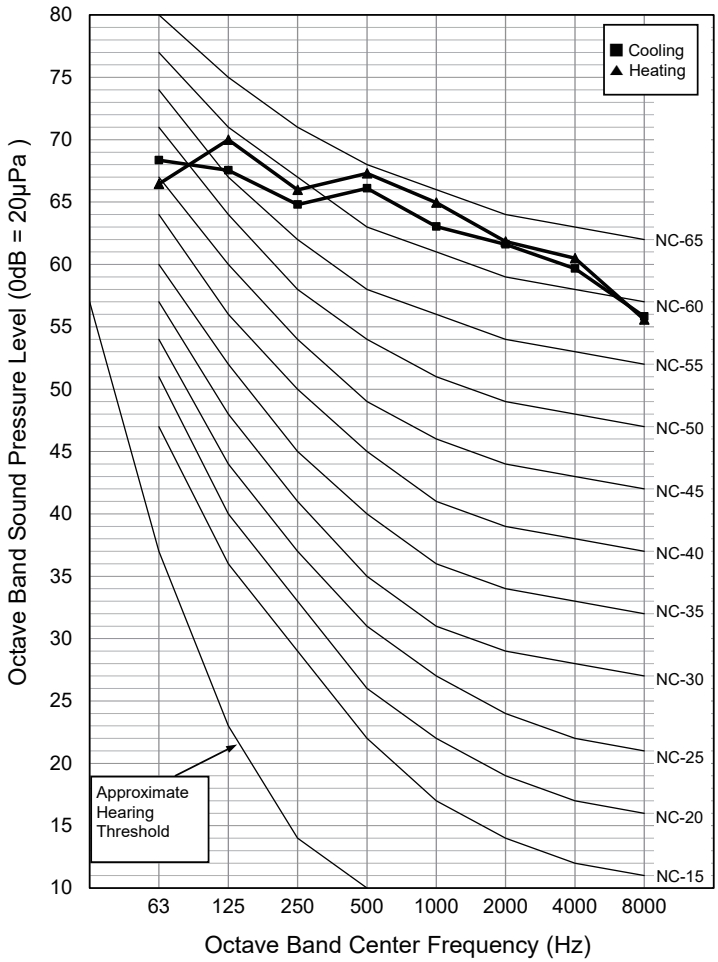
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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31.7 Sound Levels

31.7.1 Pressure Levels



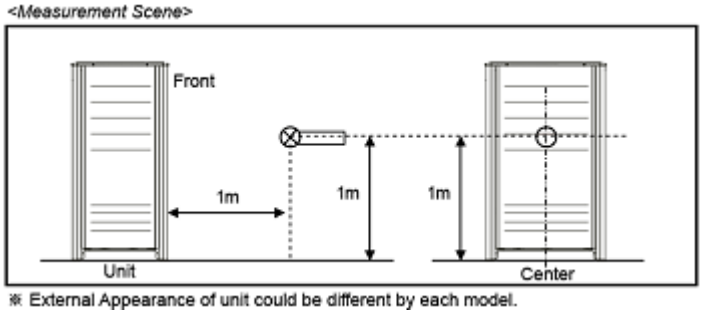
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	68.4	67.6	64.8	66.1	63.0	61.6	59.7	55.8
Heating[dB]	66.5	70.0	66.0	67.3	65.0	61.8	60.5	55.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	69.0 / 70.1

Note

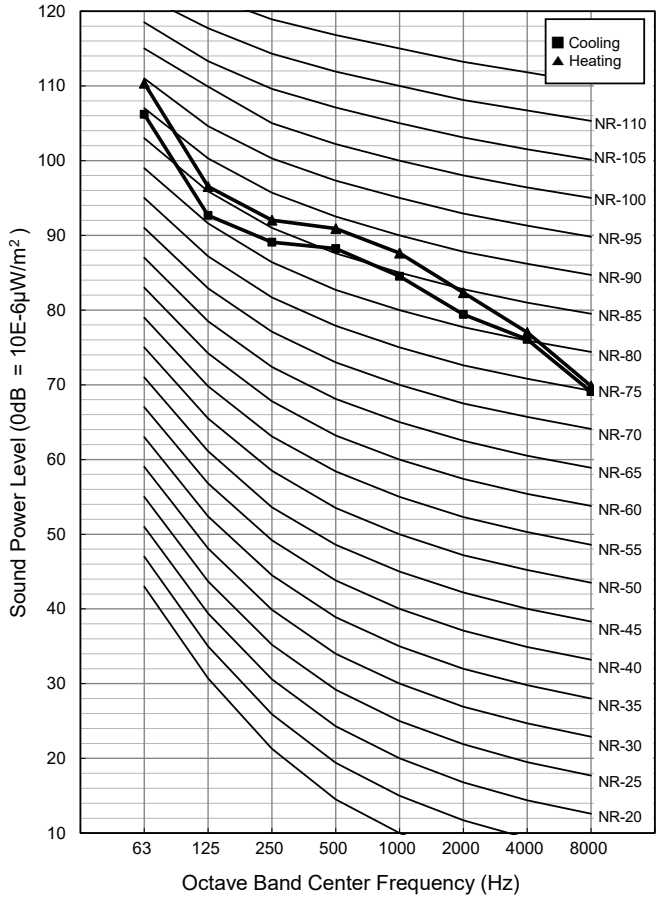
- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

<Measurement Scene>



※ External Appearance of unit could be different by each model.

31.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	106.2	92.7	89.1	88.2	84.5	79.4	76.1	69.1
Heating[dB]	110.4	96.5	92.0	90.9	87.6	82.3	77.0	69.8

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.1 / 93.1

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

32. ARUM700LTE6

32.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB + UXA
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM180LTE6
	Combination Unit (4)	-	ARUM120LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	99.85 - 94.86 - 91.43
	Running Current by Voltage (Heating,Rated)	A	71.29 - 67.73 - 65.28
Cooling Capacity	Rated	kW	196.0
		Btu/h	668,800
Heating Capacity	Rated	kW	196.0
		Btu/h	668,800
	Max	kW	220.5
		Btu/h	752,400
Power Input(Cooling)	Rated	kW	61.12
Power Input(Heating)	Rated	kW	43.64
Efficiency	EER(Rated)	W/W	3.21
	COP(Rated)	W/W	4.49
	SEER	Wh/Wh	8.36
	SCOP	Wh/Wh	5.01
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1) + (220 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2) + (1,200 × 1)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 7
	Number of Revolution	rev./min	3,600 x 7
	Motor Output	W x No.	5,300 x 7
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,240 x 1,745 x 760) x 3) + ((930 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,282 x 1,919 x 802) x 3) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1) + (215 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1) + (225 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

32. ARUM700LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	57.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	120.031
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	67.2 / 68.5
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.8 / 93.3
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	165.5
	Maximum Fuse Amperes (MFA)	A	200
	Total Over Current Amperes (TOCA)	A	182.0
	Comp_Maximum Starting Current (MSC)	A	41.3
	Comp_Rated Load Amperes (Cooling)	A	89.9
	Comp_Rated Load Amperes (Heating)	A	61.3
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

32. ARUM700LTE6

32.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

32. ARUM700LTE6

32.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

32. ARUM700LTE6

32.4 Capacity Tables

32.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	153.0	15.48	193.2	21.46	236.5	31.20	254.8	36.25	275.2	42.79	292.6	48.50	306.3	53.07
	12	153.0	16.91	193.2	23.67	236.5	34.33	254.8	39.78	275.2	46.74	292.6	52.50	306.3	57.13
	14	153.0	18.51	193.2	26.09	236.5	37.76	254.8	43.63	275.2	50.98	292.6	56.88	306.3	61.50
	16	153.0	20.28	193.2	28.79	236.5	41.52	254.8	47.83	275.2	55.48	292.6	61.60	306.3	66.25
	18	153.0	22.25	193.2	31.76	236.5	45.61	254.8	52.42	275.2	60.35	292.6	66.38	306.0	70.18
	20	153.0	24.44	193.2	34.98	236.5	50.08	254.8	57.31	275.2	64.36	292.6	69.59	305.6	73.09
	21	153.0	25.61	193.2	36.73	236.5	52.39	254.8	59.15	275.2	65.99	292.6	71.18	305.4	74.63
	23	153.0	28.17	193.2	40.44	236.5	55.79	254.8	62.67	275.2	69.42	292.6	74.55	304.9	77.98
	25	153.0	30.95	193.2	43.55	236.5	59.21	254.8	66.32	275.2	73.12	292.2	78.17	304.3	81.66
	27	153.0	33.50	193.2	46.39	236.5	62.91	254.8	70.04	275.2	77.04	291.7	82.09	303.8	85.76
	29	153.0	35.72	193.2	49.43	236.5	66.87	254.8	74.06	275.2	81.21	291.1	86.41	303.1	90.31
	31	153.0	38.07	193.2	52.69	236.5	71.20	254.8	78.41	275.2	85.81	290.4	91.24	302.5	95.46
	33	153.0	40.60	193.2	56.18	236.5	75.75	254.8	83.17	274.5	90.71	287.9	95.89	289.8	96.49
	35	153.0	43.28	193.2	59.94	236.5	80.42	254.8	88.31	271.2	95.01	272.3	95.36	272.9	95.49
	37	153.0	46.16	193.2	64.01	236.5	85.53	252.6	93.01	253.2	93.24	253.0	93.20	252.9	93.19
	39	153.0	49.22	193.2	68.26	234.7	90.37	234.6	90.36	234.6	90.37	234.6	90.39	234.6	90.38
	41	153.0	52.49	193.2	72.89	217.0	86.92	216.9	86.95	216.9	86.89	216.6	86.77	216.9	86.92
	43	153.0	56.02	193.2	77.99	199.8	82.02	199.6	82.01	199.6	81.95	199.6	81.96	199.3	81.89
	46	153.0	61.82	175.4	75.01	175.2	74.99	175.1	75.00	175.2	74.96	174.9	74.88	175.0	74.96
	48	153.0	66.11	159.9	70.33	159.7	70.29	159.7	70.29	160.0	70.50	159.6	70.33	159.7	70.32
	50	145.7	66.15	145.3	66.08	145.1	65.97	145.1	66.03	145.0	65.96	144.9	65.93	144.9	65.94
	52	129.3	58.74	130.6	56.43	131.2	54.15	131.3	53.69	131.2	53.14	131.3	52.70	131.4	52.40
120	10	141.3	14.19	178.5	18.94	218.3	26.61	235.2	30.81	254.0	36.05	270.2	41.08	282.8	45.34
	12	141.3	15.42	178.5	20.84	218.3	29.38	235.2	33.96	254.0	39.57	270.2	44.95	282.8	49.24
	14	141.3	16.80	178.5	22.96	218.3	32.41	235.2	37.36	254.0	43.40	270.2	49.14	282.8	53.49
	16	141.3	18.33	178.5	25.28	218.3	35.72	235.2	41.06	254.0	47.57	270.2	53.72	282.8	58.10
	18	141.3	20.06	178.5	27.86	218.3	39.36	235.2	45.12	254.0	52.16	270.2	58.52	282.8	63.10
	20	141.3	21.96	178.5	30.70	218.3	43.34	235.2	49.56	254.0	57.04	270.2	62.77	282.8	66.68
	21	141.3	22.98	178.5	32.22	218.3	45.46	235.2	51.87	254.0	58.90	270.2	64.39	282.8	68.34
	23	141.3	25.23	178.5	35.48	218.3	49.35	235.2	55.27	254.0	62.41	270.2	67.80	282.8	71.79
	25	141.3	27.69	178.5	38.75	218.3	52.45	235.2	58.69	254.0	66.10	270.2	71.45	282.8	75.41
	27	141.3	30.25	178.5	41.30	218.3	55.76	235.2	62.34	254.0	69.81	270.2	75.38	282.8	79.33
	29	141.3	32.24	178.5	44.02	218.3	59.30	235.2	66.27	254.0	73.80	270.2	79.58	282.5	83.56
	31	141.3	34.35	178.5	46.92	218.3	63.11	235.2	70.55	254.0	78.14	270.2	84.07	281.8	88.14
	33	141.3	36.61	178.5	50.01	218.3	67.20	235.2	75.19	254.0	82.88	270.1	89.01	281.2	93.26
	35	141.3	39.04	178.5	53.35	218.3	71.66	235.2	79.80	254.0	88.04	269.4	94.31	272.1	95.34
	37	141.3	41.64	178.5	56.92	218.3	76.52	235.2	84.87	252.6	92.97	253.2	93.24	253.0	93.17
	39	141.3	44.40	178.5	60.75	218.3	81.92	234.5	90.17	234.9	90.44	234.6	90.41	234.6	90.39
	41	141.3	47.34	178.5	64.90	217.2	86.95	216.9	86.90	216.8	86.83	216.7	86.83	216.7	86.83
	43	141.3	50.51	178.5	69.44	199.9	82.09	199.9	82.03	199.6	81.94	199.6	81.93	199.6	82.02
	46	141.3	55.68	175.4	75.09	175.2	74.94	175.2	74.94	175.1	74.95	175.0	74.92	175.1	74.90
	48	141.3	59.46	159.9	70.32	159.9	70.36	159.9	70.42	159.6	70.32	159.6	70.28	159.6	70.23
	50	141.3	63.54	145.4	66.04	145.1	66.03	145.1	66.03	145.1	66.04	144.9	65.92	145.1	65.92
	52	129.0	59.60	130.1	57.39	131.3	55.10	131.2	54.65	131.4	54.15	131.4	53.76	131.3	53.52
110	10	129.5	13.11	163.5	16.81	200.2	22.75	215.5	25.98	232.8	30.21	247.5	34.19	259.0	37.58
	12	129.5	14.12	163.5	18.41	200.2	25.11	215.5	28.67	232.8	33.30	247.5	37.58	259.0	41.22
	14	129.5	15.29	163.5	20.21	200.2	27.69	215.5	31.64	232.8	36.67	247.5	41.26	259.0	45.16

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	129.5	16.59	163.5	22.22	200.2	30.56	215.5	34.88	232.8	40.33	247.5	45.29	259.0	49.47
	18	129.5	18.08	163.5	24.43	200.2	33.70	215.5	38.43	232.8	44.33	247.5	49.68	259.0	54.19
	20	129.5	19.72	163.5	26.86	200.2	37.12	215.5	42.33	232.8	48.68	247.5	54.48	259.0	59.01
	21	129.5	20.61	163.5	28.17	200.2	38.95	215.5	44.42	232.8	51.02	247.5	56.49	259.0	60.84
	23	129.5	22.55	163.5	31.01	200.2	42.91	215.5	48.35	232.8	54.46	247.5	59.92	259.0	64.27
	25	129.5	24.70	163.5	34.13	200.2	45.88	215.5	51.48	232.8	57.83	247.5	63.59	259.0	67.80
	27	129.5	27.08	163.5	36.59	200.2	48.88	215.5	54.71	232.8	61.42	247.5	67.52	259.0	71.60
	29	129.5	29.00	163.5	39.01	200.2	52.08	215.5	58.18	232.8	65.32	247.5	71.48	259.0	75.67
	31	129.5	30.88	163.5	41.58	200.2	55.51	215.5	61.91	232.8	69.50	247.5	75.68	259.0	80.14
	33	129.5	32.92	163.5	44.32	200.2	59.19	215.5	65.93	232.8	74.11	247.5	80.25	259.0	84.95
	35	129.5	35.08	163.5	47.27	200.2	63.09	215.5	70.29	232.8	78.84	247.5	85.27	259.0	90.11
	37	129.5	37.40	163.5	50.40	200.2	67.25	215.5	75.04	232.8	83.81	247.5	90.78	253.1	93.19
	39	129.5	39.90	163.5	53.76	200.2	71.77	215.5	80.28	232.8	89.30	234.7	90.39	234.8	90.37
	41	129.5	42.54	163.5	57.38	200.2	76.75	215.5	86.09	217.2	86.94	216.8	86.89	216.8	86.90
	43	129.5	45.39	163.5	61.29	199.8	81.92	199.9	82.11	199.9	82.04	199.5	81.94	199.6	81.95
	46	129.5	50.01	163.5	67.74	175.2	75.02	175.2	74.99	175.1	75.00	175.1	75.00	174.9	74.89
	48	129.5	53.35	160.0	70.42	159.9	70.42	159.8	70.37	159.9	70.35	159.7	70.35	159.7	70.33
	50	129.5	56.94	145.5	66.13	145.2	66.04	145.1	66.04	145.1	65.99	145.0	65.94	145.1	66.00
	52	128.5	60.08	129.4	58.49	130.9	56.24	131.1	55.79	131.4	55.35	131.0	54.91	131.3	54.32
100	10	117.7	12.14	148.7	14.99	182.0	19.50	196.0	21.95	211.7	25.12	225.1	28.24	235.6	30.95
	12	117.7	13.01	148.7	16.34	182.0	21.48	196.0	24.20	211.7	27.74	225.1	31.16	235.6	34.10
	14	117.7	13.98	148.7	17.84	182.0	23.66	196.0	26.71	211.7	30.60	225.1	34.34	235.6	37.49
	16	117.7	15.09	148.7	19.52	182.0	26.08	196.0	29.46	211.7	33.76	225.1	37.84	235.6	41.22
	18	117.7	16.31	148.7	21.39	182.0	28.73	196.0	32.49	211.7	37.21	225.1	41.67	235.6	45.31
	20	117.7	17.73	148.7	23.49	182.0	31.67	196.0	35.81	211.7	40.98	225.1	45.84	235.6	49.73
	21	117.7	18.47	148.7	24.60	182.0	33.24	196.0	37.57	211.7	43.01	225.1	48.04	235.6	52.07
	23	117.7	20.13	148.7	27.03	182.0	36.61	196.0	41.39	211.7	46.97	225.1	51.71	235.6	55.45
	25	117.7	22.00	148.7	29.70	182.0	39.86	196.0	44.45	211.7	50.03	225.1	54.92	235.6	58.86
	27	117.7	24.06	148.7	32.27	182.0	42.47	196.0	47.36	211.7	53.27	225.1	58.36	235.6	62.53
	29	117.7	25.98	148.7	34.38	182.0	45.26	196.0	50.44	211.7	56.68	225.1	62.06	235.6	66.48
	31	117.7	27.65	148.7	36.64	182.0	48.25	196.0	53.77	211.7	60.30	225.1	66.04	235.6	70.77
	33	117.7	29.45	148.7	39.07	182.0	51.43	196.0	57.33	211.7	64.19	225.1	70.35	235.6	75.40
	35	117.7	31.39	148.7	41.67	182.0	54.84	196.0	61.19	211.7	68.44	225.1	75.07	235.6	80.02
	37	117.7	33.45	148.7	44.42	182.0	58.52	196.0	65.24	211.7	73.03	225.1	80.26	235.6	85.09
	39	117.7	35.67	148.7	47.38	182.0	62.50	196.0	69.61	211.7	78.07	225.1	85.43	234.6	90.24
	41	117.7	38.06	148.7	50.53	182.0	66.79	196.0	74.37	211.7	83.66	216.9	86.89	217.1	86.95
	43	117.7	40.59	148.7	53.92	182.0	71.45	196.0	79.62	199.6	81.97	199.9	82.07	199.9	82.07
	46	117.7	44.73	148.7	59.48	175.2	75.02	175.4	75.01	175.4	75.01	175.4	75.03	175.2	74.95
	48	117.7	47.71	148.7	63.53	160.1	70.43	159.9	70.41	159.9	70.38	159.9	70.38	159.9	70.40
	50	117.7	50.92	145.5	66.06	145.3	66.04	145.3	66.04	145.1	65.97	145.1	65.97	145.1	65.96
	52	117.7	54.33	129.1	59.11	129.9	57.49	130.4	56.79	131.0	56.11	131.4	55.43	131.4	54.87
90	10	106.1	11.34	133.7	13.49	163.8	16.81	176.3	18.63	190.5	20.97	202.6	23.22	212.0	25.21
	12	106.1	12.03	133.7	14.58	163.8	18.44	176.3	20.49	190.5	23.11	202.6	25.64	212.0	27.84
	14	106.1	12.84	133.7	15.82	163.8	20.25	176.3	22.55	190.5	25.49	202.6	28.29	212.0	30.70
	16	106.1	13.75	133.7	17.21	163.8	22.25	176.3	24.83	190.5	28.10	202.6	31.22	212.0	33.87
	18	106.1	14.78	133.7	18.77	163.8	24.46	176.3	27.35	190.5	30.99	202.6	34.40	212.0	37.32
	20	106.1	15.94	133.7	20.51	163.8	26.92	176.3	30.13	190.5	34.15	202.6	37.92	212.0	41.11
	21	106.1	16.59	133.7	21.45	163.8	28.24	176.3	31.63	190.5	35.84	202.6	39.81	212.0	43.14
	23	106.1	17.98	133.7	23.49	163.8	31.07	176.3	34.83	190.5	39.48	202.6	43.78	212.0	47.10
	25	106.1	19.55	133.7	25.75	163.8	34.19	176.3	38.10	190.5	42.62	202.6	46.75	212.0	50.16
	27	106.1	21.32	133.7	28.25	163.8	36.65	176.3	40.62	190.5	45.41	202.6	49.80	212.0	53.41

32. ARUM700LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	106.1	23.19	133.7	30.15	163.8	39.08	176.3	43.28	190.5	48.39	202.6	53.05	212.0	56.81
	31	106.1	24.65	133.7	32.13	163.8	41.65	176.3	46.15	190.5	51.58	202.6	56.55	212.0	60.46
	33	106.1	26.22	133.7	34.24	163.8	44.40	176.3	49.21	190.5	55.01	202.6	60.25	212.0	64.38
	35	106.1	27.92	133.7	36.50	163.8	47.34	176.3	52.47	190.5	58.66	202.6	64.19	212.0	68.60
	37	106.1	29.76	133.7	38.91	163.8	50.49	176.3	55.95	190.5	62.63	202.6	68.45	212.0	73.21
	39	106.1	31.74	133.7	41.50	163.8	53.86	176.3	59.74	190.5	66.87	202.6	73.09	212.0	78.28
	41	106.1	33.85	133.7	44.25	163.8	57.48	176.3	63.81	190.5	71.40	202.6	78.16	212.0	83.90
	43	106.1	36.12	133.7	47.20	163.8	61.39	176.3	68.22	190.5	76.35	199.9	82.02	199.8	82.03
	46	106.1	39.80	133.7	52.01	163.8	67.86	175.3	75.03	175.4	75.02	175.2	75.00	175.4	75.05
	48	106.1	42.47	133.7	55.52	160.2	70.48	159.9	70.41	159.9	70.37	159.9	70.34	159.9	70.36
	50	106.1	45.32	133.7	59.28	145.5	66.14	145.4	66.13	145.3	66.06	145.3	66.05	145.3	66.04
	52	106.1	48.37	128.7	59.88	129.6	58.17	130.1	57.49	130.7	56.74	131.0	56.06	131.4	55.53
80	10	94.10	10.15	119.0	12.24	145.5	14.65	156.8	15.94	169.3	17.58	180.0	19.20	188.6	20.60
	12	94.10	11.22	119.0	13.11	145.5	15.94	156.8	17.42	169.3	19.31	180.0	21.14	188.6	22.71
	14	94.10	11.85	119.0	14.10	145.5	17.39	156.8	19.09	169.3	21.23	180.0	23.28	188.6	25.05
	16	94.10	12.59	119.0	15.23	145.5	19.01	156.8	20.93	169.3	23.37	180.0	25.66	188.6	27.61
	18	94.10	13.43	119.0	16.49	145.5	20.82	156.8	22.98	169.3	25.72	180.0	28.28	188.6	30.44
	20	94.10	14.37	119.0	17.92	145.5	22.81	156.8	25.27	169.3	28.32	180.0	31.16	188.6	33.55
	21	94.10	14.90	119.0	18.68	145.5	23.91	156.8	26.48	169.3	29.70	180.0	32.69	188.6	35.21
	23	94.10	16.07	119.0	20.37	145.5	26.23	156.8	29.13	169.3	32.71	180.0	36.00	188.6	38.77
	25	94.10	17.36	119.0	22.25	145.5	28.83	156.8	32.04	169.3	35.93	180.0	39.28	188.6	41.95
	27	94.10	18.85	119.0	24.34	145.5	31.40	156.8	34.57	169.3	38.39	180.0	41.86	188.6	44.71
	29	94.10	20.52	119.0	26.27	145.5	33.45	156.8	36.85	169.3	40.92	180.0	44.60	188.6	47.65
	31	94.10	21.87	119.0	27.96	145.5	35.67	156.8	39.28	169.3	43.62	180.0	47.55	188.6	50.78
	33	94.10	23.23	119.0	29.79	145.5	38.03	156.8	41.88	169.3	46.50	180.0	50.69	188.6	54.14
	35	94.10	24.72	119.0	31.74	145.5	40.53	156.8	44.63	169.3	49.58	180.0	54.05	188.6	57.75
	37	94.10	26.32	119.0	33.83	145.5	43.24	156.8	47.61	169.3	52.87	180.0	57.66	188.6	61.65
	39	94.10	28.06	119.0	36.08	145.5	46.09	156.8	50.77	169.3	56.41	180.0	61.58	188.6	65.86
	41	94.10	29.93	119.0	38.49	145.5	49.17	156.8	54.18	169.3	60.23	180.0	65.80	188.6	70.30
	43	94.10	31.93	119.0	41.05	145.5	52.45	156.8	57.81	169.3	64.35	180.0	70.39	188.6	75.15
	46	94.10	35.21	119.0	45.24	145.5	57.84	156.8	63.84	169.3	71.24	175.2	74.94	175.2	74.98
	48	94.10	37.60	119.0	48.27	145.5	61.78	156.8	68.29	159.9	70.37	159.9	70.38	159.9	70.34
	50	94.10	40.14	119.0	51.50	145.1	65.83	145.5	66.10	145.3	66.06	145.4	66.04	145.2	66.03
	52	94.10	42.84	119.0	54.96	129.1	59.06	129.6	58.35	130.1	57.60	130.4	56.89	130.9	56.37
70	10	82.50	8.33	104.0	11.23	127.3	12.91	137.2	13.81	148.1	14.93	157.5	16.04	164.9	16.98
	12	82.50	10.44	104.0	11.90	127.3	13.91	137.2	14.96	148.1	16.28	157.5	17.54	164.9	18.62
	14	82.50	10.94	104.0	12.66	127.3	15.03	137.2	16.24	148.1	17.77	157.5	19.21	164.9	20.45
	16	82.50	11.54	104.0	13.54	127.3	16.31	137.2	17.70	148.1	19.44	157.5	21.07	164.9	22.46
	18	82.50	12.21	104.0	14.54	127.3	17.73	137.2	19.33	148.1	21.31	157.5	23.15	164.9	24.72
	20	82.50	12.98	104.0	15.69	127.3	19.33	137.2	21.14	148.1	23.36	157.5	25.45	164.9	27.20
	21	82.50	13.40	104.0	16.31	127.3	20.20	137.2	22.12	148.1	24.50	157.5	26.69	164.9	28.53
	23	82.50	14.34	104.0	17.67	127.3	22.08	137.2	24.25	148.1	26.90	157.5	29.35	164.9	31.40
	25	82.50	15.41	104.0	19.19	127.3	24.18	137.2	26.59	148.1	29.56	157.5	32.29	164.9	34.54
	27	82.50	16.63	104.0	20.90	127.3	26.49	137.2	29.13	148.1	32.13	157.5	34.81	164.9	37.01
	29	82.50	18.02	104.0	22.76	127.3	28.42	137.2	31.06	148.1	34.23	157.5	37.10	164.9	39.45
	31	82.50	19.34	104.0	24.17	127.3	30.26	137.2	33.10	148.1	36.50	157.5	39.55	164.9	42.06
	33	82.50	20.49	104.0	25.73	127.3	32.24	137.2	35.28	148.1	38.90	157.5	42.17	164.9	44.84
	35	82.50	21.76	104.0	27.39	127.3	34.38	137.2	37.61	148.1	41.47	157.5	44.94	164.9	47.81
	37	82.50	23.15	104.0	29.18	127.3	36.65	137.2	40.11	148.1	44.24	157.5	47.93	164.9	50.99
	39	82.50	24.64	104.0	31.12	127.3	39.10	137.2	42.78	148.1	47.17	157.5	51.12	164.9	54.39
	41	82.50	26.27	104.0	33.19	127.3	41.68	137.2	45.63	148.1	50.32	157.5	54.57	164.9	58.04

32. ARUM700LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	82.50	28.05	104.0	35.41	127.3	44.46	137.2	48.66	148.1	53.67	157.5	58.22	164.9	61.99
	46	82.50	30.93	104.0	39.03	127.3	49.00	137.2	53.64	148.1	59.21	157.5	64.30	164.9	68.55
	48	82.50	33.04	104.0	41.66	127.3	52.28	137.2	57.25	148.1	63.26	157.5	68.80	160.1	70.44
	50	82.50	35.31	104.0	44.45	127.3	55.79	137.2	61.13	145.5	66.10	145.5	66.03	145.3	66.08
	52	82.50	37.70	104.0	47.44	127.3	59.56	128.9	59.53	129.4	58.72	129.9	58.00	130.1	57.47
60	10	70.70	6.61	89.20	9.35	109.2	11.55	117.6	12.14	127.1	12.87	135.1	13.60	141.3	14.23
	12	70.70	9.50	89.20	10.90	109.2	12.29	117.6	12.98	127.1	13.88	135.1	14.72	141.3	15.44
	14	70.70	9.91	89.20	11.48	109.2	13.12	117.6	13.96	127.1	14.99	135.1	15.97	141.3	16.80
	16	70.70	10.39	89.20	12.14	109.2	14.09	117.6	15.05	127.1	16.25	135.1	17.39	141.3	18.33
	18	70.70	10.95	89.20	12.90	109.2	15.17	117.6	16.29	127.1	17.67	135.1	18.98	141.3	20.06
	20	70.70	11.57	89.20	13.77	109.2	16.41	117.6	17.70	127.1	19.27	135.1	20.73	141.3	21.97
	21	70.70	11.92	89.20	14.26	109.2	17.08	117.6	18.44	127.1	20.14	135.1	21.69	141.3	23.00
	23	70.70	12.68	89.20	15.31	109.2	18.54	117.6	20.10	127.1	22.01	135.1	23.77	141.3	25.23
	25	70.70	13.55	89.20	16.52	109.2	20.20	117.6	21.94	127.1	24.09	135.1	26.07	141.3	27.69
	27	70.70	14.56	89.20	17.88	109.2	22.04	117.6	24.02	127.1	26.41	135.1	28.58	141.3	30.25
	29	70.70	15.70	89.20	19.41	109.2	23.93	117.6	25.94	127.1	28.34	135.1	30.50	141.3	32.24
	31	70.70	16.93	89.20	20.77	109.2	25.43	117.6	27.60	127.1	30.17	135.1	32.48	141.3	34.36
	33	70.70	17.90	89.20	22.04	109.2	27.06	117.6	29.38	127.1	32.16	135.1	34.62	141.3	36.65
	35	70.70	18.97	89.20	23.44	109.2	28.82	117.6	31.33	127.1	34.28	135.1	36.91	141.3	39.07
	37	70.70	20.16	89.20	24.93	109.2	30.73	117.6	33.38	127.1	36.53	135.1	39.35	141.3	41.65
	39	70.70	21.44	89.20	26.59	109.2	32.78	117.6	35.60	127.1	38.97	135.1	41.98	141.3	44.42
	41	70.70	22.86	89.20	28.33	109.2	34.96	117.6	37.99	127.1	41.56	135.1	44.76	141.3	47.37
	43	70.70	24.40	89.20	30.24	109.2	37.29	117.6	40.52	127.1	44.32	135.1	47.75	141.3	50.54
	46	70.70	26.96	89.20	33.36	109.2	41.11	117.6	44.63	127.1	48.83	135.1	52.62	141.3	55.72
	48	70.70	28.80	89.20	35.62	109.2	43.85	117.6	47.62	127.1	52.11	135.1	56.15	141.3	59.48
	50	70.70	30.79	89.20	38.05	109.2	46.78	117.6	50.81	127.1	55.62	135.1	59.98	141.3	63.57
	52	70.70	32.93	89.20	40.62	109.2	49.91	117.6	54.23	127.1	59.39	128.8	59.59	129.1	59.02
50	10	58.80	5.11	74.20	7.11	91.00	9.62	98.00	10.69	105.7	11.33	112.6	11.78	117.9	12.14
	12	58.80	8.02	74.20	9.79	91.00	11.02	98.00	11.48	105.7	12.03	112.6	12.55	117.9	13.01
	14	58.80	8.87	74.20	10.24	91.00	11.61	98.00	12.14	105.7	12.83	112.6	13.46	117.9	13.98
	16	58.80	9.25	74.20	10.76	91.00	12.28	98.00	12.94	105.7	13.73	112.6	14.46	117.9	15.09
	18	58.80	9.69	74.20	11.33	91.00	13.08	98.00	13.84	105.7	14.76	112.6	15.62	117.9	16.32
	20	58.80	10.18	74.20	12.01	91.00	13.98	98.00	14.86	105.7	15.92	112.6	16.90	117.9	17.74
	21	58.80	10.45	74.20	12.36	91.00	14.47	98.00	15.42	105.7	16.56	112.6	17.61	117.9	18.50
	23	58.80	11.07	74.20	13.20	91.00	15.58	98.00	16.66	105.7	17.95	112.6	19.16	117.9	20.17
	25	58.80	11.77	74.20	14.13	91.00	16.81	98.00	18.05	105.7	19.54	112.6	20.90	117.9	22.01
	27	58.80	12.57	74.20	15.21	91.00	18.23	98.00	19.61	105.7	21.28	112.6	22.81	117.9	24.06
	29	58.80	13.47	74.20	16.43	91.00	19.80	98.00	21.36	105.7	23.16	112.6	24.72	117.9	25.98
	31	58.80	14.49	74.20	17.69	91.00	21.15	98.00	22.74	105.7	24.62	112.6	26.30	117.9	27.65
	33	58.80	15.36	74.20	18.71	91.00	22.46	98.00	24.16	105.7	26.19	112.6	27.99	117.9	29.45
	35	58.80	16.23	74.20	19.82	91.00	23.88	98.00	25.73	105.7	27.89	112.6	29.82	117.9	31.39
	37	58.80	17.18	74.20	21.08	91.00	25.41	98.00	27.39	105.7	29.72	112.6	31.78	117.9	33.47
	39	58.80	18.24	74.20	22.44	91.00	27.08	98.00	29.20	105.7	31.70	112.6	33.90	117.9	35.69
	41	58.80	19.41	74.20	23.91	91.00	28.89	98.00	31.15	105.7	33.79	112.6	36.16	117.9	38.06
	43	58.80	20.69	74.20	25.52	91.00	30.83	98.00	33.24	105.7	36.07	112.6	38.58	117.9	40.61
	46	58.80	22.86	74.20	28.17	91.00	34.02	98.00	36.66	105.7	39.76	112.6	42.50	117.9	44.73
	48	58.80	24.50	74.20	30.09	91.00	36.31	98.00	39.12	105.7	42.41	112.6	45.36	117.9	47.73
	50	58.80	26.30	74.20	32.17	91.00	38.78	98.00	41.74	105.7	45.26	112.6	48.38	117.9	50.92
	52	58.80	28.26	74.20	34.38	91.00	41.39	98.00	44.55	105.7	48.30	112.6	51.63	117.9	54.36

32. ARUM700LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

32. ARUM700LTE6

32.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	41.70	2.80	66.90	4.48	94.80	6.40	101.5	6.90	108.1	7.38	115.1	7.91	122.5	8.56
	12	41.70	2.80	66.90	4.49	94.80	6.46	101.5	6.96	108.1	7.46	115.1	7.98	122.5	8.69
	14	41.70	2.80	66.90	4.52	94.80	6.55	101.5	7.06	108.1	7.58	115.1	8.14	122.5	8.89
	16	41.70	2.81	66.90	4.58	94.80	6.72	101.5	7.25	108.1	7.82	115.1	8.44	122.5	9.31
	18	41.70	2.84	66.90	4.71	94.80	7.06	101.5	7.69	108.1	8.34	115.1	9.09	122.5	10.22
	20	41.70	2.93	66.90	5.00	94.80	7.95	101.5	8.79	108.1	9.70	115.1	10.72	122.5	12.55
	21	47.20	3.68	72.10	6.34	99.80	10.81	106.4	11.55	113.1	12.20	119.6	12.88	126.4	13.96
	23	58.20	8.50	82.90	10.57	110.3	13.49	116.6	14.24	122.9	15.07	128.4	15.82	134.7	17.09
	25	69.60	10.51	93.80	13.11	121.0	16.88	126.7	17.82	133.0	18.81	137.6	19.64	143.1	21.11
	27	81.20	13.28	105.0	16.51	131.9	21.35	137.5	22.49	143.2	23.64	147.0	24.41	159.9	27.79
	29	93.10	17.03	116.2	20.86	143.1	26.33	148.3	27.51	154.0	28.79	163.2	31.06	189.0	39.03
	31	105.4	21.38	128.1	25.77	154.7	32.34	159.5	33.66	173.3	37.58	193.2	43.72	218.4	54.08
	33	117.9	26.77	140.0	31.91	166.3	39.73	183.1	45.29	203.7	52.90	222.9	60.67	247.5	73.33
	35	130.8	33.57	152.6	39.55	195.3	55.44	213.5	63.55	234.2	72.95	252.6	81.72	276.7	93.87
	37	130.8	35.83	152.6	42.20	195.3	59.19	213.5	67.77	234.2	77.98	252.6	86.98	259.1	92.09
	39	130.8	38.22	152.6	45.02	195.3	63.23	213.5	72.36	234.2	83.52	242.8	87.98	240.0	88.74
	41	130.8	40.79	152.6	48.05	195.3	67.62	213.5	77.41	224.4	83.52	224.3	83.54	221.8	84.59
	43	130.8	43.54	152.6	51.28	195.3	72.39	206.7	78.77	206.5	78.72	206.5	78.71	204.2	79.79
	46	130.8	47.98	152.6	56.55	181.5	72.00	181.5	71.98	181.2	71.92	181.5	71.99	179.1	72.84
	48	130.8	51.22	152.6	60.39	165.6	67.55	165.8	67.65	165.5	67.51	165.3	67.48	163.4	68.33
	50	130.8	54.66	150.7	63.50	150.4	63.46	150.3	63.52	150.3	63.45	150.1	63.41	148.1	64.06
	52	129.6	57.54	131.9	54.87	133.4	52.76	133.7	52.34	134.2	51.86	134.5	51.47	134.2	51.81
120	10	38.50	2.59	61.70	4.13	87.50	5.91	93.50	6.33	99.80	6.78	106.3	7.25	113.1	7.81
	12	38.50	2.59	61.70	4.14	87.50	5.94	93.50	6.38	99.80	6.82	106.3	7.32	113.1	7.91
	14	38.50	2.59	61.70	4.16	87.50	6.00	93.50	6.45	99.80	6.95	106.3	7.44	113.1	8.08
	16	38.50	2.59	61.70	4.20	87.50	6.13	93.50	6.62	99.80	7.12	106.3	7.67	113.1	8.40
	18	38.50	2.63	61.70	4.29	87.50	6.40	93.50	6.95	99.80	7.54	106.3	8.17	113.1	9.12
	20	38.50	2.69	61.70	4.53	87.50	7.09	93.50	7.82	99.80	8.58	106.3	9.44	113.1	11.05
	21	43.50	3.30	66.50	5.63	92.10	9.48	98.30	10.59	104.3	11.36	110.3	11.93	116.8	12.86
	23	53.80	8.12	76.40	9.96	101.9	12.51	107.5	13.15	113.4	13.86	118.6	14.51	124.3	15.60
	25	64.30	9.95	86.40	12.23	111.6	15.50	117.2	16.29	122.8	17.16	127.1	17.84	132.0	19.13
	27	75.00	12.43	96.90	15.26	121.8	19.41	127.0	20.38	132.3	21.42	135.8	22.14	147.7	25.15
	29	86.00	15.77	107.4	19.21	132.0	23.97	136.9	24.98	142.0	26.10	150.7	28.06	174.6	34.90
	31	97.30	19.78	118.3	23.59	142.8	29.26	147.3	30.41	159.9	33.78	178.2	39.05	201.6	47.90
	33	108.9	24.54	129.5	29.01	153.6	35.78	169.1	40.58	188.3	47.06	205.8	53.65	228.6	64.81
	35	120.8	30.58	140.7	35.76	180.2	49.43	197.1	56.31	216.3	64.66	233.1	72.43	255.5	84.82
	37	120.8	32.64	140.7	38.16	180.2	52.76	197.1	60.13	216.3	69.00	233.1	77.38	255.5	90.36
	39	120.8	34.82	140.7	40.73	180.2	56.31	197.1	64.23	216.3	73.68	233.1	82.89	240.1	88.80
	41	120.8	37.16	140.7	43.47	180.2	60.13	197.1	68.70	216.3	78.82	224.4	83.52	221.7	84.56
	43	120.8	39.65	140.7	46.38	180.2	64.25	197.1	73.49	206.7	78.72	206.7	78.73	204.1	79.67
	46	120.8	43.74	140.7	51.11	180.2	71.13	181.5	72.00	181.3	71.93	181.2	71.93	179.1	72.92
	48	120.8	46.67	140.7	54.56	165.7	67.63	165.6	67.60	165.5	67.56	165.3	67.42	163.4	68.39
	50	120.8	49.80	140.7	58.25	150.5	63.50	150.4	63.51	150.9	63.69	150.4	63.44	148.5	64.20
	52	120.8	53.17	131.4	55.77	132.9	53.62	133.2	53.20	133.4	52.73	133.7	52.42	133.5	52.89
110	10	35.40	2.36	56.70	3.78	80.10	5.39	85.80	5.77	91.40	6.19	97.30	6.61	103.6	7.11
	12	35.40	2.36	56.70	3.78	80.10	5.42	85.80	5.83	91.40	6.22	97.30	6.65	103.6	7.20
	14	35.40	2.36	56.70	3.81	80.10	5.48	85.80	5.87	91.40	6.32	97.30	6.74	103.6	7.31
	16	35.40	2.38	56.70	3.84	80.10	5.58	85.80	6.00	91.40	6.45	97.30	6.93	103.6	7.57
	18	35.40	2.38	56.70	3.91	80.10	5.78	85.80	6.26	91.40	6.77	97.30	7.30	103.6	8.12

32. ARUM700LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	35.40	2.42	56.70	4.08	80.10	6.30	85.80	6.92	91.40	7.57	97.30	8.29	103.6	9.57
	21	39.90	2.96	61.00	4.97	84.40	8.16	89.90	9.09	95.60	10.12	101.1	10.96	107.0	11.86
	23	49.30	7.76	70.00	9.39	93.40	11.61	98.60	12.16	103.9	12.76	108.8	13.29	114.0	14.24
	25	58.80	9.39	79.40	11.40	102.2	14.22	107.4	14.88	112.4	15.60	116.6	16.19	121.1	17.29
	27	68.70	11.59	88.80	14.07	111.6	17.62	116.2	18.44	121.2	19.31	124.5	19.93	135.4	22.60
	29	78.80	14.57	98.40	17.59	121.1	21.78	125.6	22.64	130.2	23.59	138.2	25.25	160.0	31.08
	31	89.20	18.23	108.5	21.52	130.8	26.41	135.0	27.37	146.6	30.26	163.4	34.73	184.8	42.21
	33	99.80	22.45	118.6	26.28	140.7	32.10	155.0	36.18	172.5	41.69	188.6	47.23	209.4	56.76
	35	110.7	27.77	129.1	32.21	165.2	43.88	180.7	49.68	198.2	56.73	213.7	63.56	234.1	75.05
	37	110.7	29.61	129.1	34.37	165.2	46.83	180.7	53.01	198.2	60.58	213.7	67.81	234.1	80.28
	39	110.7	31.59	129.1	36.68	165.2	49.96	180.7	56.59	198.2	64.72	213.7	72.40	234.1	85.74
	41	110.7	33.74	129.1	39.15	165.2	53.33	180.7	60.42	198.2	69.23	213.7	77.44	221.9	84.60
	43	110.7	36.01	129.1	41.79	165.2	56.91	180.7	64.60	198.2	74.02	206.8	78.77	204.2	79.73
	46	110.7	39.71	129.1	46.06	165.2	62.84	180.7	71.51	181.4	72.01	181.5	71.97	179.1	72.89
	48	110.7	42.39	129.1	49.16	165.0	67.11	165.5	67.50	165.6	67.59	165.6	67.51	163.4	68.33
	50	110.7	45.24	129.1	52.44	150.7	63.53	150.7	63.53	150.3	63.46	150.5	63.47	148.6	64.24
	52	110.7	48.30	129.1	55.94	132.2	54.68	132.4	54.27	132.7	53.80	132.3	53.36	132.9	53.51
100	10	32.20	2.15	51.40	3.43	72.80	4.90	78.10	5.24	83.30	5.60	88.60	5.98	94.10	6.44
	12	32.20	2.15	51.40	3.44	72.80	4.90	78.10	5.28	83.30	5.64	88.60	6.02	94.10	6.49
	14	32.20	2.15	51.40	3.44	72.80	4.96	78.10	5.32	83.30	5.69	88.60	6.08	94.10	6.57
	16	32.20	2.15	51.40	3.46	72.80	5.03	78.10	5.41	83.30	5.79	88.60	6.21	94.10	6.77
	18	32.20	2.17	51.40	3.52	72.80	5.16	78.10	5.60	83.30	6.03	88.60	6.50	94.10	7.16
	20	32.20	2.20	51.40	3.65	72.80	5.58	78.10	6.09	83.30	6.62	88.60	7.22	94.10	8.25
	21	36.30	2.64	55.60	4.36	77.00	7.00	81.80	7.75	86.80	8.57	92.00	9.44	97.30	10.94
	23	44.80	7.39	63.70	8.82	84.70	10.75	89.60	11.23	94.50	11.72	98.70	12.20	103.6	12.97
	25	53.60	8.84	72.10	10.61	93.10	13.01	97.60	13.59	102.2	14.19	106.0	14.67	110.0	15.61
	27	62.40	10.79	80.70	12.94	101.5	15.96	105.7	16.65	110.2	17.40	113.1	17.89	122.9	20.12
	29	71.70	13.42	89.50	16.02	110.0	19.70	114.1	20.43	118.3	21.25	125.6	22.65	145.5	27.55
	31	81.10	16.74	98.60	19.57	119.0	23.73	122.5	24.53	133.3	26.99	148.5	30.75	168.0	37.03
	33	90.60	20.47	107.8	23.74	128.0	28.66	140.7	32.10	156.8	36.73	171.5	41.37	190.4	49.28
	35	100.8	25.10	117.3	28.88	150.1	38.74	164.3	43.60	180.2	49.44	194.3	55.09	212.8	65.00
	37	100.8	26.76	117.3	30.83	150.1	41.35	164.3	46.52	180.2	52.77	194.3	58.81	212.8	69.35
	39	100.8	28.57	117.3	32.88	150.1	44.12	164.3	49.65	180.2	56.32	194.3	62.82	212.8	74.08
	41	100.8	30.48	117.3	35.10	150.1	47.07	164.3	52.98	180.2	60.15	194.3	67.17	212.8	79.27
	43	100.8	32.55	117.3	37.49	150.1	50.23	164.3	56.56	180.2	64.28	194.3	71.89	204.4	79.81
	46	100.8	35.92	117.3	41.34	150.1	55.38	164.3	62.42	180.2	71.16	181.5	72.03	179.1	72.83
	48	100.8	38.35	117.3	44.12	150.1	59.14	164.3	66.74	165.6	67.58	165.4	67.49	163.4	68.34
	50	100.8	40.97	117.3	47.07	149.8	63.04	150.7	63.53	150.5	63.49	150.6	63.56	148.4	64.14
	52	100.8	43.74	117.3	50.24	131.1	55.86	131.8	55.20	132.2	54.48	132.7	53.88	132.4	53.98
90	10	29.00	1.93	46.20	3.08	65.50	4.39	70.30	4.71	74.80	5.03	79.80	5.36	84.70	5.77
	12	29.00	1.93	46.20	3.08	65.50	4.41	70.30	4.73	74.80	5.04	79.80	5.39	84.70	5.81
	14	29.00	1.93	46.20	3.09	65.50	4.43	70.30	4.75	74.80	5.09	79.80	5.45	84.70	5.87
	16	29.00	1.93	46.20	3.12	65.50	4.48	70.30	4.82	74.80	5.17	79.80	5.54	84.70	6.00
	18	29.00	1.93	46.20	3.14	65.50	4.60	70.30	4.95	74.80	5.33	79.80	5.74	84.70	6.29
	20	29.00	1.97	46.20	3.24	65.50	4.87	70.30	5.31	74.80	5.76	79.80	6.26	84.70	7.08
	21	32.60	2.31	50.00	3.79	69.30	5.94	73.50	6.55	78.10	7.20	82.70	7.88	87.50	9.50
	23	40.30	7.04	57.30	8.29	76.30	9.95	80.50	10.36	85.10	10.78	88.90	11.16	93.20	11.85
	25	48.30	8.32	64.80	9.84	83.70	11.90	87.90	12.38	92.10	12.90	95.20	13.31	99.10	14.08
	27	56.30	10.03	72.50	11.86	91.40	14.43	95.20	15.01	99.10	15.61	101.9	16.03	110.7	17.89
	29	64.50	12.32	80.50	14.54	99.10	17.72	102.6	18.38	106.5	19.06	113.1	20.25	131.0	24.33
	31	72.90	15.29	88.60	17.75	107.0	21.23	110.3	21.93	120.0	23.95	133.7	27.07	151.2	32.27

32. ARUM700LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	81.60	18.60	96.90	21.35	115.1	25.47	126.7	28.35	141.1	32.18	154.4	35.99	171.5	42.49
	35	90.60	22.62	105.7	25.78	135.1	34.00	148.0	38.02	162.1	42.84	175.0	47.43	191.5	55.58
	37	90.60	24.09	105.7	27.49	135.1	36.28	148.0	40.58	162.1	45.69	175.0	50.61	191.5	59.33
	39	90.60	25.69	105.7	29.34	135.1	38.71	148.0	43.29	162.1	48.77	175.0	54.02	191.5	63.37
	41	90.60	27.43	105.7	31.31	135.1	41.31	148.0	46.20	162.1	52.04	175.0	57.67	191.5	67.77
	43	90.60	29.29	105.7	33.45	135.1	44.10	148.0	49.30	162.1	55.55	175.0	61.60	191.5	72.51
	46	90.60	32.35	105.7	36.90	135.1	48.61	148.0	54.35	162.1	61.31	175.0	68.10	179.3	72.90
	48	90.60	34.57	105.7	39.40	135.1	51.87	148.0	58.03	162.1	65.53	165.6	67.57	163.8	68.45
	50	90.60	36.92	105.7	42.07	135.1	55.36	148.0	61.98	150.5	63.49	150.5	63.53	148.6	64.27
	52	90.60	39.43	105.7	44.91	130.9	56.53	131.4	55.85	131.9	55.13	132.2	54.45	132.2	54.63
80	10	25.60	1.72	41.30	2.74	58.40	3.89	62.30	4.17	66.50	4.45	70.70	4.75	75.30	5.11
	12	25.60	1.72	41.30	2.74	58.40	3.90	62.30	4.20	66.50	4.47	70.70	4.77	75.30	5.13
	14	25.60	1.72	41.30	2.74	58.40	3.92	62.30	4.20	66.50	4.51	70.70	4.79	75.30	5.17
	16	25.60	1.72	41.30	2.74	58.40	3.95	62.30	4.26	66.50	4.54	70.70	4.86	75.30	5.27
	18	25.60	1.72	41.30	2.77	58.40	4.03	62.30	4.33	66.50	4.67	70.70	5.01	75.30	5.46
	20	25.60	1.72	41.30	2.84	58.40	4.22	62.30	4.59	66.50	4.97	70.70	5.38	75.30	6.02
	21	29.10	2.03	44.40	3.27	61.50	5.01	65.40	5.48	69.60	6.00	73.50	6.53	77.70	7.73
	23	36.40	6.75	51.00	7.77	67.90	9.18	71.70	9.53	75.60	9.88	79.10	10.19	82.90	10.78
	25	42.70	7.81	57.70	9.12	74.50	10.85	78.10	11.26	81.80	11.69	84.70	12.02	88.10	12.66
	27	50.10	9.29	64.50	10.85	81.20	13.00	84.70	13.48	88.20	13.98	90.60	14.32	98.40	15.85
	29	57.30	11.27	71.70	13.15	88.10	15.78	91.30	16.33	94.70	16.93	100.4	17.97	116.5	21.37
	31	64.80	13.85	78.80	15.98	95.20	18.94	98.00	19.50	106.7	21.16	119.0	23.70	134.4	27.93
	33	72.50	16.76	86.20	19.11	102.5	22.52	112.7	24.88	125.4	28.00	137.2	31.10	152.3	36.35
	35	80.50	20.28	93.80	22.90	120.1	29.64	131.5	32.92	144.2	36.80	155.4	40.51	170.2	47.04
	37	80.50	21.58	93.80	24.40	120.1	31.62	131.5	35.13	144.2	39.27	155.4	43.22	170.2	50.18
	39	80.50	23.01	93.80	26.03	120.1	33.75	131.5	37.49	144.2	41.91	155.4	46.13	170.2	53.57
	41	80.50	24.57	93.80	27.80	120.1	36.03	131.5	40.00	144.2	44.72	155.4	49.22	170.2	57.18
	43	80.50	26.23	93.80	29.67	120.1	38.46	131.5	42.69	144.2	47.73	155.4	52.53	170.2	61.07
	46	80.50	28.97	93.80	32.77	120.1	42.42	131.5	47.05	144.2	52.61	155.4	57.93	170.2	67.54
	48	80.50	30.95	93.80	35.01	120.1	45.26	131.5	50.21	144.2	56.16	155.4	61.89	163.7	68.42
	50	80.50	33.11	93.80	37.40	120.1	48.29	131.5	53.59	144.2	59.97	150.5	63.52	148.6	64.23
	52	80.50	35.39	93.80	39.95	120.1	51.53	130.1	56.35	131.3	55.95	131.7	55.28	131.7	55.44
70	10	22.50	1.50	36.10	2.39	51.00	3.40	54.60	3.65	58.20	3.89	61.90	4.14	65.90	4.45
	12	22.50	1.50	36.10	2.38	51.00	3.40	54.60	3.65	58.20	3.89	61.90	4.16	65.90	4.47
	14	22.50	1.51	36.10	2.38	51.00	3.43	54.60	3.67	58.20	3.92	61.90	4.17	65.90	4.51
	16	22.50	1.51	36.10	2.40	51.00	3.43	54.60	3.69	58.20	3.95	61.90	4.22	65.90	4.54
	18	22.50	1.51	36.10	2.42	51.00	3.50	54.60	3.75	58.20	4.02	61.90	4.30	65.90	4.70
	20	22.50	1.51	36.10	2.46	51.00	3.63	54.60	3.91	58.20	4.21	61.90	4.55	65.90	5.04
	21	25.50	1.75	38.90	2.78	53.80	4.17	57.30	4.54	60.80	4.94	64.40	5.35	68.20	6.21
	23	31.50	5.80	44.50	7.28	59.50	8.46	62.70	8.74	66.10	9.05	69.30	9.30	72.40	9.77
	25	37.40	7.32	50.40	8.40	65.10	9.85	68.30	10.19	71.70	10.55	74.20	10.82	77.00	11.37
	27	43.70	8.57	56.40	9.88	71.10	11.66	73.90	12.07	77.00	12.47	79.20	12.73	86.10	13.98
	29	50.10	10.24	62.60	11.80	77.00	13.99	79.80	14.43	82.90	14.92	87.90	15.75	101.9	18.63
	31	56.70	12.46	68.90	14.30	83.30	16.77	85.80	17.24	93.40	18.59	103.9	20.63	117.6	24.01
	33	63.40	14.98	75.50	16.97	89.60	19.81	98.70	21.69	109.8	24.19	120.1	26.63	133.3	30.82
	35	70.40	18.02	82.20	20.21	105.0	25.65	115.1	28.25	126.0	31.35	136.1	34.27	149.0	39.41
	37	70.40	19.15	82.20	21.50	105.0	27.35	115.1	30.14	126.0	33.46	136.1	36.56	149.0	42.05
	39	70.40	20.39	82.20	22.94	105.0	29.19	115.1	32.17	126.0	35.69	136.1	39.03	149.0	44.87
	41	70.40	21.76	82.20	24.49	105.0	31.16	115.1	34.33	126.0	38.11	136.1	41.66	149.0	47.88
	43	70.40	23.27	82.20	26.16	105.0	33.26	115.1	36.66	126.0	40.68	136.1	44.45	149.0	51.11
	46	70.40	25.72	82.20	28.90	105.0	36.72	115.1	40.44	126.0	44.83	136.1	49.00	149.0	56.36

32. ARUM700LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	70.40	27.54	82.20	30.89	105.0	39.19	115.1	43.15	126.0	47.84	136.1	52.29	149.0	60.20
	50	70.40	29.48	82.20	33.03	105.0	41.85	115.1	46.07	126.0	51.05	136.1	55.80	148.3	64.03
	52	70.40	31.57	82.20	35.30	105.0	44.68	115.1	49.16	126.0	54.49	131.2	56.40	130.9	56.51
60	10	19.30	1.30	30.80	2.04	43.70	2.91	46.80	3.12	50.00	3.33	53.20	3.54	56.40	3.81
	12	19.30	1.30	30.80	2.04	43.70	2.91	46.80	3.12	50.00	3.33	53.20	3.54	56.40	3.82
	14	19.30	1.28	30.80	2.04	43.70	2.91	46.80	3.12	50.00	3.33	53.20	3.57	56.40	3.82
	16	19.30	1.29	30.80	2.04	43.70	2.94	46.80	3.14	50.00	3.36	53.20	3.58	56.40	3.86
	18	19.30	1.29	30.80	2.06	43.70	2.95	46.80	3.18	50.00	3.40	53.20	3.64	56.40	3.95
	20	19.30	1.29	30.80	2.08	43.70	3.04	46.80	3.28	50.00	3.52	53.20	3.80	56.40	4.17
	21	21.70	1.47	33.30	2.31	46.20	3.42	49.00	3.72	52.10	4.02	55.30	4.32	58.40	4.91
	23	26.90	4.08	38.20	6.11	50.80	7.76	53.80	8.00	56.70	8.23	59.20	8.46	62.30	8.84
	25	34.00	7.05	43.30	7.73	56.00	8.91	58.50	9.19	61.30	9.47	63.60	9.71	66.10	10.13
	27	37.40	7.90	48.30	8.95	60.90	10.41	63.40	10.72	66.10	11.06	67.90	11.27	73.90	12.28
	29	43.10	9.29	53.60	10.55	66.10	12.31	68.50	12.67	71.10	13.05	75.30	13.74	87.30	16.02
	31	48.60	11.10	59.10	12.60	71.30	14.70	73.50	15.08	79.90	16.18	89.20	17.81	100.8	20.47
	33	54.30	13.27	64.70	14.90	76.70	17.23	84.40	18.78	94.10	20.71	102.9	22.62	114.2	25.86
	35	60.50	15.78	70.40	17.61	90.00	22.00	98.70	24.02	108.1	26.42	116.6	28.67	127.7	32.63
	37	60.50	16.74	70.40	18.70	90.00	23.43	98.70	25.61	108.1	28.19	116.6	30.58	127.7	34.82
	39	60.50	17.79	70.40	19.92	90.00	24.99	98.70	27.32	108.1	30.07	116.6	32.63	127.7	37.15
	41	60.50	18.94	70.40	21.26	90.00	26.68	98.70	29.18	108.1	32.10	116.6	34.85	127.7	39.65
	43	60.50	20.19	70.40	22.73	90.00	28.50	98.70	31.17	108.1	34.29	116.6	37.20	127.7	42.31
	46	60.50	22.32	70.40	25.17	90.00	31.47	98.70	34.40	108.1	37.82	116.6	41.03	127.7	46.63
	48	60.50	23.92	70.40	26.96	90.00	33.63	98.70	36.75	108.1	40.37	116.6	43.78	127.7	49.76
	50	60.50	25.66	70.40	28.89	90.00	35.94	98.70	39.24	108.1	43.11	116.6	46.73	127.7	53.13
	52	60.50	27.59	70.40	30.94	90.00	38.41	98.70	41.89	108.1	46.00	116.6	49.86	127.7	56.71
50	10	16.10	1.22	25.80	1.71	36.40	2.42	38.90	2.59	41.60	2.77	44.40	2.95	47.20	3.16
	12	16.10	1.22	25.80	1.71	36.40	2.42	38.90	2.59	41.60	2.76	44.40	2.95	47.20	3.16
	14	16.10	1.22	25.80	1.71	36.40	2.42	38.90	2.59	41.60	2.78	44.40	2.95	47.20	3.18
	16	16.10	1.22	25.80	1.70	36.40	2.42	38.90	2.59	41.60	2.78	44.40	2.97	47.20	3.19
	18	16.10	1.23	25.80	1.72	36.40	2.44	38.90	2.63	41.60	2.80	44.40	3.01	47.20	3.25
	20	16.10	1.23	25.80	1.72	36.40	2.48	38.90	2.67	41.60	2.87	44.40	3.08	47.20	3.35
	21	18.20	1.24	27.70	1.89	38.50	2.74	40.90	2.96	43.40	3.17	45.90	3.41	48.60	3.81
	23	22.40	2.77	31.90	4.12	42.40	7.11	44.80	7.28	47.20	7.49	49.40	7.66	51.80	7.95
	25	32.20	7.05	36.50	7.15	46.60	8.04	48.70	8.25	51.10	8.46	52.90	8.64	54.90	8.99
	27	32.50	7.42	40.30	8.08	50.70	9.23	52.90	9.47	55.00	9.71	56.60	9.90	61.50	10.68
	29	35.70	8.36	44.80	9.37	55.00	10.73	57.10	11.02	59.10	11.31	62.70	11.84	72.80	13.60
	31	40.50	9.82	49.30	11.00	59.50	12.67	61.30	12.98	66.50	13.89	74.20	15.21	84.00	17.28
	33	45.50	11.63	53.90	12.92	64.10	14.77	70.40	15.98	78.40	17.53	85.70	19.00	95.20	21.44
	35	50.30	13.65	58.80	15.11	75.00	18.64	82.20	20.21	90.00	22.00	97.30	23.67	106.4	26.60
	37	50.30	14.42	58.80	15.99	75.00	19.83	82.20	21.51	90.00	23.45	97.30	25.23	106.4	28.37
	39	50.30	15.26	58.80	16.97	75.00	21.14	82.20	22.94	90.00	25.01	97.30	26.93	106.4	30.28
	41	50.30	16.19	58.80	18.07	75.00	22.54	82.20	24.49	90.00	26.69	97.30	28.74	106.4	32.32
	43	50.30	17.21	58.80	19.25	75.00	24.10	82.20	26.16	90.00	28.50	97.30	30.69	106.4	34.51
	46	50.30	18.95	58.80	21.28	75.00	26.66	82.20	28.90	90.00	31.48	97.30	33.88	106.4	38.07
	48	50.30	20.27	58.80	22.78	75.00	28.52	82.20	30.89	90.00	33.65	97.30	36.20	106.4	40.65
	50	50.30	21.69	58.80	24.43	75.00	30.53	82.20	33.03	90.00	35.96	97.30	38.66	106.4	43.39
	52	50.30	23.27	58.80	26.24	75.00	32.64	82.20	35.32	90.00	38.42	97.30	41.30	106.4	46.32

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

32. ARUM700LTE6

32.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	131.5	60.11	130.5	60.62	129.5	61.13	129.0	61.37	128.6	61.64	127.7	62.13
	-24.8	-25	152.9	63.19	151.8	63.77	150.9	64.32	150.2	64.60	149.8	64.90	148.7	65.45
	-21.8	-22	166.3	64.97	165.2	65.58	164.1	66.17	163.4	66.48	163.0	66.76	161.7	67.33
	-19.8	-20	175.8	66.17	174.6	66.79	173.3	67.41	172.6	67.72	172.2	68.02	171.1	68.63
	-18.8	-19	180.7	66.76	179.4	67.40	178.2	68.05	177.6	68.35	176.8	68.66	175.7	69.25
	-16.7	-17	190.6	67.98	189.5	68.64	188.1	69.29	187.4	69.62	186.9	69.93	185.5	70.56
	-15	-15.9	196.9	68.68	195.4	69.36	194.0	70.03	193.4	70.34	192.7	70.68	191.5	71.30
	-13.7	-15	202.0	69.30	200.5	69.99	199.4	70.67	198.7	71.01	198.0	71.35	196.9	72.00
	-11.8	-13	212.4	70.49	210.9	71.19	209.6	71.89	208.8	72.23	208.1	72.57	206.7	73.24
	-9.8	-11	223.9	71.74	222.2	72.46	220.8	73.18	220.1	73.52	219.3	73.87	217.9	74.55
	-9.5	-10	229.3	72.32	227.8	73.05	226.3	73.79	225.6	74.14	224.7	74.51	223.2	75.20
	-8.5	-9.1	234.8	72.91	233.1	73.65	231.5	74.38	230.8	74.75	230.1	75.10	228.4	75.81
	-7	-7.6	244.0	73.87	242.4	74.64	240.7	75.40	240.0	75.75	239.0	76.12	237.4	76.84
	-5	-5.6	256.9	75.20	255.1	75.98	253.3	76.73	252.5	77.12	251.6	77.49	249.8	78.23
	-3	-3.7	269.6	76.46	267.8	77.27	265.9	78.06	265.0	78.45	264.1	78.84	250.9	74.30
	0	-0.7	290.6	78.53	288.4	79.36	286.4	80.12	277.6	77.10	268.8	74.03	250.9	68.01
	3	2.2	311.5	80.54	304.5	79.33	286.6	73.55	277.6	70.73	268.8	67.94	250.9	62.49
	5	4.1	322.4	80.51	304.5	74.95	286.6	69.54	277.6	66.90	268.8	64.28	250.9	59.17
	7	6	322.4	76.02	304.5	70.80	286.6	65.73	277.6	63.24	268.8	60.77	250.9	55.97
	9	7.9	322.4	71.60	304.5	66.71	286.6	61.94	277.6	59.61	268.8	57.31	250.9	52.81
	11	9.8	322.4	67.35	304.5	62.79	286.6	58.34	277.6	56.16	268.8	54.03	250.9	49.82
	13	11.8	322.4	63.09	304.5	58.86	286.6	54.76	277.6	52.73	268.8	50.74	250.9	46.83
	15	13.7	322.4	59.27	304.5	55.35	286.6	51.50	277.6	49.63	268.8	47.77	250.9	44.14
120	-30	-30.2	130.8	60.39	129.9	60.89	129.0	61.41	128.6	61.65	128.0	61.89	127.3	62.39
	-24.8	-25	152.2	63.57	151.2	64.12	150.1	64.69	149.4	64.97	149.1	65.24	148.0	65.78
	-21.8	-22	165.6	65.41	164.5	66.00	163.2	66.59	162.7	66.89	162.1	67.17	161.0	67.74
	-19.8	-20	174.8	66.65	173.7	67.26	172.6	67.88	171.9	68.18	171.3	68.46	170.2	69.07
	-18.8	-19	179.6	67.26	178.5	67.89	177.2	68.53	176.5	68.83	176.1	69.12	174.8	69.73
	-16.7	-17	189.5	68.53	188.4	69.18	187.0	69.83	186.4	70.14	185.9	70.45	184.6	71.06
	-15	-15.9	195.4	69.25	194.3	69.93	192.9	70.58	192.3	70.90	191.6	71.23	190.4	71.85
	-13.7	-15	200.9	69.91	199.4	70.60	198.3	71.26	197.6	71.59	196.9	71.91	195.8	72.55
	-11.8	-13	211.2	71.14	209.8	71.84	208.3	72.52	207.6	72.85	207.0	73.18	205.6	73.83
	-9.8	-11	222.5	72.46	220.8	73.17	219.3	73.87	218.6	74.22	217.9	74.55	216.4	75.23
	-9.5	-10	227.8	73.08	226.3	73.80	224.5	74.51	223.8	74.86	223.2	75.20	221.7	75.88
	-8.5	-9.1	233.0	73.69	231.5	74.42	229.9	75.13	229.1	75.48	228.4	75.84	226.9	76.53
	-7	-7.6	242.2	74.72	240.7	75.44	238.9	76.19	238.2	76.54	237.4	76.90	231.4	75.51
	-5	-5.6	254.7	76.09	253.0	76.86	251.2	77.62	250.5	77.97	248.1	77.57	231.4	71.25
	-3	-3.7	267.4	77.45	265.6	78.23	263.7	79.00	256.2	76.34	248.1	73.32	231.4	67.38
	0	-0.7	287.7	79.63	281.1	78.29	264.6	72.63	256.2	69.84	248.1	67.10	231.4	61.75
	3	2.2	297.5	77.09	281.1	71.82	264.6	66.67	256.2	64.16	248.1	61.68	231.4	56.81
	5	4.1	297.5	72.85	281.1	67.92	264.6	63.10	256.2	60.73	248.1	58.39	231.4	53.84
	7	6	297.5	68.84	281.1	64.18	264.6	59.66	256.2	57.43	248.1	55.24	231.4	50.94
	9	7.9	297.5	64.86	281.1	60.51	264.6	56.27	256.2	54.19	248.1	52.14	231.4	48.10
	11	9.8	297.5	61.06	281.1	56.99	264.6	53.04	256.2	51.10	248.1	49.19	231.4	45.43
	13	11.8	297.5	57.28	281.1	53.50	264.6	49.84	256.2	48.02	248.1	46.24	231.4	42.74

32. ARUM700LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	297.5	53.85	281.1	50.35	264.6	46.93	256.2	45.25	248.1	43.58	231.4	40.32
110	-30	-30.2	130.2	60.72	129.4	61.24	128.4	61.72	128.0	61.98	127.5	62.22	126.6	62.70
	-24.8	-25	151.5	64.01	150.4	64.56	149.4	65.10	148.7	65.38	148.3	65.65	147.2	66.17
	-21.8	-22	164.5	65.93	163.4	66.50	162.3	67.09	161.7	67.37	161.2	67.64	160.3	68.22
	-19.8	-20	173.7	67.20	172.6	67.81	171.5	68.40	170.8	68.70	170.4	69.00	169.1	69.56
	-18.8	-19	178.5	67.85	177.2	68.46	176.1	69.08	175.4	69.38	175.0	69.66	173.9	70.27
	-16.7	-17	188.4	69.18	187.0	69.80	185.9	70.44	185.2	70.75	184.6	71.06	183.4	71.65
	-15	-15.9	194.1	69.94	192.9	70.58	191.6	71.23	190.9	71.54	190.4	71.85	189.0	72.46
	-13.7	-15	199.4	70.61	198.1	71.29	196.9	71.94	196.3	72.28	195.6	72.59	194.5	73.21
	-11.8	-13	209.6	71.91	208.1	72.60	206.7	73.26	205.9	73.59	205.5	73.90	204.1	74.55
	-9.8	-11	220.6	73.29	219.0	74.00	217.5	74.68	216.8	75.00	216.1	75.34	212.2	74.64
	-9.5	-10	226.0	73.94	224.5	74.65	222.8	75.34	222.1	75.68	221.4	76.01	212.2	72.71
	-8.5	-9.1	231.2	74.59	229.5	75.31	228.0	75.99	227.3	76.36	226.6	76.68	212.2	70.86
	-7	-7.6	240.0	75.68	238.5	76.40	236.8	77.12	234.9	76.88	227.5	73.85	212.2	67.91
	-5	-5.6	252.3	77.14	250.8	77.89	242.6	75.44	234.9	72.54	227.5	69.70	212.2	64.13
	-3	-3.7	264.8	78.58	257.7	76.86	242.6	71.32	234.9	68.61	227.5	65.92	212.2	60.70
	0	-0.7	273.0	75.45	257.7	70.31	242.6	65.31	234.9	62.86	227.5	60.43	212.2	55.69
	3	2.2	273.0	69.23	257.7	64.58	242.6	60.04	234.9	57.82	227.5	55.62	212.2	51.31
	5	4.1	273.0	65.48	257.7	61.11	242.6	56.86	234.9	54.78	227.5	52.71	212.2	48.68
	7	6	273.0	61.91	257.7	57.80	242.6	53.78	234.9	51.81	227.5	49.87	212.2	46.07
	9	7.9	273.0	58.39	257.7	54.53	242.6	50.78	234.9	48.93	227.5	47.12	212.2	43.54
	11	9.8	273.0	55.01	257.7	51.43	242.6	47.91	234.9	46.19	227.5	44.50	212.2	41.17
	13	11.8	273.0	51.65	257.7	48.32	242.6	45.07	234.9	43.47	227.5	41.88	212.2	38.78
	15	13.7	273.0	48.63	257.7	45.53	242.6	42.49	234.9	40.99	227.5	39.51	212.2	36.62
100	-30	-30.2	129.5	61.13	128.6	61.61	127.7	62.11	127.3	62.35	126.9	62.59	125.9	63.07
	-24.8	-25	150.5	64.53	149.4	65.07	148.3	65.62	147.9	65.86	147.4	66.13	146.5	66.65
	-21.8	-22	163.4	66.52	162.3	67.09	161.2	67.65	160.6	67.94	160.3	68.22	159.2	68.76
	-19.8	-20	172.6	67.85	171.3	68.46	170.2	69.05	169.7	69.32	169.1	69.62	168.0	70.17
	-18.8	-19	177.2	68.53	176.1	69.14	174.8	69.73	174.3	70.03	173.7	70.31	172.6	70.89
	-16.7	-17	186.9	69.93	185.5	70.55	184.4	71.16	183.8	71.47	183.1	71.75	182.0	72.33
	-15	-15.9	192.6	70.73	191.2	71.37	190.1	71.99	189.4	72.30	188.8	72.60	187.6	73.18
	-13.7	-15	197.8	71.46	196.5	72.11	195.4	72.76	194.8	73.07	194.1	73.38	192.9	73.92
	-11.8	-13	207.7	72.81	206.3	73.46	204.9	74.11	204.2	74.44	203.7	74.75	192.9	70.31
	-9.8	-11	218.5	74.27	217.1	74.96	215.7	75.61	213.5	75.24	206.7	72.30	192.9	66.53
	-9.5	-10	223.8	74.96	222.1	75.64	220.5	76.19	213.5	73.27	206.7	70.42	192.9	64.83
	-8.5	-9.1	228.8	75.64	227.3	76.34	220.5	74.24	213.5	71.42	206.7	68.64	192.9	63.21
	-7	-7.6	237.6	76.80	234.2	76.60	220.5	71.14	213.5	68.44	206.7	65.80	192.9	60.60
	-5	-5.6	248.1	77.57	234.2	72.30	220.5	67.15	213.5	64.64	206.7	62.14	192.9	57.28
	-3	-3.7	248.1	73.32	234.2	68.36	220.5	63.54	213.5	61.16	206.7	58.83	192.9	54.26
	0	-0.7	248.1	67.11	234.2	62.63	220.5	58.26	213.5	56.11	206.7	54.01	192.9	49.85
	3	2.2	248.1	61.68	234.2	57.61	220.5	53.65	213.5	51.70	206.7	49.77	192.9	46.00
	5	4.1	248.1	58.39	234.2	54.58	220.5	50.86	213.5	49.03	206.7	47.23	192.9	43.67
	7	6	248.1	55.24	234.2	51.64	220.5	48.14	213.5	46.41	206.7	44.71	192.9	41.35
	9	7.9	248.1	52.14	234.2	48.78	220.5	45.50	213.5	43.88	206.7	42.27	192.9	39.14
	11	9.8	248.1	49.19	234.2	46.05	220.5	42.98	213.5	41.47	206.7	39.99	192.9	37.04
	13	11.8	248.1	46.24	234.2	43.32	220.5	40.47	213.5	39.06	206.7	37.66	192.9	34.94
	15	13.7	248.1	43.58	234.2	40.85	220.5	38.19	213.5	36.88	206.7	35.57	192.9	33.04

32. ARUM700LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	128.6	61.61	127.7	62.09	126.9	62.57	126.6	62.81	125.9	63.05	125.1	63.50
	-24.8	-25	149.4	65.14	148.3	65.69	147.2	66.20	146.9	66.47	146.3	66.71	145.2	67.22
	-21.8	-22	162.1	67.23	161.0	67.78	159.9	68.35	159.3	68.63	158.8	68.88	157.9	69.42
	-19.8	-20	170.9	68.64	169.8	69.22	168.7	69.79	168.2	70.07	167.6	70.34	166.5	70.89
	-18.8	-19	175.7	69.36	174.3	69.96	173.2	70.52	172.6	70.82	172.1	71.10	171.1	71.64
	-16.7	-17	185.1	70.82	183.8	71.43	182.7	72.02	182.0	72.32	181.3	72.60	173.6	69.31
	-15	-15.9	190.8	71.67	189.4	72.30	188.3	72.91	187.6	73.19	185.9	72.95	173.6	67.17
	-13.7	-15	195.9	72.46	194.7	73.10	193.4	73.72	192.2	73.65	185.9	70.75	173.6	65.08
	-11.8	-13	205.5	73.87	204.1	74.52	198.4	72.74	192.2	70.02	185.9	67.31	173.6	61.99
	-9.8	-11	216.0	75.44	210.7	74.06	198.4	68.82	192.2	66.25	185.9	63.70	173.6	58.72
	-9.5	-10	221.0	76.16	210.7	72.14	198.4	67.05	192.2	64.55	185.9	62.07	173.6	57.25
	-8.5	-9.1	223.3	75.37	210.7	70.30	198.4	65.37	192.2	62.93	185.9	60.54	173.6	55.83
	-7	-7.6	223.3	72.23	210.7	67.38	198.4	62.66	192.2	60.35	185.9	58.07	173.6	53.57
	-5	-5.6	223.3	68.16	210.7	63.64	198.4	59.20	192.2	57.03	185.9	54.90	173.6	50.67
	-3	-3.7	223.3	64.49	210.7	60.25	198.4	56.07	192.2	54.02	185.9	52.00	173.6	48.05
	0	-0.7	223.3	59.13	210.7	55.27	198.4	51.51	192.2	49.65	185.9	47.81	173.6	44.21
	3	2.2	223.3	54.44	210.7	50.93	198.4	47.51	192.2	45.82	185.9	44.15	173.6	40.88
	5	4.1	223.3	51.59	210.7	48.30	198.4	45.09	192.2	43.49	185.9	41.93	173.6	38.84
	7	6	223.3	48.83	210.7	45.72	198.4	42.69	192.2	41.20	185.9	39.73	173.6	36.82
	9	7.9	223.3	46.13	210.7	43.23	198.4	40.40	192.2	39.00	185.9	37.60	173.6	34.89
	11	9.8	223.3	43.60	210.7	40.88	198.4	38.21	192.2	36.90	185.9	35.60	173.6	33.04
	13	11.8	223.3	41.02	210.7	38.50	198.4	36.01	192.2	34.81	185.9	33.59	173.6	31.23
	15	13.7	223.3	38.72	210.7	36.36	198.4	34.04	192.2	32.91	185.9	31.78	173.6	29.56
80	-30	-30.2	127.7	62.19	126.6	62.67	125.9	63.14	125.5	63.36	125.1	63.59	124.2	64.04
	-24.8	-25	147.9	65.89	146.9	66.43	145.9	66.95	145.4	67.19	144.8	67.43	144.1	67.93
	-21.8	-22	160.3	68.11	159.2	68.66	158.2	69.18	157.7	69.44	157.2	69.72	154.4	69.02
	-19.8	-20	169.1	69.59	168.0	70.16	166.9	70.71	166.3	70.99	165.2	70.95	154.4	65.40
	-18.8	-19	173.6	70.37	172.5	70.93	171.4	71.49	170.8	71.77	165.2	69.08	154.4	63.69
	-16.7	-17	182.8	71.91	181.6	72.50	176.4	70.62	170.8	68.01	165.2	65.43	154.4	60.34
	-15	-15.9	188.3	72.83	187.2	73.42	176.4	68.44	170.8	65.90	165.2	63.39	154.4	58.45
	-13.7	-15	193.4	73.68	187.3	71.39	176.4	66.33	170.8	63.84	165.2	61.37	154.4	56.57
	-11.8	-13	198.4	72.75	187.3	67.91	176.4	63.16	170.8	60.82	165.2	58.53	154.4	53.96
	-9.8	-11	198.4	68.82	187.3	64.26	176.4	59.83	170.8	57.64	165.2	55.47	154.4	51.25
	-9.5	-10	198.4	67.05	187.3	62.62	176.4	58.31	170.8	56.19	165.2	54.09	154.4	49.98
	-8.5	-9.1	198.4	65.37	187.3	61.06	176.4	56.87	170.8	54.81	165.2	52.77	154.4	48.75
	-7	-7.6	198.4	62.66	187.3	58.56	176.4	54.55	170.8	52.60	165.2	50.64	154.4	46.80
	-5	-5.6	198.4	59.20	187.3	55.36	176.4	51.60	170.8	49.76	165.2	47.93	154.4	44.32
	-3	-3.7	198.4	56.07	187.3	52.45	176.4	48.91	170.8	47.18	165.2	45.47	154.4	42.09
	0	-0.7	198.4	51.51	187.3	48.23	176.4	45.01	170.8	43.44	165.2	41.88	154.4	38.81
	3	2.2	198.4	47.51	187.3	44.51	176.4	41.61	170.8	40.16	165.2	38.73	154.4	35.94
	5	4.1	198.4	45.09	187.3	42.28	176.4	39.52	170.8	38.16	165.2	36.82	154.4	34.18
	7	6	198.4	42.69	187.3	40.04	176.4	37.46	170.8	36.19	165.2	34.92	154.4	32.43
	9	7.9	198.4	40.40	187.3	37.91	176.4	35.50	170.8	34.30	165.2	33.11	154.4	30.78
	11	9.8	198.4	38.21	187.3	35.88	176.4	33.61	170.8	32.50	165.2	31.37	154.4	29.19
	13	11.8	198.4	36.01	187.3	33.85	176.4	31.74	170.8	30.69	165.2	29.66	154.4	27.63
	15	13.7	198.4	34.04	187.3	32.02	176.4	30.04	170.8	29.06	165.2	28.10	154.4	26.18
70	-30	-30.2	126.2	62.94	125.5	63.39	124.5	63.84	124.2	64.07	123.8	64.31	123.0	64.72

32. ARUM700LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	145.9	66.85	145.2	67.36	144.1	67.84	143.7	68.08	143.3	68.32	135.0	63.98
	-21.8	-22	158.2	69.20	157.1	69.72	154.4	69.02	149.4	66.48	144.6	63.98	135.0	59.08
	-19.8	-20	166.9	70.79	164.1	70.27	154.4	65.40	149.4	63.02	144.6	60.66	135.0	56.03
	-18.8	-19	171.1	71.60	164.1	68.38	154.4	63.69	149.4	61.37	144.6	59.08	135.0	54.57
	-16.7	-17	173.6	69.32	164.1	64.78	154.4	60.34	149.4	58.17	144.6	56.00	135.0	51.76
	-15	-15.9	173.6	67.17	164.1	62.77	154.4	58.45	149.4	56.32	144.6	54.20	135.0	50.05
	-13.7	-15	173.6	65.09	164.1	60.77	154.4	56.58	149.4	54.51	144.6	52.46	135.0	48.45
	-11.8	-13	173.6	61.99	164.1	57.93	154.4	53.96	149.4	51.97	144.6	50.05	135.0	46.23
	-9.8	-11	173.6	58.73	164.1	54.95	154.4	51.25	149.4	49.40	144.6	47.60	135.0	44.01
	-9.5	-10	173.6	57.25	164.1	53.57	154.4	49.98	149.4	48.21	144.6	46.44	135.0	43.01
	-8.5	-9.1	173.6	55.83	164.1	52.26	154.4	48.75	149.4	47.03	144.6	45.33	135.0	41.97
	-7	-7.6	173.6	53.57	164.1	50.17	154.4	46.80	149.4	45.17	144.6	43.54	135.0	40.33
	-5	-5.6	173.6	50.67	164.1	47.47	154.4	44.34	149.4	42.80	144.6	41.27	135.0	38.26
	-3	-3.7	173.6	48.05	164.1	45.04	154.4	42.09	149.4	40.64	144.6	39.20	135.0	36.35
	0	-0.7	173.6	44.21	164.1	41.49	154.4	38.81	149.4	37.49	144.6	36.18	135.0	33.59
	3	2.2	173.6	40.88	164.1	38.38	154.4	35.94	149.4	34.74	144.6	33.54	135.0	31.18
	5	4.1	173.6	38.84	164.1	36.48	154.4	34.18	149.4	33.02	144.6	31.90	135.0	29.68
	7	6	173.6	36.82	164.1	34.61	154.4	32.43	149.4	31.37	144.6	30.29	135.0	28.21
	9	7.9	173.6	34.89	164.1	32.81	154.4	30.78	149.4	29.78	144.6	28.78	135.0	26.81
	11	9.8	173.6	33.04	164.1	31.10	154.4	29.19	149.4	28.26	144.6	27.32	135.0	25.49
	13	11.8	173.6	31.23	164.1	29.39	154.4	27.63	149.4	26.74	144.6	25.87	135.0	24.14
	15	13.7	173.6	29.56	164.1	27.86	154.4	26.18	149.4	25.36	144.6	24.55	135.0	22.93
60	-30	-30.2	124.4	63.89	123.7	64.34	122.9	64.75	122.4	64.99	122.0	65.20	115.8	61.52
	-24.8	-25	143.7	68.07	140.6	67.02	132.3	62.46	128.2	60.23	124.0	58.01	115.8	53.63
	-21.8	-22	148.8	66.12	140.6	61.86	132.3	57.70	128.2	55.63	124.0	53.61	115.8	49.58
	-19.8	-20	148.8	62.69	140.6	58.67	132.3	54.72	128.2	52.79	124.0	50.87	115.8	47.08
	-18.8	-19	148.8	61.04	140.6	57.13	132.3	53.31	128.2	51.42	124.0	49.56	115.8	45.87
	-16.7	-17	148.8	57.85	140.6	54.17	132.3	50.55	128.2	48.77	124.0	47.02	115.8	43.55
	-15	-15.9	148.8	56.01	140.6	52.42	132.3	48.89	128.2	47.16	124.0	45.44	115.8	42.05
	-13.7	-15	148.8	54.23	140.6	50.75	132.3	47.34	128.2	45.67	124.0	44.01	115.8	40.76
	-11.8	-13	148.8	51.70	140.6	48.39	132.3	45.17	128.2	43.57	124.0	42.00	115.8	38.90
	-9.8	-11	148.8	49.15	140.6	46.06	132.3	42.99	128.2	41.48	124.0	39.99	115.8	37.05
	-9.5	-10	148.8	47.94	140.6	44.96	132.3	42.04	128.2	40.59	124.0	39.16	115.8	36.35
	-8.5	-9.1	148.8	46.79	140.6	43.88	132.3	41.04	128.2	39.62	124.0	38.24	115.8	35.50
	-7	-7.6	148.8	44.93	140.6	42.16	132.3	39.44	128.2	38.10	124.0	36.78	115.8	34.15
	-5	-5.6	148.8	42.56	140.6	39.97	132.3	37.42	128.2	36.15	124.0	34.91	115.8	32.44
	-3	-3.7	148.8	40.44	140.6	37.97	132.3	35.56	128.2	34.38	124.0	33.20	115.8	30.87
	0	-0.7	148.8	37.30	140.6	35.07	132.3	32.87	128.2	31.78	124.0	30.71	115.8	28.60
	3	2.2	148.8	34.56	140.6	32.52	132.3	30.51	128.2	29.53	124.0	28.55	115.8	26.62
	5	4.1	148.8	32.88	140.6	30.94	132.3	29.06	128.2	28.11	124.0	27.20	115.8	25.36
	7	6	148.8	31.21	140.6	29.40	132.3	27.63	128.2	26.75	124.0	25.87	115.8	24.15
	9	7.9	148.8	29.63	140.6	27.93	132.3	26.27	128.2	25.44	124.0	24.62	115.8	23.00
	11	9.8	148.8	28.13	140.6	26.54	132.3	24.96	128.2	24.18	124.0	23.43	115.8	21.92
	13	11.8	148.8	26.61	140.6	25.12	132.3	23.67	128.2	22.93	124.0	22.22	115.8	20.80
	15	13.7	148.8	25.25	140.6	23.84	132.3	22.48	128.2	21.81	124.0	21.14	115.8	19.81
50	-30	-30.2	122.0	65.16	117.2	62.37	110.2	58.21	106.8	56.16	103.3	54.11	96.50	50.11
	-24.8	-25	124.0	58.01	117.2	54.36	110.2	50.78	106.8	49.01	103.3	47.26	96.50	43.81

32. ARUM700LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	124.0	53.61	117.2	50.25	110.2	46.97	106.8	45.35	103.3	43.76	96.50	40.59
	-19.8	-20	124.0	50.87	117.2	47.70	110.2	44.60	106.8	43.08	103.3	41.57	96.50	38.57
	-18.8	-19	124.0	49.56	117.2	46.49	110.2	43.47	106.8	41.99	103.3	40.52	96.50	37.61
	-16.7	-17	124.0	47.02	117.2	44.13	110.2	41.29	106.8	39.88	103.3	38.50	96.50	35.76
	-15	-15.9	124.0	45.44	117.2	42.62	110.2	39.87	106.8	38.49	103.3	37.15	96.50	34.50
	-13.7	-15	124.0	44.01	117.2	41.27	110.2	38.61	106.8	37.30	103.3	36.00	96.50	33.42
	-11.8	-13	124.0	42.00	117.2	39.41	110.2	36.87	106.8	35.63	103.3	34.39	96.50	31.96
	-9.8	-11	124.0	39.99	117.2	37.54	110.2	35.14	106.8	33.96	103.3	32.77	96.50	30.47
	-9.5	-10	124.0	39.16	117.2	36.81	110.2	34.50	106.8	33.36	103.3	32.24	96.50	30.01
	-8.5	-9.1	124.0	38.24	117.2	35.96	110.2	33.70	106.8	32.61	103.3	31.50	96.50	29.32
	-7	-7.6	124.0	36.78	117.2	34.59	110.2	32.43	106.8	31.37	103.3	30.34	96.50	28.26
	-5	-5.6	124.0	34.91	117.2	32.86	110.2	30.81	106.8	29.83	103.3	28.83	96.50	26.89
	-3	-3.7	124.0	33.20	117.2	31.28	110.2	29.37	106.8	28.41	103.3	27.49	96.50	25.65
	0	-0.7	124.0	30.72	117.2	28.95	110.2	27.21	106.8	26.36	103.3	25.52	96.50	23.83
	3	2.2	124.0	28.56	117.2	26.94	110.2	25.34	106.8	24.56	103.3	23.78	96.50	22.25
	5	4.1	124.0	27.20	117.2	25.67	110.2	24.17	106.8	23.43	103.3	22.70	96.50	21.25
	7	6	124.0	25.87	117.2	24.45	110.2	23.03	106.8	22.33	103.3	21.65	96.50	20.28
	9	7.9	124.0	24.62	117.2	23.27	110.2	21.95	106.8	21.28	103.3	20.65	96.50	19.36
	11	9.8	124.0	23.43	117.2	22.16	110.2	20.91	106.8	20.30	103.3	19.70	96.50	18.50
	13	11.8	124.0	22.22	117.2	21.04	110.2	19.87	106.8	19.30	103.3	18.73	96.50	17.60
	15	13.7	124.0	21.14	117.2	20.03	110.2	18.93	106.8	18.40	103.3	17.86	96.50	16.79

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

32. ARUM700LTE6

32.4.4 Heating : Advanced SLCHeating : SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	131.5	60.11	130.5	60.62	129.5	61.13	129.0	61.37	128.6	61.64	127.7	62.13
	-24.8	-25	152.9	63.19	151.8	63.77	150.9	64.32	150.2	64.60	149.8	64.90	148.7	65.45
	-21.8	-22	166.3	64.97	165.2	65.58	164.1	66.17	163.4	66.48	163.0	66.76	161.7	67.33
	-19.8	-20	175.8	66.17	174.6	66.79	173.3	67.41	172.6	67.72	172.2	68.02	171.1	68.63
	-18.8	-19	180.7	66.76	179.4	67.40	178.2	68.05	177.6	68.35	176.8	68.66	175.7	69.25
	-16.7	-17	190.6	67.98	189.5	68.64	188.1	69.29	187.4	69.62	186.9	69.93	185.5	70.56
	-15	-15.9	196.9	68.68	195.4	69.36	194.0	70.03	193.4	70.34	192.7	70.68	191.5	71.30
	-13.7	-15	202.0	69.30	200.5	69.99	199.4	70.67	198.7	71.01	198.0	71.35	196.9	72.00
	-11.8	-13	212.4	70.49	210.9	71.19	209.6	71.89	208.8	72.23	208.1	72.57	206.7	73.24
	-9.8	-11	223.9	71.74	222.2	72.46	220.8	73.18	220.1	73.52	219.3	73.87	217.9	74.55
	-9.5	-10	229.3	72.32	227.8	73.05	226.3	73.79	225.6	74.14	224.7	74.51	223.2	75.20
	-8.5	-9.1	234.8	72.91	233.1	73.65	231.5	74.38	230.8	74.75	230.1	75.10	228.4	75.81
	-7	-7.6	244.0	73.87	242.4	74.64	240.7	75.40	240.0	75.75	239.0	76.12	237.4	76.84
	-5	-5.6	256.9	75.20	255.1	75.98	253.3	76.73	252.5	77.12	251.6	77.49	249.8	78.23
	-3	-3.7	269.6	76.46	267.8	77.27	265.9	78.06	265.0	78.45	264.1	78.84	250.9	74.30
	0	-0.7	290.6	78.53	288.4	79.36	286.4	80.12	277.6	77.10	268.8	74.03	250.9	68.01
	3	2.2	311.5	80.54	304.5	79.33	286.6	73.55	277.6	70.73	268.8	67.94	250.9	62.49
	5	4.1	305.2	73.50	287.0	68.14	269.1	62.94	260.1	60.39	250.9	57.88	232.7	52.95
	7	6	287.4	62.92	269.2	58.07	250.9	53.38	241.8	51.07	232.5	48.81	214.2	44.36
	9	7.9	269.1	53.24	250.7	48.95	232.1	44.74	222.9	42.70	213.5	40.68	194.9	36.70
	11	9.8	250.2	44.62	231.7	40.82	212.8	37.12	203.4	35.30	194.0	33.49	175.0	29.98
	13	11.8	230.6	36.87	211.8	33.53	192.9	30.30	183.3	28.70	173.9	27.13	154.4	24.05
	15	13.7	210.3	30.17	191.4	27.28	172.2	24.44	162.5	23.05	152.9	21.70	133.3	19.01
120	-30	-30.2	130.8	60.39	129.9	60.89	129.0	61.41	128.6	61.65	128.0	61.89	127.3	62.39
	-24.8	-25	152.2	63.57	151.2	64.12	150.1	64.69	149.4	64.97	149.1	65.24	148.0	65.78
	-21.8	-22	165.6	65.41	164.5	66.00	163.2	66.59	162.7	66.89	162.1	67.17	161.0	67.74
	-19.8	-20	174.8	66.65	173.7	67.26	172.6	67.88	171.9	68.18	171.3	68.46	170.2	69.07
	-18.8	-19	179.6	67.26	178.5	67.89	177.2	68.53	176.5	68.83	176.1	69.12	174.8	69.73
	-16.7	-17	189.5	68.53	188.4	69.18	187.0	69.83	186.4	70.14	185.9	70.45	184.6	71.06
	-15	-15.9	195.4	69.25	194.3	69.93	192.9	70.58	192.3	70.90	191.6	71.23	190.4	71.85
	-13.7	-15	200.9	69.91	199.4	70.60	198.3	71.26	197.6	71.59	196.9	71.91	195.8	72.55
	-11.8	-13	211.2	71.14	209.8	71.84	208.3	72.52	207.6	72.85	207.0	73.18	205.6	73.83
	-9.8	-11	222.5	72.46	220.8	73.17	219.3	73.87	218.6	74.22	217.9	74.55	216.4	75.23
	-9.5	-10	227.8	73.08	226.3	73.80	224.5	74.51	223.8	74.86	223.2	75.20	221.7	75.88
	-8.5	-9.1	233.0	73.69	231.5	74.42	229.9	75.13	229.1	75.48	228.4	75.84	226.9	76.53
	-7	-7.6	242.2	74.72	240.7	75.44	238.9	76.19	238.2	76.54	237.4	76.90	231.4	75.51
	-5	-5.6	254.7	76.09	253.0	76.86	251.2	77.62	250.5	77.97	248.1	77.57	231.4	71.25
	-3	-3.7	267.4	77.45	265.6	78.23	263.7	79.00	256.2	76.34	248.1	73.32	231.4	67.38
	0	-0.7	287.7	79.63	281.1	78.29	264.6	72.63	256.2	69.84	248.1	67.10	231.4	61.75
	3	2.2	297.5	77.09	281.1	71.82	264.6	66.67	256.2	64.16	248.1	61.68	231.4	56.81
	5	4.1	281.7	66.58	265.0	61.81	248.5	57.16	240.0	54.89	231.7	52.64	214.8	48.25
	7	6	265.3	57.07	248.5	52.77	231.7	48.58	223.3	46.51	214.6	44.49	197.7	40.50
	9	7.9	248.5	48.41	231.4	44.57	214.2	40.83	205.8	38.99	197.1	37.18	179.9	33.62
	11	9.8	231.0	40.69	213.8	37.29	196.4	33.97	187.9	32.33	179.2	30.72	161.7	27.56
	13	11.8	212.8	33.71	195.6	30.74	178.1	27.82	169.3	26.39	160.4	24.97	142.5	22.20

32. ARUM700LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	194.2	27.69	176.7	25.08	158.9	22.55	150.1	21.30	141.1	20.08	122.9	17.64
110	-30	-30.2	130.2	60.72	129.4	61.24	128.4	61.72	128.0	61.98	127.5	62.22	126.6	62.70
	-24.8	-25	151.5	64.01	150.4	64.56	149.4	65.10	148.7	65.38	148.3	65.65	147.2	66.17
	-21.8	-22	164.5	65.93	163.4	66.50	162.3	67.09	161.7	67.37	161.2	67.64	160.3	68.22
	-19.8	-20	173.7	67.20	172.6	67.81	171.5	68.40	170.8	68.70	170.4	69.00	169.1	69.56
	-18.8	-19	178.5	67.85	177.2	68.46	176.1	69.08	175.4	69.38	175.0	69.66	173.9	70.27
	-16.7	-17	188.4	69.18	187.0	69.80	185.9	70.44	185.2	70.75	184.6	71.06	183.4	71.65
	-15	-15.9	194.1	69.94	192.9	70.58	191.6	71.23	190.9	71.54	190.4	71.85	189.0	72.46
	-13.7	-15	199.4	70.61	198.1	71.29	196.9	71.94	196.3	72.28	195.6	72.59	194.5	73.21
	-11.8	-13	209.6	71.91	208.1	72.60	206.7	73.26	205.9	73.59	205.5	73.90	204.1	74.55
	-9.8	-11	220.6	73.29	219.0	74.00	217.5	74.68	216.8	75.00	216.1	75.34	212.2	74.64
	-9.5	-10	226.0	73.94	224.5	74.65	222.8	75.34	222.1	75.68	221.4	76.01	212.2	72.71
	-8.5	-9.1	231.2	74.59	229.5	75.31	228.0	75.99	227.3	76.36	226.6	76.68	212.2	70.86
	-7	-7.6	240.0	75.68	238.5	76.40	236.8	77.12	234.9	76.88	227.5	73.85	212.2	67.91
	-5	-5.6	252.3	77.14	250.8	77.89	242.6	75.44	234.9	72.54	227.5	69.70	212.2	64.13
	-3	-3.7	264.8	78.58	257.7	76.86	242.6	71.32	234.9	68.61	227.5	65.92	212.2	60.70
	0	-0.7	273.0	75.45	257.7	70.31	242.6	65.31	234.9	62.86	227.5	60.43	212.2	55.69
	3	2.2	273.0	69.23	257.7	64.58	242.6	60.04	234.9	57.82	227.5	55.62	212.2	51.31
	5	4.1	258.3	59.91	243.0	55.70	227.5	51.60	220.1	49.59	212.4	47.59	197.0	43.68
	7	6	243.2	51.45	227.9	47.64	212.4	43.92	204.5	42.12	196.7	40.30	181.3	36.77
	9	7.9	227.8	43.75	212.2	40.35	196.4	37.04	188.6	35.40	180.7	33.79	164.9	30.61
	11	9.8	211.7	36.88	196.0	33.86	180.2	30.90	172.2	29.46	164.1	28.03	148.1	25.19
	13	11.8	195.0	30.67	179.2	28.02	163.2	25.43	155.1	24.15	147.0	22.90	130.8	20.41
	15	13.7	177.9	25.28	161.7	22.98	145.7	20.70	137.6	19.59	129.2	18.48	112.7	16.33
100	-30	-30.2	129.5	61.13	128.6	61.61	127.7	62.11	127.3	62.35	126.9	62.59	125.9	63.07
	-24.8	-25	150.5	64.53	149.4	65.07	148.3	65.62	147.9	65.86	147.4	66.13	146.5	66.65
	-21.8	-22	163.4	66.52	162.3	67.09	161.2	67.65	160.6	67.94	160.3	68.22	159.2	68.76
	-19.8	-20	172.6	67.85	171.3	68.46	170.2	69.05	169.7	69.32	169.1	69.62	168.0	70.17
	-18.8	-19	177.2	68.53	176.1	69.14	174.8	69.73	174.3	70.03	173.7	70.31	172.6	70.89
	-16.7	-17	186.9	69.93	185.5	70.55	184.4	71.16	183.8	71.47	183.1	71.75	182.0	72.33
	-15	-15.9	192.6	70.73	191.2	71.37	190.1	71.99	189.4	72.30	188.8	72.60	187.6	73.18
	-13.7	-15	197.8	71.46	196.5	72.11	195.4	72.76	194.8	73.07	194.1	73.38	192.9	73.92
	-11.8	-13	207.7	72.81	206.3	73.46	204.9	74.11	204.2	74.44	203.7	74.75	192.9	70.31
	-9.8	-11	218.5	74.27	217.1	74.96	215.7	75.61	213.5	75.24	206.7	72.30	192.9	66.53
	-9.5	-10	223.8	74.96	222.1	75.64	220.5	76.19	213.5	73.27	206.7	70.42	192.9	64.83
	-8.5	-9.1	228.8	75.64	227.3	76.34	220.5	74.24	213.5	71.42	206.7	68.64	192.9	63.21
	-7	-7.6	237.6	76.80	234.2	76.60	220.5	71.14	213.5	68.44	206.7	65.80	192.9	60.60
	-5	-5.6	248.1	77.57	234.2	72.30	220.5	67.15	213.5	64.64	206.7	62.14	192.9	57.28
	-3	-3.7	248.1	73.32	234.2	68.36	220.5	63.54	213.5	61.16	206.7	58.83	192.9	54.26
	0	-0.7	248.1	67.11	234.2	62.63	220.5	58.26	213.5	56.11	206.7	54.01	192.9	49.85
	3	2.2	248.1	61.68	234.2	57.61	220.5	53.65	213.5	51.70	206.7	49.77	192.9	46.00
	5	4.1	234.8	53.50	220.9	49.83	206.9	46.23	199.9	44.46	192.9	42.71	178.9	39.26
	7	6	221.2	46.03	207.2	42.71	192.9	39.44	185.9	37.85	178.9	36.25	164.8	33.14
	9	7.9	207.1	39.27	192.9	36.28	178.5	33.35	171.5	31.92	164.3	30.50	149.9	27.72
	11	9.8	192.5	33.19	178.1	30.55	163.8	27.94	156.4	26.68	149.2	25.40	134.7	22.92
	13	11.8	177.4	27.71	163.0	25.37	148.4	23.10	141.1	21.96	133.7	20.85	119.0	18.66
	15	13.7	161.7	22.96	147.0	20.90	132.4	18.91	124.9	17.94	117.5	16.95	102.5	15.04

32. ARUM700LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	128.6	61.61	127.7	62.09	126.9	62.57	126.6	62.81	125.9	63.05	125.1	63.50
	-24.8	-25	149.4	65.14	148.3	65.69	147.2	66.20	146.9	66.47	146.3	66.71	145.2	67.22
	-21.8	-22	162.1	67.23	161.0	67.78	159.9	68.35	159.3	68.63	158.8	68.88	157.9	69.42
	-19.8	-20	170.9	68.64	169.8	69.22	168.7	69.79	168.2	70.07	167.6	70.34	166.5	70.89
	-18.8	-19	175.7	69.36	174.3	69.96	173.2	70.52	172.6	70.82	172.1	71.10	171.1	71.64
	-16.7	-17	185.1	70.82	183.8	71.43	182.7	72.02	182.0	72.32	181.3	72.60	173.6	69.31
	-15	-15.9	190.8	71.67	189.4	72.30	188.3	72.91	187.6	73.19	185.9	72.95	173.6	67.17
	-13.7	-15	195.9	72.46	194.7	73.10	193.4	73.72	192.2	73.65	185.9	70.75	173.6	65.08
	-11.8	-13	205.5	73.87	204.1	74.52	198.4	72.74	192.2	70.02	185.9	67.31	173.6	61.99
	-9.8	-11	216.0	75.44	210.7	74.06	198.4	68.82	192.2	66.25	185.9	63.70	173.6	58.72
	-9.5	-10	221.0	76.16	210.7	72.14	198.4	67.05	192.2	64.55	185.9	62.07	173.6	57.25
	-8.5	-9.1	223.3	75.37	210.7	70.30	198.4	65.37	192.2	62.93	185.9	60.54	173.6	55.83
	-7	-7.6	223.3	72.23	210.7	67.38	198.4	62.66	192.2	60.35	185.9	58.07	173.6	53.57
	-5	-5.6	223.3	68.16	210.7	63.64	198.4	59.20	192.2	57.03	185.9	54.90	173.6	50.67
	-3	-3.7	223.3	64.49	210.7	60.25	198.4	56.07	192.2	54.02	185.9	52.00	173.6	48.05
	0	-0.7	223.3	59.13	210.7	55.27	198.4	51.51	192.2	49.65	185.9	47.81	173.6	44.21
	3	2.2	223.3	54.44	210.7	50.93	198.4	47.51	192.2	45.82	185.9	44.15	173.6	40.88
	5	4.1	211.3	47.34	198.8	44.16	186.2	41.04	180.0	39.50	173.7	37.99	161.0	34.98
	7	6	199.1	40.82	186.5	37.93	173.7	35.11	167.3	33.72	161.0	32.35	148.3	29.65
	9	7.9	186.2	34.92	173.6	32.35	160.7	29.80	154.4	28.57	148.0	27.32	135.0	24.88
	11	9.8	173.2	29.64	160.3	27.33	147.4	25.08	140.7	23.97	134.3	22.86	121.2	20.69
	13	11.8	159.7	24.86	146.6	22.83	133.6	20.82	127.0	19.84	120.3	18.87	107.0	16.96
	15	13.7	145.6	20.69	132.4	18.91	119.2	17.17	112.4	16.30	105.7	15.45	92.10	13.78
80	-30	-30.2	127.7	62.19	126.6	62.67	125.9	63.14	125.5	63.36	125.1	63.59	124.2	64.04
	-24.8	-25	147.9	65.89	146.9	66.43	145.9	66.95	145.4	67.19	144.8	67.43	144.1	67.93
	-21.8	-22	160.3	68.11	159.2	68.66	158.2	69.18	157.7	69.44	157.2	69.72	154.4	69.02
	-19.8	-20	169.1	69.59	168.0	70.16	166.9	70.71	166.3	70.99	165.2	70.95	154.4	65.40
	-18.8	-19	173.6	70.37	172.5	70.93	171.4	71.49	170.8	71.77	165.2	69.08	154.4	63.69
	-16.7	-17	182.8	71.91	181.6	72.50	176.4	70.62	170.8	68.01	165.2	65.43	154.4	60.34
	-15	-15.9	188.3	72.83	187.2	73.42	176.4	68.44	170.8	65.90	165.2	63.39	154.4	58.45
	-13.7	-15	193.4	73.68	187.3	71.39	176.4	66.33	170.8	63.84	165.2	61.37	154.4	56.57
	-11.8	-13	198.4	72.75	187.3	67.91	176.4	63.16	170.8	60.82	165.2	58.53	154.4	53.96
	-9.8	-11	198.4	68.82	187.3	64.26	176.4	59.83	170.8	57.64	165.2	55.47	154.4	51.25
	-9.5	-10	198.4	67.05	187.3	62.62	176.4	58.31	170.8	56.19	165.2	54.09	154.4	49.98
	-8.5	-9.1	198.4	65.37	187.3	61.06	176.4	56.87	170.8	54.81	165.2	52.77	154.4	48.75
	-7	-7.6	198.4	62.66	187.3	58.56	176.4	54.55	170.8	52.60	165.2	50.64	154.4	46.80
	-5	-5.6	198.4	59.20	187.3	55.36	176.4	51.60	170.8	49.76	165.2	47.93	154.4	44.32
	-3	-3.7	198.4	56.07	187.3	52.45	176.4	48.91	170.8	47.18	165.2	45.47	154.4	42.09
	0	-0.7	198.4	51.51	187.3	48.23	176.4	45.01	170.8	43.44	165.2	41.88	154.4	38.81
	3	2.2	198.4	47.51	187.3	44.51	176.4	41.61	170.8	40.16	165.2	38.73	154.4	35.94
	5	4.1	187.9	41.43	176.7	38.71	165.6	36.04	159.9	34.73	154.4	33.41	143.2	30.85
	7	6	176.8	35.83	165.6	33.37	154.4	30.95	148.8	29.75	143.1	28.57	131.7	26.26
	9	7.9	165.6	30.76	154.3	28.54	142.8	26.37	137.2	25.31	131.5	24.24	120.0	22.15
	11	9.8	154.0	26.21	142.4	24.24	131.0	22.31	125.3	21.34	119.4	20.40	107.8	18.52
	13	11.8	141.8	22.10	130.2	20.34	118.6	18.64	112.7	17.80	107.0	16.96	95.10	15.29
	15	13.7	129.5	18.51	117.7	16.97	106.0	15.47	100.0	14.74	94.10	13.98	82.00	12.53
70	-30	-30.2	126.2	62.94	125.5	63.39	124.5	63.84	124.2	64.07	123.8	64.31	123.0	64.72

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	145.9	66.85	145.2	67.36	144.1	67.84	143.7	68.08	143.3	68.32	135.0	63.98
	-21.8	-22	158.2	69.20	157.1	69.72	154.4	69.02	149.4	66.48	144.6	63.98	135.0	59.08
	-19.8	-20	166.9	70.79	164.1	70.27	154.4	65.40	149.4	63.02	144.6	60.66	135.0	56.03
	-18.8	-19	171.1	71.60	164.1	68.38	154.4	63.69	149.4	61.37	144.6	59.08	135.0	54.57
	-16.7	-17	173.6	69.32	164.1	64.78	154.4	60.34	149.4	58.17	144.6	56.00	135.0	51.76
	-15	-15.9	173.6	67.17	164.1	62.77	154.4	58.45	149.4	56.32	144.6	54.20	135.0	50.05
	-13.7	-15	173.6	65.09	164.1	60.77	154.4	56.58	149.4	54.51	144.6	52.46	135.0	48.45
	-11.8	-13	173.6	61.99	164.1	57.93	154.4	53.96	149.4	51.97	144.6	50.05	135.0	46.23
	-9.8	-11	173.6	58.73	164.1	54.95	154.4	51.25	149.4	49.40	144.6	47.60	135.0	44.01
	-9.5	-10	173.6	57.25	164.1	53.57	154.4	49.98	149.4	48.21	144.6	46.44	135.0	43.01
	-8.5	-9.1	173.6	55.83	164.1	52.26	154.4	48.75	149.4	47.03	144.6	45.33	135.0	41.97
	-7	-7.6	173.6	53.57	164.1	50.17	154.4	46.80	149.4	45.17	144.6	43.54	135.0	40.33
	-5	-5.6	173.6	50.67	164.1	47.47	154.4	44.34	149.4	42.80	144.6	41.27	135.0	38.26
	-3	-3.7	173.6	48.05	164.1	45.04	154.4	42.09	149.4	40.64	144.6	39.20	135.0	36.35
	0	-0.7	173.6	44.21	164.1	41.49	154.4	38.81	149.4	37.49	144.6	36.18	135.0	33.59
	3	2.2	173.6	40.88	164.1	38.38	154.4	35.94	149.4	34.74	144.6	33.54	135.0	31.18
	5	4.1	164.5	35.76	154.7	33.47	144.9	31.22	140.0	30.12	135.1	29.03	125.3	26.87
	7	6	154.7	31.02	145.0	28.97	135.1	26.93	130.2	25.93	125.3	24.94	115.2	22.99
	9	7.9	144.9	26.77	135.0	24.90	125.0	23.08	120.1	22.18	115.1	21.27	105.0	19.52
	11	9.8	134.7	22.92	124.7	21.27	114.8	19.62	109.6	18.82	104.6	18.02	94.20	16.42
	13	11.8	124.2	19.43	114.1	17.97	103.9	16.53	98.70	15.80	93.50	15.10	83.30	13.69
	15	13.7	113.3	16.40	103.0	15.11	92.70	13.82	87.50	13.19	82.30	12.59	71.70	11.34
60	-30	-30.2	124.4	63.89	123.7	64.34	122.9	64.75	122.4	64.99	122.0	65.20	115.8	61.52
	-24.8	-25	143.7	68.07	140.6	67.02	132.3	62.46	128.2	60.23	124.0	58.01	115.8	53.63
	-21.8	-22	148.8	66.12	140.6	61.86	132.3	57.70	128.2	55.63	124.0	53.61	115.8	49.58
	-19.8	-20	148.8	62.69	140.6	58.67	132.3	54.72	128.2	52.79	124.0	50.87	115.8	47.08
	-18.8	-19	148.8	61.04	140.6	57.13	132.3	53.31	128.2	51.42	124.0	49.56	115.8	45.87
	-16.7	-17	148.8	57.85	140.6	54.17	132.3	50.55	128.2	48.77	124.0	47.02	115.8	43.55
	-15	-15.9	148.8	56.01	140.6	52.42	132.3	48.89	128.2	47.16	124.0	45.44	115.8	42.05
	-13.7	-15	148.8	54.23	140.6	50.75	132.3	47.34	128.2	45.67	124.0	44.01	115.8	40.76
	-11.8	-13	148.8	51.70	140.6	48.39	132.3	45.17	128.2	43.57	124.0	42.00	115.8	38.90
	-9.8	-11	148.8	49.15	140.6	46.06	132.3	42.99	128.2	41.48	124.0	39.99	115.8	37.05
	-9.5	-10	148.8	47.94	140.6	44.96	132.3	42.04	128.2	40.59	124.0	39.16	115.8	36.35
	-8.5	-9.1	148.8	46.79	140.6	43.88	132.3	41.04	128.2	39.62	124.0	38.24	115.8	35.50
	-7	-7.6	148.8	44.93	140.6	42.16	132.3	39.44	128.2	38.10	124.0	36.78	115.8	34.15
	-5	-5.6	148.8	42.56	140.6	39.97	132.3	37.42	128.2	36.15	124.0	34.91	115.8	32.44
	-3	-3.7	148.8	40.44	140.6	37.97	132.3	35.56	128.2	34.38	124.0	33.20	115.8	30.87
	0	-0.7	148.8	37.30	140.6	35.07	132.3	32.87	128.2	31.78	124.0	30.71	115.8	28.60
	3	2.2	148.8	34.56	140.6	32.52	132.3	30.51	128.2	29.53	124.0	28.55	115.8	26.62
	5	4.1	140.7	30.33	132.6	28.46	124.2	26.62	120.1	25.71	115.9	24.83	107.4	23.05
	7	6	132.6	26.43	124.3	24.74	115.9	23.08	111.6	22.27	107.4	21.46	98.70	19.84
	9	7.9	124.2	22.93	115.8	21.40	107.2	19.89	102.9	19.16	98.70	18.41	89.90	16.97
	11	9.8	115.5	19.77	106.8	18.39	98.30	17.05	93.80	16.38	89.60	15.72	80.90	14.42
	13	11.8	106.4	16.89	97.70	15.66	89.00	14.46	84.70	13.87	80.20	13.30	71.30	12.12
	15	13.7	97.00	14.36	88.20	13.29	79.40	12.23	75.00	11.72	70.40	11.21	61.50	10.18
50	-30	-30.2	122.0	65.16	117.2	62.37	110.2	58.21	106.8	56.16	103.3	54.11	96.50	50.11
	-24.8	-25	124.0	58.01	117.2	54.36	110.2	50.78	106.8	49.01	103.3	47.26	96.50	43.81

32. ARUM700LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	124.0	53.61	117.2	50.25	110.2	46.97	106.8	45.35	103.3	43.76	96.50	40.59
	-19.8	-20	124.0	50.87	117.2	47.70	110.2	44.60	106.8	43.08	103.3	41.57	96.50	38.57
	-18.8	-19	124.0	49.56	117.2	46.49	110.2	43.47	106.8	41.99	103.3	40.52	96.50	37.61
	-16.7	-17	124.0	47.02	117.2	44.13	110.2	41.29	106.8	39.88	103.3	38.50	96.50	35.76
	-15	-15.9	124.0	45.44	117.2	42.62	110.2	39.87	106.8	38.49	103.3	37.15	96.50	34.50
	-13.7	-15	124.0	44.01	117.2	41.27	110.2	38.61	106.8	37.30	103.3	36.00	96.50	33.42
	-11.8	-13	124.0	42.00	117.2	39.41	110.2	36.87	106.8	35.63	103.3	34.39	96.50	31.96
	-9.8	-11	124.0	39.99	117.2	37.54	110.2	35.14	106.8	33.96	103.3	32.77	96.50	30.47
	-9.5	-10	124.0	39.16	117.2	36.81	110.2	34.50	106.8	33.36	103.3	32.24	96.50	30.01
	-8.5	-9.1	124.0	38.24	117.2	35.96	110.2	33.70	106.8	32.61	103.3	31.50	96.50	29.32
	-7	-7.6	124.0	36.78	117.2	34.59	110.2	32.43	106.8	31.37	103.3	30.34	96.50	28.26
	-5	-5.6	124.0	34.91	117.2	32.86	110.2	30.81	106.8	29.83	103.3	28.83	96.50	26.89
	-3	-3.7	124.0	33.20	117.2	31.28	110.2	29.37	106.8	28.41	103.3	27.49	96.50	25.65
	0	-0.7	124.0	30.72	117.2	28.95	110.2	27.21	106.8	26.36	103.3	25.52	96.50	23.83
	3	2.2	124.0	28.56	117.2	26.94	110.2	25.34	106.8	24.56	103.3	23.78	96.50	22.25
	5	4.1	117.3	25.17	110.5	23.68	103.5	22.23	100.0	21.52	96.50	20.79	89.50	19.39
	7	6	110.6	22.07	103.6	20.73	96.50	19.41	93.00	18.75	89.50	18.10	82.30	16.81
	9	7.9	103.5	19.26	96.50	18.05	89.30	16.85	85.70	16.27	82.20	15.68	75.00	14.51
	11	9.8	96.20	16.74	89.20	15.65	81.90	14.56	78.30	14.03	74.60	13.50	67.20	12.47
	13	11.8	88.60	14.43	81.50	13.46	74.20	12.51	70.40	12.02	66.90	11.56	59.50	10.64
	15	13.7	80.90	12.42	73.50	11.56	66.20	10.71	62.60	10.29	58.80	9.86	51.20	9.04

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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32.5 Capacity Correction Factor

32.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-100	-	-	-	-	-	-	-	-	-	-	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-90	-	-	-	-	-	-	-	-	-	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-80	-	-	-	-	-	-	-	-	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-70	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-60	-	-	-	-	-	-	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-50	-	-	-	-	-	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0
-40	-	-	-	-	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-30	-	-	-	96.0	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-20	-	-	98.0	96.0	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
50	-	-	-	-	-	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
60	-	-	-	-	-	-	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0
70	-	-	-	-	-	-	-	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
100	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
110	-	-	-	-	-	-	-	-	-	-	-	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

32. ARUM700LTE6

※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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32.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

32. ARUM700LTE6

※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

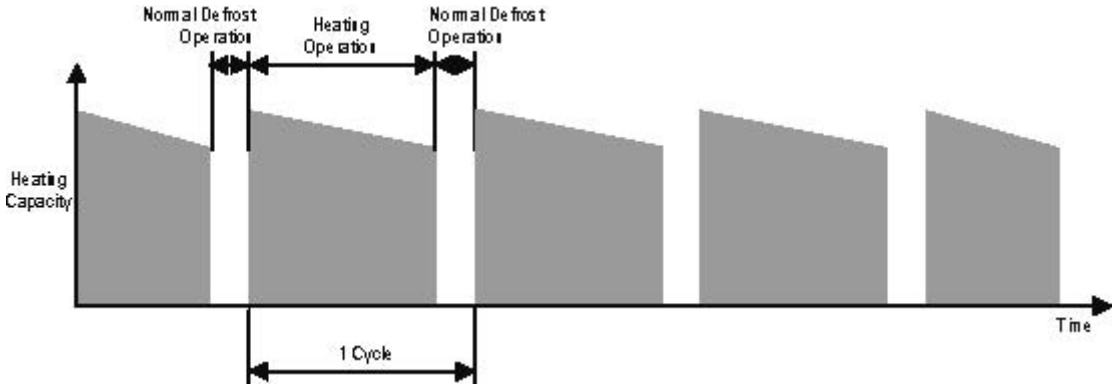
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

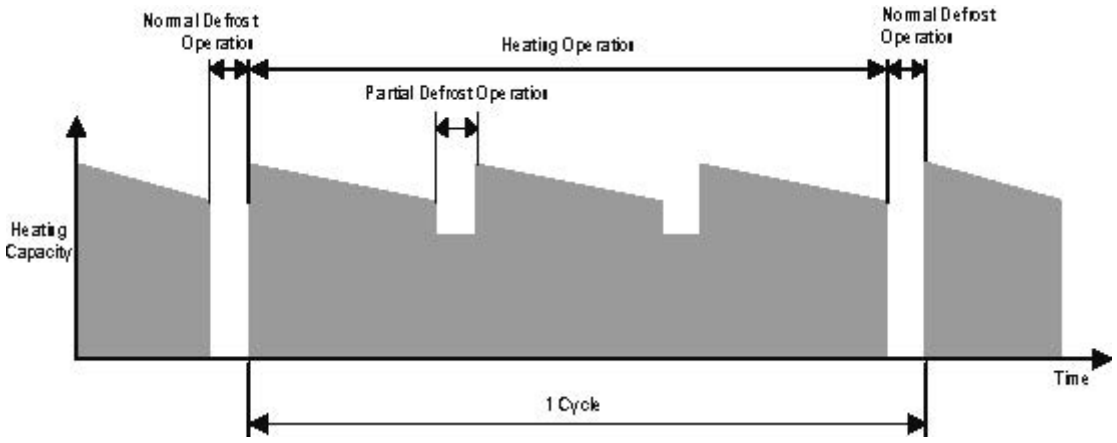
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

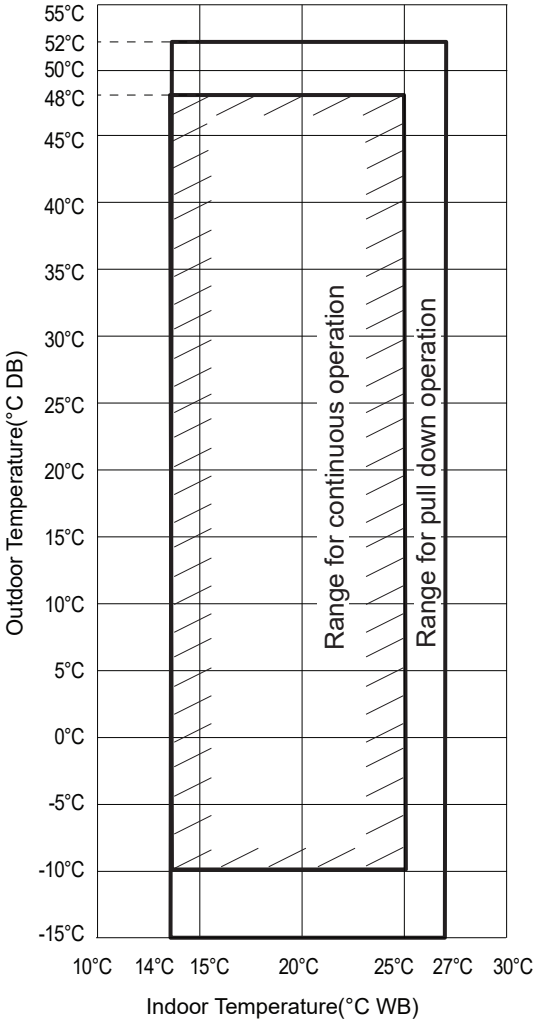


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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32.6 Operation Limits

32.6.1 Cooling

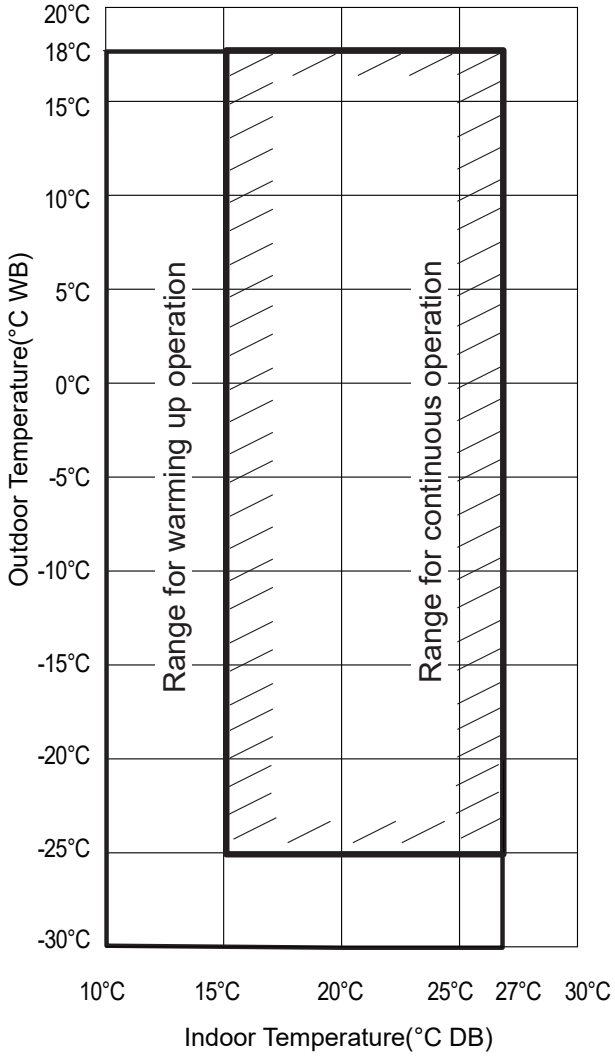


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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32.6.2 Heating

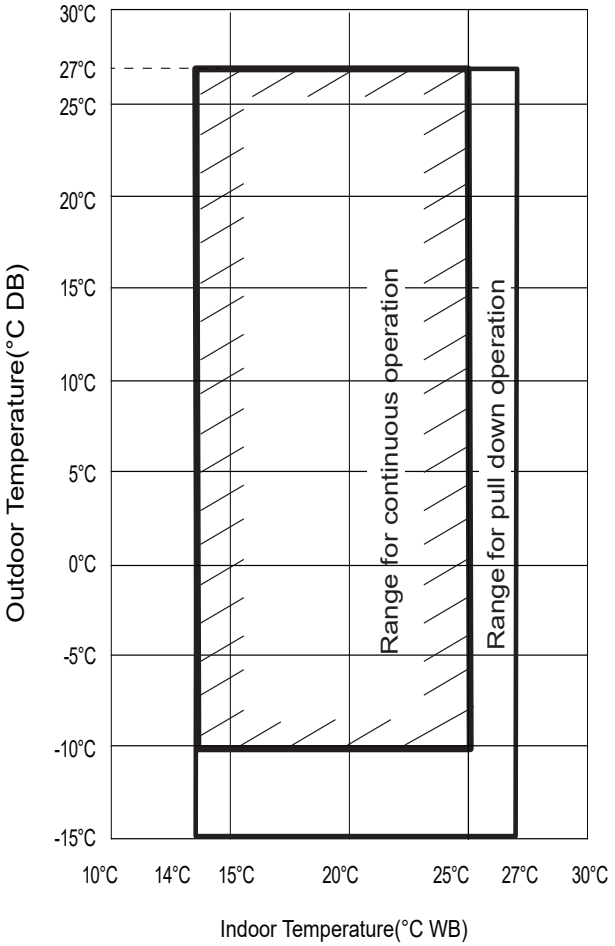


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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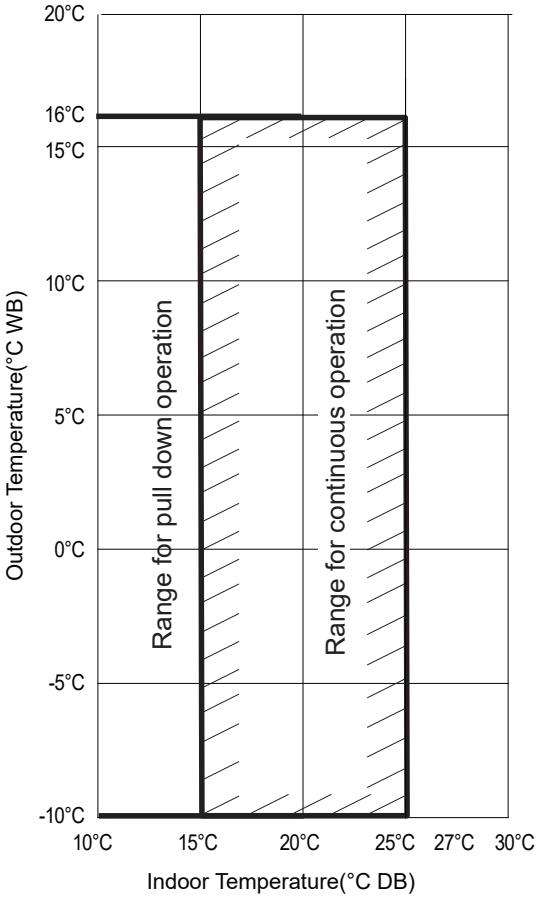
32.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

32.6.4 Simultaneous Operation (Heating)



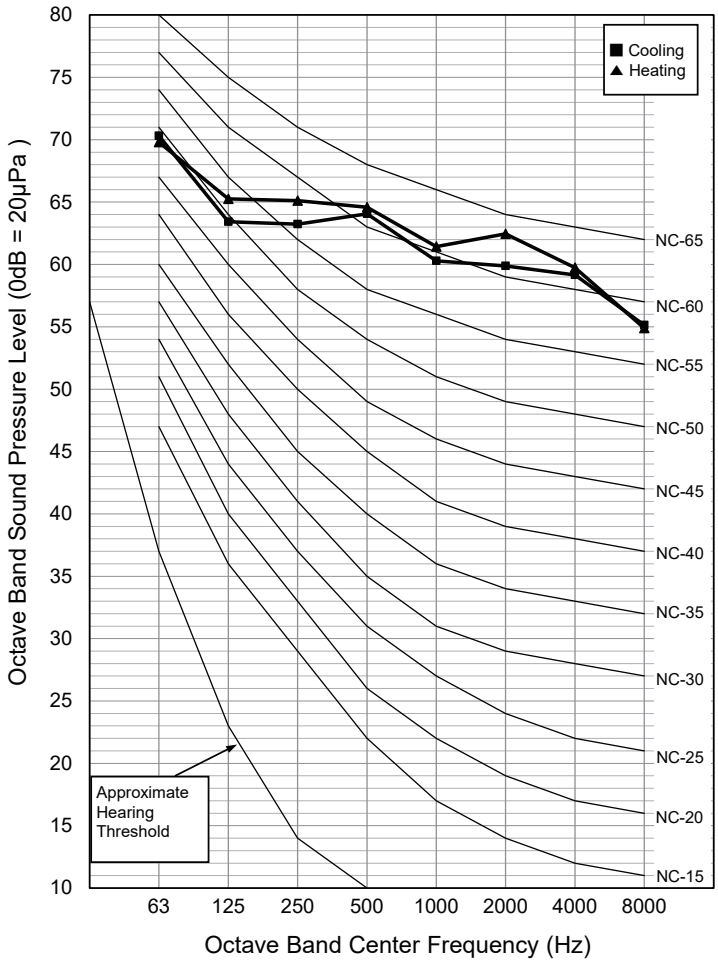
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

32. ARUM700LTE6

32.7 Sound Levels

32.7.1 Pressure Levels



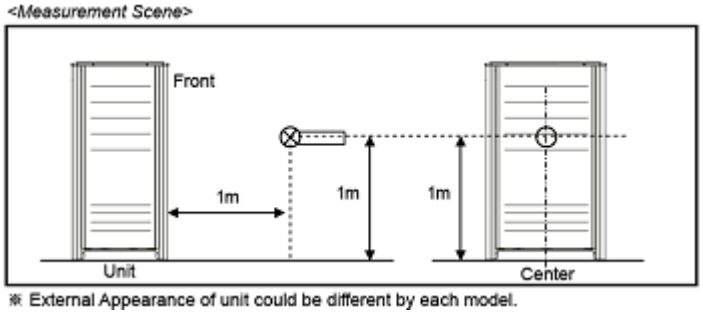
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	70.3	63.4	63.2	64.1	60.3	59.9	59.2	55.1
Heating[dB]	69.8	65.2	65.1	64.6	61.4	62.5	59.7	54.9

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	67.2 / 68.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

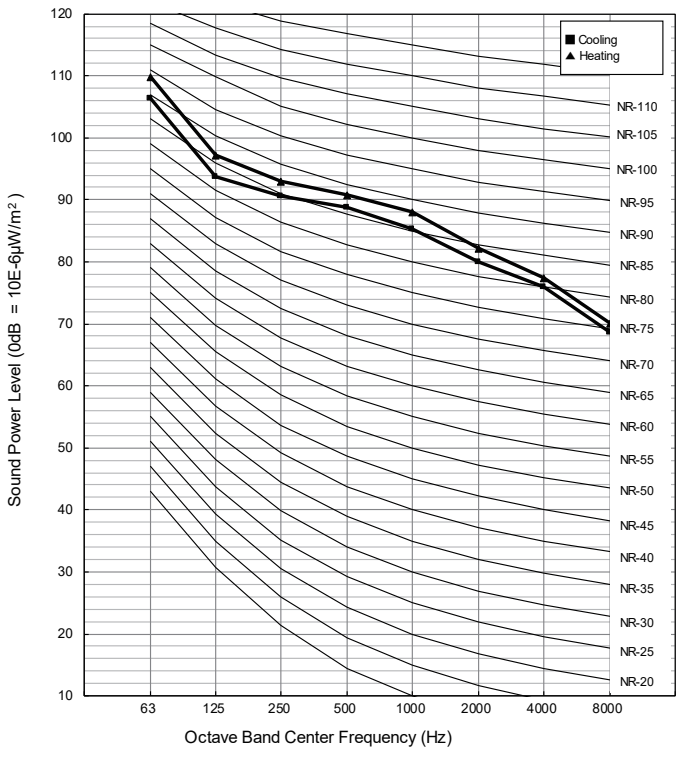
<Measurement Scene>



※ External Appearance of unit could be different by each model.

32. ARUM700LTE6

32.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	106.5	93.8	90.6	88.9	85.3	79.9	75.9	68.6	90.8
Heating [dB]	109.8	97.2	90.6	88.9	85.3	79.9	75.9	68.6	93.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.8 / 93.3

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

33. ARUM720LTE6

33.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB + UXA
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM120LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	105 - 99.75 - 96.14
	Running Current by Voltage (Heating,Rated)	A	74.64 - 70.91 - 68.35
Cooling Capacity	Rated	kW	201.6
		Btu/h	687,900
Heating Capacity	Rated	kW	201.6
		Btu/h	687,900
	Max	kW	226.8
		Btu/h	773,900
Power Input(Cooling)	Rated	kW	64.27
Power Input(Heating)	Rated	kW	45.69
Efficiency	EER(Rated)	W/W	3.14
	COP(Rated)	W/W	4.41
	SEER	Wh/Wh	8.30
	SCOP	Wh/Wh	5.09
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1) + (220 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2) + (1,200 × 1)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 7
	Number of Revolution	rev./min	3,600 x 7
	Motor Output	W x No.	5,300 x 7
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,240 x 1,745 x 760) x 3) + ((930 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,282 x 1,919 x 802) x 3) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1) + (215 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1) + (225 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	57.5
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	120.031
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	67.4 / 68.9
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.1 / 94.1
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	167.3
	Maximum Fuse Amperes (MFA)	A	200
	Total Over Current Amperes (TOCA)	A	184.0
	Comp_Maximum Starting Current (MSC)	A	41.3
	Comp_Rated Load Amperes (Cooling)	A	95.0
	Comp_Rated Load Amperes (Heating)	A	64.7
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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33.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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33.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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33.4 Capacity Tables

33.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	157.3	16.08	198.7	22.53	243.3	33.04	262.1	38.52	283.0	45.62	301.0	51.57	315.0	56.17
	12	157.3	17.60	198.7	24.87	243.3	36.36	262.1	42.25	283.0	49.80	301.0	55.69	315.0	60.35
	14	157.3	19.29	198.7	27.44	243.3	39.99	262.1	46.33	283.0	54.27	301.0	60.19	315.0	64.88
	16	157.3	21.17	198.7	30.30	243.3	43.97	262.1	50.78	283.0	58.94	301.0	65.02	315.0	69.80
	18	157.3	23.26	198.7	33.44	243.3	48.30	262.1	55.65	283.0	63.97	301.0	69.74	314.7	73.49
	20	157.3	25.57	198.7	36.84	243.3	53.04	262.1	60.78	283.0	67.77	301.0	72.85	314.3	76.46
	21	157.3	26.81	198.7	38.70	243.3	55.45	262.1	62.52	283.0	69.40	301.0	74.48	314.1	78.03
	23	157.3	29.52	198.7	42.61	243.3	58.86	262.1	66.24	283.0	72.83	301.0	77.95	313.6	81.48
	25	157.3	32.45	198.7	45.76	243.3	62.47	262.1	70.03	283.0	76.52	300.6	81.70	313.0	85.29
	27	157.3	35.06	198.7	48.75	243.3	66.38	262.1	73.81	283.0	80.54	300.1	85.78	312.5	89.56
	29	157.3	37.39	198.7	51.95	243.3	70.57	262.1	77.88	283.0	84.89	299.5	90.29	311.8	94.32
	31	157.3	39.86	198.7	55.38	243.3	75.18	262.1	82.28	283.0	89.70	298.8	95.38	311.2	99.78
	33	157.3	42.52	198.7	59.06	243.3	79.96	262.1	87.07	282.3	94.87	295.4	99.99	296.1	100.2
	35	157.3	45.33	198.7	63.02	243.3	84.71	262.1	92.36	277.7	98.93	278.5	99.15	279.2	99.31
	37	157.3	48.35	198.7	67.31	243.3	89.91	259.1	97.04	259.4	97.11	259.1	97.07	259.0	97.04
	39	157.3	51.56	198.7	71.81	240.8	94.51	240.5	94.44	240.5	94.38	240.5	94.45	240.5	94.45
	41	157.3	54.99	198.7	76.73	222.9	91.58	222.6	91.54	222.6	91.49	222.3	91.38	222.6	91.53
	43	157.3	58.71	198.7	82.16	205.4	86.39	205.1	86.39	205.1	86.29	205.1	86.37	204.7	86.22
	46	157.3	64.80	180.6	78.97	180.3	78.91	180.3	78.96	180.3	78.88	180.0	78.79	180.2	78.92
	48	157.3	69.33	164.8	74.00	164.5	73.92	164.5	73.92	164.9	74.18	164.5	74.01	164.5	73.96
	50	150.4	69.60	150.0	69.50	149.7	69.36	149.7	69.46	149.7	69.38	149.4	69.32	149.4	69.30
	52	132.8	60.62	134.7	57.51	135.6	54.40	135.6	53.73	135.6	53.02	135.7	52.40	135.7	51.98
120	10	145.4	14.69	183.6	19.81	224.6	28.09	241.9	32.62	261.3	38.30	277.9	43.76	290.9	48.35
	12	145.4	15.99	183.6	21.83	224.6	31.02	241.9	35.96	261.3	42.03	277.9	47.86	290.9	52.40
	14	145.4	17.46	183.6	24.07	224.6	34.23	241.9	39.56	261.3	46.08	277.9	52.30	290.9	56.80
	16	145.4	19.08	183.6	26.53	224.6	37.73	241.9	43.47	261.3	50.50	277.9	57.15	290.9	61.56
	18	145.4	20.92	183.6	29.27	224.6	41.59	241.9	47.77	261.3	55.37	277.9	62.15	290.9	66.70
	20	145.4	22.93	183.6	32.27	224.6	45.79	241.9	52.48	261.3	60.50	277.9	66.23	290.9	69.98
	21	145.4	24.00	183.6	33.88	224.6	48.04	241.9	54.91	261.3	62.25	277.9	67.86	290.9	71.63
	23	145.4	26.38	183.6	37.32	224.6	51.97	241.9	58.31	261.3	65.97	277.9	71.30	290.9	75.10
	25	145.4	28.98	183.6	40.66	224.6	55.24	241.9	61.92	261.3	69.82	277.9	74.96	290.9	78.84
	27	145.4	31.62	183.6	43.35	224.6	58.72	241.9	65.77	261.3	73.59	277.9	78.89	290.9	82.91
	29	145.4	33.70	183.6	46.20	224.6	62.46	241.9	69.93	261.3	77.63	277.9	83.19	290.6	87.33
	31	145.4	35.92	183.6	49.25	224.6	66.49	241.9	74.47	261.3	82.01	277.9	87.89	289.9	92.14
	33	145.4	38.29	183.6	52.50	224.6	70.83	241.9	79.40	261.3	86.79	277.8	93.08	289.3	97.56
	35	145.4	40.84	183.6	56.01	224.6	75.56	241.9	84.11	261.3	92.08	277.1	98.70	278.4	99.15
	37	145.4	43.57	183.6	59.77	224.6	80.74	241.9	89.27	259.4	97.10	259.4	97.10	259.1	97.04
	39	145.4	46.45	183.6	63.80	224.6	86.52	240.9	94.54	240.8	94.48	240.5	94.47	240.5	94.42
	41	145.4	49.54	183.6	68.18	223.0	91.59	222.6	91.52	222.6	91.45	222.3	91.40	222.3	91.40
	43	145.4	52.86	183.6	72.98	205.4	86.45	205.4	86.38	205.1	86.28	205.1	86.31	205.1	86.38
	46	145.4	58.29	180.6	79.07	180.3	78.85	180.3	78.85	180.3	78.90	180.2	78.86	180.3	78.84
	48	145.4	62.25	164.8	73.98	164.8	74.03	164.8	74.10	164.5	73.99	164.5	73.94	164.5	73.88
	50	145.4	66.54	150.0	69.43	149.7	69.46	149.7	69.45	149.7	69.45	149.7	69.46	149.7	69.30
	52	132.4	61.82	133.9	58.78	135.7	55.68	135.6	55.07	135.7	54.37	135.7	53.82	135.7	53.53
110	10	133.2	13.53	168.1	17.51	205.9	23.92	221.7	27.41	239.4	31.97	254.5	36.28	266.4	39.96
	12	133.2	14.60	168.1	19.21	205.9	26.42	221.7	30.26	239.4	35.25	254.5	39.88	266.4	43.82
	14	133.2	15.85	168.1	21.12	205.9	29.16	221.7	33.40	239.4	38.81	254.5	43.77	266.4	47.99

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	133.2	17.22	168.1	23.25	205.9	32.20	221.7	36.83	239.4	42.69	254.5	48.04	266.4	52.56
	18	133.2	18.80	168.1	25.59	205.9	35.52	221.7	40.59	239.4	46.92	254.5	52.69	266.4	57.56
	20	133.2	20.53	168.1	28.16	205.9	39.14	221.7	44.71	239.4	51.53	254.5	57.78	266.4	62.54
	21	133.2	21.48	168.1	29.55	205.9	41.07	221.7	46.93	239.4	54.00	254.5	59.71	266.4	64.35
	23	133.2	23.53	168.1	32.55	205.9	45.26	221.7	50.90	239.4	57.44	254.5	63.29	266.4	67.89
	25	133.2	25.80	168.1	35.84	205.9	48.24	221.7	54.20	239.4	60.99	254.5	67.17	266.4	71.47
	27	133.2	28.30	168.1	38.34	205.9	51.40	221.7	57.60	239.4	64.78	254.5	71.33	266.4	75.31
	29	133.2	30.27	168.1	40.89	205.9	54.76	221.7	61.26	239.4	68.91	254.5	75.39	266.4	79.41
	31	133.2	32.24	168.1	43.58	205.9	58.37	221.7	65.21	239.4	73.35	254.5	79.66	266.4	83.92
	33	133.2	34.39	168.1	46.46	205.9	62.25	221.7	69.46	239.4	78.25	254.5	84.30	266.4	88.82
	35	133.2	36.65	168.1	49.56	205.9	66.37	221.7	74.09	239.4	83.18	254.5	89.37	266.4	94.25
	37	133.2	39.08	168.1	52.84	205.9	70.78	221.7	79.14	239.4	88.24	254.5	94.98	259.1	97.01
	39	133.2	41.70	168.1	56.38	205.9	75.58	221.7	84.75	239.4	93.83	240.6	94.43	240.8	94.47
	41	133.2	44.46	168.1	60.19	205.9	80.88	221.7	90.97	223.0	91.58	222.6	91.54	222.6	91.55
	43	133.2	47.44	168.1	64.30	205.3	86.27	205.4	86.48	205.4	86.41	205.0	86.30	205.1	86.32
	46	133.2	52.28	168.1	71.11	180.3	78.96	180.3	78.92	180.3	78.97	180.3	78.97	180.0	78.79
	48	133.2	55.78	164.8	74.07	164.8	74.08	164.8	74.08	164.8	74.00	164.5	74.00	164.5	73.98
	50	133.2	59.54	150.1	69.56	149.8	69.43	149.7	69.47	149.7	69.39	149.7	69.35	149.7	69.39
	52	131.7	62.50	132.9	60.29	135.0	57.22	135.4	56.63	135.7	55.99	135.1	55.42	135.7	54.64
100	10	121.0	12.48	153.0	15.55	187.2	20.41	201.6	23.06	217.8	26.47	231.5	29.84	242.3	32.77
	12	121.0	13.41	153.0	16.99	187.2	22.51	201.6	25.44	217.8	29.25	231.5	32.94	242.3	36.11
	14	121.0	14.44	153.0	18.58	187.2	24.82	201.6	28.11	217.8	32.28	231.5	36.30	242.3	39.70
	16	121.0	15.62	153.0	20.35	187.2	27.39	201.6	31.01	217.8	35.63	231.5	40.01	242.3	43.65
	18	121.0	16.91	153.0	22.33	187.2	30.20	201.6	34.22	217.8	39.28	231.5	44.06	242.3	47.98
	20	121.0	18.42	153.0	24.56	187.2	33.31	201.6	37.73	217.8	43.26	231.5	48.47	242.3	52.66
	21	121.0	19.19	153.0	25.74	187.2	34.96	201.6	39.59	217.8	45.41	231.5	50.80	242.3	55.12
	23	121.0	20.95	153.0	28.30	187.2	38.53	201.6	43.64	217.8	49.48	231.5	54.50	242.3	58.49
	25	121.0	22.93	153.0	31.12	187.2	41.84	201.6	46.72	217.8	52.65	231.5	57.88	242.3	62.09
	27	121.0	25.09	153.0	33.76	187.2	44.58	201.6	49.78	217.8	56.06	231.5	61.51	242.3	65.97
	29	121.0	27.07	153.0	35.98	187.2	47.52	201.6	53.02	217.8	59.66	231.5	65.42	242.3	70.16
	31	121.0	28.82	153.0	38.35	187.2	50.66	201.6	56.52	217.8	63.49	231.5	69.64	242.3	74.71
	33	121.0	30.71	153.0	40.90	187.2	54.01	201.6	60.28	217.8	67.60	231.5	74.21	242.3	79.61
	35	121.0	32.75	153.0	43.63	187.2	57.59	201.6	64.35	217.8	72.10	231.5	79.23	242.3	84.32
	37	121.0	34.90	153.0	46.51	187.2	61.47	201.6	68.63	217.8	76.98	231.5	84.78	242.3	89.48
	39	121.0	37.22	153.0	49.61	187.2	65.66	201.6	73.26	217.8	82.36	231.5	90.07	240.9	94.54
	41	121.0	39.72	153.0	52.92	187.2	70.19	201.6	78.32	217.8	88.34	222.6	91.50	222.9	91.57
	43	121.0	42.37	153.0	56.47	187.2	75.13	201.6	83.92	205.1	86.33	205.4	86.46	205.4	86.46
	46	121.0	46.69	153.0	62.32	180.3	78.92	180.6	78.94	180.6	78.96	180.6	78.99	180.3	78.85
	48	121.0	49.81	153.0	66.58	165.1	74.13	164.8	74.10	164.8	74.07	164.8	74.06	164.8	74.09
	50	121.0	53.16	150.1	69.46	150.0	69.44	150.0	69.44	149.7	69.37	149.7	69.36	149.7	69.35
	52	121.0	56.73	132.5	61.12	133.6	58.93	134.3	58.00	135.1	57.03	135.7	56.10	135.7	55.35
90	10	109.1	11.62	137.5	13.94	168.5	17.51	181.4	19.47	195.9	22.00	208.4	24.42	218.1	26.58
	12	109.1	12.36	137.5	15.09	168.5	19.24	181.4	21.45	195.9	24.27	208.4	26.99	218.1	29.36
	14	109.1	13.22	137.5	16.41	168.5	21.16	181.4	23.63	195.9	26.80	208.4	29.80	218.1	32.39
	16	109.1	14.18	137.5	17.89	168.5	23.29	181.4	26.05	195.9	29.55	208.4	32.91	218.1	35.75
	18	109.1	15.28	137.5	19.54	168.5	25.63	181.4	28.72	195.9	32.62	208.4	36.27	218.1	39.40
	20	109.1	16.50	137.5	21.38	168.5	28.23	181.4	31.65	195.9	35.95	208.4	39.99	218.1	43.41
	21	109.1	17.19	137.5	22.37	168.5	29.62	181.4	33.25	195.9	37.74	208.4	41.99	218.1	45.56
	23	109.1	18.66	137.5	24.53	168.5	32.62	181.4	36.62	195.9	41.60	208.4	46.17	218.1	49.60
	25	109.1	20.31	137.5	26.91	168.5	35.91	181.4	39.99	195.9	44.77	208.4	49.17	218.1	52.79
	27	109.1	22.18	137.5	29.55	168.5	38.41	181.4	42.62	195.9	47.71	208.4	52.37	218.1	56.21

33. ARUM720LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	109.1	24.12	137.5	31.49	168.5	40.96	181.4	45.42	195.9	50.84	208.4	55.79	218.1	59.80
	31	109.1	25.65	137.5	33.57	168.5	43.66	181.4	48.44	195.9	54.20	208.4	59.48	218.1	63.66
	33	109.1	27.29	137.5	35.79	168.5	46.54	181.4	51.65	195.9	57.81	208.4	63.38	218.1	67.81
	35	109.1	29.08	137.5	38.15	168.5	49.63	181.4	55.08	195.9	61.65	208.4	67.55	218.1	72.27
	37	109.1	31.00	137.5	40.67	168.5	52.95	181.4	58.74	195.9	65.84	208.4	72.06	218.1	77.18
	39	109.1	33.07	137.5	43.39	168.5	56.49	181.4	62.73	195.9	70.32	208.4	77.00	218.1	82.59
	41	109.1	35.28	137.5	46.27	168.5	60.30	181.4	67.03	195.9	75.13	208.4	82.40	218.1	88.61
	43	109.1	37.64	137.5	49.36	168.5	64.41	181.4	71.68	195.9	80.39	205.4	86.41	205.4	86.41
	46	109.1	41.48	137.5	54.39	168.5	71.23	180.5	78.98	180.6	78.97	180.3	78.94	180.6	79.00
	48	109.1	44.27	137.5	58.07	165.1	74.16	164.8	74.08	164.8	74.04	164.8	74.00	164.8	74.03
	50	109.1	47.24	137.5	62.02	150.1	69.57	150.0	69.56	150.0	69.49	150.0	69.48	150.0	69.45
	52	109.1	50.43	131.8	62.17	133.2	59.84	133.9	58.91	134.7	57.90	135.1	56.97	135.7	56.25
80	10	96.80	10.59	122.4	12.59	149.7	15.18	161.3	16.57	174.2	18.34	185.1	20.08	194.0	21.59
	12	96.80	11.50	122.4	13.52	149.7	16.55	161.3	18.15	174.2	20.18	185.1	22.14	194.0	23.83
	14	96.80	12.17	122.4	14.56	149.7	18.09	161.3	19.92	174.2	22.21	185.1	24.41	194.0	26.32
	16	96.80	12.95	122.4	15.77	149.7	19.82	161.3	21.87	174.2	24.48	185.1	26.94	194.0	29.03
	18	96.80	13.84	122.4	17.10	149.7	21.73	161.3	24.04	174.2	26.97	185.1	29.72	194.0	32.03
	20	96.80	14.83	122.4	18.61	149.7	23.83	161.3	26.46	174.2	29.72	185.1	32.76	194.0	35.32
	21	96.80	15.39	122.4	19.42	149.7	25.00	161.3	27.74	174.2	31.18	185.1	34.37	194.0	37.07
	23	96.80	16.63	122.4	21.21	149.7	27.45	161.3	30.55	174.2	34.36	185.1	37.87	194.0	40.83
	25	96.80	17.99	122.4	23.19	149.7	30.19	161.3	33.62	174.2	37.74	185.1	41.22	194.0	44.06
	27	96.80	19.56	122.4	25.39	149.7	32.84	161.3	36.20	174.2	40.25	185.1	43.94	194.0	46.97
	29	96.80	21.32	122.4	27.37	149.7	34.99	161.3	38.60	174.2	42.91	185.1	46.82	194.0	50.06
	31	96.80	22.71	122.4	29.15	149.7	37.32	161.3	41.15	174.2	45.75	185.1	49.92	194.0	53.35
	33	96.80	24.13	122.4	31.08	149.7	39.80	161.3	43.88	174.2	48.78	185.1	53.23	194.0	56.89
	35	96.80	25.70	122.4	33.12	149.7	42.42	161.3	46.76	174.2	52.02	185.1	56.75	194.0	60.69
	37	96.80	27.37	122.4	35.30	149.7	45.26	161.3	49.89	174.2	55.46	185.1	60.55	194.0	64.80
	39	96.80	29.18	122.4	37.66	149.7	48.25	161.3	53.21	174.2	59.19	185.1	64.69	194.0	69.25
	41	96.80	31.14	122.4	40.17	149.7	51.48	161.3	56.79	174.2	63.22	185.1	69.14	194.0	73.95
	43	96.80	33.23	122.4	42.85	149.7	54.92	161.3	60.60	174.2	67.56	185.1	73.99	194.0	79.10
	46	96.80	36.64	122.4	47.24	149.7	60.58	161.3	66.95	174.2	74.84	180.3	78.87	180.3	78.91
	48	96.80	39.13	122.4	50.40	149.7	64.72	161.3	71.64	164.8	74.06	164.8	74.02	164.8	74.01
	50	96.80	41.77	122.4	53.78	149.7	69.22	150.1	69.54	150.0	69.50	150.1	69.46	149.8	69.45
	52	96.80	44.59	122.4	57.39	132.5	61.08	133.2	60.11	133.9	59.06	134.3	58.09	135.0	57.38
70	10	84.90	8.75	106.9	11.51	131.0	13.31	141.1	14.28	152.3	15.48	162.0	16.68	169.6	17.70
	12	84.90	10.73	106.9	12.22	131.0	14.38	141.1	15.50	152.3	16.92	162.0	18.27	169.6	19.43
	14	84.90	11.25	106.9	13.03	131.0	15.56	141.1	16.86	152.3	18.50	162.0	20.04	169.6	21.38
	16	84.90	11.88	106.9	13.96	131.0	16.92	141.1	18.41	152.3	20.27	162.0	22.02	169.6	23.51
	18	84.90	12.58	106.9	15.02	131.0	18.43	141.1	20.14	152.3	22.25	162.0	24.22	169.6	25.90
	20	84.90	13.39	106.9	16.24	131.0	20.12	141.1	22.05	152.3	24.42	162.0	26.65	169.6	28.53
	21	84.90	13.83	106.9	16.90	131.0	21.04	141.1	23.08	152.3	25.63	162.0	27.96	169.6	29.93
	23	84.90	14.82	106.9	18.33	131.0	23.02	141.1	25.34	152.3	28.16	162.0	30.78	169.6	32.96
	25	84.90	15.93	106.9	19.94	131.0	25.25	141.1	27.80	152.3	30.97	162.0	33.88	169.6	36.28
	27	84.90	17.21	106.9	21.74	131.0	27.67	141.1	30.45	152.3	33.61	162.0	36.45	169.6	38.78
	29	84.90	18.67	106.9	23.68	131.0	29.65	141.1	32.45	152.3	35.81	162.0	38.86	169.6	41.36
	31	84.90	20.03	106.9	25.14	131.0	31.58	141.1	34.60	152.3	38.20	162.0	41.44	169.6	44.10
	33	84.90	21.23	106.9	26.78	131.0	33.66	141.1	36.89	152.3	40.72	162.0	44.18	169.6	47.01
	35	84.90	22.57	106.9	28.52	131.0	35.91	141.1	39.33	152.3	43.41	162.0	47.09	169.6	50.14
	37	84.90	24.02	106.9	30.38	131.0	38.28	141.1	41.95	152.3	46.32	162.0	50.23	169.6	53.47
	39	84.90	25.58	106.9	32.41	131.0	40.85	141.1	44.75	152.3	49.39	162.0	53.58	169.6	57.05
	41	84.90	27.28	106.9	34.58	131.0	43.55	141.1	47.73	152.3	52.70	162.0	57.20	169.6	60.89

33. ARUM720LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	84.90	29.13	106.9	36.90	131.0	46.45	141.1	50.90	152.3	56.21	162.0	61.04	169.6	65.04
	46	84.90	32.13	106.9	40.67	131.0	51.21	141.1	56.12	152.3	62.03	162.0	67.44	169.6	71.97
	48	84.90	34.33	106.9	43.42	131.0	54.64	141.1	59.91	152.3	66.29	162.0	72.19	165.1	74.13
	50	84.90	36.68	106.9	46.32	131.0	58.32	141.1	63.98	150.1	69.54	150.1	69.42	150.0	69.50
	52	84.90	39.17	106.9	49.44	131.0	62.27	132.1	61.69	132.9	60.60	133.6	59.63	133.9	58.88
60	10	72.70	6.94	91.80	9.76	112.3	11.85	121.0	12.48	130.7	13.27	139.0	14.05	145.4	14.73
	12	72.70	9.74	91.80	11.17	112.3	12.63	121.0	13.37	130.7	14.34	139.0	15.24	145.4	16.02
	14	72.70	10.18	91.80	11.77	112.3	13.52	121.0	14.41	130.7	15.52	139.0	16.57	145.4	17.46
	16	72.70	10.68	91.80	12.47	112.3	14.55	121.0	15.58	130.7	16.85	139.0	18.08	145.4	19.08
	18	72.70	11.27	91.80	13.28	112.3	15.69	121.0	16.88	130.7	18.36	139.0	19.77	145.4	20.92
	20	72.70	11.92	91.80	14.20	112.3	17.01	121.0	18.38	130.7	20.05	139.0	21.61	145.4	22.94
	21	72.70	12.29	91.80	14.72	112.3	17.71	121.0	19.16	130.7	20.97	139.0	22.63	145.4	24.03
	23	72.70	13.09	91.80	15.82	112.3	19.25	121.0	20.92	130.7	22.95	139.0	24.83	145.4	26.38
	25	72.70	14.00	91.80	17.10	112.3	21.01	121.0	22.86	130.7	25.14	139.0	27.25	145.4	28.98
	27	72.70	15.06	91.80	18.53	112.3	22.95	121.0	25.05	130.7	27.59	139.0	29.89	145.4	31.62
	29	72.70	16.26	91.80	20.14	112.3	24.90	121.0	27.03	130.7	29.57	139.0	31.86	145.4	33.70
	31	72.70	17.53	91.80	21.54	112.3	26.47	121.0	28.78	130.7	31.50	139.0	33.94	145.4	35.93
	33	72.70	18.55	91.80	22.88	112.3	28.18	121.0	30.64	130.7	33.58	139.0	36.19	145.4	38.33
	35	72.70	19.67	91.80	24.34	112.3	30.03	121.0	32.68	130.7	35.80	139.0	38.59	145.4	40.87
	37	72.70	20.91	91.80	25.90	112.3	32.03	121.0	34.82	130.7	38.16	139.0	41.14	145.4	43.57
	39	72.70	22.25	91.80	27.64	112.3	34.17	121.0	37.15	130.7	40.71	139.0	43.90	145.4	46.48
	41	72.70	23.73	91.80	29.45	112.3	36.45	121.0	39.65	130.7	43.43	139.0	46.81	145.4	49.57
	43	72.70	25.32	91.80	31.44	112.3	38.88	121.0	42.30	130.7	46.31	139.0	49.94	145.4	52.89
	46	72.70	27.95	91.80	34.69	112.3	42.87	121.0	46.58	130.7	51.03	139.0	55.04	145.4	58.33
	48	72.70	29.86	91.80	37.04	112.3	45.73	121.0	49.71	130.7	54.46	139.0	58.74	145.4	62.28
	50	72.70	31.92	91.80	39.57	112.3	48.78	121.0	53.05	130.7	58.14	139.0	62.76	145.4	66.58
	52	72.70	34.15	91.80	42.24	112.3	52.05	121.0	56.62	130.7	62.09	132.1	61.78	132.5	61.02
50	10	60.50	5.37	76.30	7.46	93.60	10.04	100.8	11.12	108.7	11.62	115.9	12.10	121.3	12.48
	12	60.50	8.44	76.30	10.05	93.60	11.28	100.8	11.77	108.7	12.36	115.9	12.92	121.3	13.41
	14	60.50	9.09	76.30	10.52	93.60	11.91	100.8	12.47	108.7	13.21	115.9	13.88	121.3	14.44
	16	60.50	9.49	76.30	11.07	93.60	12.62	100.8	13.32	108.7	14.17	115.9	14.95	121.3	15.62
	18	60.50	9.94	76.30	11.66	93.60	13.47	100.8	14.28	108.7	15.25	115.9	16.17	121.3	16.92
	20	60.50	10.45	76.30	12.38	93.60	14.42	100.8	15.35	108.7	16.49	115.9	17.53	121.3	18.42
	21	60.50	10.74	76.30	12.75	93.60	14.94	100.8	15.94	108.7	17.16	115.9	18.27	121.3	19.23
	23	60.50	11.39	76.30	13.63	93.60	16.11	100.8	17.26	108.7	18.63	115.9	19.92	121.3	20.99
	25	60.50	12.12	76.30	14.61	93.60	17.40	100.8	18.73	108.7	20.31	115.9	21.75	121.3	22.93
	27	60.50	12.96	76.30	15.74	93.60	18.90	100.8	20.37	108.7	22.14	115.9	23.76	121.3	25.09
	29	60.50	13.91	76.30	17.02	93.60	20.55	100.8	22.20	108.7	24.09	115.9	25.74	121.3	27.07
	31	60.50	14.97	76.30	18.33	93.60	21.94	100.8	23.63	108.7	25.62	115.9	27.39	121.3	28.82
	33	60.50	15.88	76.30	19.39	93.60	23.32	100.8	25.12	108.7	27.26	115.9	29.17	121.3	30.71
	35	60.50	16.79	76.30	20.55	93.60	24.81	100.8	26.76	108.7	29.04	115.9	31.09	121.3	32.75
	37	60.50	17.78	76.30	21.86	93.60	26.41	100.8	28.50	108.7	30.96	115.9	33.13	121.3	34.93
	39	60.50	18.90	76.30	23.27	93.60	28.15	100.8	30.39	108.7	33.03	115.9	35.35	121.3	37.25
	41	60.50	20.13	76.30	24.79	93.60	30.04	100.8	32.42	108.7	35.21	115.9	37.71	121.3	39.72
	43	60.50	21.47	76.30	26.46	93.60	32.06	100.8	34.60	108.7	37.60	115.9	40.24	121.3	42.38
	46	60.50	23.74	76.30	29.23	93.60	35.39	100.8	38.17	108.7	41.44	115.9	44.34	121.3	46.69
	48	60.50	25.46	76.30	31.22	93.60	37.77	100.8	40.74	108.7	44.20	115.9	47.32	121.3	49.82
	50	60.50	27.35	76.30	33.38	93.60	40.34	100.8	43.46	108.7	47.17	115.9	50.47	121.3	53.16
	52	60.50	29.41	76.30	35.68	93.60	43.05	100.8	46.39	108.7	50.35	115.9	53.86	121.3	56.76

33. ARUM720LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

33. ARUM720LTE6

33.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	42.90	2.93	68.80	4.68	97.50	6.69	104.4	7.21	111.2	7.72	118.4	8.28	126.0	8.97
	12	42.90	2.93	68.80	4.69	97.50	6.76	104.4	7.28	111.2	7.80	118.4	8.35	126.0	9.11
	14	42.90	2.93	68.80	4.72	97.50	6.86	104.4	7.38	111.2	7.93	118.4	8.52	126.0	9.32
	16	42.90	2.93	68.80	4.79	97.50	7.04	104.4	7.59	111.2	8.18	118.4	8.84	126.0	9.77
	18	42.90	2.97	68.80	4.93	97.50	7.39	104.4	8.05	111.2	8.74	118.4	9.54	126.0	10.73
	20	42.90	3.07	68.80	5.24	97.50	8.34	104.4	9.22	111.2	10.17	118.4	11.25	126.0	13.12
	21	48.60	3.86	74.20	6.66	102.6	11.29	109.4	11.92	116.3	12.61	123.1	13.34	130.0	14.48
	23	59.80	8.70	85.30	10.88	113.4	13.96	119.9	14.77	126.4	15.65	132.1	16.45	138.6	17.78
	25	71.60	10.81	96.50	13.55	124.5	17.55	130.3	18.54	136.8	19.60	141.5	20.48	147.2	22.03
	27	83.50	13.72	108.0	17.13	135.7	22.27	141.5	23.48	147.3	24.67	151.2	25.47	164.5	29.05
	29	95.80	17.66	119.5	21.68	147.2	27.48	152.6	28.73	158.4	30.09	167.8	32.49	194.4	40.96
	31	108.4	22.21	131.8	26.87	159.1	33.82	164.1	35.22	178.2	39.38	198.7	45.90	224.6	56.90
	33	121.3	27.89	144.0	33.33	171.0	41.63	188.3	47.52	209.5	55.60	229.3	63.87	254.5	77.45
	35	134.6	35.06	157.0	41.39	200.9	58.25	219.6	66.89	240.9	76.97	259.9	86.21	284.7	98.28
	37	134.6	37.43	157.0	44.18	200.9	62.20	219.6	71.35	240.9	82.34	259.9	91.57	265.4	95.92
	39	134.6	39.93	157.0	47.13	200.9	66.46	219.6	76.23	240.9	88.27	249.0	92.39	246.1	93.07
	41	134.6	42.62	157.0	50.30	200.9	71.10	219.6	81.61	230.3	87.93	230.3	87.96	227.5	89.02
	43	134.6	45.49	157.0	53.69	200.9	76.15	212.4	82.87	212.1	82.82	212.1	82.82	209.8	83.97
	46	134.6	50.14	157.0	59.21	186.8	75.71	186.8	75.70	186.5	75.62	186.8	75.70	184.3	76.60
	48	134.6	53.53	157.0	63.26	170.6	71.00	170.9	71.17	170.6	71.00	170.3	70.92	168.4	71.86
	50	134.6	57.13	155.5	66.73	155.1	66.67	155.1	66.77	155.1	66.69	154.8	66.62	152.8	67.34
	52	132.8	59.77	134.7	56.01	136.8	53.11	137.2	52.55	137.9	51.91	138.3	51.36	138.6	51.67
120	10	39.60	2.71	63.40	4.32	90.00	6.18	96.10	6.62	102.6	7.09	109.4	7.58	116.3	8.17
	12	39.60	2.71	63.40	4.32	90.00	6.21	96.10	6.68	102.6	7.13	109.4	7.65	116.3	8.27
	14	39.60	2.71	63.40	4.35	90.00	6.28	96.10	6.75	102.6	7.27	109.4	7.79	116.3	8.45
	16	39.60	2.71	63.40	4.39	90.00	6.42	96.10	6.93	102.6	7.45	109.4	8.03	116.3	8.80
	18	39.60	2.75	63.40	4.49	90.00	6.70	96.10	7.28	102.6	7.90	109.4	8.56	116.3	9.57
	20	39.60	2.82	63.40	4.74	90.00	7.44	96.10	8.20	102.6	9.00	109.4	9.91	116.3	11.60
	21	44.70	3.46	68.40	5.91	94.70	9.95	101.1	11.11	107.3	11.73	113.4	12.32	120.2	13.31
	23	55.40	8.30	78.50	10.23	104.8	12.93	110.5	13.60	116.6	14.36	122.0	15.06	127.8	16.20
	25	66.20	10.22	88.90	12.63	114.8	16.08	120.6	16.92	126.3	17.84	130.7	18.57	135.7	19.93
	27	77.10	12.82	99.70	15.81	125.3	20.21	130.7	21.24	136.1	22.34	139.7	23.11	151.9	26.25
	29	88.50	16.34	110.5	19.95	135.7	24.98	140.8	26.05	146.1	27.23	155.1	29.32	179.6	36.57
	31	100.1	20.52	121.7	24.56	146.9	30.55	151.5	31.77	164.5	35.34	183.3	40.93	207.4	50.33
	33	112.0	25.53	133.2	30.27	158.0	37.44	173.9	42.52	193.7	49.40	211.7	56.40	235.1	68.30
	35	124.2	31.90	144.7	37.38	185.4	51.87	202.7	59.17	222.5	68.07	239.8	76.42	262.8	89.13
	37	124.2	34.05	144.7	39.89	185.4	55.37	202.7	63.20	222.5	72.67	239.8	81.69	262.8	94.75
	39	124.2	36.33	144.7	42.58	185.4	59.10	202.7	67.53	222.5	77.65	239.8	87.59	246.1	93.08
	41	124.2	38.77	144.7	45.45	185.4	63.13	202.7	72.25	222.5	83.13	230.3	87.90	227.5	89.01
	43	124.2	41.38	144.7	48.50	185.4	67.47	202.7	77.33	212.4	82.84	212.4	82.84	209.8	83.85
	46	124.2	45.66	144.7	53.45	185.4	74.74	186.8	75.70	186.5	75.63	186.5	75.65	184.3	76.68
	48	124.2	48.71	144.7	57.06	170.7	71.11	170.6	71.08	170.6	71.03	170.3	70.88	168.4	71.91
	50	124.2	51.98	144.7	60.93	155.2	66.70	155.2	66.74	155.4	66.80	155.1	66.64	153.3	67.48
	52	124.2	55.50	133.9	57.22	136.1	54.30	136.5	53.71	136.8	53.11	137.2	52.67	137.5	53.09
110	10	36.40	2.46	58.30	3.95	82.40	5.63	88.20	6.03	94.00	6.47	100.1	6.91	106.6	7.43
	12	36.40	2.46	58.30	3.95	82.40	5.67	88.20	6.10	94.00	6.50	100.1	6.95	106.6	7.53
	14	36.40	2.46	58.30	3.99	82.40	5.73	88.20	6.14	94.00	6.61	100.1	7.05	106.6	7.64
	16	36.40	2.49	58.30	4.02	82.40	5.84	88.20	6.28	94.00	6.75	100.1	7.26	106.6	7.92
	18	36.40	2.49	58.30	4.09	82.40	6.05	88.20	6.56	94.00	7.10	100.1	7.65	106.6	8.51

33. ARUM720LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	36.40	2.53	58.30	4.27	82.40	6.61	88.20	7.26	94.00	7.94	100.1	8.70	106.6	10.04
	21	41.00	3.10	62.70	5.22	86.80	8.57	92.50	9.55	98.30	10.63	104.0	11.40	110.1	12.24
	23	50.70	7.93	72.00	9.64	96.10	11.98	101.5	12.56	106.9	13.19	111.9	13.75	117.3	14.76
	25	60.50	9.64	81.70	11.75	105.1	14.72	110.5	15.42	115.6	16.19	119.9	16.81	124.6	17.98
	27	70.60	11.94	91.40	14.56	114.8	18.31	119.5	19.18	124.6	20.10	128.1	20.76	139.3	23.59
	29	81.00	15.07	101.2	18.25	124.6	22.66	129.2	23.58	133.9	24.58	142.2	26.34	164.5	32.52
	31	91.80	18.90	111.6	22.36	134.6	27.54	138.9	28.56	150.8	31.62	168.1	36.36	190.1	44.28
	33	102.6	23.33	122.0	27.37	144.7	33.54	159.5	37.85	177.5	43.70	194.0	49.58	215.3	59.70
	35	113.8	28.93	132.8	33.63	169.9	45.98	185.8	52.13	203.8	59.62	219.9	66.89	240.8	79.23
	37	113.8	30.85	132.8	35.88	169.9	49.08	185.8	55.63	203.8	63.68	219.9	71.39	240.8	84.82
	39	113.8	32.92	132.8	38.31	169.9	52.36	185.8	59.40	203.8	68.05	219.9	76.27	240.8	90.54
	41	113.8	35.17	132.8	40.89	169.9	55.90	185.8	63.43	203.8	72.81	219.9	81.64	227.7	89.03
	43	113.8	37.53	132.8	43.65	169.9	59.66	185.8	67.84	203.8	77.90	212.4	82.85	209.8	83.87
	46	113.8	41.40	132.8	48.11	169.9	65.90	185.8	75.15	186.8	75.76	186.8	75.67	184.3	76.65
	48	113.8	44.19	132.8	51.35	169.9	70.50	170.6	70.95	170.6	71.05	170.6	70.96	168.4	71.83
	50	113.8	47.16	132.8	54.77	155.5	66.77	155.5	66.77	155.1	66.70	155.2	66.66	153.3	67.50
	52	113.8	50.35	132.8	58.42	135.0	55.72	135.4	55.17	135.8	54.54	135.2	53.97	136.8	53.98
100	10	33.10	2.24	52.90	3.59	74.90	5.12	80.30	5.48	85.70	5.85	91.10	6.25	96.80	6.73
	12	33.10	2.24	52.90	3.59	74.90	5.12	80.30	5.52	85.70	5.89	91.10	6.29	96.80	6.79
	14	33.10	2.24	52.90	3.59	74.90	5.19	80.30	5.56	85.70	5.95	91.10	6.36	96.80	6.87
	16	33.10	2.24	52.90	3.62	74.90	5.26	80.30	5.66	85.70	6.06	91.10	6.50	96.80	7.08
	18	33.10	2.27	52.90	3.69	74.90	5.40	80.30	5.87	85.70	6.31	91.10	6.81	96.80	7.50
	20	33.10	2.31	52.90	3.83	74.90	5.85	80.30	6.39	85.70	6.94	91.10	7.58	96.80	8.66
	21	37.40	2.77	57.20	4.58	79.20	7.35	84.20	8.14	89.30	9.00	94.70	9.91	100.1	11.28
	23	46.10	7.53	65.50	9.03	87.10	11.07	92.20	11.57	97.20	12.09	101.5	12.60	106.6	13.41
	25	55.10	9.06	74.20	10.92	95.80	13.44	100.4	14.06	105.1	14.69	109.1	15.20	113.1	16.19
	27	64.10	11.10	83.10	13.36	104.4	16.55	108.7	17.28	113.4	18.08	116.3	18.60	126.4	20.95
	29	73.80	13.87	92.10	16.60	113.1	20.46	117.4	21.23	121.7	22.11	129.2	23.58	149.7	28.77
	31	83.50	17.33	101.5	20.30	122.4	24.71	126.0	25.55	137.1	28.16	152.7	32.13	172.8	38.79
	33	93.20	21.23	110.9	24.69	131.7	29.90	144.7	33.54	161.3	38.44	176.4	43.36	195.8	51.76
	35	103.7	26.10	120.6	30.10	154.4	40.54	168.9	45.69	185.4	51.88	199.8	57.88	218.9	68.43
	37	103.7	27.84	120.6	32.14	154.4	43.27	168.9	48.75	185.4	55.38	199.8	61.80	218.9	73.05
	39	103.7	29.73	120.6	34.28	154.4	46.18	168.9	52.03	185.4	59.11	199.8	66.02	218.9	78.07
	41	103.7	31.72	120.6	36.60	154.4	49.27	168.9	55.53	185.4	63.14	199.8	70.62	218.9	83.61
	43	103.7	33.89	120.6	39.10	154.4	52.58	168.9	59.29	185.4	67.50	199.8	75.61	210.1	84.03
	46	103.7	37.40	120.6	43.12	154.4	57.98	168.9	65.45	185.4	74.77	186.8	75.77	184.3	76.57
	48	103.7	39.93	120.6	46.02	154.4	61.93	168.9	70.01	170.6	71.03	170.3	70.92	168.4	71.83
	50	103.7	42.65	120.6	49.10	154.4	66.15	155.5	66.75	155.2	66.71	155.5	66.82	153.0	67.39
	52	103.7	45.54	120.6	52.40	133.6	57.37	134.6	56.47	135.1	55.51	135.8	54.65	136.1	54.65
90	10	29.90	2.02	47.50	3.22	67.30	4.58	72.30	4.93	77.00	5.26	82.10	5.60	87.10	6.03
	12	29.90	2.02	47.50	3.22	67.30	4.61	72.30	4.94	77.00	5.27	82.10	5.63	87.10	6.07
	14	29.90	2.02	47.50	3.23	67.30	4.64	72.30	4.97	77.00	5.33	82.10	5.70	87.10	6.14
	16	29.90	2.02	47.50	3.26	67.30	4.68	72.30	5.04	77.00	5.41	82.10	5.80	87.10	6.28
	18	29.90	2.02	47.50	3.29	67.30	4.82	72.30	5.18	77.00	5.58	82.10	6.01	87.10	6.59
	20	29.90	2.06	47.50	3.40	67.30	5.10	72.30	5.57	77.00	6.04	82.10	6.57	87.10	7.43
	21	33.50	2.42	51.50	3.97	71.30	6.23	75.60	6.88	80.30	7.56	85.00	8.28	90.00	9.98
	23	41.40	7.17	59.00	8.48	78.50	10.23	82.80	10.66	87.50	11.10	91.40	11.50	95.80	12.23
	25	49.70	8.51	66.60	10.11	86.10	12.27	90.40	12.78	94.70	13.33	97.90	13.76	101.9	14.57
	27	57.90	10.30	74.50	12.23	94.00	14.93	97.90	15.55	101.9	16.18	104.8	16.62	113.8	18.59
	29	66.30	12.71	82.80	15.04	101.9	18.40	105.5	19.09	109.5	19.80	116.3	21.05	134.7	25.35
	31	74.90	15.81	91.10	18.39	110.1	22.06	113.4	22.80	123.5	24.93	137.5	28.24	155.5	33.75

33. ARUM720LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	83.90	19.29	99.70	22.16	118.4	26.52	130.3	29.57	145.1	33.62	158.8	37.66	176.4	44.54
	35	93.20	23.49	108.7	26.83	139.0	35.51	152.3	39.77	166.7	44.88	180.0	49.74	196.9	58.40
	37	93.20	25.02	108.7	28.61	139.0	37.90	152.3	42.46	166.7	47.87	180.0	53.09	196.9	62.35
	39	93.20	26.69	108.7	30.54	139.0	40.45	152.3	45.30	166.7	51.10	180.0	56.67	196.9	66.61
	41	93.20	28.50	108.7	32.60	139.0	43.17	152.3	48.35	166.7	54.53	180.0	60.51	196.9	71.25
	43	93.20	30.45	108.7	34.84	139.0	46.08	152.3	51.59	166.7	58.22	180.0	64.65	196.9	76.27
	46	93.20	33.63	108.7	38.43	139.0	50.80	152.3	56.88	166.7	64.27	180.0	71.50	184.6	76.69
	48	93.20	35.94	108.7	41.03	139.0	54.22	152.3	60.75	166.7	68.72	170.6	71.04	168.8	71.98
	50	93.20	38.39	108.7	43.82	139.0	57.87	152.3	64.89	155.2	66.69	155.2	66.76	153.3	67.55
	52	93.20	40.99	108.7	46.78	133.2	58.27	133.9	57.34	134.7	56.37	135.1	55.47	135.7	55.51
80	10	26.30	1.80	42.50	2.86	60.10	4.06	64.10	4.36	68.40	4.65	72.70	4.97	77.40	5.34
	12	26.30	1.80	42.50	2.86	60.10	4.07	64.10	4.39	68.40	4.68	72.70	4.98	77.40	5.37
	14	26.30	1.80	42.50	2.86	60.10	4.10	64.10	4.39	68.40	4.72	72.70	5.01	77.40	5.41
	16	26.30	1.80	42.50	2.86	60.10	4.13	64.10	4.46	68.40	4.75	72.70	5.08	77.40	5.51
	18	26.30	1.80	42.50	2.90	60.10	4.21	64.10	4.53	68.40	4.89	72.70	5.25	77.40	5.72
	20	26.30	1.80	42.50	2.97	60.10	4.42	64.10	4.81	68.40	5.21	72.70	5.64	77.40	6.32
	21	29.90	2.13	45.70	3.43	63.30	5.26	67.30	5.76	71.60	6.30	75.60	6.85	79.90	8.13
	23	36.70	6.80	52.50	7.93	69.80	9.42	73.80	9.79	77.80	10.15	81.40	10.48	85.30	11.10
	25	43.90	7.97	59.40	9.35	76.70	11.17	80.30	11.61	84.20	12.05	87.10	12.41	90.70	13.07
	27	51.50	9.53	66.30	11.17	83.50	13.43	87.10	13.94	90.70	14.46	93.20	14.82	101.2	16.43
	29	59.00	11.61	73.80	13.58	90.70	16.35	93.90	16.93	97.50	17.56	103.3	18.66	119.9	22.22
	31	66.60	14.31	81.00	16.53	97.90	19.64	100.8	20.23	109.8	21.99	122.4	24.67	138.2	29.15
	33	74.50	17.36	88.60	19.81	105.5	23.40	115.9	25.90	128.9	29.20	141.1	32.48	156.6	38.03
	35	82.80	21.03	96.50	23.79	123.5	30.91	135.3	34.37	148.3	38.48	159.8	42.41	175.0	49.33
	37	82.80	22.38	96.50	25.35	123.5	32.98	135.3	36.69	148.3	41.07	159.8	45.25	175.0	52.62
	39	82.80	23.86	96.50	27.05	123.5	35.20	135.3	39.16	148.3	43.83	159.8	48.31	175.0	56.19
	41	82.80	25.49	96.50	28.90	123.5	37.59	135.3	41.78	148.3	46.77	159.8	51.55	175.0	59.99
	43	82.80	27.22	96.50	30.85	123.5	40.13	135.3	44.60	148.3	49.93	159.8	55.02	175.0	64.07
	46	82.80	30.07	96.50	34.07	123.5	44.26	135.3	49.15	148.3	55.04	159.8	60.68	175.0	70.91
	48	82.80	32.13	96.50	36.41	123.5	47.23	135.3	52.46	148.3	58.76	159.8	64.85	168.8	71.96
	50	82.80	34.37	96.50	38.90	123.5	50.39	135.3	55.99	148.3	62.75	155.2	66.72	153.3	67.48
	52	82.80	36.74	96.50	41.54	123.5	53.77	133.2	58.50	133.9	57.49	134.3	56.56	135.0	56.60
70	10	23.10	1.57	37.10	2.49	52.50	3.55	56.20	3.81	59.80	4.06	63.70	4.32	67.70	4.65
	12	23.10	1.57	37.10	2.49	52.50	3.55	56.20	3.81	59.80	4.06	63.70	4.35	67.70	4.68
	14	23.10	1.58	37.10	2.49	52.50	3.59	56.20	3.84	59.80	4.10	63.70	4.36	67.70	4.72
	16	23.10	1.58	37.10	2.50	52.50	3.59	56.20	3.85	59.80	4.13	63.70	4.42	67.70	4.75
	18	23.10	1.58	37.10	2.53	52.50	3.66	56.20	3.92	59.80	4.20	63.70	4.50	67.70	4.92
	20	23.10	1.58	37.10	2.57	52.50	3.80	56.20	4.09	59.80	4.41	63.70	4.77	67.70	5.28
	21	26.30	1.83	40.00	2.92	55.40	4.37	59.00	4.76	62.60	5.19	66.20	5.62	70.20	6.52
	23	32.40	6.11	45.70	7.42	61.20	8.66	64.50	8.95	68.00	9.28	71.30	9.54	74.50	10.04
	25	38.50	7.46	51.80	8.59	67.00	10.12	70.20	10.48	73.80	10.85	76.30	11.14	79.20	11.72
	27	45.00	8.77	58.00	10.15	73.10	12.01	76.00	12.45	79.20	12.88	81.40	13.14	88.60	14.46
	29	51.50	10.52	64.40	12.16	79.20	14.46	82.10	14.93	85.30	15.44	90.40	16.31	104.8	19.35
	31	58.30	12.85	70.90	14.78	85.70	17.37	88.20	17.87	96.10	19.27	106.9	21.43	121.0	25.00
	33	65.20	15.48	77.70	17.58	92.20	20.54	101.5	22.52	113.0	25.17	123.5	27.74	137.1	32.18
	35	72.40	18.67	84.60	20.96	108.0	26.69	118.4	29.44	129.6	32.71	140.0	35.80	153.3	41.24
	37	72.40	19.86	84.60	22.30	108.0	28.47	118.4	31.41	129.6	34.93	140.0	38.20	153.3	44.01
	39	72.40	21.16	84.60	23.79	108.0	30.39	118.4	33.54	129.6	37.25	140.0	40.78	153.3	46.96
	41	72.40	22.60	84.60	25.41	108.0	32.45	118.4	35.79	129.6	39.79	140.0	43.54	153.3	50.12
	43	72.40	24.18	84.60	27.15	108.0	34.63	118.4	38.22	129.6	42.47	140.0	46.45	153.3	53.51
	46	72.40	26.71	84.60	30.00	108.0	38.24	118.4	42.17	129.6	46.80	140.0	51.21	153.3	59.02

33. ARUM720LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	72.40	28.58	84.60	32.06	108.0	40.81	118.4	44.99	129.6	49.95	140.0	54.66	153.3	63.05
	50	72.40	30.56	84.60	34.29	108.0	43.59	118.4	48.04	129.6	53.30	140.0	58.34	153.0	67.29
	52	72.40	32.72	84.60	36.64	108.0	46.53	118.4	51.26	129.6	56.90	133.6	58.06	133.9	58.06
60	10	19.80	1.35	31.70	2.13	45.00	3.04	48.20	3.26	51.50	3.48	54.70	3.70	58.00	3.99
	12	19.80	1.35	31.70	2.13	45.00	3.04	48.20	3.26	51.50	3.48	54.70	3.70	58.00	3.99
	14	19.80	1.32	31.70	2.13	45.00	3.04	48.20	3.26	51.50	3.48	54.70	3.73	58.00	3.99
	16	19.80	1.33	31.70	2.13	45.00	3.08	48.20	3.29	51.50	3.51	54.70	3.74	58.00	4.03
	18	19.80	1.33	31.70	2.16	45.00	3.08	48.20	3.33	51.50	3.55	54.70	3.81	58.00	4.13
	20	19.80	1.33	31.70	2.17	45.00	3.18	48.20	3.44	51.50	3.69	54.70	3.98	58.00	4.37
	21	22.30	1.54	34.20	2.42	47.50	3.58	50.40	3.90	53.60	4.22	56.90	4.54	60.10	5.15
	23	27.70	4.31	39.30	6.44	52.20	7.93	55.40	8.18	58.30	8.41	60.90	8.66	64.10	9.06
	25	34.30	7.10	44.60	7.89	57.60	9.13	60.10	9.42	63.00	9.72	65.50	9.97	68.00	10.41
	27	38.50	8.07	49.70	9.17	62.60	10.70	65.20	11.03	68.00	11.39	69.80	11.61	76.00	12.67
	29	44.30	9.53	55.10	10.85	68.00	12.70	70.50	13.07	73.10	13.47	77.40	14.20	89.70	16.60
	31	50.00	11.43	60.80	13.00	73.40	15.19	75.60	15.59	82.10	16.75	91.80	18.46	103.7	21.25
	33	55.80	13.69	66.60	15.40	78.90	17.84	86.80	19.47	96.80	21.49	105.8	23.51	117.4	26.93
	35	62.30	16.32	72.40	18.24	92.50	22.83	101.5	24.96	111.2	27.50	119.9	29.88	131.4	34.07
	37	62.30	17.33	72.40	19.39	92.50	24.32	101.5	26.63	111.2	29.35	119.9	31.88	131.4	36.36
	39	62.30	18.43	72.40	20.66	92.50	25.95	101.5	28.41	111.2	31.31	119.9	34.02	131.4	38.80
	41	62.30	19.63	72.40	22.07	92.50	27.72	101.5	30.36	111.2	33.44	119.9	36.34	131.4	41.41
	43	62.30	20.94	72.40	23.61	92.50	29.61	101.5	32.43	111.2	35.72	119.9	38.80	131.4	44.20
	46	62.30	23.17	72.40	26.16	92.50	32.71	101.5	35.79	111.2	39.41	119.9	42.79	131.4	48.71
	48	62.30	24.86	72.40	28.00	92.50	34.95	101.5	38.24	111.2	42.06	119.9	45.66	131.4	51.98
	50	62.30	26.68	72.40	29.98	92.50	37.36	101.5	40.84	111.2	44.91	119.9	48.74	131.4	55.51
	52	62.30	28.71	72.40	32.06	92.50	39.92	101.5	43.59	111.2	47.92	119.9	52.00	131.4	59.26
50	10	16.60	1.25	26.60	1.79	37.40	2.53	40.00	2.71	42.80	2.89	45.70	3.08	48.60	3.30
	12	16.60	1.25	26.60	1.79	37.40	2.53	40.00	2.71	42.80	2.89	45.70	3.08	48.60	3.30
	14	16.60	1.25	26.60	1.79	37.40	2.53	40.00	2.71	42.80	2.90	45.70	3.08	48.60	3.33
	16	16.60	1.25	26.60	1.77	37.40	2.53	40.00	2.71	42.80	2.90	45.70	3.11	48.60	3.33
	18	16.60	1.26	26.60	1.80	37.40	2.56	40.00	2.75	42.80	2.93	45.70	3.15	48.60	3.40
	20	16.60	1.26	26.60	1.80	37.40	2.60	40.00	2.79	42.80	3.00	45.70	3.22	48.60	3.51
	21	18.70	1.26	28.50	1.98	39.60	2.88	42.10	3.10	44.60	3.32	47.20	3.57	50.00	4.00
	23	23.00	2.92	32.80	4.35	43.60	7.24	46.10	7.42	48.60	7.64	50.80	7.82	53.30	8.12
	25	32.40	7.10	37.10	7.24	47.90	8.22	50.10	8.44	52.60	8.66	54.40	8.84	56.50	9.21
	27	32.70	7.47	41.40	8.26	52.20	9.46	54.40	9.72	56.50	9.97	58.30	10.16	63.30	10.99
	29	36.70	8.55	46.10	9.61	56.50	11.03	58.70	11.35	60.80	11.65	64.50	12.20	74.90	14.05
	31	41.70	10.08	50.70	11.32	61.20	13.07	63.00	13.40	68.40	14.35	76.30	15.73	86.40	17.91
	33	46.80	11.97	55.40	13.33	65.90	15.26	72.40	16.53	80.60	18.16	88.20	19.70	97.90	22.26
	35	51.80	14.09	60.50	15.62	77.10	19.32	84.60	20.96	92.50	22.83	100.1	24.60	109.4	27.68
	37	51.80	14.89	60.50	16.54	77.10	20.58	84.60	22.31	92.50	24.35	100.1	26.23	109.4	29.54
	39	51.80	15.77	60.50	17.56	77.10	21.95	84.60	23.79	92.50	25.98	100.1	28.00	109.4	31.53
	41	51.80	16.75	60.50	18.72	77.10	23.40	84.60	25.41	92.50	27.73	100.1	29.89	109.4	33.67
	43	51.80	17.81	60.50	19.96	77.10	25.02	84.60	27.15	92.50	29.61	100.1	31.92	109.4	35.95
	46	51.80	19.64	60.50	22.08	77.10	27.66	84.60	30.00	92.50	32.71	100.1	35.24	109.4	39.67
	48	51.80	21.02	60.50	23.66	77.10	29.57	84.60	32.06	92.50	34.98	100.1	37.66	109.4	42.35
	50	51.80	22.51	60.50	25.39	77.10	31.66	84.60	34.29	92.50	37.37	100.1	40.22	109.4	45.21
	52	51.80	24.16	60.50	27.28	77.10	33.85	84.60	36.67	92.50	39.93	100.1	42.97	109.4	48.26

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

33. ARUM720LTE6

33.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	135.3	62.51	134.3	63.05	133.2	63.58	132.8	63.83	132.4	64.11	131.4	64.62
	-24.8	-25	157.3	65.72	156.2	66.33	155.2	66.90	154.5	67.19	154.1	67.51	153.0	68.08
	-21.8	-22	171.0	67.58	169.9	68.22	168.8	68.83	168.1	69.15	167.7	69.44	166.3	70.04
	-19.8	-20	180.8	68.83	179.6	69.47	178.2	70.12	177.5	70.44	177.1	70.76	176.0	71.40
	-18.8	-19	185.8	69.44	184.4	70.11	183.3	70.79	182.6	71.11	181.8	71.43	180.7	72.04
	-16.7	-17	195.9	70.72	194.8	71.40	193.4	72.08	192.7	72.43	192.2	72.75	190.8	73.40
	-15	-15.9	202.4	71.44	200.9	72.15	199.5	72.86	198.8	73.18	198.1	73.54	196.9	74.18
	-13.7	-15	207.5	72.08	206.0	72.80	204.9	73.51	204.2	73.87	203.5	74.22	202.4	74.90
	-11.8	-13	218.3	73.33	216.8	74.07	215.4	74.79	214.6	75.15	213.9	75.50	212.5	76.21
	-9.8	-11	230.1	74.64	228.3	75.39	226.9	76.14	226.2	76.50	225.4	76.86	224.0	77.57
	-9.5	-10	235.6	75.25	234.1	76.00	232.6	76.78	231.9	77.14	230.9	77.53	229.4	78.25
	-8.5	-9.1	241.3	75.86	239.5	76.64	238.0	77.39	237.3	77.78	236.6	78.14	234.8	78.89
	-7	-7.6	250.7	76.86	249.2	77.67	247.4	78.46	246.7	78.82	245.6	79.21	244.1	79.96
	-5	-5.6	264.0	78.25	262.2	79.07	260.4	79.85	259.6	80.25	258.6	80.64	256.8	81.42
	-3	-3.7	277.0	79.57	275.2	80.42	273.3	81.24	272.3	81.64	271.5	82.06	258.1	77.52
	0	-0.7	298.6	81.74	296.4	82.60	294.5	83.44	285.5	80.41	276.5	77.29	258.1	71.15
	3	2.2	320.2	83.84	313.2	82.72	294.8	76.83	285.5	73.96	276.5	71.10	258.1	65.53
	5	4.1	331.6	83.94	313.2	78.28	294.8	72.75	285.5	70.06	276.5	67.38	258.1	62.13
	7	6	331.6	79.39	313.2	74.06	294.8	68.88	285.5	66.34	276.5	63.80	258.1	58.87
	9	7.9	331.6	74.91	313.2	69.91	294.8	65.01	285.5	62.62	276.5	60.26	258.1	55.62
	11	9.8	331.6	70.58	313.2	65.90	294.8	61.33	285.5	59.08	276.5	56.90	258.1	52.55
	13	11.8	331.6	66.22	313.2	61.87	294.8	57.65	285.5	55.55	276.5	53.51	258.1	49.47
	15	13.7	331.6	62.29	313.2	58.26	294.8	54.29	285.5	52.36	276.5	50.44	258.1	46.69
120	-30	-30.2	134.6	62.80	133.6	63.33	132.8	63.87	132.4	64.12	131.7	64.37	131.0	64.90
	-24.8	-25	156.6	66.12	155.5	66.69	154.4	67.29	153.7	67.58	153.4	67.86	152.3	68.43
	-21.8	-22	170.3	68.04	169.2	68.65	167.8	69.26	167.4	69.58	166.7	69.87	165.6	70.47
	-19.8	-20	179.7	69.33	178.6	69.97	177.5	70.61	176.8	70.93	176.1	71.22	175.0	71.86
	-18.8	-19	184.7	69.97	183.6	70.62	182.2	71.29	181.5	71.61	181.1	71.90	179.7	72.54
	-16.7	-17	194.8	71.29	193.7	71.97	192.3	72.65	191.6	72.97	191.2	73.29	189.8	73.93
	-15	-15.9	200.9	72.04	199.8	72.75	198.4	73.43	197.7	73.76	197.0	74.11	195.8	74.75
	-13.7	-15	206.4	72.72	204.9	73.44	203.8	74.12	203.1	74.47	202.4	74.80	201.3	75.47
	-11.8	-13	217.1	74.01	215.7	74.75	214.2	75.46	213.5	75.79	212.8	76.14	211.4	76.82
	-9.8	-11	228.7	75.39	226.9	76.14	225.4	76.86	224.7	77.22	224.0	77.57	222.5	78.28
	-9.5	-10	234.1	76.04	232.6	76.79	230.8	77.53	230.1	77.89	229.4	78.25	227.9	78.96
	-8.5	-9.1	239.5	76.68	238.0	77.43	236.3	78.18	235.5	78.54	234.8	78.92	233.3	79.64
	-7	-7.6	248.9	77.75	247.4	78.50	245.6	79.28	244.9	79.64	244.1	80.03	238.0	78.68
	-5	-5.6	261.8	79.18	260.0	79.99	258.2	80.78	257.5	81.14	255.2	80.82	238.0	74.38
	-3	-3.7	274.8	80.60	273.0	81.42	271.1	82.21	263.5	79.59	255.2	76.52	238.0	70.47
	0	-0.7	295.7	82.88	289.1	81.62	272.2	75.86	263.5	73.01	255.2	70.22	238.0	64.75
	3	2.2	306.0	80.44	289.1	75.07	272.2	69.81	263.5	67.24	255.2	64.70	238.0	59.70
	5	4.1	306.0	76.14	289.1	71.10	272.2	66.17	263.5	63.74	255.2	61.34	238.0	56.66
	7	6	306.0	72.06	289.1	67.30	272.2	62.66	263.5	60.37	255.2	58.12	238.0	53.69
	9	7.9	306.0	68.01	289.1	63.55	272.2	59.19	263.5	57.05	255.2	54.94	238.0	50.76
	11	9.8	306.0	64.12	289.1	59.94	272.2	55.87	263.5	53.87	255.2	51.90	238.0	48.01
	13	11.8	306.0	60.25	289.1	56.36	272.2	52.58	263.5	50.69	255.2	48.86	238.0	45.23

33. ARUM720LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	306.0	56.72	289.1	53.11	272.2	49.58	263.5	47.83	255.2	46.11	238.0	42.72
110	-30	-30.2	133.9	63.15	133.2	63.69	132.1	64.19	131.7	64.47	131.3	64.72	130.3	65.22
	-24.8	-25	155.9	66.58	154.8	67.15	153.7	67.72	153.0	68.01	152.6	68.29	151.5	68.83
	-21.8	-22	169.2	68.58	168.1	69.18	167.0	69.79	166.3	70.08	165.9	70.36	164.9	70.97
	-19.8	-20	178.6	69.90	177.5	70.54	176.4	71.15	175.7	71.47	175.3	71.79	173.9	72.36
	-18.8	-19	183.6	70.58	182.2	71.22	181.1	71.86	180.4	72.18	180.0	72.47	178.9	73.11
	-16.7	-17	193.7	71.97	192.3	72.61	191.2	73.29	190.5	73.61	189.8	73.93	188.6	74.54
	-15	-15.9	199.5	72.76	198.4	73.43	197.0	74.11	196.3	74.43	195.8	74.75	194.4	75.39
	-13.7	-15	204.9	73.44	203.5	74.15	202.4	74.83	201.7	75.19	201.0	75.51	199.9	76.15
	-11.8	-13	215.4	74.82	213.9	75.54	212.5	76.22	211.7	76.57	211.3	76.89	209.9	77.57
	-9.8	-11	226.8	76.25	225.1	77.00	223.6	77.71	222.9	78.04	222.2	78.39	218.2	77.73
	-9.5	-10	232.3	76.93	230.8	77.68	229.0	78.39	228.3	78.75	227.6	79.10	218.2	75.79
	-8.5	-9.1	237.7	77.61	235.9	78.36	234.4	79.07	233.7	79.46	233.0	79.79	218.2	73.93
	-7	-7.6	246.7	78.75	245.2	79.50	243.4	80.25	241.6	80.07	234.0	77.00	218.2	70.95
	-5	-5.6	259.3	80.28	257.8	81.06	249.5	78.64	241.6	75.70	234.0	72.80	218.2	67.12
	-3	-3.7	272.2	81.78	265.0	80.13	249.5	74.48	241.6	71.72	234.0	68.97	218.2	63.64
	0	-0.7	280.8	78.73	265.0	73.50	249.5	68.39	241.6	65.89	234.0	63.39	218.2	58.53
	3	2.2	280.8	72.42	265.0	67.67	249.5	63.02	241.6	60.74	234.0	58.48	218.2	54.05
	5	4.1	280.8	68.60	265.0	64.13	249.5	59.77	241.6	57.63	234.0	55.49	218.2	51.34
	7	6	280.8	64.98	265.0	60.76	249.5	56.62	241.6	54.59	234.0	52.59	218.2	48.66
	9	7.9	280.8	61.37	265.0	57.40	249.5	53.54	241.6	51.62	234.0	49.76	218.2	46.05
	11	9.8	280.8	57.90	265.0	54.22	249.5	50.58	241.6	48.80	234.0	47.05	218.2	43.59
	13	11.8	280.8	54.44	265.0	51.01	249.5	47.65	241.6	45.98	234.0	44.33	218.2	41.12
	15	13.7	280.8	51.33	265.0	48.12	249.5	44.97	241.6	43.41	234.0	41.87	218.2	38.87
100	-30	-30.2	133.2	63.58	132.4	64.08	131.4	64.61	131.0	64.86	130.6	65.11	129.6	65.61
	-24.8	-25	154.8	67.12	153.7	67.69	152.6	68.26	152.2	68.51	151.6	68.79	150.8	69.33
	-21.8	-22	168.1	69.19	167.0	69.79	165.9	70.37	165.2	70.68	164.9	70.97	163.8	71.54
	-19.8	-20	177.5	70.58	176.1	71.22	175.0	71.83	174.6	72.11	173.9	72.43	172.8	73.00
	-18.8	-19	182.2	71.29	181.1	71.93	179.7	72.54	179.3	72.86	178.6	73.15	177.5	73.75
	-16.7	-17	192.2	72.75	190.8	73.40	189.7	74.04	189.0	74.36	188.3	74.65	187.2	75.25
	-15	-15.9	198.0	73.58	196.6	74.25	195.5	74.90	194.8	75.22	194.1	75.54	193.0	76.14
	-13.7	-15	203.2	74.33	202.0	75.01	200.9	75.69	200.2	76.01	199.5	76.33	198.4	76.95
	-11.8	-13	213.5	75.75	212.1	76.43	210.7	77.11	209.9	77.46	209.5	77.78	198.4	73.30
	-9.8	-11	224.7	77.28	223.2	78.00	221.8	78.68	219.6	78.34	212.7	75.36	198.4	69.49
	-9.5	-10	230.1	78.00	228.3	78.71	226.8	79.33	219.6	76.36	212.7	73.46	198.4	67.77
	-8.5	-9.1	235.2	78.71	233.7	79.43	226.8	77.36	219.6	74.50	212.7	71.67	198.4	66.13
	-7	-7.6	244.2	79.92	240.9	79.79	226.8	74.24	219.6	71.49	212.7	68.80	198.4	63.48
	-5	-5.6	255.2	80.82	240.9	75.45	226.8	70.20	219.6	67.65	212.7	65.08	198.4	60.11
	-3	-3.7	255.2	76.52	240.9	71.47	226.8	66.54	219.6	64.11	212.7	61.72	198.4	57.03
	0	-0.7	255.2	70.22	240.9	65.64	226.8	61.17	219.6	58.96	212.7	56.81	198.4	52.52
	3	2.2	255.2	64.70	240.9	60.52	226.8	56.45	219.6	54.45	212.7	52.45	198.4	48.56
	5	4.1	255.2	61.34	240.9	57.42	226.8	53.59	219.6	51.70	212.7	49.84	198.4	46.16
	7	6	255.2	58.12	240.9	54.41	226.8	50.80	219.6	49.01	212.7	47.26	198.4	43.77
	9	7.9	255.2	54.94	240.9	51.47	226.8	48.08	219.6	46.40	212.7	44.73	198.4	41.48
	11	9.8	255.2	51.90	240.9	48.65	226.8	45.48	219.6	43.91	212.7	42.37	198.4	39.30
	13	11.8	255.2	48.86	240.9	45.83	226.8	42.87	219.6	41.41	212.7	39.95	198.4	37.12
	15	13.7	255.2	46.11	240.9	43.26	226.8	40.51	219.6	39.13	212.7	37.77	198.4	35.13

33. ARUM720LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	132.4	64.08	131.4	64.58	130.6	65.08	130.3	65.33	129.6	65.58	128.8	66.05
	-24.8	-25	153.7	67.76	152.6	68.33	151.5	68.86	151.2	69.15	150.5	69.40	149.4	69.93
	-21.8	-22	166.7	69.94	165.6	70.51	164.5	71.11	163.8	71.40	163.4	71.65	162.4	72.22
	-19.8	-20	175.7	71.40	174.6	72.01	173.5	72.61	173.1	72.90	172.4	73.18	171.3	73.75
	-18.8	-19	180.7	72.15	179.3	72.79	178.2	73.36	177.5	73.68	177.1	73.97	176.0	74.54
	-16.7	-17	190.4	73.68	189.0	74.32	187.9	74.93	187.2	75.25	186.5	75.54	178.6	72.20
	-15	-15.9	196.2	74.57	194.8	75.22	193.7	75.86	193.0	76.15	191.2	75.92	178.6	70.05
	-13.7	-15	201.3	75.37	200.2	76.04	198.8	76.69	197.7	76.69	191.2	73.75	178.6	67.99
	-11.8	-13	211.3	76.86	209.9	77.54	204.1	75.77	197.7	73.01	191.2	70.25	178.6	64.85
	-9.8	-11	222.1	78.50	216.7	77.15	204.1	71.82	197.7	69.21	191.2	66.60	178.6	61.52
	-9.5	-10	227.2	79.25	216.7	75.22	204.1	70.03	197.7	67.49	191.2	64.95	178.6	60.02
	-8.5	-9.1	229.7	78.51	216.7	73.36	204.1	68.34	197.7	65.84	191.2	63.41	178.6	58.58
	-7	-7.6	229.7	75.35	216.7	70.41	204.1	65.59	197.7	63.23	191.2	60.90	178.6	56.29
	-5	-5.6	229.7	71.23	216.7	66.62	204.1	62.08	197.7	59.86	191.2	57.68	178.6	53.32
	-3	-3.7	229.7	67.51	216.7	63.18	204.1	58.89	197.7	56.78	191.2	54.71	178.6	50.64
	0	-0.7	229.7	62.06	216.7	58.10	204.1	54.24	197.7	52.31	191.2	50.42	178.6	46.70
	3	2.2	229.7	57.27	216.7	53.66	204.1	50.13	197.7	48.38	191.2	46.66	178.6	43.27
	5	4.1	229.7	54.34	216.7	50.95	204.1	47.63	197.7	45.98	191.2	44.37	178.6	41.16
	7	6	229.7	51.51	216.7	48.30	204.1	45.16	197.7	43.62	191.2	42.09	178.6	39.06
	9	7.9	229.7	48.73	216.7	45.73	204.1	42.80	197.7	41.34	191.2	39.88	178.6	37.06
	11	9.8	229.7	46.12	216.7	43.30	204.1	40.52	197.7	39.16	191.2	37.80	178.6	35.13
	13	11.8	229.7	43.44	216.7	40.83	204.1	38.23	197.7	36.98	191.2	35.70	178.6	33.24
	15	13.7	229.7	41.05	216.7	38.59	204.1	36.17	197.7	34.99	191.2	33.81	178.6	31.49
80	-30	-30.2	131.4	64.69	130.3	65.19	129.6	65.68	129.2	65.90	128.8	66.15	127.8	66.61
	-24.8	-25	152.2	68.54	151.2	69.11	150.1	69.65	149.7	69.90	149.0	70.15	148.3	70.68
	-21.8	-22	164.9	70.86	163.8	71.43	162.7	71.97	162.3	72.25	161.7	72.54	158.8	71.80
	-19.8	-20	173.9	72.40	172.8	73.00	171.7	73.57	171.0	73.86	169.9	73.80	158.8	68.17
	-18.8	-19	178.6	73.22	177.5	73.79	176.4	74.39	175.7	74.68	169.9	71.93	158.8	66.45
	-16.7	-17	188.0	74.82	186.8	75.43	181.4	73.53	175.7	70.88	169.9	68.26	158.8	63.08
	-15	-15.9	193.7	75.78	192.6	76.39	181.4	71.34	175.7	68.76	169.9	66.22	158.8	61.20
	-13.7	-15	198.8	76.65	192.6	74.40	181.4	69.25	175.7	66.71	169.9	64.20	158.8	59.30
	-11.8	-13	204.1	75.77	192.6	70.86	181.4	66.03	175.7	63.66	169.9	61.33	158.8	56.65
	-9.8	-11	204.1	71.82	192.6	67.17	181.4	62.66	175.7	60.41	169.9	58.19	158.8	53.87
	-9.5	-10	204.1	70.03	192.6	65.52	181.4	61.12	175.7	58.94	169.9	56.79	158.8	52.57
	-8.5	-9.1	204.1	68.34	192.6	63.94	181.4	59.65	175.7	57.54	169.9	55.44	158.8	51.32
	-7	-7.6	204.1	65.59	192.6	61.40	181.4	57.29	175.7	55.29	169.9	53.28	158.8	49.32
	-5	-5.6	204.1	62.08	192.6	58.14	181.4	54.28	175.7	52.39	169.9	50.50	158.8	46.78
	-3	-3.7	204.1	58.89	192.6	55.17	181.4	51.53	175.7	49.74	169.9	47.99	158.8	44.49
	0	-0.7	204.1	54.24	192.6	50.85	181.4	47.52	175.7	45.91	169.9	44.28	158.8	41.10
	3	2.2	204.1	50.13	192.6	47.02	181.4	44.02	175.7	42.52	169.9	41.03	158.8	38.13
	5	4.1	204.1	47.63	192.6	44.73	181.4	41.87	175.7	40.45	169.9	39.06	158.8	36.31
	7	6	204.1	45.16	192.6	42.41	181.4	39.73	175.7	38.41	169.9	37.09	158.8	34.49
	9	7.9	204.1	42.80	192.6	40.20	181.4	37.70	175.7	36.45	169.9	35.20	158.8	32.77
	11	9.8	204.1	40.52	192.6	38.09	181.4	35.73	175.7	34.56	169.9	33.38	158.8	31.10
	13	11.8	204.1	38.23	192.6	35.98	181.4	33.77	175.7	32.67	169.9	31.60	158.8	29.46
	15	13.7	204.1	36.17	192.6	34.06	181.4	31.99	175.7	30.96	169.9	29.96	158.8	27.93
70	-30	-30.2	129.9	65.47	129.2	65.94	128.1	66.40	127.8	66.65	127.4	66.90	126.7	67.33

33. ARUM720LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	150.1	69.54	149.4	70.08	148.3	70.58	147.9	70.83	147.5	71.08	138.9	66.62
	-21.8	-22	162.7	72.00	161.6	72.54	158.8	71.80	153.7	69.22	148.7	66.68	138.9	61.70
	-19.8	-20	171.7	73.65	168.8	73.11	158.8	68.17	153.7	65.74	148.7	63.34	138.9	58.62
	-18.8	-19	176.0	74.50	168.8	71.21	158.8	66.45	153.7	64.09	148.7	61.76	138.9	57.15
	-16.7	-17	178.6	72.21	168.8	67.59	158.8	63.08	153.7	60.86	148.7	58.64	138.9	54.31
	-15	-15.9	178.6	70.05	168.8	65.58	158.8	61.20	153.7	59.02	148.7	56.84	138.9	52.59
	-13.7	-15	178.6	67.99	168.8	63.59	158.8	59.30	153.7	57.19	148.7	55.08	138.9	50.97
	-11.8	-13	178.6	64.85	168.8	60.72	158.8	56.65	153.7	54.61	148.7	52.64	138.9	48.71
	-9.8	-11	178.6	61.52	168.8	57.66	158.8	53.87	153.7	51.97	148.7	50.14	138.9	46.45
	-9.5	-10	178.6	60.02	168.8	56.26	158.8	52.57	153.7	50.75	148.7	48.93	138.9	45.39
	-8.5	-9.1	178.6	58.58	168.8	54.93	158.8	51.32	153.7	49.54	148.7	47.79	138.9	44.32
	-7	-7.6	178.6	56.29	168.8	52.79	158.8	49.32	153.7	47.64	148.7	45.96	138.9	42.64
	-5	-5.6	178.6	53.32	168.8	50.03	158.8	46.81	153.7	45.21	148.7	43.63	138.9	40.50
	-3	-3.7	178.6	50.64	168.8	47.53	158.8	44.49	153.7	42.99	148.7	41.49	138.9	38.53
	0	-0.7	178.6	46.70	168.8	43.88	158.8	41.10	153.7	39.74	148.7	38.38	138.9	35.67
	3	2.2	178.6	43.27	168.8	40.67	158.8	38.13	153.7	36.88	148.7	35.63	138.9	33.17
	5	4.1	178.6	41.16	168.8	38.70	158.8	36.31	153.7	35.10	148.7	33.92	138.9	31.60
	7	6	178.6	39.06	168.8	36.77	158.8	34.49	153.7	33.38	148.7	32.24	138.9	30.07
	9	7.9	178.6	37.06	168.8	34.88	158.8	32.77	153.7	31.71	148.7	30.67	138.9	28.60
	11	9.8	178.6	35.13	168.8	33.10	158.8	31.10	153.7	30.13	148.7	29.14	138.9	27.21
	13	11.8	178.6	33.24	168.8	31.31	158.8	29.46	153.7	28.53	148.7	27.61	138.9	25.79
	15	13.7	178.6	31.49	168.8	29.71	158.8	27.93	153.7	27.07	148.7	26.22	138.9	24.51
60	-30	-30.2	128.1	66.47	127.4	66.93	126.6	67.36	126.0	67.61	125.6	67.83	119.1	64.02
	-24.8	-25	147.9	70.82	144.7	69.70	136.1	65.08	131.8	62.82	127.5	60.56	119.1	56.09
	-21.8	-22	153.0	68.86	144.7	64.53	136.1	60.30	131.8	58.19	127.5	56.12	119.1	52.00
	-19.8	-20	153.0	65.41	144.7	61.33	136.1	57.29	131.8	55.32	127.5	53.35	119.1	49.46
	-18.8	-19	153.0	63.76	144.7	59.76	136.1	55.86	131.8	53.93	127.5	52.03	119.1	48.24
	-16.7	-17	153.0	60.54	144.7	56.78	136.1	53.06	131.8	51.24	127.5	49.45	119.1	45.87
	-15	-15.9	153.0	58.70	144.7	55.02	136.1	51.40	131.8	49.62	127.5	47.86	119.1	44.36
	-13.7	-15	153.0	56.90	144.7	53.33	136.1	49.83	131.8	48.11	127.5	46.40	119.1	43.04
	-11.8	-13	153.0	54.33	144.7	50.93	136.1	47.61	131.8	45.96	127.5	44.35	119.1	41.14
	-9.8	-11	153.0	51.72	144.7	48.56	136.1	45.39	131.8	43.82	127.5	42.28	119.1	39.24
	-9.5	-10	153.0	50.47	144.7	47.40	136.1	44.39	131.8	42.89	127.5	41.40	119.1	38.50
	-8.5	-9.1	153.0	49.29	144.7	46.29	136.1	43.36	131.8	41.89	127.5	40.46	119.1	37.61
	-7	-7.6	153.0	47.39	144.7	44.53	136.1	41.71	131.8	40.32	127.5	38.96	119.1	36.22
	-5	-5.6	153.0	44.96	144.7	42.28	136.1	39.64	131.8	38.32	127.5	37.03	119.1	34.46
	-3	-3.7	153.0	42.78	144.7	40.21	136.1	37.71	131.8	36.49	127.5	35.25	119.1	32.82
	0	-0.7	153.0	39.53	144.7	37.21	136.1	34.92	131.8	33.78	127.5	32.67	119.1	30.46
	3	2.2	153.0	36.70	144.7	34.56	136.1	32.46	131.8	31.43	127.5	30.42	119.1	28.39
	5	4.1	153.0	34.95	144.7	32.92	136.1	30.96	131.8	29.96	127.5	29.00	119.1	27.07
	7	6	153.0	33.21	144.7	31.31	136.1	29.46	131.8	28.53	127.5	27.61	119.1	25.79
	9	7.9	153.0	31.56	144.7	29.78	136.1	28.03	131.8	27.15	127.5	26.29	119.1	24.58
	11	9.8	153.0	29.99	144.7	28.32	136.1	26.65	131.8	25.83	127.5	25.04	119.1	23.44
	13	11.8	153.0	28.39	144.7	26.82	136.1	25.29	131.8	24.51	127.5	23.76	119.1	22.26
	15	13.7	153.0	26.96	144.7	25.47	136.1	24.04	131.8	23.33	127.5	22.62	119.1	21.20
50	-30	-30.2	125.6	67.79	120.6	64.88	113.4	60.66	109.8	58.58	106.2	56.50	99.30	52.42
	-24.8	-25	127.5	60.56	120.6	56.84	113.4	53.19	109.8	51.37	106.2	49.58	99.30	46.04

33. ARUM720LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	127.5	56.12	120.6	52.68	113.4	49.32	109.8	47.67	106.2	46.03	99.30	42.77
	-19.8	-20	127.5	53.35	120.6	50.10	113.4	46.92	109.8	45.35	106.2	43.80	99.30	40.70
	-18.8	-19	127.5	52.03	120.6	48.88	113.4	45.77	109.8	44.24	106.2	42.73	99.30	39.73
	-16.7	-17	127.5	49.45	120.6	46.48	113.4	43.55	109.8	42.09	106.2	40.66	99.30	37.83
	-15	-15.9	127.5	47.86	120.6	44.94	113.4	42.11	109.8	40.68	106.2	39.29	99.30	36.54
	-13.7	-15	127.5	46.40	120.6	43.57	113.4	40.82	109.8	39.46	106.2	38.11	99.30	35.43
	-11.8	-13	127.5	44.35	120.6	41.67	113.4	39.03	109.8	37.75	106.2	36.46	99.30	33.93
	-9.8	-11	127.5	42.28	120.6	39.74	113.4	37.25	109.8	36.03	106.2	34.78	99.30	32.39
	-9.5	-10	127.5	41.40	120.6	38.97	113.4	36.57	109.8	35.39	106.2	34.22	99.30	31.90
	-8.5	-9.1	127.5	40.46	120.6	38.10	113.4	35.75	109.8	34.61	106.2	33.46	99.30	31.18
	-7	-7.6	127.5	38.96	120.6	36.68	113.4	34.43	109.8	33.32	106.2	32.25	99.30	30.08
	-5	-5.6	127.5	37.03	120.6	34.89	113.4	32.75	109.8	31.72	106.2	30.68	99.30	28.65
	-3	-3.7	127.5	35.25	120.6	33.25	113.4	31.25	109.8	30.25	106.2	29.29	99.30	27.36
	0	-0.7	127.5	32.68	120.6	30.82	113.4	29.00	109.8	28.11	106.2	27.22	99.30	25.44
	3	2.2	127.5	30.42	120.6	28.72	113.4	27.04	109.8	26.22	106.2	25.40	99.30	23.79
	5	4.1	127.5	29.00	120.6	27.39	113.4	25.82	109.8	25.04	106.2	24.26	99.30	22.73
	7	6	127.5	27.61	120.6	26.11	113.4	24.61	109.8	23.87	106.2	23.15	99.30	21.70
	9	7.9	127.5	26.29	120.6	24.87	113.4	23.47	109.8	22.76	106.2	22.09	99.30	20.73
	11	9.8	127.5	25.04	120.6	23.69	113.4	22.37	109.8	21.73	106.2	21.09	99.30	19.81
	13	11.8	127.5	23.76	120.6	22.51	113.4	21.27	109.8	20.66	106.2	20.06	99.30	18.85
	15	13.7	127.5	22.62	120.6	21.44	113.4	20.27	109.8	19.70	106.2	19.13	99.30	17.99

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

33. ARUM720LTE6

33.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	135.3	62.51	134.3	63.05	133.2	63.58	132.8	63.83	132.4	64.11	131.4	64.62
	-24.8	-25	157.3	65.72	156.2	66.33	155.2	66.90	154.5	67.19	154.1	67.51	153.0	68.08
	-21.8	-22	171.0	67.58	169.9	68.22	168.8	68.83	168.1	69.15	167.7	69.44	166.3	70.04
	-19.8	-20	180.8	68.83	179.6	69.47	178.2	70.12	177.5	70.44	177.1	70.76	176.0	71.40
	-18.8	-19	185.8	69.44	184.4	70.11	183.3	70.79	182.6	71.11	181.8	71.43	180.7	72.04
	-16.7	-17	195.9	70.72	194.8	71.40	193.4	72.08	192.7	72.43	192.2	72.75	190.8	73.40
	-15	-15.9	202.4	71.44	200.9	72.15	199.5	72.86	198.8	73.18	198.1	73.54	196.9	74.18
	-13.7	-15	207.5	72.08	206.0	72.80	204.9	73.51	204.2	73.87	203.5	74.22	202.4	74.90
	-11.8	-13	218.3	73.33	216.8	74.07	215.4	74.79	214.6	75.15	213.9	75.50	212.5	76.21
	-9.8	-11	230.1	74.64	228.3	75.39	226.9	76.14	226.2	76.50	225.4	76.86	224.0	77.57
	-9.5	-10	235.6	75.25	234.1	76.00	232.6	76.78	231.9	77.14	230.9	77.53	229.4	78.25
	-8.5	-9.1	241.3	75.86	239.5	76.64	238.0	77.39	237.3	77.78	236.6	78.14	234.8	78.89
	-7	-7.6	250.7	76.86	249.2	77.67	247.4	78.46	246.7	78.82	245.6	79.21	244.1	79.96
	-5	-5.6	264.0	78.25	262.2	79.07	260.4	79.85	259.6	80.25	258.6	80.64	256.8	81.42
	-3	-3.7	277.0	79.57	275.2	80.42	273.3	81.24	272.3	81.64	271.5	82.06	258.1	77.52
	0	-0.7	298.6	81.74	296.4	82.60	294.5	83.44	285.5	80.41	276.5	77.29	258.1	71.15
	3	2.2	320.2	83.84	313.2	82.72	294.8	76.83	285.5	73.96	276.5	71.10	258.1	65.53
	5	4.1	313.9	76.78	295.2	71.31	276.8	65.99	267.5	63.38	258.1	60.80	239.4	55.73
	7	6	295.6	65.98	276.9	61.01	258.1	56.19	248.7	53.80	239.1	51.47	220.3	46.87
	9	7.9	276.8	56.04	257.8	51.61	238.7	47.26	229.3	45.15	219.6	43.05	200.5	38.91
	11	9.8	257.4	47.12	238.3	43.19	218.9	39.34	209.2	37.45	199.5	35.56	180.0	31.89
	13	11.8	237.2	39.06	217.8	35.59	198.4	32.21	188.6	30.53	178.9	28.89	158.8	25.65
	15	13.7	216.3	32.06	196.9	29.03	177.1	26.04	167.1	24.58	157.3	23.16	137.1	20.31
120	-30	-30.2	134.6	62.80	133.6	63.33	132.8	63.87	132.4	64.12	131.7	64.37	131.0	64.90
	-24.8	-25	156.6	66.12	155.5	66.69	154.4	67.29	153.7	67.58	153.4	67.86	152.3	68.43
	-21.8	-22	170.3	68.04	169.2	68.65	167.8	69.26	167.4	69.58	166.7	69.87	165.6	70.47
	-19.8	-20	179.7	69.33	178.6	69.97	177.5	70.61	176.8	70.93	176.1	71.22	175.0	71.86
	-18.8	-19	184.7	69.97	183.6	70.62	182.2	71.29	181.5	71.61	181.1	71.90	179.7	72.54
	-16.7	-17	194.8	71.29	193.7	71.97	192.3	72.65	191.6	72.97	191.2	73.29	189.8	73.93
	-15	-15.9	200.9	72.04	199.8	72.75	198.4	73.43	197.7	73.76	197.0	74.11	195.8	74.75
	-13.7	-15	206.4	72.72	204.9	73.44	203.8	74.12	203.1	74.47	202.4	74.80	201.3	75.47
	-11.8	-13	217.1	74.01	215.7	74.75	214.2	75.46	213.5	75.79	212.8	76.14	211.4	76.82
	-9.8	-11	228.7	75.39	226.9	76.14	225.4	76.86	224.7	77.22	224.0	77.57	222.5	78.28
	-9.5	-10	234.1	76.04	232.6	76.79	230.8	77.53	230.1	77.89	229.4	78.25	227.9	78.96
	-8.5	-9.1	239.5	76.68	238.0	77.43	236.3	78.18	235.5	78.54	234.8	78.92	233.3	79.64
	-7	-7.6	248.9	77.75	247.4	78.50	245.6	79.28	244.9	79.64	244.1	80.03	238.0	78.68
	-5	-5.6	261.8	79.18	260.0	79.99	258.2	80.78	257.5	81.14	255.2	80.82	238.0	74.38
	-3	-3.7	274.8	80.60	273.0	81.42	271.1	82.21	263.5	79.59	255.2	76.52	238.0	70.47
	0	-0.7	295.7	82.88	289.1	81.62	272.2	75.86	263.5	73.01	255.2	70.22	238.0	64.75
	3	2.2	306.0	80.44	289.1	75.07	272.2	69.81	263.5	67.24	255.2	64.70	238.0	59.70
	5	4.1	289.8	69.71	272.5	64.84	255.6	60.06	246.9	57.73	238.3	55.41	221.0	50.88
	7	6	272.9	59.98	255.6	55.55	238.3	51.23	229.7	49.09	220.7	47.01	203.4	42.87
	9	7.9	255.6	51.05	238.0	47.08	220.3	43.20	211.7	41.30	202.7	39.41	185.0	35.70
	11	9.8	237.6	43.05	219.9	39.52	202.0	36.06	193.3	34.35	184.3	32.67	166.3	29.35
	13	11.8	218.9	35.77	201.2	32.67	183.2	29.61	174.2	28.11	164.9	26.61	146.5	23.69

33. ARUM720LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	199.8	29.46	181.8	26.72	163.4	24.05	154.4	22.73	145.1	21.45	126.4	18.85
110	-30	-30.2	133.9	63.15	133.2	63.69	132.1	64.19	131.7	64.47	131.3	64.72	130.3	65.22
	-24.8	-25	155.9	66.58	154.8	67.15	153.7	67.72	153.0	68.01	152.6	68.29	151.5	68.83
	-21.8	-22	169.2	68.58	168.1	69.18	167.0	69.79	166.3	70.08	165.9	70.36	164.9	70.97
	-19.8	-20	178.6	69.90	177.5	70.54	176.4	71.15	175.7	71.47	175.3	71.79	173.9	72.36
	-18.8	-19	183.6	70.58	182.2	71.22	181.1	71.86	180.4	72.18	180.0	72.47	178.9	73.11
	-16.7	-17	193.7	71.97	192.3	72.61	191.2	73.29	190.5	73.61	189.8	73.93	188.6	74.54
	-15	-15.9	199.5	72.76	198.4	73.43	197.0	74.11	196.3	74.43	195.8	74.75	194.4	75.39
	-13.7	-15	204.9	73.44	203.5	74.15	202.4	74.83	201.7	75.19	201.0	75.51	199.9	76.15
	-11.8	-13	215.4	74.82	213.9	75.54	212.5	76.22	211.7	76.57	211.3	76.89	209.9	77.57
	-9.8	-11	226.8	76.25	225.1	77.00	223.6	77.71	222.9	78.04	222.2	78.39	218.2	77.73
	-9.5	-10	232.3	76.93	230.8	77.68	229.0	78.39	228.3	78.75	227.6	79.10	218.2	75.79
	-8.5	-9.1	237.7	77.61	235.9	78.36	234.4	79.07	233.7	79.46	233.0	79.79	218.2	73.93
	-7	-7.6	246.7	78.75	245.2	79.50	243.4	80.25	241.6	80.07	234.0	77.00	218.2	70.95
	-5	-5.6	259.3	80.28	257.8	81.06	249.5	78.64	241.6	75.70	234.0	72.80	218.2	67.12
	-3	-3.7	272.2	81.78	265.0	80.13	249.5	74.48	241.6	71.72	234.0	68.97	218.2	63.64
	0	-0.7	280.8	78.73	265.0	73.50	249.5	68.39	241.6	65.89	234.0	63.39	218.2	58.53
	3	2.2	280.8	72.42	265.0	67.67	249.5	63.02	241.6	60.74	234.0	58.48	218.2	54.05
	5	4.1	265.7	62.88	249.9	58.56	234.0	54.34	226.4	52.27	218.5	50.20	202.7	46.16
	7	6	250.2	54.19	234.4	50.26	218.5	46.41	210.3	44.55	202.3	42.66	186.5	38.99
	9	7.9	234.3	46.23	218.2	42.70	202.0	39.27	194.0	37.56	185.8	35.88	169.6	32.56
	11	9.8	217.8	39.09	201.6	35.95	185.4	32.85	177.1	31.35	168.8	29.85	152.3	26.86
	13	11.8	200.5	32.60	184.3	29.82	167.8	27.11	159.5	25.76	151.2	24.44	134.6	21.80
	15	13.7	182.9	26.93	166.3	24.51	149.8	22.09	141.5	20.92	132.9	19.74	115.9	17.46
100	-30	-30.2	133.2	63.58	132.4	64.08	131.4	64.61	131.0	64.86	130.6	65.11	129.6	65.61
	-24.8	-25	154.8	67.12	153.7	67.69	152.6	68.26	152.2	68.51	151.6	68.79	150.8	69.33
	-21.8	-22	168.1	69.19	167.0	69.79	165.9	70.37	165.2	70.68	164.9	70.97	163.8	71.54
	-19.8	-20	177.5	70.58	176.1	71.22	175.0	71.83	174.6	72.11	173.9	72.43	172.8	73.00
	-18.8	-19	182.2	71.29	181.1	71.93	179.7	72.54	179.3	72.86	178.6	73.15	177.5	73.75
	-16.7	-17	192.2	72.75	190.8	73.40	189.7	74.04	189.0	74.36	188.3	74.65	187.2	75.25
	-15	-15.9	198.0	73.58	196.6	74.25	195.5	74.90	194.8	75.22	194.1	75.54	193.0	76.14
	-13.7	-15	203.2	74.33	202.0	75.01	200.9	75.69	200.2	76.01	199.5	76.33	198.4	76.95
	-11.8	-13	213.5	75.75	212.1	76.43	210.7	77.11	209.9	77.46	209.5	77.78	198.4	73.30
	-9.8	-11	224.7	77.28	223.2	78.00	221.8	78.68	219.6	78.34	212.7	75.36	198.4	69.49
	-9.5	-10	230.1	78.00	228.3	78.71	226.8	79.33	219.6	76.36	212.7	73.46	198.4	67.77
	-8.5	-9.1	235.2	78.71	233.7	79.43	226.8	77.36	219.6	74.50	212.7	71.67	198.4	66.13
	-7	-7.6	244.2	79.92	240.9	79.79	226.8	74.24	219.6	71.49	212.7	68.80	198.4	63.48
	-5	-5.6	255.2	80.82	240.9	75.45	226.8	70.20	219.6	67.65	212.7	65.08	198.4	60.11
	-3	-3.7	255.2	76.52	240.9	71.47	226.8	66.54	219.6	64.11	212.7	61.72	198.4	57.03
	0	-0.7	255.2	70.22	240.9	65.64	226.8	61.17	219.6	58.96	212.7	56.81	198.4	52.52
	3	2.2	255.2	64.70	240.9	60.52	226.8	56.45	219.6	54.45	212.7	52.45	198.4	48.56
	5	4.1	241.5	56.30	227.2	52.52	212.8	48.80	205.6	46.98	198.4	45.16	184.0	41.59
	7	6	227.5	48.59	213.1	45.16	198.4	41.77	191.2	40.12	184.0	38.45	169.5	35.21
	9	7.9	213.1	41.59	198.4	38.48	183.6	35.42	176.4	33.92	168.9	32.45	154.1	29.53
	11	9.8	198.0	35.24	183.2	32.49	168.5	29.75	160.9	28.43	153.4	27.08	138.6	24.47
	13	11.8	182.5	29.50	167.7	27.04	152.6	24.65	145.1	23.44	137.5	22.27	122.4	19.95
	15	13.7	166.3	24.48	151.2	22.31	136.1	20.20	128.5	19.17	120.9	18.11	105.5	16.08

33. ARUM720LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	132.4	64.08	131.4	64.58	130.6	65.08	130.3	65.33	129.6	65.58	128.8	66.05
	-24.8	-25	153.7	67.76	152.6	68.33	151.5	68.86	151.2	69.15	150.5	69.40	149.4	69.93
	-21.8	-22	166.7	69.94	165.6	70.51	164.5	71.11	163.8	71.40	163.4	71.65	162.4	72.22
	-19.8	-20	175.7	71.40	174.6	72.01	173.5	72.61	173.1	72.90	172.4	73.18	171.3	73.75
	-18.8	-19	180.7	72.15	179.3	72.79	178.2	73.36	177.5	73.68	177.1	73.97	176.0	74.54
	-16.7	-17	190.4	73.68	189.0	74.32	187.9	74.93	187.2	75.25	186.5	75.54	178.6	72.20
	-15	-15.9	196.2	74.57	194.8	75.22	193.7	75.86	193.0	76.15	191.2	75.92	178.6	70.05
	-13.7	-15	201.3	75.37	200.2	76.04	198.8	76.69	197.7	76.69	191.2	73.75	178.6	67.99
	-11.8	-13	211.3	76.86	209.9	77.54	204.1	75.77	197.7	73.01	191.2	70.25	178.6	64.85
	-9.8	-11	222.1	78.50	216.7	77.15	204.1	71.82	197.7	69.21	191.2	66.60	178.6	61.52
	-9.5	-10	227.2	79.25	216.7	75.22	204.1	70.03	197.7	67.49	191.2	64.95	178.6	60.02
	-8.5	-9.1	229.7	78.51	216.7	73.36	204.1	68.34	197.7	65.84	191.2	63.41	178.6	58.58
	-7	-7.6	229.7	75.35	216.7	70.41	204.1	65.59	197.7	63.23	191.2	60.90	178.6	56.29
	-5	-5.6	229.7	71.23	216.7	66.62	204.1	62.08	197.7	59.86	191.2	57.68	178.6	53.32
	-3	-3.7	229.7	67.51	216.7	63.18	204.1	58.89	197.7	56.78	191.2	54.71	178.6	50.64
	0	-0.7	229.7	62.06	216.7	58.10	204.1	54.24	197.7	52.31	191.2	50.42	178.6	46.70
	3	2.2	229.7	57.27	216.7	53.66	204.1	50.13	197.7	48.38	191.2	46.66	178.6	43.27
	5	4.1	217.4	49.95	204.5	46.66	191.5	43.44	185.1	41.84	178.6	40.27	165.6	37.13
	7	6	204.8	43.20	191.9	40.20	178.6	37.27	172.1	35.81	165.6	34.38	152.6	31.56
	9	7.9	191.5	37.06	178.6	34.38	165.3	31.71	158.8	30.42	152.3	29.11	138.9	26.54
	11	9.8	178.2	31.53	164.9	29.11	151.6	26.75	144.7	25.58	138.2	24.40	124.6	22.12
	13	11.8	164.2	26.50	150.8	24.37	137.5	22.23	130.7	21.20	123.8	20.17	110.1	18.14
	15	13.7	149.8	22.09	136.1	20.20	122.7	18.35	115.6	17.43	108.7	16.51	94.70	14.73
80	-30	-30.2	131.4	64.69	130.3	65.19	129.6	65.68	129.2	65.90	128.8	66.15	127.8	66.61
	-24.8	-25	152.2	68.54	151.2	69.11	150.1	69.65	149.7	69.90	149.0	70.15	148.3	70.68
	-21.8	-22	164.9	70.86	163.8	71.43	162.7	71.97	162.3	72.25	161.7	72.54	158.8	71.80
	-19.8	-20	173.9	72.40	172.8	73.00	171.7	73.57	171.0	73.86	169.9	73.80	158.8	68.17
	-18.8	-19	178.6	73.22	177.5	73.79	176.4	74.39	175.7	74.68	169.9	71.93	158.8	66.45
	-16.7	-17	188.0	74.82	186.8	75.43	181.4	73.53	175.7	70.88	169.9	68.26	158.8	63.08
	-15	-15.9	193.7	75.78	192.6	76.39	181.4	71.34	175.7	68.76	169.9	66.22	158.8	61.20
	-13.7	-15	198.8	76.65	192.6	74.40	181.4	69.25	175.7	66.71	169.9	64.20	158.8	59.30
	-11.8	-13	204.1	75.77	192.6	70.86	181.4	66.03	175.7	63.66	169.9	61.33	158.8	56.65
	-9.8	-11	204.1	71.82	192.6	67.17	181.4	62.66	175.7	60.41	169.9	58.19	158.8	53.87
	-9.5	-10	204.1	70.03	192.6	65.52	181.4	61.12	175.7	58.94	169.9	56.79	158.8	52.57
	-8.5	-9.1	204.1	68.34	192.6	63.94	181.4	59.65	175.7	57.54	169.9	55.44	158.8	51.32
	-7	-7.6	204.1	65.59	192.6	61.40	181.4	57.29	175.7	55.29	169.9	53.28	158.8	49.32
	-5	-5.6	204.1	62.08	192.6	58.14	181.4	54.28	175.7	52.39	169.9	50.50	158.8	46.78
	-3	-3.7	204.1	58.89	192.6	55.17	181.4	51.53	175.7	49.74	169.9	47.99	158.8	44.49
	0	-0.7	204.1	54.24	192.6	50.85	181.4	47.52	175.7	45.91	169.9	44.28	158.8	41.10
	3	2.2	204.1	50.13	192.6	47.02	181.4	44.02	175.7	42.52	169.9	41.03	158.8	38.13
	5	4.1	193.3	43.84	181.8	41.02	170.3	38.24	164.5	36.88	158.8	35.49	147.3	32.82
	7	6	181.8	38.02	170.3	35.45	158.8	32.92	153.0	31.67	147.2	30.43	135.4	28.00
	9	7.9	170.3	32.71	158.7	30.39	146.9	28.11	141.1	27.00	135.3	25.87	123.5	23.66
	11	9.8	158.4	27.93	146.5	25.86	134.7	23.83	128.9	22.80	122.8	21.80	110.9	19.81
	13	11.8	145.8	23.59	133.9	21.73	122.0	19.92	115.9	19.03	110.1	18.14	97.90	16.36
	15	13.7	133.2	19.78	121.0	18.14	109.1	16.54	102.9	15.76	96.80	14.94	84.30	13.38
70	-30	-30.2	129.9	65.47	129.2	65.94	128.1	66.40	127.8	66.65	127.4	66.90	126.7	67.33

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	150.1	69.54	149.4	70.08	148.3	70.58	147.9	70.83	147.5	71.08	138.9	66.62
	-21.8	-22	162.7	72.00	161.6	72.54	158.8	71.80	153.7	69.22	148.7	66.68	138.9	61.70
	-19.8	-20	171.7	73.65	168.8	73.11	158.8	68.17	153.7	65.74	148.7	63.34	138.9	58.62
	-18.8	-19	176.0	74.50	168.8	71.21	158.8	66.45	153.7	64.09	148.7	61.76	138.9	57.15
	-16.7	-17	178.6	72.21	168.8	67.59	158.8	63.08	153.7	60.86	148.7	58.64	138.9	54.31
	-15	-15.9	178.6	70.05	168.8	65.58	158.8	61.20	153.7	59.02	148.7	56.84	138.9	52.59
	-13.7	-15	178.6	67.99	168.8	63.59	158.8	59.30	153.7	57.19	148.7	55.08	138.9	50.97
	-11.8	-13	178.6	64.85	168.8	60.72	158.8	56.65	153.7	54.61	148.7	52.64	138.9	48.71
	-9.8	-11	178.6	61.52	168.8	57.66	158.8	53.87	153.7	51.97	148.7	50.14	138.9	46.45
	-9.5	-10	178.6	60.02	168.8	56.26	158.8	52.57	153.7	50.75	148.7	48.93	138.9	45.39
	-8.5	-9.1	178.6	58.58	168.8	54.93	158.8	51.32	153.7	49.54	148.7	47.79	138.9	44.32
	-7	-7.6	178.6	56.29	168.8	52.79	158.8	49.32	153.7	47.64	148.7	45.96	138.9	42.64
	-5	-5.6	178.6	53.32	168.8	50.03	158.8	46.81	153.7	45.21	148.7	43.63	138.9	40.50
	-3	-3.7	178.6	50.64	168.8	47.53	158.8	44.49	153.7	42.99	148.7	41.49	138.9	38.53
	0	-0.7	178.6	46.70	168.8	43.88	158.8	41.10	153.7	39.74	148.7	38.38	138.9	35.67
	3	2.2	178.6	43.27	168.8	40.67	158.8	38.13	153.7	36.88	148.7	35.63	138.9	33.17
	5	4.1	169.2	37.95	159.1	35.56	149.0	33.21	144.0	32.06	139.0	30.92	128.9	28.64
	7	6	159.1	32.99	149.1	30.85	139.0	28.71	133.9	27.65	128.9	26.61	118.5	24.55
	9	7.9	149.0	28.53	138.9	26.57	128.5	24.65	123.5	23.69	118.4	22.73	108.0	20.88
	11	9.8	138.6	24.47	128.2	22.73	118.1	20.98	112.7	20.13	107.6	19.28	96.90	17.57
	13	11.8	127.8	20.77	117.4	19.21	106.9	17.68	101.5	16.90	96.10	16.15	85.70	14.65
	15	13.7	116.6	17.53	105.9	16.15	95.40	14.77	90.00	14.09	84.60	13.45	73.80	12.10
60	-30	-30.2	128.1	66.47	127.4	66.93	126.6	67.36	126.0	67.61	125.6	67.83	119.1	64.02
	-24.8	-25	147.9	70.82	144.7	69.70	136.1	65.08	131.8	62.82	127.5	60.56	119.1	56.09
	-21.8	-22	153.0	68.86	144.7	64.53	136.1	60.30	131.8	58.19	127.5	56.12	119.1	52.00
	-19.8	-20	153.0	65.41	144.7	61.33	136.1	57.29	131.8	55.32	127.5	53.35	119.1	49.46
	-18.8	-19	153.0	63.76	144.7	59.76	136.1	55.86	131.8	53.93	127.5	52.03	119.1	48.24
	-16.7	-17	153.0	60.54	144.7	56.78	136.1	53.06	131.8	51.24	127.5	49.45	119.1	45.87
	-15	-15.9	153.0	58.70	144.7	55.02	136.1	51.40	131.8	49.62	127.5	47.86	119.1	44.36
	-13.7	-15	153.0	56.90	144.7	53.33	136.1	49.83	131.8	48.11	127.5	46.40	119.1	43.04
	-11.8	-13	153.0	54.33	144.7	50.93	136.1	47.61	131.8	45.96	127.5	44.35	119.1	41.14
	-9.8	-11	153.0	51.72	144.7	48.56	136.1	45.39	131.8	43.82	127.5	42.28	119.1	39.24
	-9.5	-10	153.0	50.47	144.7	47.40	136.1	44.39	131.8	42.89	127.5	41.40	119.1	38.50
	-8.5	-9.1	153.0	49.29	144.7	46.29	136.1	43.36	131.8	41.89	127.5	40.46	119.1	37.61
	-7	-7.6	153.0	47.39	144.7	44.53	136.1	41.71	131.8	40.32	127.5	38.96	119.1	36.22
	-5	-5.6	153.0	44.96	144.7	42.28	136.1	39.64	131.8	38.32	127.5	37.03	119.1	34.46
	-3	-3.7	153.0	42.78	144.7	40.21	136.1	37.71	131.8	36.49	127.5	35.25	119.1	32.82
	0	-0.7	153.0	39.53	144.7	37.21	136.1	34.92	131.8	33.78	127.5	32.67	119.1	30.46
	3	2.2	153.0	36.70	144.7	34.56	136.1	32.46	131.8	31.43	127.5	30.42	119.1	28.39
	5	4.1	144.7	32.28	136.4	30.32	127.8	28.39	123.5	27.43	119.2	26.50	110.5	24.62
	7	6	136.4	28.18	127.8	26.40	119.2	24.65	114.8	23.80	110.5	22.94	101.5	21.23
	9	7.9	127.8	24.48	119.1	22.87	110.2	21.27	105.8	20.49	101.5	19.70	92.50	18.17
	11	9.8	118.8	21.13	109.8	19.67	101.1	18.24	96.50	17.53	92.20	16.82	83.20	15.43
	13	11.8	109.4	18.07	100.5	16.75	91.50	15.47	87.10	14.83	82.50	14.23	73.40	12.95
	15	13.7	99.70	15.36	90.70	14.20	81.70	13.06	77.10	12.52	72.40	11.96	63.30	10.85
50	-30	-30.2	125.6	67.79	120.6	64.88	113.4	60.66	109.8	58.58	106.2	56.50	99.30	52.42
	-24.8	-25	127.5	60.56	120.6	56.84	113.4	53.19	109.8	51.37	106.2	49.58	99.30	46.04

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	127.5	56.12	120.6	52.68	113.4	49.32	109.8	47.67	106.2	46.03	99.30	42.77
	-19.8	-20	127.5	53.35	120.6	50.10	113.4	46.92	109.8	45.35	106.2	43.80	99.30	40.70
	-18.8	-19	127.5	52.03	120.6	48.88	113.4	45.77	109.8	44.24	106.2	42.73	99.30	39.73
	-16.7	-17	127.5	49.45	120.6	46.48	113.4	43.55	109.8	42.09	106.2	40.66	99.30	37.83
	-15	-15.9	127.5	47.86	120.6	44.94	113.4	42.11	109.8	40.68	106.2	39.29	99.30	36.54
	-13.7	-15	127.5	46.40	120.6	43.57	113.4	40.82	109.8	39.46	106.2	38.11	99.30	35.43
	-11.8	-13	127.5	44.35	120.6	41.67	113.4	39.03	109.8	37.75	106.2	36.46	99.30	33.93
	-9.8	-11	127.5	42.28	120.6	39.74	113.4	37.25	109.8	36.03	106.2	34.78	99.30	32.39
	-9.5	-10	127.5	41.40	120.6	38.97	113.4	36.57	109.8	35.39	106.2	34.22	99.30	31.90
	-8.5	-9.1	127.5	40.46	120.6	38.10	113.4	35.75	109.8	34.61	106.2	33.46	99.30	31.18
	-7	-7.6	127.5	38.96	120.6	36.68	113.4	34.43	109.8	33.32	106.2	32.25	99.30	30.08
	-5	-5.6	127.5	37.03	120.6	34.89	113.4	32.75	109.8	31.72	106.2	30.68	99.30	28.65
	-3	-3.7	127.5	35.25	120.6	33.25	113.4	31.25	109.8	30.25	106.2	29.29	99.30	27.36
	0	-0.7	127.5	32.68	120.6	30.82	113.4	29.00	109.8	28.11	106.2	27.22	99.30	25.44
	3	2.2	127.5	30.42	120.6	28.72	113.4	27.04	109.8	26.22	106.2	25.40	99.30	23.79
	5	4.1	120.6	26.86	113.7	25.29	106.5	23.76	102.9	23.01	99.30	22.23	92.10	20.74
	7	6	113.8	23.58	106.6	22.16	99.30	20.77	95.70	20.06	92.10	19.38	84.60	18.00
	9	7.9	106.5	20.60	99.30	19.31	91.80	18.03	88.20	17.42	84.60	16.79	77.10	15.54
	11	9.8	99.00	17.92	91.80	16.75	84.20	15.58	80.60	15.01	76.70	14.44	69.10	13.34
	13	11.8	91.10	15.44	83.90	14.40	76.30	13.37	72.40	12.84	68.80	12.35	61.20	11.35
	15	13.7	83.20	13.27	75.60	12.34	68.10	11.42	64.40	10.96	60.50	10.50	52.60	9.61

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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33.5 Capacity Correction Factor

33.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-100	-	-	-	-	-	-	-	-	-	-	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-90	-	-	-	-	-	-	-	-	-	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-80	-	-	-	-	-	-	-	-	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-70	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-60	-	-	-	-	-	-	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-50	-	-	-	-	-	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0
-40	-	-	-	-	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-30	-	-	-	96.0	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-20	-	-	98.0	96.0	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
50	-	-	-	-	-	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
60	-	-	-	-	-	-	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0
70	-	-	-	-	-	-	-	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
100	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
110	-	-	-	-	-	-	-	-	-	-	-	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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33.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

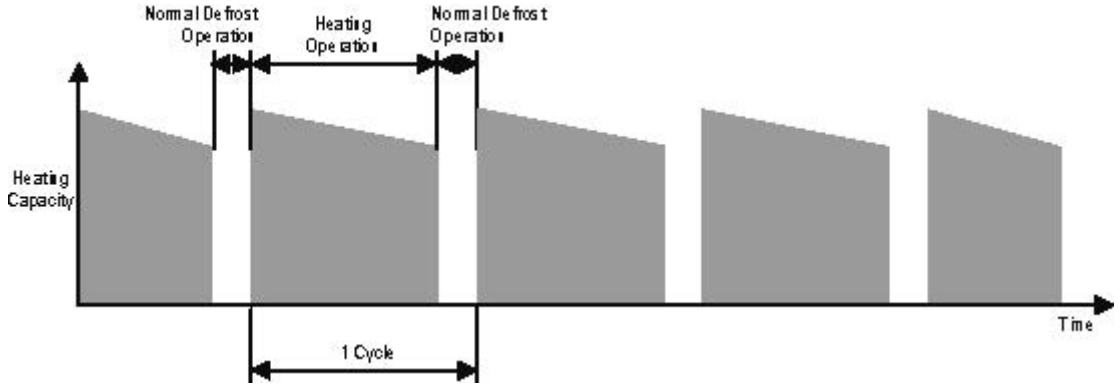
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- Integrated heating capacity = A
- Value given in table of capacity characteristics = B
- Integrated correction factor for frost accumulation = C
- A = B x C

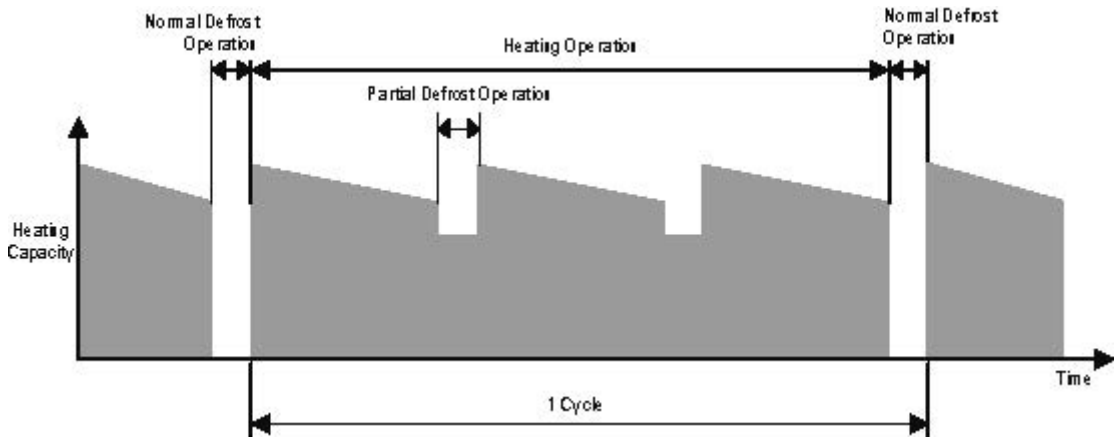
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

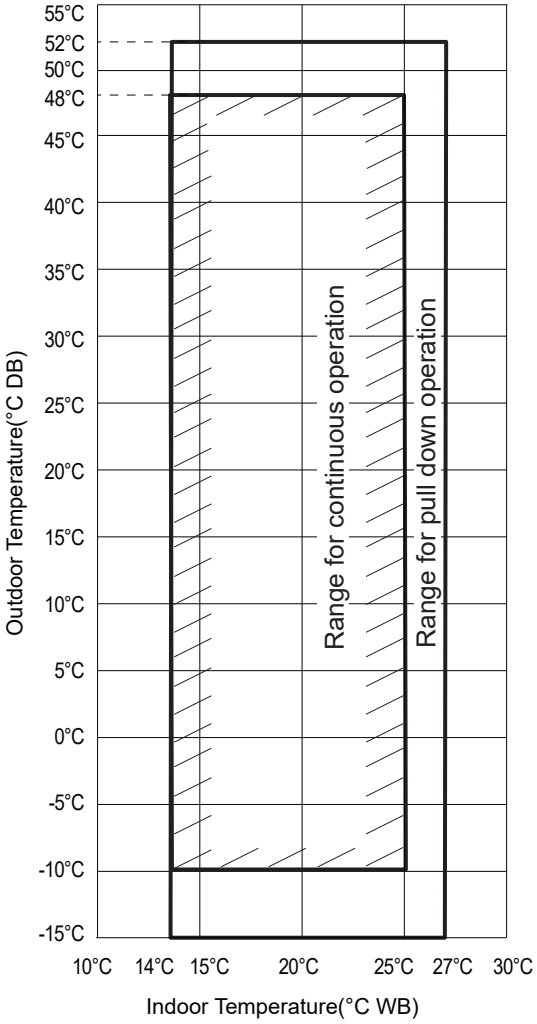


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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33.6 Operation Limits

33.6.1 Cooling

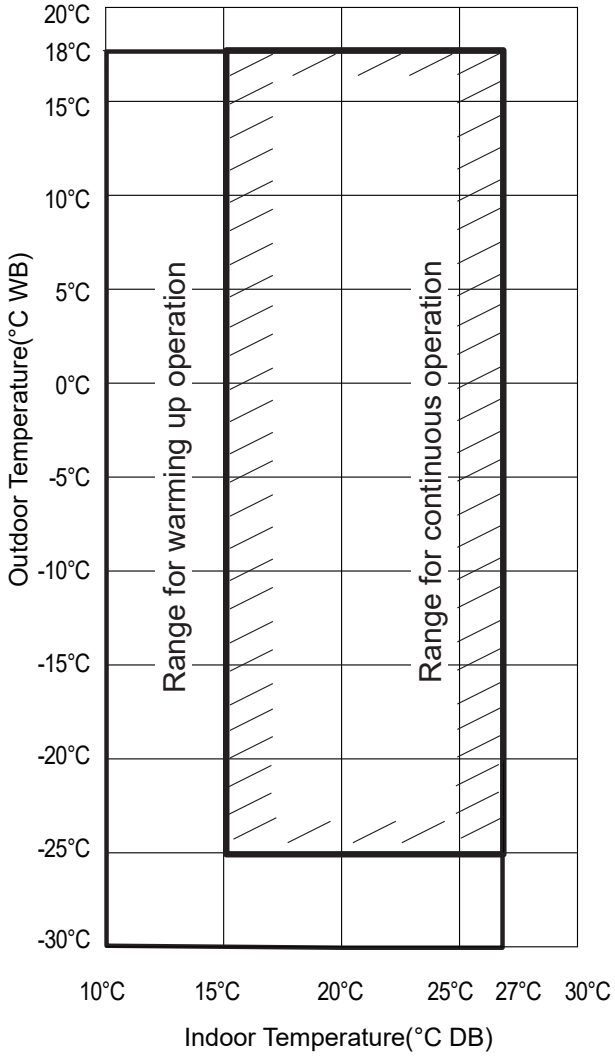


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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33.6.2 Heating

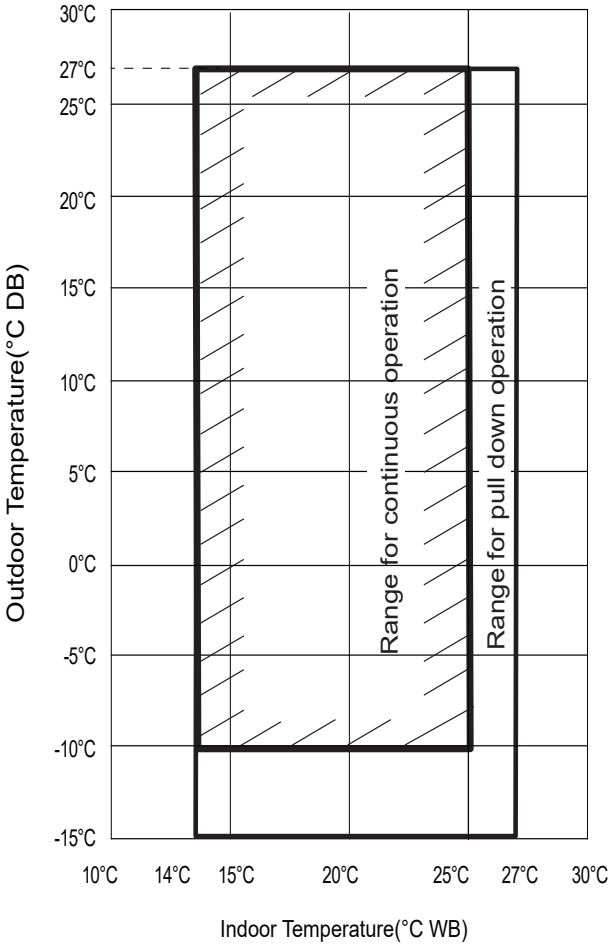


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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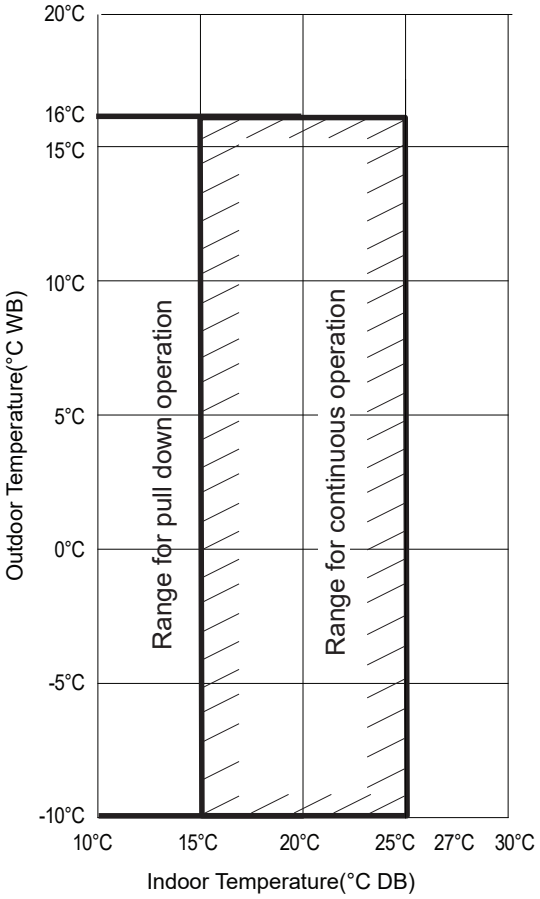
33.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

33.6.4 Simultaneous Operation (Heating)



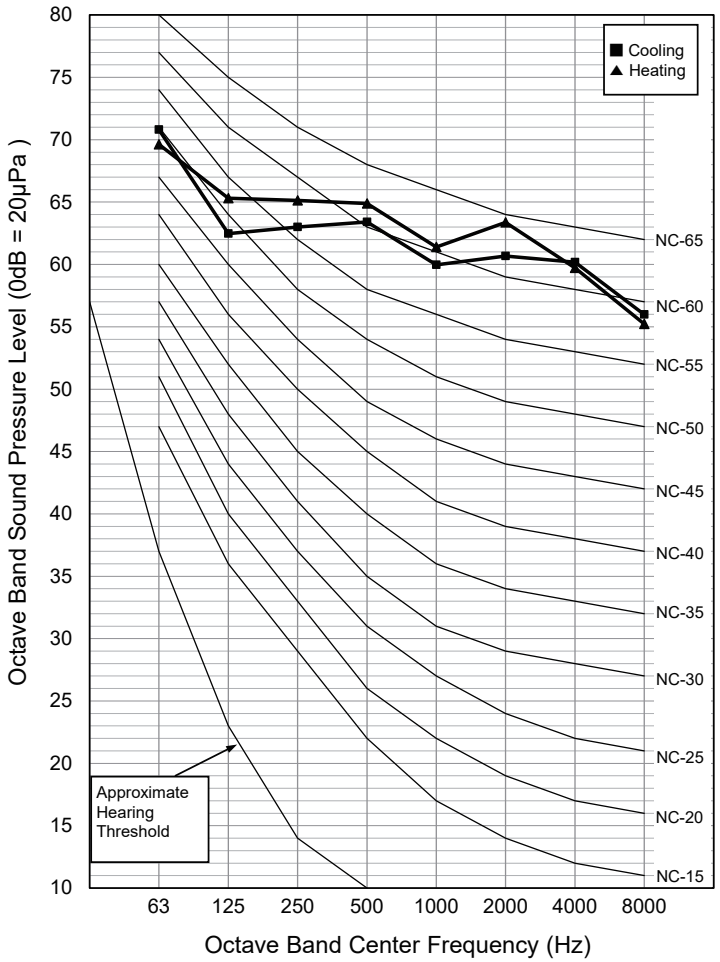
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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33.7 Sound Levels

33.7.1 Pressure Levels



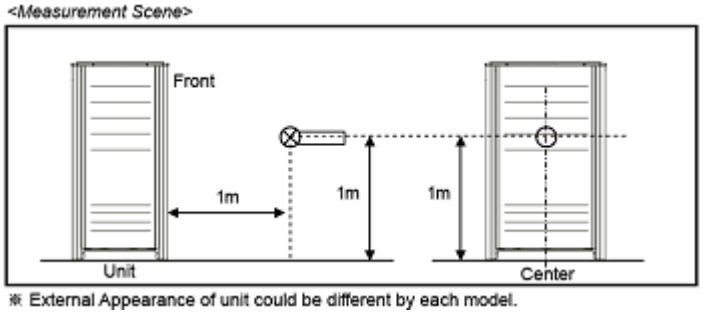
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	70.8	62.5	63.0	63.4	60.0	60.7	60.2	56.0
Heating[dB]	69.6	65.3	65.1	64.9	61.4	63.4	59.7	55.2

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	67.4 / 68.9

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

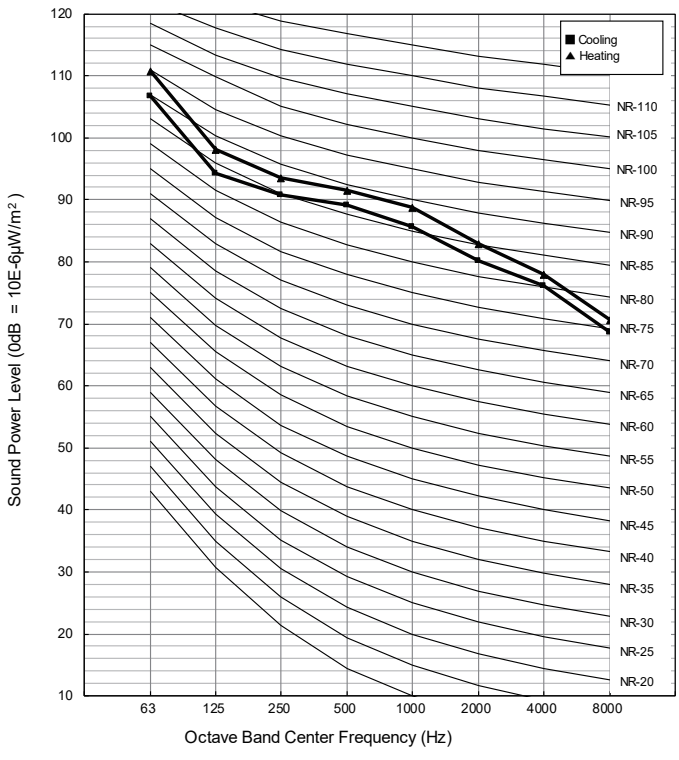
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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33.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	106.7	94.3	90.8	89.1	85.6	80.1	76.1	68.7	91.1
Heating [dB]	110.7	98.1	90.8	89.1	85.6	80.1	76.1	68.7	94.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.1 / 94.1

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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34.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM140LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 456
	Running Current by Voltage (Cooling,Rated)	A	105.37 - 100.11 - 96.49
	Running Current by Voltage (Heating,Rated)	A	75.72 - 71.94 - 69.34
Cooling Capacity	Rated	kW	207.2
		Btu/h	707,000
Heating Capacity	Rated	kW	207.2
		Btu/h	707,000
	Max	kW	233.1
		Btu/h	795,400
Power Input(Cooling)	Rated	kW	64.50
Power Input(Heating)	Rated	kW	46.35
Efficiency	EER(Rated)	W/W	3.21
	COP(Rated)	W/W	4.47
	SEER	Wh/Wh	8.45
	SCOP	Wh/Wh	5.14
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 7
	Number of Revolution	rev./min	3,600 x 7
	Motor Output	W x No.	5,300 x 7
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 4
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 4
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1) + (255 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1) + (265 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	61.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	127.338
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	67.6 / 69.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.2 / 94.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	168.7
	Maximum Fuse Amperes (MFA)	A	200
	Total Over Current Amperes (TOCA)	A	186.0
	Comp_Maximum Starting Current (MSC)	A	41.3
	Comp_Rated Load Amperes (Cooling)	A	95.4
	Comp_Rated Load Amperes (Heating)	A	65.7
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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34.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied
- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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34.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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34.4 Capacity Tables

34.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	161.7	16.46	204.3	22.80	250.1	33.20	269.3	38.68	290.8	45.88	309.3	52.05	323.5	56.89
	12	161.7	17.96	204.3	25.13	250.1	36.46	269.3	42.34	290.8	49.95	309.3	56.01	323.4	60.78
	14	161.7	19.64	204.3	27.67	250.1	40.03	269.3	46.34	290.8	54.31	309.3	60.35	323.3	65.03
	16	161.7	21.51	204.3	30.50	250.1	43.95	269.3	50.71	290.8	58.87	309.3	65.01	323.1	69.67
	18	161.7	23.59	204.3	33.60	250.1	48.20	269.3	55.49	290.8	63.77	309.3	69.60	322.8	73.35
	20	161.7	25.88	204.3	36.97	250.1	52.87	269.3	60.52	290.8	67.67	309.3	72.96	322.5	76.57
	21	161.7	27.12	204.3	38.81	250.1	55.24	269.3	62.39	290.8	69.44	309.3	74.72	322.3	78.26
	23	161.7	29.81	204.3	42.68	250.1	58.90	269.3	66.40	290.8	73.09	309.3	78.21	321.8	81.68
	25	161.7	32.72	204.3	45.97	250.1	62.70	269.3	70.22	290.8	76.65	308.8	81.76	321.3	85.33
	27	161.7	35.41	204.3	49.12	250.1	66.55	269.3	73.90	290.8	80.53	308.2	85.69	320.8	89.45
	29	161.7	37.84	204.3	52.29	250.1	70.67	269.3	77.86	290.8	84.72	307.7	90.06	320.2	94.06
	31	161.7	40.31	204.3	55.69	250.1	75.20	269.3	82.15	290.8	89.34	307.0	95.01	319.5	99.38
	33	161.7	42.96	204.3	59.34	250.1	79.89	269.3	86.79	290.3	94.40	303.6	99.49	304.4	99.64
	35	161.7	45.76	204.3	63.25	250.1	84.51	269.3	91.90	285.7	98.34	286.7	98.52	287.5	98.65
	37	161.7	48.77	204.3	67.46	250.1	89.57	266.9	96.58	268.1	96.84	267.8	96.80	267.8	96.77
	39	161.7	51.96	204.3	71.91	248.0	94.17	248.2	94.26	248.3	94.22	248.2	94.27	248.2	94.26
	41	161.7	55.38	204.3	76.77	229.6	91.40	229.2	91.36	229.2	91.29	228.9	91.21	229.2	91.35
	43	161.7	59.08	204.3	82.11	211.0	86.16	210.6	86.16	210.6	86.05	210.6	86.16	210.4	86.02
	46	161.7	65.13	184.8	78.57	184.4	78.49	184.4	78.53	184.4	78.48	184.1	78.38	184.4	78.51
	48	161.7	69.61	168.1	73.38	167.7	73.31	167.8	73.29	168.1	73.46	167.7	73.38	167.7	73.35
	50	152.9	68.96	152.6	68.85	152.2	68.72	152.2	68.78	152.2	68.70	151.9	68.64	151.9	68.63
	52	135.2	60.75	136.6	58.23	137.5	55.75	137.5	55.21	137.5	54.65	137.5	54.12	137.5	53.78
120	10	149.5	15.09	188.7	20.12	230.9	28.32	248.6	32.80	268.6	38.47	285.6	43.99	298.9	48.68
	12	149.5	16.38	188.7	22.13	230.9	31.21	248.6	36.06	268.6	42.12	285.6	47.99	298.9	52.61
	14	149.5	17.84	188.7	24.35	230.9	34.38	248.6	39.60	268.6	46.09	285.6	52.33	298.9	56.88
	16	149.5	19.46	188.7	26.79	230.9	37.83	248.6	43.45	268.6	50.43	285.6	57.07	298.9	61.50
	18	149.5	21.28	188.7	29.51	230.9	41.64	248.6	47.68	268.6	55.21	285.6	61.96	298.9	66.50
	20	149.5	23.29	188.7	32.48	230.9	45.78	248.6	52.31	268.6	60.25	285.6	66.08	298.9	69.96
	21	149.5	24.35	188.7	34.07	230.9	48.00	248.6	54.71	268.6	62.11	285.6	67.85	298.9	71.75
	23	149.5	26.72	188.7	37.48	230.9	51.95	248.6	58.34	268.6	66.12	285.6	71.55	298.9	75.36
	25	149.5	29.30	188.7	40.85	230.9	55.48	248.6	62.15	268.6	70.00	285.6	75.10	298.9	78.95
	27	149.5	31.96	188.7	43.76	230.9	58.95	248.6	65.94	268.6	73.69	285.6	78.91	298.9	82.86
	29	149.5	34.18	188.7	46.59	230.9	62.65	248.6	70.03	268.6	77.62	285.6	83.06	298.7	87.11
	31	149.5	36.40	188.7	49.63	230.9	66.62	248.6	74.50	268.6	81.88	285.6	87.59	298.1	91.79
	33	149.5	38.77	188.7	52.86	230.9	70.90	248.6	79.34	268.6	86.52	285.6	92.59	297.4	97.07
	35	149.5	41.31	188.7	56.33	230.9	75.56	248.6	83.93	268.6	91.63	285.1	98.12	286.5	98.53
	37	149.5	44.03	188.7	60.06	230.9	80.66	248.6	88.95	267.1	96.61	268.1	96.83	267.8	96.78
	39	149.5	46.90	188.7	64.06	230.9	86.33	247.7	94.12	248.5	94.30	248.2	94.29	248.2	94.23
	41	149.5	49.98	188.7	68.39	229.4	91.33	229.3	91.34	229.2	91.27	228.9	91.23	229.0	91.25
	43	149.5	53.29	188.7	73.12	211.0	86.22	211.0	86.16	210.6	86.06	210.7	86.10	210.6	86.15
	46	149.5	58.70	184.7	78.64	184.4	78.42	184.4	78.42	184.4	78.49	184.4	78.44	184.4	78.41
	48	149.5	62.63	168.1	73.34	168.0	73.40	168.1	73.47	167.7	73.36	167.7	73.33	167.7	73.24
	50	149.0	66.62	152.6	68.79	152.2	68.79	152.2	68.79	152.2	68.79	152.2	68.78	152.0	68.56
	52	134.9	61.74	136.0	59.27	137.5	56.77	137.5	56.29	137.5	55.71	137.5	55.28	137.5	55.02
110	10	136.9	13.94	172.8	17.86	211.6	24.19	227.9	27.64	246.1	32.18	261.6	36.44	273.8	40.14
	12	136.9	15.02	172.8	19.54	211.6	26.65	227.9	30.46	246.1	35.38	261.6	39.97	273.8	43.92
	14	136.9	16.26	172.8	21.44	211.6	29.37	227.9	33.56	246.1	38.86	261.6	43.79	273.8	48.00

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	136.9	17.63	172.8	23.56	211.6	32.37	227.9	36.95	246.1	42.68	261.6	47.98	273.8	52.49
	18	136.9	19.20	172.8	25.89	211.6	35.66	227.9	40.65	246.1	46.84	261.6	52.55	273.8	57.38
	20	136.9	20.92	172.8	28.44	211.6	39.23	227.9	44.72	246.1	51.38	261.6	57.55	273.8	62.30
	21	136.9	21.87	172.8	29.82	211.6	41.15	227.9	46.90	246.1	53.81	261.6	59.54	273.8	64.25
	23	136.9	23.91	172.8	32.79	211.6	45.29	227.9	50.91	246.1	57.47	261.6	63.39	273.8	68.08
	25	136.9	26.17	172.8	36.05	211.6	48.47	227.9	54.42	246.1	61.23	261.6	67.37	273.8	71.64
	27	136.9	28.65	172.8	38.71	211.6	51.75	227.9	57.85	246.1	64.96	261.6	71.45	273.8	75.38
	29	136.9	30.76	172.8	41.32	211.6	55.07	227.9	61.46	246.1	69.02	261.6	75.42	273.8	79.37
	31	136.9	32.74	172.8	44.01	211.6	58.65	227.9	65.37	246.1	73.40	261.6	79.59	273.8	83.74
	33	136.9	34.88	172.8	46.87	211.6	62.47	227.9	69.55	246.1	78.20	261.6	84.11	273.8	88.48
	35	136.9	37.14	172.8	49.95	211.6	66.51	227.9	74.11	246.1	83.03	261.6	89.02	273.8	93.71
	37	136.9	39.57	172.8	53.22	211.6	70.88	227.9	79.08	246.1	87.96	261.6	94.44	267.8	96.74
	39	136.9	42.18	172.8	56.74	211.6	75.61	227.9	84.59	246.1	93.39	248.2	94.24	248.6	94.31
	41	136.9	44.95	172.8	60.52	211.6	80.83	227.9	90.69	229.5	91.39	229.2	91.35	229.2	91.35
	43	136.9	47.92	172.8	64.59	210.9	86.09	211.0	86.26	211.0	86.19	210.6	86.09	210.7	86.11
	46	136.9	52.74	172.8	71.34	184.4	78.54	184.4	78.51	184.4	78.55	184.4	78.56	184.1	78.39
	48	136.9	56.23	168.1	73.46	168.1	73.48	168.1	73.48	168.0	73.40	167.8	73.41	167.8	73.39
	50	136.9	59.98	152.6	68.90	152.3	68.75	152.2	68.79	152.2	68.70	152.2	68.68	152.2	68.74
	52	134.3	62.29	135.2	60.50	137.0	58.01	137.2	57.51	137.5	57.02	136.9	56.58	137.5	55.96
100	10	124.4	12.65	157.2	15.94	192.4	20.72	207.2	23.33	223.8	26.71	237.9	30.06	249.0	32.94
	12	124.4	13.84	157.2	17.37	192.4	22.80	207.2	25.69	223.8	29.45	237.9	33.12	249.0	36.20
	14	124.4	14.87	157.2	18.94	192.4	25.09	207.2	28.33	223.8	32.45	237.9	36.43	249.0	39.75
	16	124.4	16.05	157.2	20.70	192.4	27.63	207.2	31.20	223.8	35.76	237.9	40.09	249.0	43.63
	18	124.4	17.34	157.2	22.68	192.4	30.42	207.2	34.38	223.8	39.36	237.9	44.04	249.0	47.89
	20	124.4	18.84	157.2	24.89	192.4	33.50	207.2	37.84	223.8	43.29	237.9	48.36	249.0	52.49
	21	124.4	19.61	157.2	26.06	192.4	35.13	207.2	39.69	223.8	45.41	237.9	50.66	249.0	54.92
	23	124.4	21.37	157.2	28.61	192.4	38.67	207.2	43.69	223.8	49.49	237.9	54.48	249.0	58.52
	25	124.4	23.34	157.2	31.41	192.4	42.03	207.2	46.94	223.8	52.91	237.9	58.14	249.0	62.32
	27	124.4	25.49	157.2	34.10	192.4	44.97	207.2	50.14	223.8	56.33	237.9	61.72	249.0	66.14
	29	124.4	27.53	157.2	36.45	192.4	47.90	207.2	53.36	223.8	59.88	237.9	65.58	249.0	70.27
	31	124.4	29.33	157.2	38.82	192.4	51.02	207.2	56.82	223.8	63.66	237.9	69.73	249.0	74.73
	33	124.4	31.23	157.2	41.36	192.4	54.35	207.2	60.54	223.8	67.72	237.9	74.23	249.0	79.54
	35	124.4	33.26	157.2	44.08	192.4	57.90	207.2	64.56	223.8	72.16	237.9	79.17	249.0	84.14
	37	124.4	35.41	157.2	46.95	192.4	61.74	207.2	68.76	223.8	76.97	237.9	84.62	249.0	89.16
	39	124.4	37.73	157.2	50.03	192.4	65.88	207.2	73.34	223.8	82.25	237.9	89.77	247.8	94.15
	41	124.4	40.23	157.2	53.34	192.4	70.36	207.2	78.33	223.8	88.12	229.2	91.33	229.5	91.39
	43	124.4	42.88	157.2	56.86	192.4	75.22	207.2	83.83	210.6	86.09	211.0	86.25	211.0	86.25
	46	124.4	47.19	157.2	62.68	184.5	78.52	184.7	78.53	184.7	78.55	184.7	78.59	184.4	78.45
	48	124.4	50.31	157.2	66.91	168.4	73.53	168.0	73.49	168.1	73.46	168.0	73.43	168.1	73.47
	50	124.4	53.65	152.6	68.78	152.5	68.77	152.5	68.77	152.2	68.70	152.2	68.71	152.2	68.72
	52	124.4	57.21	134.8	61.15	135.7	59.41	136.4	58.68	136.9	57.89	137.5	57.13	137.5	56.53
90	10	112.1	11.57	141.4	14.35	173.1	17.86	186.5	19.79	201.3	22.28	214.2	24.68	224.2	26.81
	12	112.1	12.82	141.4	15.49	173.1	19.58	186.5	21.76	201.3	24.54	214.2	27.22	224.2	29.56
	14	112.1	13.67	141.4	16.82	173.1	21.48	186.5	23.91	201.3	27.04	214.2	30.00	224.2	32.56
	16	112.1	14.63	141.4	18.28	173.1	23.59	186.5	26.31	201.3	29.76	214.2	33.07	224.2	35.87
	18	112.1	15.73	141.4	19.93	173.1	25.92	186.5	28.96	201.3	32.80	214.2	36.40	224.2	39.48
	20	112.1	16.95	141.4	21.76	173.1	28.50	186.5	31.86	201.3	36.09	214.2	40.07	224.2	43.43
	21	112.1	17.64	141.4	22.75	173.1	29.88	186.5	33.45	201.3	37.87	214.2	42.05	224.2	45.55
	23	112.1	19.11	141.4	24.90	173.1	32.86	186.5	36.79	201.3	41.69	214.2	46.17	224.2	49.60
	25	112.1	20.75	141.4	27.27	173.1	36.12	186.5	40.18	201.3	44.97	214.2	49.40	224.2	53.06
	27	112.1	22.61	141.4	29.89	173.1	38.78	186.5	43.02	201.3	48.09	214.2	52.71	224.2	56.47

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	112.1	24.57	141.4	31.98	173.1	41.39	186.5	45.82	201.3	51.20	214.2	56.10	224.2	60.02
	31	112.1	26.18	141.4	34.06	173.1	44.08	186.5	48.82	201.3	54.52	214.2	59.74	224.2	63.83
	33	112.1	27.82	141.4	36.27	173.1	46.95	186.5	52.01	201.3	58.10	214.2	63.56	224.2	67.92
	35	112.1	29.61	141.4	38.64	173.1	50.03	186.5	55.42	201.3	61.91	214.2	67.68	224.2	72.33
	37	112.1	31.53	141.4	41.15	173.1	53.33	186.5	59.05	201.3	66.04	214.2	72.13	224.2	77.17
	39	112.1	33.60	141.4	43.86	173.1	56.85	186.5	63.00	201.3	70.44	214.2	77.00	224.2	82.49
	41	112.1	35.81	141.4	46.73	173.1	60.62	186.5	67.26	201.3	75.20	214.2	82.32	224.2	88.39
	43	112.1	38.17	141.4	49.82	173.1	64.70	186.5	71.85	201.3	80.37	211.0	86.18	211.0	86.18
	46	112.1	42.01	141.4	54.83	173.1	71.45	184.7	78.62	184.7	78.55	184.4	78.52	184.7	78.60
	48	112.1	44.80	141.4	58.50	168.3	73.52	168.1	73.48	168.1	73.44	168.1	73.42	168.0	73.43
	50	112.1	47.76	141.4	62.43	152.5	68.89	152.5	68.88	152.6	68.85	152.5	68.82	152.5	68.81
	52	112.1	50.95	134.2	61.99	135.5	60.14	136.1	59.40	136.6	58.57	136.9	57.81	137.5	57.25
80	10	99.50	10.45	125.8	12.78	153.9	15.57	165.7	16.93	179.1	18.68	190.2	20.39	199.4	21.88
	12	99.50	11.97	125.8	13.95	153.9	16.93	165.7	18.51	179.1	20.50	190.2	22.43	199.4	24.09
	14	99.50	12.64	125.8	14.99	153.9	18.47	165.7	20.26	179.1	22.51	190.2	24.68	199.4	26.56
	16	99.50	13.42	125.8	16.20	153.9	20.18	165.7	22.20	179.1	24.77	190.2	27.19	199.4	29.25
	18	99.50	14.30	125.8	17.52	153.9	22.09	165.7	24.36	179.1	27.24	190.2	29.94	199.4	32.22
	20	99.50	15.30	125.8	19.02	153.9	24.17	165.7	26.76	179.1	29.96	190.2	32.95	199.4	35.47
	21	99.50	15.85	125.8	19.83	153.9	25.33	165.7	28.03	179.1	31.42	190.2	34.55	199.4	37.21
	23	99.50	17.10	125.8	21.62	153.9	27.77	165.7	30.83	179.1	34.57	190.2	38.03	199.4	40.93
	25	99.50	18.46	125.8	23.59	153.9	30.50	165.7	33.87	179.1	37.92	190.2	41.40	199.4	44.26
	27	99.50	20.03	125.8	25.78	153.9	33.18	165.7	36.55	179.1	40.64	190.2	44.35	199.4	47.35
	29	99.50	21.78	125.8	27.83	153.9	35.46	165.7	39.05	179.1	43.33	190.2	47.21	199.4	50.43
	31	99.50	23.25	125.8	29.66	153.9	37.79	165.7	41.59	179.1	46.16	190.2	50.29	199.4	53.68
	33	99.50	24.67	125.8	31.59	153.9	40.26	165.7	44.31	179.1	49.17	190.2	53.58	199.4	57.19
	35	99.50	26.23	125.8	33.63	153.9	42.88	165.7	47.18	179.1	52.39	190.2	57.06	199.4	60.96
	37	99.50	27.91	125.8	35.81	153.9	45.70	165.7	50.30	179.1	55.81	190.2	60.84	199.4	65.02
	39	99.50	29.72	125.8	38.17	153.9	48.68	165.7	53.60	179.1	59.51	190.2	64.93	199.4	69.41
	41	99.50	31.68	125.8	40.67	153.9	51.91	165.7	57.16	179.1	63.50	190.2	69.33	199.4	74.04
	43	99.50	33.78	125.8	43.36	153.9	55.33	165.7	60.95	179.1	67.80	190.2	74.11	199.4	79.12
	46	99.50	37.18	125.8	47.74	153.9	60.96	165.7	67.25	179.1	74.99	184.5	78.49	184.4	78.50
	48	99.50	39.68	125.8	50.89	153.9	65.08	165.4	71.69	168.1	73.45	168.1	73.39	168.0	73.37
	50	99.50	42.32	125.8	54.27	152.5	68.77	152.5	68.85	152.5	68.84	152.6	68.78	152.2	68.76
	52	99.50	45.14	125.8	57.87	134.9	61.13	135.5	60.35	136.0	59.50	136.3	58.73	136.9	58.14
70	10	87.30	8.67	109.9	11.43	134.7	13.69	145.0	14.68	156.5	15.87	166.5	17.04	174.3	18.04
	12	87.30	11.21	109.9	12.67	134.7	14.80	145.0	15.90	156.5	17.29	166.5	18.62	174.3	19.77
	14	87.30	11.73	109.9	13.49	134.7	15.98	145.0	17.26	156.5	18.87	166.5	20.38	174.3	21.70
	16	87.30	12.36	109.9	14.41	134.7	17.33	145.0	18.80	156.5	20.63	166.5	22.35	174.3	23.82
	18	87.30	13.06	109.9	15.48	134.7	18.84	145.0	20.52	156.5	22.60	166.5	24.54	174.3	26.18
	20	87.30	13.87	109.9	16.69	134.7	20.52	145.0	22.42	156.5	24.75	166.5	26.94	174.3	28.80
	21	87.30	14.31	109.9	17.35	134.7	21.43	145.0	23.44	156.5	25.95	166.5	28.25	174.3	30.18
	23	87.30	15.31	109.9	18.78	134.7	23.41	145.0	25.70	156.5	28.47	166.5	31.05	174.3	33.19
	25	87.30	16.41	109.9	20.39	134.7	25.63	145.0	28.14	156.5	31.26	166.5	34.13	174.3	36.49
	27	87.30	17.69	109.9	22.18	134.7	28.04	145.0	30.78	156.5	33.96	166.5	36.81	174.3	39.15
	29	87.30	19.15	109.9	24.12	134.7	30.13	145.0	32.94	156.5	36.27	166.5	39.31	174.3	41.79
	31	87.30	20.55	109.9	25.67	134.7	32.08	145.0	35.08	156.5	38.67	166.5	41.88	174.3	44.52
	33	87.30	21.77	109.9	27.31	134.7	34.16	145.0	37.37	156.5	41.17	166.5	44.61	174.3	47.42
	35	87.30	23.11	109.9	29.05	134.7	36.41	145.0	39.81	156.5	43.86	166.5	47.51	174.3	50.53
	37	87.30	24.57	109.9	30.91	134.7	38.77	145.0	42.42	156.5	46.76	166.5	50.63	174.3	53.84
	39	87.30	26.13	109.9	32.94	134.7	41.34	145.0	45.21	156.5	49.81	166.5	53.97	174.3	57.40
	41	87.30	27.83	109.9	35.12	134.7	44.03	145.0	48.19	156.5	53.11	166.5	57.56	174.3	61.21

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	87.30	29.68	109.9	37.44	134.7	46.94	145.0	51.35	156.5	56.61	166.5	61.38	174.3	65.32
	46	87.30	32.68	109.9	41.20	134.7	51.68	145.0	56.54	156.5	62.39	166.5	67.72	174.3	72.18
	48	87.30	34.89	109.9	43.95	134.7	55.10	145.0	60.32	156.5	66.62	166.0	72.13	168.4	73.51
	50	87.30	37.23	109.9	46.85	134.7	58.77	145.0	64.37	152.6	68.87	152.5	68.74	152.5	68.83
	52	87.30	39.73	109.9	49.96	134.0	62.33	134.5	61.60	135.2	60.75	135.7	59.94	136.0	59.35
60	10	74.70	6.90	94.30	9.64	115.4	11.85	124.3	12.64	134.3	13.64	142.8	14.46	149.5	15.12
	12	74.70	9.83	94.30	11.64	115.4	13.07	124.3	13.81	134.3	14.76	142.8	15.64	149.5	16.41
	14	74.70	10.67	94.30	12.24	115.4	13.96	124.3	14.84	134.3	15.94	142.8	16.97	149.5	17.84
	16	74.70	11.17	94.30	12.94	115.4	14.99	124.3	16.02	134.3	17.26	142.8	18.47	149.5	19.46
	18	74.70	11.76	94.30	13.76	115.4	16.13	124.3	17.31	134.3	18.77	142.8	20.15	149.5	21.28
	20	74.70	12.41	94.30	14.68	115.4	17.45	124.3	18.80	134.3	20.45	142.8	21.98	149.5	23.29
	21	74.70	12.78	94.30	15.19	115.4	18.15	124.3	19.58	134.3	21.36	142.8	23.00	149.5	24.38
	23	74.70	13.58	94.30	16.30	115.4	19.69	124.3	21.33	134.3	23.33	142.8	25.19	149.5	26.72
	25	74.70	14.50	94.30	17.58	115.4	21.44	124.3	23.27	134.3	25.52	142.8	27.59	149.5	29.30
	27	74.70	15.55	94.30	19.00	115.4	23.38	124.3	25.45	134.3	27.96	142.8	30.22	149.5	31.96
	29	74.70	16.75	94.30	20.61	115.4	25.35	124.3	27.49	134.3	30.05	142.8	32.35	149.5	34.18
	31	74.70	18.04	94.30	22.07	115.4	26.99	124.3	29.29	134.3	32.01	142.8	34.43	149.5	36.40
	33	74.70	19.09	94.30	23.42	115.4	28.70	124.3	31.16	134.3	34.08	142.8	36.68	149.5	38.80
	35	74.70	20.22	94.30	24.88	115.4	30.56	124.3	33.19	134.3	36.30	142.8	39.08	149.5	41.34
	37	74.70	21.45	94.30	26.44	115.4	32.55	124.3	35.34	134.3	38.66	142.8	41.62	149.5	44.03
	39	74.70	22.80	94.30	28.18	115.4	34.69	124.3	37.66	134.3	41.20	142.8	44.37	149.5	46.93
	41	74.70	24.28	94.30	30.00	115.4	36.98	124.3	40.16	134.3	43.92	142.8	47.28	149.5	50.02
	43	74.70	25.87	94.30	31.99	115.4	39.41	124.3	42.80	134.3	46.79	142.8	50.40	149.5	53.32
	46	74.70	28.51	94.30	35.24	115.4	43.39	124.3	47.09	134.3	51.51	142.8	55.48	149.5	58.73
	48	74.70	30.43	94.30	37.59	115.4	46.25	124.3	50.20	134.3	54.92	142.8	59.16	149.5	62.67
	50	74.70	32.48	94.30	40.12	115.4	49.30	124.3	53.54	134.3	58.59	142.8	63.16	149.0	66.66
	52	74.70	34.72	94.30	42.80	115.4	52.56	124.3	57.10	133.7	62.18	134.6	61.67	134.9	61.07
50	10	62.20	5.37	78.50	7.41	96.20	9.92	103.6	10.96	111.8	11.57	119.1	12.17	124.7	12.65
	12	62.20	8.29	78.50	10.27	96.20	11.75	103.6	12.23	111.8	12.82	119.1	13.37	124.7	13.84
	14	62.20	9.60	78.50	11.01	96.20	12.38	103.6	12.94	111.8	13.67	119.1	14.32	124.7	14.88
	16	62.20	10.00	78.50	11.55	96.20	13.09	103.6	13.78	111.8	14.62	119.1	15.39	124.7	16.05
	18	62.20	10.44	78.50	12.14	96.20	13.94	103.6	14.74	111.8	15.70	119.1	16.61	124.7	17.34
	20	62.20	10.96	78.50	12.87	96.20	14.90	103.6	15.81	111.8	16.94	119.1	17.97	124.7	18.84
	21	62.20	11.25	78.50	13.24	96.20	15.41	103.6	16.40	111.8	17.60	119.1	18.70	124.7	19.65
	23	62.20	11.90	78.50	14.12	96.20	16.58	103.6	17.72	111.8	19.07	119.1	20.35	124.7	21.40
	25	62.20	12.63	78.50	15.10	96.20	17.87	103.6	19.18	111.8	20.75	119.1	22.17	124.7	23.34
	27	62.20	13.47	78.50	16.23	96.20	19.37	103.6	20.83	111.8	22.58	119.1	24.18	124.7	25.49
	29	62.20	14.42	78.50	17.51	96.20	21.01	103.6	22.65	111.8	24.53	119.1	26.20	124.7	27.53
	31	62.20	15.48	78.50	18.84	96.20	22.48	103.6	24.16	111.8	26.14	119.1	27.90	124.7	29.34
	33	62.20	16.42	78.50	19.93	96.20	23.86	103.6	25.66	111.8	27.78	119.1	29.69	124.7	31.23
	35	62.20	17.34	78.50	21.10	96.20	25.35	103.6	27.29	111.8	29.57	119.1	31.62	124.7	33.26
	37	62.20	18.32	78.50	22.40	96.20	26.95	103.6	29.04	111.8	31.49	119.1	33.65	124.7	35.44
	39	62.20	19.45	78.50	23.82	96.20	28.70	103.6	30.93	111.8	33.56	119.1	35.87	124.7	37.77
	41	62.20	20.68	78.50	25.34	96.20	30.58	103.6	32.96	111.8	35.74	119.1	38.23	124.7	40.24
	43	62.20	22.02	78.50	27.01	96.20	32.61	103.6	35.13	111.8	38.13	119.1	40.76	124.7	42.88
	46	62.20	24.30	78.50	29.79	96.20	35.94	103.6	38.71	111.8	41.97	119.1	44.86	124.7	47.20
	48	62.20	26.02	78.50	31.78	96.20	38.32	103.6	41.28	111.8	44.72	119.1	47.83	124.7	50.32
	50	62.20	27.91	78.50	33.94	96.20	40.89	103.6	44.00	111.8	47.69	119.1	50.98	124.7	53.65
	52	62.20	29.97	78.50	36.25	96.20	43.60	103.6	46.93	111.8	50.88	119.1	54.36	124.7	57.24

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Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

34. ARUM740LTE6

34.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	44.00	2.95	70.70	4.72	100.2	6.75	107.3	7.27	114.3	7.79	121.7	8.35	129.5	9.05
	12	44.00	2.95	70.70	4.72	100.2	6.81	107.3	7.33	114.3	7.86	121.7	8.42	129.5	9.18
	14	44.00	2.95	70.70	4.75	100.2	6.91	107.3	7.44	114.3	7.99	121.7	8.59	129.5	9.38
	16	44.00	2.95	70.70	4.82	100.2	7.08	107.3	7.64	114.3	8.23	121.7	8.89	129.5	9.82
	18	44.00	2.98	70.70	4.95	100.2	7.42	107.3	8.08	114.3	8.77	121.7	9.56	129.5	10.74
	20	44.00	3.08	70.70	5.25	100.2	8.33	107.3	9.20	114.3	10.13	121.7	11.20	129.5	13.01
	21	49.90	3.85	76.20	6.63	105.5	11.15	112.5	11.87	119.5	12.67	126.5	13.51	133.6	14.88
	23	61.40	9.19	87.70	11.35	116.6	14.40	123.2	15.19	129.9	16.05	135.8	16.85	142.4	18.15
	25	73.60	11.30	99.10	14.01	128.0	17.95	134.0	18.92	140.6	19.97	145.4	20.83	151.3	22.36
	27	85.80	14.20	111.0	17.57	139.5	22.63	145.4	23.82	151.4	25.00	155.4	25.80	169.1	29.38
	29	98.40	18.12	122.9	22.12	151.3	27.93	156.9	29.17	162.8	30.52	172.4	32.89	199.8	41.29
	31	111.4	22.72	135.4	27.35	163.5	34.25	168.7	35.63	183.2	39.75	204.2	46.20	230.9	57.08
	33	124.7	28.38	148.0	33.78	175.8	42.02	193.5	47.85	215.4	55.82	235.7	63.97	261.6	77.33
	35	138.4	35.55	161.3	41.81	206.4	58.49	225.7	66.97	247.5	76.88	267.1	85.91	292.6	97.56
	37	138.4	37.91	161.3	44.60	206.4	62.40	225.7	71.37	247.5	82.15	267.1	91.12	274.6	95.79
	39	138.4	40.41	161.3	47.54	206.4	66.61	225.7	76.19	247.5	87.97	257.3	92.35	254.2	93.00
	41	138.4	43.09	161.3	50.70	206.4	71.18	225.7	81.48	237.5	87.87	237.5	87.89	234.4	88.91
	43	138.4	45.96	161.3	54.07	206.4	76.16	218.4	82.73	218.0	82.66	218.0	82.66	215.7	83.81
	46	138.4	50.60	161.3	59.56	191.3	75.34	191.3	75.36	191.0	75.25	191.2	75.31	188.6	76.17
	48	138.4	53.97	161.3	63.59	174.2	70.52	174.5	70.71	174.4	70.67	173.8	70.45	171.9	71.35
	50	138.4	57.56	158.2	66.21	157.9	66.14	157.8	66.21	157.9	66.16	157.5	66.05	155.7	66.91
	52	135.8	59.81	137.7	56.69	139.5	54.34	139.7	53.87	140.3	53.37	140.7	52.93	140.6	53.27
120	10	40.70	2.73	65.10	4.35	92.50	6.22	98.80	6.67	105.5	7.15	112.5	7.64	119.5	8.24
	12	40.70	2.73	65.10	4.35	92.50	6.26	98.80	6.73	105.5	7.19	112.5	7.71	119.5	8.34
	14	40.70	2.73	65.10	4.38	92.50	6.32	98.80	6.80	105.5	7.32	112.5	7.84	119.5	8.51
	16	40.70	2.73	65.10	4.41	92.50	6.46	98.80	6.97	105.5	7.49	112.5	8.08	119.5	8.84
	18	40.70	2.76	65.10	4.51	92.50	6.73	98.80	7.31	105.5	7.93	112.5	8.59	119.5	9.59
	20	40.70	2.82	65.10	4.75	92.50	7.44	98.80	8.19	105.5	8.98	112.5	9.87	119.5	11.52
	21	45.90	3.46	70.30	5.89	97.30	9.84	103.9	10.98	110.3	11.65	116.6	12.33	123.5	13.63
	23	57.00	8.79	80.70	10.71	107.7	13.38	113.6	14.04	119.9	14.79	125.4	15.48	131.4	16.60
	25	68.00	10.72	91.40	13.10	118.0	16.50	123.9	17.34	129.8	18.24	134.3	18.96	139.5	20.30
	27	79.20	13.30	102.5	16.26	128.8	20.61	134.3	21.62	139.8	22.70	143.6	23.46	156.1	26.57
	29	91.00	16.81	113.6	20.38	139.5	25.44	144.7	26.51	150.2	27.67	159.4	29.75	184.6	36.95
	31	102.9	21.03	125.0	25.05	150.9	31.00	155.7	32.21	169.1	35.75	188.4	41.29	213.1	50.59
	33	115.1	26.04	136.9	30.75	162.4	37.87	178.7	42.90	199.0	49.71	217.5	56.62	241.6	68.33
	35	127.7	32.40	148.8	37.84	190.5	52.19	208.3	59.40	228.6	68.13	246.4	76.34	270.1	88.76
	37	127.7	34.55	148.8	40.34	190.5	55.67	208.3	63.38	228.6	72.67	246.4	81.52	270.1	94.19
	39	127.7	36.83	148.8	43.02	190.5	59.37	208.3	67.66	228.6	77.58	246.4	87.30	254.2	92.97
	41	127.7	39.26	148.8	45.89	190.5	63.36	208.3	72.31	228.6	82.97	237.4	87.82	234.4	88.92
	43	127.7	41.87	148.8	48.93	190.5	67.65	208.3	77.32	218.4	82.71	218.4	82.71	215.7	83.69
	46	127.7	46.14	148.8	53.87	190.4	74.74	191.2	75.30	191.0	75.27	190.9	75.25	188.6	76.22
	48	127.7	49.19	148.8	57.46	174.1	70.59	174.1	70.59	174.2	70.56	173.8	70.43	171.9	71.42
	50	127.7	52.45	148.8	61.31	157.9	66.14	157.9	66.13	158.2	66.25	157.9	66.12	156.0	66.92
	52	127.7	55.97	137.1	57.63	138.9	55.29	139.2	54.81	139.4	54.33	139.8	53.97	139.7	54.42
110	10	37.40	2.47	59.90	3.98	84.70	5.67	90.70	6.08	96.60	6.52	102.9	6.97	109.5	7.49
	12	37.40	2.47	59.90	3.98	84.70	5.71	90.70	6.14	96.60	6.55	102.9	7.00	109.5	7.59
	14	37.40	2.47	59.90	4.01	84.70	5.77	90.70	6.18	96.60	6.65	102.9	7.10	109.5	7.69
	16	37.40	2.50	59.90	4.04	84.70	5.87	90.70	6.31	96.60	6.79	102.9	7.30	109.5	7.96
	18	37.40	2.50	59.90	4.11	84.70	6.07	90.70	6.58	96.60	7.12	102.9	7.68	109.5	8.53

34. ARUM740LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	37.40	2.54	59.90	4.28	84.70	6.61	90.70	7.26	96.60	7.93	102.9	8.69	109.5	10.00
	21	42.20	3.10	64.40	5.21	89.20	8.50	95.10	9.45	101.0	10.51	106.9	11.28	113.2	12.35
	23	52.20	8.42	74.00	10.12	98.80	12.44	104.3	13.02	109.9	13.64	115.0	14.18	120.6	15.19
	25	62.20	10.13	84.00	12.23	108.1	15.17	113.6	15.86	118.8	16.62	123.2	17.23	128.0	18.38
	27	72.50	12.43	93.90	15.03	118.0	18.73	122.9	19.59	128.0	20.50	131.7	21.15	143.2	23.94
	29	83.30	15.55	104.0	18.70	128.0	23.11	132.8	24.03	137.6	25.03	146.1	26.80	169.1	32.93
	31	94.30	19.42	114.7	22.86	138.4	28.01	142.8	29.03	155.0	32.06	172.8	36.76	195.4	44.62
	33	105.5	23.85	125.4	27.87	148.8	34.00	163.9	38.27	182.4	44.06	199.4	49.89	221.3	59.88
	35	116.9	29.44	136.5	34.11	174.6	46.37	191.0	52.45	209.4	59.84	226.0	66.97	247.5	79.12
	37	116.9	31.37	136.5	36.36	174.6	49.45	191.0	55.93	209.4	63.86	226.0	71.41	247.5	84.60
	39	116.9	33.44	136.5	38.79	174.6	52.71	191.0	59.66	209.4	68.17	226.0	76.22	247.5	90.19
	41	116.9	35.68	136.5	41.37	174.6	56.23	191.0	63.66	209.4	72.86	226.0	81.51	234.8	88.95
	43	116.9	38.04	136.5	44.12	174.6	59.97	191.0	68.01	209.4	77.87	218.3	82.70	215.7	83.71
	46	116.9	41.91	136.5	48.58	174.6	66.15	190.7	75.06	191.2	75.35	191.3	75.32	188.7	76.24
	48	116.9	44.70	136.5	51.80	173.9	70.31	174.1	70.45	174.1	70.56	174.2	70.50	171.9	71.31
	50	116.9	47.67	136.5	55.21	158.2	66.21	158.2	66.21	157.9	66.18	157.9	66.11	155.9	66.90
	52	116.9	50.85	136.5	58.84	137.9	56.42	138.3	55.98	138.6	55.48	138.0	55.05	139.0	55.09
100	10	34.00	2.25	54.40	3.61	77.00	5.16	82.50	5.53	88.00	5.89	93.60	6.30	99.50	6.78
	12	34.00	2.25	54.40	3.61	77.00	5.16	82.50	5.56	88.00	5.93	93.60	6.33	99.50	6.85
	14	34.00	2.25	54.40	3.61	77.00	5.22	82.50	5.59	88.00	5.99	93.60	6.40	99.50	6.92
	16	34.00	2.25	54.40	3.64	77.00	5.29	82.50	5.69	88.00	6.09	93.60	6.53	99.50	7.12
	18	34.00	2.28	54.40	3.71	77.00	5.43	82.50	5.89	88.00	6.33	93.60	6.83	99.50	7.52
	20	34.00	2.31	54.40	3.84	77.00	5.86	82.50	6.40	88.00	6.94	93.60	7.58	99.50	8.64
	21	38.50	2.77	58.80	4.57	81.40	7.30	86.60	8.08	91.80	8.92	97.30	9.81	102.9	11.21
	23	47.40	8.02	67.30	9.51	89.60	11.54	94.70	12.04	99.90	12.55	104.4	13.06	109.5	13.86
	25	56.60	9.56	76.20	11.40	98.40	13.90	103.2	14.51	108.1	15.13	112.1	15.64	116.2	16.62
	27	65.90	11.60	85.40	13.84	107.3	16.99	111.7	17.71	116.5	18.50	119.5	19.01	129.9	21.34
	29	75.80	14.36	94.70	17.07	116.2	20.90	120.6	21.67	125.1	22.55	132.8	24.03	153.9	29.22
	31	85.80	17.84	104.3	20.81	125.8	25.19	129.5	26.04	141.0	28.63	156.9	32.57	177.6	39.18
	33	95.80	21.76	114.0	25.20	135.4	30.38	148.8	34.00	165.8	38.85	181.3	43.73	201.3	52.05
	35	106.5	26.63	124.0	30.61	158.7	40.97	173.6	46.08	190.5	52.20	205.4	58.13	225.0	68.51
	37	106.5	28.37	124.0	32.64	158.7	43.69	173.6	49.12	190.5	55.67	205.4	62.00	225.0	73.07
	39	106.5	30.25	124.0	34.78	158.7	46.59	173.6	52.39	190.5	59.38	205.4	66.17	225.0	78.01
	41	106.5	32.25	124.0	37.10	158.7	49.68	173.6	55.87	190.5	63.37	205.4	70.71	225.0	83.46
	43	106.5	34.42	124.0	39.60	158.7	52.98	173.6	59.60	190.5	67.69	205.4	75.63	216.0	83.87
	46	106.5	37.93	124.0	43.61	158.7	58.35	173.6	65.72	190.4	74.79	191.3	75.37	188.7	76.16
	48	106.5	40.46	124.0	46.51	158.7	62.27	173.0	69.91	174.1	70.53	173.9	70.47	171.9	71.32
	50	106.5	43.17	124.0	49.59	157.6	65.91	158.2	66.20	157.9	66.16	158.2	66.25	155.6	66.81
	52	106.5	46.06	124.0	52.88	136.8	57.78	137.7	57.06	138.0	56.30	138.5	55.58	138.5	55.70
90	10	30.70	2.03	48.90	3.24	69.20	4.61	74.30	4.97	79.20	5.30	84.30	5.64	89.60	6.08
	12	30.70	2.03	48.90	3.24	69.20	4.64	74.30	4.97	79.20	5.31	84.30	5.67	89.60	6.11
	14	30.70	2.03	48.90	3.24	69.20	4.67	74.30	5.01	79.20	5.37	84.30	5.74	89.60	6.18
	16	30.70	2.03	48.90	3.28	69.20	4.71	74.30	5.07	79.20	5.44	84.30	5.83	89.60	6.31
	18	30.70	2.03	48.90	3.31	69.20	4.84	74.30	5.21	79.20	5.60	84.30	6.04	89.60	6.61
	20	30.70	2.06	48.90	3.41	69.20	5.11	74.30	5.57	79.20	6.04	84.30	6.58	89.60	7.42
	21	34.40	2.42	52.90	3.97	73.20	6.21	77.70	6.85	82.50	7.52	87.40	8.22	92.50	9.85
	23	42.60	7.44	60.70	8.97	80.70	10.71	85.10	11.14	89.90	11.57	94.00	11.97	98.40	12.69
	25	51.00	9.01	68.50	10.60	88.40	12.74	92.90	13.25	97.30	13.79	100.7	14.22	104.7	15.02
	27	59.50	10.80	76.60	12.72	96.60	15.40	100.6	16.01	104.7	16.63	107.7	17.06	116.9	19.02
	29	68.10	13.20	85.10	15.52	104.7	18.84	108.4	19.53	112.5	20.23	119.5	21.48	138.4	25.80
	31	77.00	16.30	93.60	18.90	113.2	22.57	116.6	23.30	126.9	25.42	141.3	28.70	159.8	34.18

34. ARUM740LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	86.20	19.81	102.5	22.67	121.7	27.02	134.0	30.05	149.1	34.07	163.2	38.08	181.3	44.92
	35	95.80	24.02	111.7	27.35	142.8	35.98	156.5	40.21	171.3	45.27	185.0	50.08	202.4	58.65
	37	95.80	25.55	111.7	29.13	142.8	38.37	156.5	42.89	171.3	48.25	185.0	53.42	202.4	62.57
	39	95.80	27.22	111.7	31.06	142.8	40.91	156.5	45.72	171.3	51.47	185.0	56.97	202.4	66.78
	41	95.80	29.03	111.7	33.12	142.8	43.63	156.5	48.76	171.3	54.89	185.0	60.78	202.4	71.36
	43	95.80	30.99	111.7	35.36	142.8	46.53	156.5	51.99	171.3	58.55	185.0	64.88	202.4	76.29
	46	95.80	34.17	111.7	38.95	142.8	51.24	156.5	57.26	171.3	64.55	185.0	71.66	188.9	76.26
	48	95.80	36.48	111.7	41.55	142.8	54.65	156.5	61.10	171.2	68.89	174.1	70.53	172.2	71.45
	50	95.80	38.93	111.7	44.33	142.8	58.28	155.8	64.88	157.9	66.13	157.9	66.19	155.9	66.96
	52	95.80	41.54	111.7	47.29	136.5	58.50	137.1	57.75	137.7	56.99	137.9	56.24	138.2	56.37
80	10	27.00	1.81	43.60	2.88	61.80	4.09	65.90	4.39	70.30	4.68	74.80	5.01	79.60	5.38
	12	27.00	1.81	43.60	2.88	61.80	4.09	65.90	4.42	70.30	4.71	74.80	5.01	79.60	5.41
	14	27.00	1.81	43.60	2.88	61.80	4.12	65.90	4.42	70.30	4.75	74.80	5.04	79.60	5.44
	16	27.00	1.80	43.60	2.88	61.80	4.16	65.90	4.48	70.30	4.78	74.80	5.11	79.60	5.54
	18	27.00	1.80	43.60	2.91	61.80	4.22	65.90	4.55	70.30	4.91	74.80	5.28	79.60	5.75
	20	27.00	1.80	43.60	2.97	61.80	4.43	65.90	4.82	70.30	5.22	74.80	5.65	79.60	6.32
	21	30.70	2.12	47.00	3.43	65.10	5.25	69.20	5.75	73.60	6.28	77.70	6.81	82.20	8.06
	23	37.80	6.77	54.00	8.29	71.80	9.91	75.80	10.27	79.90	10.63	83.60	10.96	87.70	11.57
	25	45.20	8.46	61.00	9.84	78.80	11.66	82.50	12.09	86.60	12.52	89.50	12.88	93.20	13.54
	27	52.90	10.03	68.10	11.67	85.80	13.91	89.50	14.41	93.20	14.92	95.80	15.28	104.0	16.88
	29	60.70	12.11	75.80	14.07	93.20	16.82	96.60	17.39	100.2	18.01	106.2	19.10	123.2	22.66
	31	68.50	14.81	83.30	17.03	100.6	20.15	103.6	20.74	112.8	22.49	125.8	25.16	142.1	29.62
	33	76.60	17.89	91.00	20.33	108.4	23.92	119.1	26.40	132.5	29.69	145.0	32.94	161.0	38.46
	35	85.10	21.57	99.20	24.31	126.9	31.41	139.1	34.84	152.4	38.93	164.3	42.83	179.9	49.70
	37	85.10	22.92	99.20	25.88	126.9	33.48	139.1	37.16	152.4	41.51	164.3	45.66	179.9	52.97
	39	85.10	24.40	99.20	27.58	126.9	35.69	139.1	39.63	152.4	44.27	164.3	48.71	179.9	56.51
	41	85.10	26.03	99.20	29.43	126.9	38.08	139.1	42.24	152.4	47.20	164.3	51.93	179.9	60.29
	43	85.10	27.77	99.20	31.38	126.9	40.62	139.1	45.07	152.4	50.35	164.3	55.38	179.9	64.33
	46	85.10	30.62	99.20	34.60	126.9	44.74	139.1	49.60	152.4	55.43	164.3	61.01	179.9	71.10
	48	85.10	32.68	99.20	36.95	126.9	47.71	139.1	52.90	152.4	59.14	164.3	65.16	172.2	71.45
	50	85.10	34.92	99.20	39.44	126.9	50.87	139.1	56.42	152.4	63.10	157.9	66.17	156.0	66.88
	52	85.10	37.30	99.20	42.07	126.9	54.24	136.5	58.69	137.1	57.88	137.4	57.12	137.6	57.26
70	10	23.70	1.58	38.10	2.51	54.00	3.58	57.70	3.83	61.40	4.09	65.50	4.35	69.60	4.68
	12	23.70	1.58	38.10	2.51	54.00	3.58	57.70	3.83	61.40	4.09	65.50	4.38	69.60	4.71
	14	23.70	1.58	38.10	2.51	54.00	3.61	57.70	3.86	61.40	4.12	65.50	4.38	69.60	4.74
	16	23.70	1.58	38.10	2.51	54.00	3.61	57.70	3.87	61.40	4.16	65.50	4.45	69.60	4.78
	18	23.70	1.58	38.10	2.54	54.00	3.67	57.70	3.93	61.40	4.22	65.50	4.52	69.60	4.94
	20	23.70	1.58	38.10	2.57	54.00	3.81	57.70	4.10	61.40	4.42	65.50	4.78	69.60	5.28
	21	27.00	1.83	41.10	2.92	57.00	4.36	60.70	4.75	64.40	5.18	68.10	5.61	72.10	6.48
	23	33.30	5.93	47.00	7.41	62.90	9.15	66.20	9.44	69.90	9.76	73.20	10.02	76.60	10.53
	25	39.60	7.95	53.30	9.08	68.80	10.61	72.20	10.97	75.80	11.33	78.40	11.62	81.40	12.20
	27	46.20	9.27	59.60	10.65	75.10	12.50	78.10	12.93	81.40	13.36	83.60	13.62	91.00	14.93
	29	52.90	11.03	66.20	12.66	81.40	14.94	84.40	15.41	87.70	15.91	92.90	16.78	107.7	19.79
	31	59.90	13.35	72.90	15.28	88.00	17.87	90.70	18.38	98.80	19.79	109.9	21.94	124.3	25.49
	33	67.00	16.01	79.90	18.11	94.70	21.06	104.3	23.04	116.1	25.67	126.9	28.23	141.0	32.66
	35	74.40	19.20	86.90	21.49	111.0	27.20	121.7	29.95	133.2	33.20	143.9	36.27	157.6	41.68
	37	74.40	20.40	86.90	22.84	111.0	28.98	121.7	31.91	133.2	35.41	143.9	38.67	157.6	44.44
	39	74.40	21.70	86.90	24.33	111.0	30.91	121.7	34.05	133.2	37.74	143.9	41.24	157.6	47.38
	41	74.40	23.14	86.90	25.95	111.0	32.97	121.7	36.30	133.2	40.27	143.9	43.99	157.6	50.53
	43	74.40	24.73	86.90	27.69	111.0	35.15	121.7	38.72	133.2	42.95	143.9	46.89	157.6	53.90
	46	74.40	27.26	86.90	30.54	111.0	38.76	121.7	42.67	133.2	47.27	143.9	51.64	157.6	59.39

34. ARUM740LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	74.40	29.13	86.90	32.60	111.0	41.33	121.7	45.49	133.2	50.42	143.9	55.08	157.6	63.39
	50	74.40	31.12	86.90	34.84	111.0	44.11	121.7	48.53	133.2	53.75	143.9	58.75	156.0	66.93
	52	74.40	33.28	86.90	37.18	111.0	47.04	121.7	51.75	133.2	57.34	136.8	58.34	136.7	58.43
60	10	20.40	1.36	32.60	2.14	46.20	3.06	49.60	3.28	52.90	3.50	56.20	3.72	59.60	4.02
	12	20.40	1.36	32.60	2.14	46.20	3.06	49.60	3.28	52.90	3.50	56.20	3.72	59.60	4.02
	14	20.40	1.33	32.60	2.14	46.20	3.06	49.60	3.28	52.90	3.50	56.20	3.76	59.60	4.02
	16	20.40	1.33	32.60	2.14	46.20	3.09	49.60	3.31	52.90	3.53	56.20	3.76	59.60	4.05
	18	20.40	1.33	32.60	2.17	46.20	3.09	49.60	3.34	52.90	3.57	56.20	3.82	59.60	4.15
	20	20.40	1.33	32.60	2.17	46.20	3.19	49.60	3.44	52.90	3.70	56.20	3.99	59.60	4.38
	21	23.00	1.54	35.20	2.42	48.80	3.57	51.80	3.89	55.10	4.21	58.40	4.54	61.80	5.14
	23	28.50	4.20	40.30	6.27	53.70	8.28	57.00	8.67	59.90	8.90	62.60	9.15	65.80	9.55
	25	35.20	7.59	45.80	8.39	59.20	9.63	61.80	9.92	64.80	10.21	67.30	10.46	69.90	10.90
	27	39.60	8.57	51.10	9.67	64.40	11.20	67.00	11.52	69.90	11.88	71.80	12.10	78.10	13.15
	29	45.50	10.04	56.60	11.35	69.90	13.20	72.50	13.56	75.10	13.96	79.60	14.68	92.20	17.07
	31	51.40	11.94	62.50	13.50	75.50	15.68	77.70	16.08	84.40	17.25	94.30	18.98	106.6	21.76
	33	57.40	14.23	68.40	15.94	81.10	18.36	89.20	20.00	99.50	22.01	108.8	24.02	120.6	27.43
	35	64.00	16.86	74.40	18.77	95.10	23.36	104.3	25.49	114.3	28.01	123.2	30.39	135.0	34.56
	37	64.00	17.88	74.40	19.93	95.10	24.85	104.3	27.16	114.3	29.86	123.2	32.39	135.0	36.85
	39	64.00	18.97	74.40	21.20	95.10	26.49	104.3	28.94	114.3	31.82	123.2	34.53	135.0	39.28
	41	64.00	20.17	74.40	22.61	95.10	28.26	104.3	30.89	114.3	33.96	123.2	36.84	135.0	41.89
	43	64.00	21.48	74.40	24.16	95.10	30.14	104.3	32.95	114.3	36.24	123.2	39.30	135.0	44.68
	46	64.00	23.72	74.40	26.71	95.10	33.25	104.3	36.32	114.3	39.93	123.2	43.29	135.0	49.18
	48	64.00	25.41	74.40	28.55	95.10	35.49	104.3	38.77	114.3	42.57	123.2	46.15	135.0	52.44
	50	64.00	27.24	74.40	30.53	95.10	37.90	104.3	41.37	114.3	45.42	123.2	49.22	135.0	55.95
	52	64.00	29.27	74.40	32.62	95.10	40.46	104.3	44.12	114.3	48.43	123.2	52.48	134.9	59.64
50	10	17.00	1.26	27.30	1.80	38.50	2.55	41.10	2.73	44.00	2.91	47.00	3.10	49.90	3.32
	12	17.00	1.26	27.30	1.80	38.50	2.54	41.10	2.73	44.00	2.91	47.00	3.10	49.90	3.32
	14	17.00	1.26	27.30	1.80	38.50	2.54	41.10	2.73	44.00	2.91	47.00	3.10	49.90	3.35
	16	17.00	1.26	27.30	1.77	38.50	2.54	41.10	2.73	44.00	2.91	47.00	3.13	49.90	3.35
	18	17.00	1.26	27.30	1.80	38.50	2.57	41.10	2.76	44.00	2.94	47.00	3.16	49.90	3.41
	20	17.00	1.26	27.30	1.80	38.50	2.61	41.10	2.79	44.00	3.01	47.00	3.23	49.90	3.52
	21	19.20	1.25	29.20	1.98	40.70	2.88	43.30	3.10	45.90	3.32	48.50	3.57	51.40	3.99
	23	23.70	2.86	33.70	4.26	44.80	7.13	47.40	7.42	49.90	7.76	52.20	8.07	54.80	8.61
	25	33.00	7.57	38.10	7.73	49.20	8.72	51.50	8.93	54.00	9.16	55.90	9.34	58.10	9.70
	27	33.50	7.97	42.60	8.76	53.60	9.96	55.90	10.21	58.10	10.47	59.90	10.65	65.10	11.49
	29	37.80	9.05	47.30	10.11	58.10	11.53	60.30	11.85	62.50	12.15	66.30	12.69	77.00	14.54
	31	42.90	10.59	52.20	11.83	62.90	13.57	64.80	13.90	70.30	14.84	78.50	16.23	88.80	18.42
	33	48.10	12.51	57.00	13.86	67.70	15.79	74.40	17.06	82.90	18.69	90.60	20.22	100.6	22.78
	35	53.30	14.63	62.10	16.16	79.20	19.85	86.90	21.49	95.10	23.36	102.8	25.12	112.5	28.20
	37	53.30	15.44	62.10	17.08	79.20	21.12	86.90	22.84	95.10	24.88	102.8	26.75	112.5	30.06
	39	53.30	16.32	62.10	18.10	79.20	22.49	86.90	24.33	95.10	26.52	102.8	28.53	112.5	32.05
	41	53.30	17.30	62.10	19.27	79.20	23.94	86.90	25.95	95.10	28.26	102.8	30.42	112.5	34.19
	43	53.30	18.37	62.10	20.52	79.20	25.57	86.90	27.69	95.10	30.14	102.8	32.44	112.5	36.47
	46	53.30	20.20	62.10	22.62	79.20	28.20	86.90	30.54	95.10	33.25	102.8	35.77	112.5	40.19
	48	53.30	21.59	62.10	24.21	79.20	30.12	86.90	32.60	95.10	35.52	102.8	38.19	112.5	42.87
	50	53.30	23.09	62.10	25.94	79.20	32.21	86.90	34.84	95.10	37.91	102.8	40.75	112.5	45.73
	52	53.30	24.74	62.10	27.84	79.20	34.41	86.90	37.22	95.10	40.47	102.8	43.49	112.5	48.77

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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34.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	138.9	64.58	137.8	65.13	136.7	65.68	136.3	65.94	135.9	66.23	134.8	66.75
	-24.8	-25	161.6	67.89	160.5	68.51	159.3	69.10	158.6	69.39	158.2	69.72	157.1	70.30
	-21.8	-22	175.8	69.80	174.6	70.45	173.4	71.08	172.7	71.41	172.3	71.70	170.9	72.33
	-19.8	-20	185.8	71.08	184.6	71.74	183.2	72.40	182.4	72.73	182.0	73.06	180.8	73.72
	-18.8	-19	191.0	71.71	189.5	72.40	188.3	73.09	187.6	73.42	186.9	73.75	185.7	74.38
	-16.7	-17	201.4	73.02	200.2	73.72	198.8	74.42	198.0	74.78	197.6	75.11	196.1	75.77
	-15	-15.9	208.1	73.76	206.6	74.49	205.1	75.22	204.4	75.56	203.6	75.92	202.4	76.59
	-13.7	-15	213.6	74.44	212.1	75.18	210.9	75.91	210.1	76.28	209.4	76.64	208.2	77.34
	-11.8	-13	224.5	75.70	223.0	76.47	221.5	77.21	220.7	77.58	220.0	77.94	218.5	78.67
	-9.8	-11	236.7	77.05	234.9	77.82	233.3	78.59	232.5	78.96	231.8	79.33	230.3	80.06
	-9.5	-10	242.3	77.67	240.8	78.45	239.2	79.25	238.4	79.62	237.4	80.02	235.8	80.75
	-8.5	-9.1	248.2	78.29	246.4	79.10	244.8	79.87	244.0	80.27	243.2	80.64	241.4	81.41
	-7	-7.6	257.9	79.32	256.3	80.16	254.4	80.96	253.7	81.34	252.6	81.74	251.0	82.51
	-5	-5.6	271.6	80.74	269.7	81.58	267.8	82.39	267.0	82.80	265.9	83.20	264.0	84.00
	-3	-3.7	284.9	82.09	283.0	82.97	281.1	83.81	280.0	84.22	279.2	84.65	265.3	79.86
	0	-0.7	307.1	84.31	304.9	85.19	302.7	85.98	293.4	82.82	284.1	79.58	265.3	73.18
	3	2.2	329.3	86.45	321.9	85.19	303.0	79.06	293.4	76.08	284.1	73.11	265.3	67.32
	5	4.1	340.8	86.44	321.9	80.56	303.0	74.81	293.4	72.02	284.1	69.24	265.3	63.79
	7	6	340.8	81.67	321.9	76.13	303.0	70.75	293.4	68.11	284.1	65.49	265.3	60.38
	9	7.9	340.8	76.99	321.9	71.80	303.0	66.73	293.4	64.25	284.1	61.81	265.3	57.01
	11	9.8	340.8	72.49	321.9	67.64	303.0	62.91	293.4	60.58	284.1	58.32	265.3	53.83
	13	11.8	340.8	67.96	321.9	63.45	303.0	59.09	293.4	56.92	284.1	54.81	265.3	50.65
	15	13.7	340.8	63.89	321.9	59.71	303.0	55.62	293.4	53.63	284.1	51.64	265.3	47.77
120	-30	-30.2	138.2	64.88	137.1	65.43	136.3	65.98	135.9	66.23	135.2	66.49	134.4	67.04
	-24.8	-25	160.9	68.29	159.7	68.88	158.6	69.50	157.9	69.79	157.5	70.08	156.3	70.67
	-21.8	-22	175.0	70.27	173.8	70.90	172.4	71.52	171.9	71.85	171.2	72.14	170.1	72.76
	-19.8	-20	184.7	71.59	183.5	72.25	182.4	72.91	181.6	73.24	180.9	73.54	179.7	74.19
	-18.8	-19	189.9	72.25	188.7	72.92	187.2	73.61	186.5	73.94	186.0	74.23	184.6	74.89
	-16.7	-17	200.3	73.61	199.1	74.31	197.6	75.00	196.9	75.33	196.4	75.66	195.0	76.32
	-15	-15.9	206.6	74.39	205.4	75.12	204.0	75.81	203.2	76.15	202.5	76.51	201.3	77.17
	-13.7	-15	212.4	75.10	210.9	75.84	209.7	76.54	209.0	76.90	208.2	77.24	207.1	77.93
	-11.8	-13	223.3	76.40	221.8	77.17	220.3	77.90	219.6	78.24	218.8	78.60	217.3	79.30
	-9.8	-11	235.2	77.82	233.3	78.59	231.8	79.32	231.0	79.69	230.3	80.06	228.7	80.79
	-9.5	-10	240.8	78.48	239.2	79.25	237.4	80.02	236.6	80.39	235.8	80.75	234.3	81.48
	-8.5	-9.1	246.3	79.14	244.8	79.91	242.9	80.68	242.2	81.05	241.4	81.44	239.8	82.18
	-7	-7.6	256.0	80.23	254.4	81.01	252.5	81.81	251.8	82.18	251.0	82.58	244.6	81.13
	-5	-5.6	269.3	81.70	267.4	82.54	265.5	83.34	264.7	83.71	262.3	83.32	244.6	76.61
	-3	-3.7	282.6	83.16	280.7	84.00	278.8	84.81	270.9	82.01	262.3	78.81	244.6	72.52
	0	-0.7	304.1	85.49	297.1	84.08	279.7	78.09	270.9	75.12	262.3	72.22	244.6	66.53
	3	2.2	314.5	82.81	297.1	77.23	279.7	71.77	270.9	69.10	262.3	66.47	244.6	61.28
	5	4.1	314.5	78.33	297.1	73.09	279.7	67.97	270.9	65.45	262.3	62.97	244.6	58.12
	7	6	314.5	74.05	297.1	69.12	279.7	64.30	270.9	61.93	262.3	59.60	244.6	55.02
	9	7.9	314.5	69.84	297.1	65.21	279.7	60.70	270.9	58.48	262.3	56.30	244.6	51.99
	11	9.8	314.5	65.79	297.1	61.47	279.7	57.26	270.9	55.19	262.3	53.16	244.6	49.14
	13	11.8	314.5	61.78	297.1	57.76	279.7	53.85	270.9	51.90	262.3	50.02	244.6	46.27

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	314.5	58.13	297.1	54.40	279.7	50.75	270.9	48.95	262.3	47.18	244.6	43.69
110	-30	-30.2	137.5	65.24	136.7	65.79	135.6	66.31	135.2	66.60	134.8	66.85	133.7	67.37
	-24.8	-25	160.1	68.76	158.9	69.35	157.8	69.94	157.1	70.23	156.7	70.52	155.6	71.08
	-21.8	-22	173.9	70.82	172.7	71.44	171.6	72.06	170.8	72.36	170.4	72.65	169.3	73.27
	-19.8	-20	183.5	72.18	182.4	72.84	181.2	73.46	180.5	73.79	180.1	74.12	178.6	74.71
	-18.8	-19	188.7	72.88	187.2	73.54	186.1	74.20	185.3	74.52	184.9	74.82	183.8	75.47
	-16.7	-17	199.1	74.30	197.6	74.97	196.4	75.66	195.7	75.99	195.0	76.32	193.8	76.94
	-15	-15.9	205.1	75.12	204.0	75.82	202.5	76.51	201.7	76.84	201.3	77.17	199.8	77.83
	-13.7	-15	210.9	75.85	209.4	76.58	208.2	77.27	207.5	77.64	206.7	77.97	205.6	78.63
	-11.8	-13	221.5	77.24	220.0	77.98	218.5	78.68	217.7	79.04	217.3	79.38	215.8	80.07
	-9.8	-11	233.3	78.70	231.4	79.47	229.9	80.20	229.1	80.54	228.4	80.90	224.2	80.20
	-9.5	-10	238.8	79.40	237.3	80.17	235.5	80.90	234.7	81.27	233.9	81.63	224.2	78.16
	-8.5	-9.1	244.4	80.09	242.5	80.86	241.0	81.60	240.2	81.99	239.5	82.33	224.2	76.20
	-7	-7.6	253.7	81.26	252.1	82.03	250.3	82.80	248.3	82.59	240.5	79.37	224.2	73.07
	-5	-5.6	266.7	82.83	265.1	83.64	256.4	81.05	248.3	77.99	240.5	74.97	224.2	69.05
	-3	-3.7	279.9	84.37	272.3	82.57	256.4	76.69	248.3	73.82	240.5	70.96	224.2	65.42
	0	-0.7	288.6	81.07	272.3	75.63	256.4	70.32	248.3	67.72	240.5	65.13	224.2	60.08
	3	2.2	288.6	74.49	272.3	69.55	256.4	64.73	248.3	62.36	240.5	60.02	224.2	55.43
	5	4.1	288.6	70.50	272.3	65.86	256.4	61.34	248.3	59.12	240.5	56.90	224.2	52.61
	7	6	288.6	66.70	272.3	62.34	256.4	58.05	248.3	55.95	240.5	53.88	224.2	49.82
	9	7.9	288.6	62.95	272.3	58.85	256.4	54.86	248.3	52.88	240.5	50.96	224.2	47.13
	11	9.8	288.6	59.36	272.3	55.55	256.4	51.80	248.3	49.96	240.5	48.15	224.2	44.59
	13	11.8	288.6	55.77	272.3	52.23	256.4	48.77	248.3	47.04	240.5	45.35	224.2	42.04
	15	13.7	288.6	52.56	272.3	49.25	256.4	46.01	248.3	44.39	240.5	42.82	224.2	39.73
100	-30	-30.2	136.7	65.68	135.9	66.20	134.8	66.74	134.4	67.00	134.0	67.25	133.0	67.77
	-24.8	-25	159.0	69.31	157.8	69.90	156.7	70.48	156.3	70.75	155.6	71.04	154.8	71.59
	-21.8	-22	172.7	71.44	171.6	72.07	170.4	72.66	169.7	72.98	169.3	73.27	168.2	73.86
	-19.8	-20	182.4	72.88	180.9	73.53	179.7	74.16	179.3	74.45	178.6	74.78	177.5	75.36
	-18.8	-19	187.2	73.61	186.0	74.27	184.6	74.89	184.2	75.22	183.4	75.51	182.3	76.13
	-16.7	-17	197.6	75.11	196.1	75.77	194.9	76.43	194.2	76.76	193.5	77.05	192.3	77.68
	-15	-15.9	203.6	75.97	202.1	76.66	200.9	77.32	200.2	77.65	199.5	77.98	198.3	78.61
	-13.7	-15	209.0	76.76	207.9	77.46	206.7	78.15	205.9	78.48	205.2	78.81	203.9	79.38
	-11.8	-13	219.6	78.20	218.1	78.90	216.6	79.60	215.9	79.96	215.4	80.29	203.9	75.55
	-9.8	-11	231.0	79.76	229.5	80.49	227.9	81.19	225.7	80.84	218.6	77.73	203.9	71.60
	-9.5	-10	236.5	80.50	234.7	81.23	233.1	81.85	225.7	78.76	218.6	75.73	203.9	69.80
	-8.5	-9.1	241.8	81.23	240.2	81.96	233.1	79.78	225.7	76.79	218.6	73.85	203.9	68.07
	-7	-7.6	251.0	82.47	247.6	82.29	233.1	76.50	225.7	73.63	218.6	70.83	203.9	65.29
	-5	-5.6	262.3	83.32	247.6	77.73	233.1	72.26	225.7	69.61	218.6	66.94	203.9	61.77
	-3	-3.7	262.3	78.81	247.6	73.56	233.1	68.43	225.7	65.90	218.6	63.42	203.9	58.56
	0	-0.7	262.3	72.22	247.6	67.46	233.1	62.83	225.7	60.53	218.6	58.30	203.9	53.87
	3	2.2	262.3	66.47	247.6	62.13	233.1	57.91	225.7	55.84	218.6	53.78	203.9	49.75
	5	4.1	262.3	62.97	247.6	58.90	233.1	54.94	225.7	52.98	218.6	51.06	203.9	47.26
	7	6	262.3	59.60	247.6	55.76	233.1	52.03	225.7	50.19	218.6	48.38	203.9	44.78
	9	7.9	262.3	56.30	247.6	52.72	233.1	49.22	225.7	47.49	218.6	45.77	203.9	42.42
	11	9.8	262.3	53.16	247.6	49.81	233.1	46.53	225.7	44.91	218.6	43.33	203.9	40.18
	13	11.8	262.3	50.02	247.6	46.89	233.1	43.84	225.7	42.34	218.6	40.84	203.9	37.94
	15	13.7	262.3	47.18	247.6	44.25	233.1	41.42	225.7	39.99	218.6	38.60	203.9	35.89

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	135.9	66.19	134.8	66.71	134.0	67.22	133.7	67.47	133.0	67.73	132.2	68.21
	-24.8	-25	157.8	69.97	156.7	70.56	155.6	71.11	155.2	71.40	154.4	71.66	153.3	72.21
	-21.8	-22	171.2	72.21	170.1	72.80	168.9	73.42	168.2	73.71	167.8	73.97	166.7	74.55
	-19.8	-20	180.5	73.72	179.4	74.34	178.2	74.96	177.8	75.26	177.1	75.55	175.9	76.13
	-18.8	-19	185.6	74.49	184.2	75.14	183.0	75.73	182.3	76.06	181.9	76.35	180.7	76.94
	-16.7	-17	195.7	76.06	194.2	76.72	193.0	77.35	192.3	77.67	191.6	77.97	183.5	74.56
	-15	-15.9	201.7	76.99	200.2	77.65	199.0	78.31	198.3	78.61	196.5	78.37	183.5	72.22
	-13.7	-15	207.1	77.83	205.9	78.52	204.4	79.18	203.1	79.11	196.5	76.04	183.5	70.03
	-11.8	-13	217.3	79.34	215.8	80.04	209.8	78.13	203.1	75.24	196.5	72.36	183.5	66.72
	-9.8	-11	228.3	81.01	222.8	79.60	209.8	74.03	203.1	71.30	196.5	68.57	183.5	63.26
	-9.5	-10	233.5	81.78	222.8	77.56	209.8	72.15	203.1	69.50	196.5	66.86	183.5	61.72
	-8.5	-9.1	236.0	80.98	222.8	75.60	209.8	70.38	203.1	67.77	196.5	65.24	183.5	60.22
	-7	-7.6	236.0	77.65	222.8	72.51	209.8	67.49	203.1	65.03	196.5	62.61	183.5	57.82
	-5	-5.6	236.0	73.34	222.8	68.53	209.8	63.81	203.1	61.51	196.5	59.24	183.5	54.73
	-3	-3.7	236.0	69.43	222.8	64.93	209.8	60.49	203.1	58.30	196.5	56.15	183.5	51.93
	0	-0.7	236.0	63.75	222.8	59.64	209.8	55.64	203.1	53.65	196.5	51.69	183.5	47.85
	3	2.2	236.0	58.76	222.8	55.03	209.8	51.37	203.1	49.56	196.5	47.79	183.5	44.29
	5	4.1	236.0	55.72	222.8	52.20	209.8	48.77	203.1	47.07	196.5	45.41	183.5	42.10
	7	6	236.0	52.77	222.8	49.46	209.8	46.22	203.1	44.63	196.5	43.05	183.5	39.93
	9	7.9	236.0	49.89	222.8	46.80	209.8	43.78	203.1	42.27	196.5	40.77	183.5	37.87
	11	9.8	236.0	47.19	222.8	44.29	209.8	41.43	203.1	40.03	196.5	38.64	183.5	35.89
	13	11.8	236.0	44.43	222.8	41.75	209.8	39.08	203.1	37.79	196.5	36.48	183.5	33.95
	15	13.7	236.0	41.97	222.8	39.44	209.8	36.95	203.1	35.74	196.5	34.53	183.5	32.16
80	-30	-30.2	134.8	66.81	133.7	67.33	132.9	67.84	132.5	68.06	132.1	68.32	131.1	68.79
	-24.8	-25	156.3	70.78	155.2	71.36	154.1	71.91	153.7	72.17	153.0	72.42	152.1	72.97
	-21.8	-22	169.3	73.16	168.2	73.75	167.1	74.30	166.7	74.59	165.9	74.88	163.2	74.24
	-19.8	-20	178.6	74.74	177.5	75.36	176.3	75.95	175.6	76.24	174.6	76.23	163.2	70.40
	-18.8	-19	183.4	75.58	182.3	76.17	181.1	76.79	180.4	77.08	174.7	74.31	163.2	68.58
	-16.7	-17	193.1	77.23	191.9	77.86	186.5	75.94	180.6	73.17	174.7	70.44	163.2	65.02
	-15	-15.9	199.1	78.23	197.9	78.86	186.5	73.57	180.6	70.88	174.7	68.22	163.2	62.99
	-13.7	-15	204.5	79.14	198.0	76.71	186.5	71.34	180.6	68.69	174.7	66.09	163.2	60.98
	-11.8	-13	209.8	78.13	198.0	73.00	186.5	67.95	180.6	65.49	174.7	63.06	163.2	58.19
	-9.8	-11	209.8	74.03	198.0	69.17	186.5	64.45	180.6	62.11	174.7	59.80	163.2	55.29
	-9.5	-10	209.8	72.15	198.0	67.45	186.5	62.87	180.6	60.61	174.7	58.38	163.2	54.00
	-8.5	-9.1	209.8	70.38	198.0	65.80	186.5	61.34	180.6	59.14	174.7	56.96	163.2	52.69
	-7	-7.6	209.8	67.49	198.0	63.14	186.5	58.87	180.6	56.78	174.7	54.71	163.2	50.60
	-5	-5.6	209.8	63.81	198.0	59.73	186.5	55.73	180.6	53.76	174.7	51.80	163.2	47.96
	-3	-3.7	209.8	60.49	198.0	56.63	186.5	52.86	180.6	51.01	174.7	49.19	163.2	45.58
	0	-0.7	209.8	55.64	198.0	52.13	186.5	48.70	180.6	47.03	174.7	45.34	163.2	42.06
	3	2.2	209.8	51.37	198.0	48.17	186.5	45.07	180.6	43.52	174.7	41.98	163.2	39.00
	5	4.1	209.8	48.77	198.0	45.78	186.5	42.84	180.6	41.37	174.7	39.94	163.2	37.11
	7	6	209.8	46.22	198.0	43.38	186.5	40.63	180.6	39.27	174.7	37.91	163.2	35.24
	9	7.9	209.8	43.78	198.0	41.10	186.5	38.53	180.6	37.25	174.7	35.97	163.2	33.48
	11	9.8	209.8	41.43	198.0	38.93	186.5	36.51	180.6	35.31	174.7	34.10	163.2	31.76
	13	11.8	209.8	39.08	198.0	36.77	186.5	34.50	180.6	33.37	174.7	32.27	163.2	30.08
	15	13.7	209.8	36.95	198.0	34.79	186.5	32.67	180.6	31.62	174.7	30.59	163.2	28.52
70	-30	-30.2	133.3	67.62	132.5	68.10	131.5	68.57	131.1	68.83	130.7	69.08	129.9	69.52

34. ARUM740LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	154.1	71.80	153.3	72.35	152.2	72.86	151.8	73.12	151.4	73.37	142.8	68.88
	-21.8	-22	167.1	74.33	165.9	74.88	163.2	74.24	158.0	71.54	152.8	68.88	142.8	63.67
	-19.8	-20	176.3	76.02	173.5	75.57	163.2	70.40	158.0	67.86	152.8	65.35	142.8	60.42
	-18.8	-19	180.8	76.90	173.5	73.56	163.2	68.58	158.0	66.11	152.8	63.68	142.8	58.87
	-16.7	-17	183.5	74.56	173.5	69.73	163.2	65.02	158.0	62.70	152.8	60.39	142.8	55.88
	-15	-15.9	183.5	72.23	173.5	67.55	163.2	62.99	158.0	60.72	152.8	58.45	142.8	54.03
	-13.7	-15	183.5	70.03	173.5	65.45	163.2	60.99	158.0	58.79	152.8	56.60	142.8	52.34
	-11.8	-13	183.5	66.72	173.5	62.43	163.2	58.19	158.0	56.08	152.8	54.04	142.8	49.97
	-9.8	-11	183.5	63.26	173.5	59.23	163.2	55.29	158.0	53.32	152.8	51.42	142.8	47.61
	-9.5	-10	183.5	61.72	173.5	57.82	163.2	54.00	158.0	52.11	152.8	50.22	142.8	46.55
	-8.5	-9.1	183.5	60.22	173.5	56.43	163.2	52.69	158.0	50.84	152.8	49.03	142.8	45.44
	-7	-7.6	183.5	57.82	173.5	54.19	163.2	50.60	158.0	48.86	152.8	47.12	142.8	43.69
	-5	-5.6	183.5	54.73	173.5	51.32	163.2	47.99	158.0	46.33	152.8	44.70	142.8	41.47
	-3	-3.7	183.5	51.93	173.5	48.72	163.2	45.58	158.0	44.03	152.8	42.48	142.8	39.43
	0	-0.7	183.5	47.85	173.5	44.94	163.2	42.06	158.0	40.66	152.8	39.27	142.8	36.48
	3	2.2	183.5	44.29	173.5	41.61	163.2	39.00	158.0	37.71	152.8	36.43	142.8	33.90
	5	4.1	183.5	42.10	173.5	39.57	163.2	37.11	158.0	35.87	152.8	34.66	142.8	32.28
	7	6	183.5	39.93	173.5	37.58	163.2	35.24	158.0	34.10	152.8	32.94	142.8	30.71
	9	7.9	183.5	37.87	173.5	35.64	163.2	33.48	158.0	32.39	152.8	31.33	142.8	29.21
	11	9.8	183.5	35.89	173.5	33.81	163.2	31.76	158.0	30.77	152.8	29.76	142.8	27.79
	13	11.8	183.5	33.95	173.5	31.98	163.2	30.08	158.0	29.13	152.8	28.19	142.8	26.34
	15	13.7	183.5	32.16	173.5	30.34	163.2	28.52	158.0	27.64	152.8	26.77	142.8	25.03
60	-30	-30.2	131.4	68.64	130.7	69.11	129.9	69.56	129.2	69.81	128.8	70.03	122.4	66.26
	-24.8	-25	151.8	73.11	148.7	72.11	139.9	67.27	135.4	64.90	131.0	62.54	122.4	57.86
	-21.8	-22	157.3	71.16	148.7	66.63	139.9	62.21	135.4	60.01	131.0	57.84	122.4	53.55
	-19.8	-20	157.3	67.52	148.7	63.25	139.9	59.03	135.4	56.98	131.0	54.93	122.4	50.88
	-18.8	-19	157.3	65.77	148.7	61.59	139.9	57.52	135.4	55.51	131.0	53.54	122.4	49.60
	-16.7	-17	157.3	62.37	148.7	58.45	139.9	54.59	135.4	52.69	131.0	50.83	122.4	47.12
	-15	-15.9	157.3	60.38	148.7	56.55	139.9	52.80	135.4	50.95	131.0	49.13	122.4	45.51
	-13.7	-15	157.3	58.49	148.7	54.78	139.9	51.15	135.4	49.37	131.0	47.60	122.4	44.12
	-11.8	-13	157.3	55.79	148.7	52.27	139.9	48.82	135.4	47.12	131.0	45.46	122.4	42.14
	-9.8	-11	157.3	53.06	148.7	49.79	139.9	46.50	135.4	44.88	131.0	43.30	122.4	40.17
	-9.5	-10	157.3	51.81	148.7	48.63	139.9	45.52	135.4	43.97	131.0	42.42	122.4	39.43
	-8.5	-9.1	157.3	50.58	148.7	47.48	139.9	44.44	135.4	42.93	131.0	41.45	122.4	38.51
	-7	-7.6	157.3	48.61	148.7	45.65	139.9	42.73	135.4	41.30	131.0	39.89	122.4	37.07
	-5	-5.6	157.3	46.08	148.7	43.31	139.9	40.58	135.4	39.22	131.0	37.89	122.4	35.25
	-3	-3.7	157.3	43.81	148.7	41.16	139.9	38.59	135.4	37.33	131.0	36.05	122.4	33.56
	0	-0.7	157.3	40.45	148.7	38.06	139.9	35.71	135.4	34.54	131.0	33.40	122.4	31.13
	3	2.2	157.3	37.53	148.7	35.33	139.9	33.18	135.4	32.11	131.0	31.09	122.4	29.01
	5	4.1	157.3	35.72	148.7	33.64	139.9	31.62	135.4	30.60	131.0	29.62	122.4	27.65
	7	6	157.3	33.92	148.7	31.99	139.9	30.09	135.4	29.14	131.0	28.20	122.4	26.34
	9	7.9	157.3	32.24	148.7	30.41	139.9	28.63	135.4	27.72	131.0	26.85	122.4	25.10
	11	9.8	157.3	30.63	148.7	28.92	139.9	27.21	135.4	26.37	131.0	25.57	122.4	23.94
	13	11.8	157.3	28.99	148.7	27.39	139.9	25.82	135.4	25.03	131.0	24.27	122.4	22.74
	15	13.7	157.3	27.53	148.7	26.01	139.9	24.55	135.4	23.83	131.0	23.10	122.4	21.66
50	-30	-30.2	128.8	69.99	123.9	67.16	116.5	62.72	112.9	60.54	109.2	58.37	102.1	54.10
	-24.8	-25	131.0	62.54	123.9	58.65	116.5	54.83	112.9	52.93	109.2	51.07	102.1	47.38

34. ARUM740LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	131.0	57.84	123.9	54.26	116.5	50.76	112.9	49.04	109.2	47.33	102.1	43.95
	-19.8	-20	131.0	54.93	123.9	51.55	116.5	48.24	112.9	46.60	109.2	45.00	102.1	41.79
	-18.8	-19	131.0	53.54	123.9	50.26	116.5	47.03	112.9	45.44	109.2	43.88	102.1	40.77
	-16.7	-17	131.0	50.83	123.9	47.75	116.5	44.71	112.9	43.19	109.2	41.71	102.1	38.79
	-15	-15.9	131.0	49.13	123.9	46.10	116.5	43.18	112.9	41.70	109.2	40.27	102.1	37.43
	-13.7	-15	131.0	47.60	123.9	44.68	116.5	41.83	112.9	40.43	109.2	39.03	102.1	36.28
	-11.8	-13	131.0	45.46	123.9	42.69	116.5	39.97	112.9	38.64	109.2	37.32	102.1	34.71
	-9.8	-11	131.0	43.30	123.9	40.68	116.5	38.11	112.9	36.86	109.2	35.58	102.1	33.12
	-9.5	-10	131.0	42.42	123.9	39.92	116.5	37.45	112.9	36.23	109.2	35.02	102.1	32.63
	-8.5	-9.1	131.0	41.45	123.9	39.02	116.5	36.60	112.9	35.42	109.2	34.24	102.1	31.90
	-7	-7.6	131.0	39.89	123.9	37.54	116.5	35.23	112.9	34.09	109.2	32.99	102.1	30.76
	-5	-5.6	131.0	37.89	123.9	35.69	116.5	33.50	112.9	32.43	109.2	31.37	102.1	29.29
	-3	-3.7	131.0	36.05	123.9	34.00	116.5	31.95	112.9	30.92	109.2	29.94	102.1	27.96
	0	-0.7	131.0	33.40	123.9	31.50	116.5	29.64	112.9	28.72	109.2	27.81	102.1	25.99
	3	2.2	131.0	31.09	123.9	29.34	116.5	27.62	112.9	26.79	109.2	25.95	102.1	24.31
	5	4.1	131.0	29.62	123.9	27.98	116.5	26.38	112.9	25.58	109.2	24.78	102.1	23.22
	7	6	131.0	28.20	123.9	26.67	116.5	25.14	112.9	24.38	109.2	23.65	102.1	22.17
	9	7.9	131.0	26.85	123.9	25.39	116.5	23.98	112.9	23.25	109.2	22.56	102.1	21.19
	11	9.8	131.0	25.57	123.9	24.19	116.5	22.85	112.9	22.20	109.2	21.55	102.1	20.25
	13	11.8	131.0	24.27	123.9	23.00	116.5	21.73	112.9	21.12	109.2	20.50	102.1	19.28
	15	13.7	131.0	23.10	123.9	21.91	116.5	20.72	112.9	20.14	109.2	19.56	102.1	18.41

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

34. ARUM740LTE6

34.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	138.9	64.58	137.8	65.13	136.7	65.68	136.3	65.94	135.9	66.23	134.8	66.75
	-24.8	-25	161.6	67.89	160.5	68.51	159.3	69.10	158.6	69.39	158.2	69.72	157.1	70.30
	-21.8	-22	175.8	69.80	174.6	70.45	173.4	71.08	172.7	71.41	172.3	71.70	170.9	72.33
	-19.8	-20	185.8	71.08	184.6	71.74	183.2	72.40	182.4	72.73	182.0	73.06	180.8	73.72
	-18.8	-19	191.0	71.71	189.5	72.40	188.3	73.09	187.6	73.42	186.9	73.75	185.7	74.38
	-16.7	-17	201.4	73.02	200.2	73.72	198.8	74.42	198.0	74.78	197.6	75.11	196.1	75.77
	-15	-15.9	208.1	73.76	206.6	74.49	205.1	75.22	204.4	75.56	203.6	75.92	202.4	76.59
	-13.7	-15	213.6	74.44	212.1	75.18	210.9	75.91	210.1	76.28	209.4	76.64	208.2	77.34
	-11.8	-13	224.5	75.70	223.0	76.47	221.5	77.21	220.7	77.58	220.0	77.94	218.5	78.67
	-9.8	-11	236.7	77.05	234.9	77.82	233.3	78.59	232.5	78.96	231.8	79.33	230.3	80.06
	-9.5	-10	242.3	77.67	240.8	78.45	239.2	79.25	238.4	79.62	237.4	80.02	235.8	80.75
	-8.5	-9.1	248.2	78.29	246.4	79.10	244.8	79.87	244.0	80.27	243.2	80.64	241.4	81.41
	-7	-7.6	257.9	79.32	256.3	80.16	254.4	80.96	253.7	81.34	252.6	81.74	251.0	82.51
	-5	-5.6	271.6	80.74	269.7	81.58	267.8	82.39	267.0	82.80	265.9	83.20	264.0	84.00
	-3	-3.7	284.9	82.09	283.0	82.97	281.1	83.81	280.0	84.22	279.2	84.65	265.3	79.86
	0	-0.7	307.1	84.31	304.9	85.19	302.7	85.98	293.4	82.82	284.1	79.58	265.3	73.18
	3	2.2	329.3	86.45	321.9	85.19	303.0	79.06	293.4	76.08	284.1	73.11	265.3	67.32
	5	4.1	322.6	78.99	303.4	73.31	284.5	67.79	274.9	65.08	265.3	62.41	246.0	57.15
	7	6	303.8	67.73	284.5	62.59	265.3	57.60	255.6	55.13	245.7	52.73	226.4	47.98
	9	7.9	284.5	57.44	264.9	52.87	245.3	48.38	235.7	46.21	225.7	44.04	206.1	39.79
	11	9.8	264.5	48.23	244.9	44.18	225.0	40.22	215.0	38.28	205.0	36.34	185.0	32.58
	13	11.8	243.8	39.93	223.9	36.38	203.9	32.91	193.9	31.20	183.9	29.52	163.2	26.21
	15	13.7	222.4	32.77	202.4	29.67	182.0	26.62	171.7	25.13	161.7	23.68	140.9	20.78
120	-30	-30.2	138.2	64.88	137.1	65.43	136.3	65.98	135.9	66.23	135.2	66.49	134.4	67.04
	-24.8	-25	160.9	68.29	159.7	68.88	158.6	69.50	157.9	69.79	157.5	70.08	156.3	70.67
	-21.8	-22	175.0	70.27	173.8	70.90	172.4	71.52	171.9	71.85	171.2	72.14	170.1	72.76
	-19.8	-20	184.7	71.59	183.5	72.25	182.4	72.91	181.6	73.24	180.9	73.54	179.7	74.19
	-18.8	-19	189.9	72.25	188.7	72.92	187.2	73.61	186.5	73.94	186.0	74.23	184.6	74.89
	-16.7	-17	200.3	73.61	199.1	74.31	197.6	75.00	196.9	75.33	196.4	75.66	195.0	76.32
	-15	-15.9	206.6	74.39	205.4	75.12	204.0	75.81	203.2	76.15	202.5	76.51	201.3	77.17
	-13.7	-15	212.4	75.10	210.9	75.84	209.7	76.54	209.0	76.90	208.2	77.24	207.1	77.93
	-11.8	-13	223.3	76.40	221.8	77.17	220.3	77.90	219.6	78.24	218.8	78.60	217.3	79.30
	-9.8	-11	235.2	77.82	233.3	78.59	231.8	79.32	231.0	79.69	230.3	80.06	228.7	80.79
	-9.5	-10	240.8	78.48	239.2	79.25	237.4	80.02	236.6	80.39	235.8	80.75	234.3	81.48
	-8.5	-9.1	246.3	79.14	244.8	79.91	242.9	80.68	242.2	81.05	241.4	81.44	239.8	82.18
	-7	-7.6	256.0	80.23	254.4	81.01	252.5	81.81	251.8	82.18	251.0	82.58	244.6	81.13
	-5	-5.6	269.3	81.70	267.4	82.54	265.5	83.34	264.7	83.71	262.3	83.32	244.6	76.61
	-3	-3.7	282.6	83.16	280.7	84.00	278.8	84.81	270.9	82.01	262.3	78.81	244.6	72.52
	0	-0.7	304.1	85.49	297.1	84.08	279.7	78.09	270.9	75.12	262.3	72.22	244.6	66.53
	3	2.2	314.5	82.81	297.1	77.23	279.7	71.77	270.9	69.10	262.3	66.47	244.6	61.28
	5	4.1	297.8	71.64	280.1	66.60	262.7	61.64	253.8	59.23	244.9	56.82	227.2	52.13
	7	6	280.5	61.52	262.7	56.94	244.9	52.48	236.0	50.27	226.8	48.13	209.0	43.87
	9	7.9	262.7	52.28	244.6	48.20	226.5	44.19	217.6	42.24	208.3	40.30	190.2	36.49
	11	9.8	244.2	44.04	226.1	40.41	207.6	36.85	198.7	35.10	189.4	33.38	170.9	29.99
	13	11.8	225.0	36.57	206.8	33.38	188.3	30.25	179.1	28.72	169.5	27.20	150.6	24.22

34. ARUM740LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	205.3	30.11	186.8	27.31	168.0	24.58	158.7	23.24	149.1	21.94	129.9	19.30
110	-30	-30.2	137.5	65.24	136.7	65.79	135.6	66.31	135.2	66.60	134.8	66.85	133.7	67.37
	-24.8	-25	160.1	68.76	158.9	69.35	157.8	69.94	157.1	70.23	156.7	70.52	155.6	71.08
	-21.8	-22	173.9	70.82	172.7	71.44	171.6	72.06	170.8	72.36	170.4	72.65	169.3	73.27
	-19.8	-20	183.5	72.18	182.4	72.84	181.2	73.46	180.5	73.79	180.1	74.12	178.6	74.71
	-18.8	-19	188.7	72.88	187.2	73.54	186.1	74.20	185.3	74.52	184.9	74.82	183.8	75.47
	-16.7	-17	199.1	74.30	197.6	74.97	196.4	75.66	195.7	75.99	195.0	76.32	193.8	76.94
	-15	-15.9	205.1	75.12	204.0	75.82	202.5	76.51	201.7	76.84	201.3	77.17	199.8	77.83
	-13.7	-15	210.9	75.85	209.4	76.58	208.2	77.27	207.5	77.64	206.7	77.97	205.6	78.63
	-11.8	-13	221.5	77.24	220.0	77.98	218.5	78.68	217.7	79.04	217.3	79.38	215.8	80.07
	-9.8	-11	233.3	78.70	231.4	79.47	229.9	80.20	229.1	80.54	228.4	80.90	224.2	80.20
	-9.5	-10	238.8	79.40	237.3	80.17	235.5	80.90	234.7	81.27	233.9	81.63	224.2	78.16
	-8.5	-9.1	244.4	80.09	242.5	80.86	241.0	81.60	240.2	81.99	239.5	82.33	224.2	76.20
	-7	-7.6	253.7	81.26	252.1	82.03	250.3	82.80	248.3	82.59	240.5	79.37	224.2	73.07
	-5	-5.6	266.7	82.83	265.1	83.64	256.4	81.05	248.3	77.99	240.5	74.97	224.2	69.05
	-3	-3.7	279.9	84.37	272.3	82.57	256.4	76.69	248.3	73.82	240.5	70.96	224.2	65.42
	0	-0.7	288.6	81.07	272.3	75.63	256.4	70.32	248.3	67.72	240.5	65.13	224.2	60.08
	3	2.2	288.6	74.49	272.3	69.55	256.4	64.73	248.3	62.36	240.5	60.02	224.2	55.43
	5	4.1	273.1	64.56	256.8	60.08	240.5	55.71	232.7	53.57	224.6	51.43	208.3	47.26
	7	6	257.1	55.54	240.9	51.48	224.6	47.51	216.1	45.59	208.0	43.65	191.6	39.86
	9	7.9	240.8	47.32	224.2	43.68	207.6	40.15	199.4	38.40	191.0	36.67	174.3	33.27
	11	9.8	223.8	39.97	207.2	36.74	190.5	33.57	182.0	32.03	173.5	30.50	156.5	27.45
	13	11.8	206.1	33.31	189.4	30.47	172.4	27.70	163.9	26.32	155.4	24.97	138.3	22.29
	15	13.7	188.0	27.53	171.0	25.05	153.9	22.59	145.4	21.40	136.6	20.21	119.1	17.89
100	-30	-30.2	136.7	65.68	135.9	66.20	134.8	66.74	134.4	67.00	134.0	67.25	133.0	67.77
	-24.8	-25	159.0	69.31	157.8	69.90	156.7	70.48	156.3	70.75	155.6	71.04	154.8	71.59
	-21.8	-22	172.7	71.44	171.6	72.07	170.4	72.66	169.7	72.98	169.3	73.27	168.2	73.86
	-19.8	-20	182.4	72.88	180.9	73.53	179.7	74.16	179.3	74.45	178.6	74.78	177.5	75.36
	-18.8	-19	187.2	73.61	186.0	74.27	184.6	74.89	184.2	75.22	183.4	75.51	182.3	76.13
	-16.7	-17	197.6	75.11	196.1	75.77	194.9	76.43	194.2	76.76	193.5	77.05	192.3	77.68
	-15	-15.9	203.6	75.97	202.1	76.66	200.9	77.32	200.2	77.65	199.5	77.98	198.3	78.61
	-13.7	-15	209.0	76.76	207.9	77.46	206.7	78.15	205.9	78.48	205.2	78.81	203.9	79.38
	-11.8	-13	219.6	78.20	218.1	78.90	216.6	79.60	215.9	79.96	215.4	80.29	203.9	75.55
	-9.8	-11	231.0	79.76	229.5	80.49	227.9	81.19	225.7	80.84	218.6	77.73	203.9	71.60
	-9.5	-10	236.5	80.50	234.7	81.23	233.1	81.85	225.7	78.76	218.6	75.73	203.9	69.80
	-8.5	-9.1	241.8	81.23	240.2	81.96	233.1	79.78	225.7	76.79	218.6	73.85	203.9	68.07
	-7	-7.6	251.0	82.47	247.6	82.29	233.1	76.50	225.7	73.63	218.6	70.83	203.9	65.29
	-5	-5.6	262.3	83.32	247.6	77.73	233.1	72.26	225.7	69.61	218.6	66.94	203.9	61.77
	-3	-3.7	262.3	78.81	247.6	73.56	233.1	68.43	225.7	65.90	218.6	63.42	203.9	58.56
	0	-0.7	262.3	72.22	247.6	67.46	233.1	62.83	225.7	60.53	218.6	58.30	203.9	53.87
	3	2.2	262.3	66.47	247.6	62.13	233.1	57.91	225.7	55.84	218.6	53.78	203.9	49.75
	5	4.1	248.3	57.75	233.5	53.83	218.7	49.99	211.3	48.10	203.9	46.23	189.1	42.55
	7	6	233.8	49.75	219.0	46.22	203.9	42.73	196.5	41.03	189.1	39.32	174.2	35.98
	9	7.9	219.0	42.54	203.9	39.34	188.7	36.20	181.3	34.66	173.6	33.16	158.4	30.17
	11	9.8	203.5	36.02	188.3	33.20	173.2	30.39	165.4	29.04	157.7	27.66	142.4	25.01
	13	11.8	187.6	30.14	172.4	27.63	156.9	25.19	149.1	23.96	141.3	22.77	125.8	20.41
	15	13.7	171.0	25.02	155.4	22.81	139.9	20.67	132.1	19.62	124.3	18.55	108.4	16.49

34. ARUM740LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	135.9	66.19	134.8	66.71	134.0	67.22	133.7	67.47	133.0	67.73	132.2	68.21
	-24.8	-25	157.8	69.97	156.7	70.56	155.6	71.11	155.2	71.40	154.4	71.66	153.3	72.21
	-21.8	-22	171.2	72.21	170.1	72.80	168.9	73.42	168.2	73.71	167.8	73.97	166.7	74.55
	-19.8	-20	180.5	73.72	179.4	74.34	178.2	74.96	177.8	75.26	177.1	75.55	175.9	76.13
	-18.8	-19	185.6	74.49	184.2	75.14	183.0	75.73	182.3	76.06	181.9	76.35	180.7	76.94
	-16.7	-17	195.7	76.06	194.2	76.72	193.0	77.35	192.3	77.67	191.6	77.97	183.5	74.56
	-15	-15.9	201.7	76.99	200.2	77.65	199.0	78.31	198.3	78.61	196.5	78.37	183.5	72.22
	-13.7	-15	207.1	77.83	205.9	78.52	204.4	79.18	203.1	79.11	196.5	76.04	183.5	70.03
	-11.8	-13	217.3	79.34	215.8	80.04	209.8	78.13	203.1	75.24	196.5	72.36	183.5	66.72
	-9.8	-11	228.3	81.01	222.8	79.60	209.8	74.03	203.1	71.30	196.5	68.57	183.5	63.26
	-9.5	-10	233.5	81.78	222.8	77.56	209.8	72.15	203.1	69.50	196.5	66.86	183.5	61.72
	-8.5	-9.1	236.0	80.98	222.8	75.60	209.8	70.38	203.1	67.77	196.5	65.24	183.5	60.22
	-7	-7.6	236.0	77.65	222.8	72.51	209.8	67.49	203.1	65.03	196.5	62.61	183.5	57.82
	-5	-5.6	236.0	73.34	222.8	68.53	209.8	63.81	203.1	61.51	196.5	59.24	183.5	54.73
	-3	-3.7	236.0	69.43	222.8	64.93	209.8	60.49	203.1	58.30	196.5	56.15	183.5	51.93
	0	-0.7	236.0	63.75	222.8	59.64	209.8	55.64	203.1	53.65	196.5	51.69	183.5	47.85
	3	2.2	236.0	58.76	222.8	55.03	209.8	51.37	203.1	49.56	196.5	47.79	183.5	44.29
	5	4.1	223.5	51.17	210.2	47.78	196.9	44.46	190.2	42.80	183.5	41.19	170.2	37.96
	7	6	210.5	44.20	197.2	41.11	183.5	38.10	176.9	36.60	170.2	35.14	156.8	32.25
	9	7.9	196.9	37.88	183.5	35.13	169.9	32.40	163.2	31.08	156.5	29.73	142.8	27.11
	11	9.8	183.1	32.22	169.5	29.74	155.8	27.33	148.8	26.13	142.1	24.94	128.0	22.61
	13	11.8	168.7	27.08	155.0	24.90	141.3	22.73	134.3	21.68	127.3	20.63	113.2	18.57
	15	13.7	153.9	22.59	139.9	20.67	126.1	18.80	118.8	17.86	111.8	16.93	97.30	15.13
80	-30	-30.2	134.8	66.81	133.7	67.33	132.9	67.84	132.5	68.06	132.1	68.32	131.1	68.79
	-24.8	-25	156.3	70.78	155.2	71.36	154.1	71.91	153.7	72.17	153.0	72.42	152.1	72.97
	-21.8	-22	169.3	73.16	168.2	73.75	167.1	74.30	166.7	74.59	165.9	74.88	163.2	74.24
	-19.8	-20	178.6	74.74	177.5	75.36	176.3	75.95	175.6	76.24	174.6	76.23	163.2	70.40
	-18.8	-19	183.4	75.58	182.3	76.17	181.1	76.79	180.4	77.08	174.7	74.31	163.2	68.58
	-16.7	-17	193.1	77.23	191.9	77.86	186.5	75.94	180.6	73.17	174.7	70.44	163.2	65.02
	-15	-15.9	199.1	78.23	197.9	78.86	186.5	73.57	180.6	70.88	174.7	68.22	163.2	62.99
	-13.7	-15	204.5	79.14	198.0	76.71	186.5	71.34	180.6	68.69	174.7	66.09	163.2	60.98
	-11.8	-13	209.8	78.13	198.0	73.00	186.5	67.95	180.6	65.49	174.7	63.06	163.2	58.19
	-9.8	-11	209.8	74.03	198.0	69.17	186.5	64.45	180.6	62.11	174.7	59.80	163.2	55.29
	-9.5	-10	209.8	72.15	198.0	67.45	186.5	62.87	180.6	60.61	174.7	58.38	163.2	54.00
	-8.5	-9.1	209.8	70.38	198.0	65.80	186.5	61.34	180.6	59.14	174.7	56.96	163.2	52.69
	-7	-7.6	209.8	67.49	198.0	63.14	186.5	58.87	180.6	56.78	174.7	54.71	163.2	50.60
	-5	-5.6	209.8	63.81	198.0	59.73	186.5	55.73	180.6	53.76	174.7	51.80	163.2	47.96
	-3	-3.7	209.8	60.49	198.0	56.63	186.5	52.86	180.6	51.01	174.7	49.19	163.2	45.58
	0	-0.7	209.8	55.64	198.0	52.13	186.5	48.70	180.6	47.03	174.7	45.34	163.2	42.06
	3	2.2	209.8	51.37	198.0	48.17	186.5	45.07	180.6	43.52	174.7	41.98	163.2	39.00
	5	4.1	198.7	44.86	186.8	41.96	175.0	39.10	169.1	37.70	163.2	36.28	151.3	33.53
	7	6	186.9	38.87	175.0	36.23	163.2	33.64	157.3	32.36	151.3	31.08	139.2	28.60
	9	7.9	175.0	33.42	163.2	31.05	151.0	28.72	145.0	27.58	139.1	26.42	126.9	24.17
	11	9.8	162.8	28.54	150.6	26.42	138.4	24.35	132.4	23.30	126.2	22.29	113.9	20.27
	13	11.8	149.9	24.11	137.7	22.22	125.4	20.38	119.2	19.47	113.2	18.57	100.6	16.78
	15	13.7	136.9	20.24	124.3	18.58	112.1	16.96	105.8	16.17	99.50	15.35	86.60	13.77
70	-30	-30.2	133.3	67.62	132.5	68.10	131.5	68.57	131.1	68.83	130.7	69.08	129.9	69.52

34. ARUM740LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	154.1	71.80	153.3	72.35	152.2	72.86	151.8	73.12	151.4	73.37	142.8	68.88
	-21.8	-22	167.1	74.33	165.9	74.88	163.2	74.24	158.0	71.54	152.8	68.88	142.8	63.67
	-19.8	-20	176.3	76.02	173.5	75.57	163.2	70.40	158.0	67.86	152.8	65.35	142.8	60.42
	-18.8	-19	180.8	76.90	173.5	73.56	163.2	68.58	158.0	66.11	152.8	63.68	142.8	58.87
	-16.7	-17	183.5	74.56	173.5	69.73	163.2	65.02	158.0	62.70	152.8	60.39	142.8	55.88
	-15	-15.9	183.5	72.23	173.5	67.55	163.2	62.99	158.0	60.72	152.8	58.45	142.8	54.03
	-13.7	-15	183.5	70.03	173.5	65.45	163.2	60.99	158.0	58.79	152.8	56.60	142.8	52.34
	-11.8	-13	183.5	66.72	173.5	62.43	163.2	58.19	158.0	56.08	152.8	54.04	142.8	49.97
	-9.8	-11	183.5	63.26	173.5	59.23	163.2	55.29	158.0	53.32	152.8	51.42	142.8	47.61
	-9.5	-10	183.5	61.72	173.5	57.82	163.2	54.00	158.0	52.11	152.8	50.22	142.8	46.55
	-8.5	-9.1	183.5	60.22	173.5	56.43	163.2	52.69	158.0	50.84	152.8	49.03	142.8	45.44
	-7	-7.6	183.5	57.82	173.5	54.19	163.2	50.60	158.0	48.86	152.8	47.12	142.8	43.69
	-5	-5.6	183.5	54.73	173.5	51.32	163.2	47.99	158.0	46.33	152.8	44.70	142.8	41.47
	-3	-3.7	183.5	51.93	173.5	48.72	163.2	45.58	158.0	44.03	152.8	42.48	142.8	39.43
	0	-0.7	183.5	47.85	173.5	44.94	163.2	42.06	158.0	40.66	152.8	39.27	142.8	36.48
	3	2.2	183.5	44.29	173.5	41.61	163.2	39.00	158.0	37.71	152.8	36.43	142.8	33.90
	5	4.1	173.9	38.80	163.5	36.35	153.2	33.93	148.0	32.76	142.8	31.59	132.5	29.26
	7	6	163.6	33.71	153.2	31.52	142.8	29.33	137.6	28.24	132.4	27.18	121.8	25.08
	9	7.9	153.2	29.15	142.8	27.15	132.1	25.18	126.9	24.21	121.7	23.23	111.0	21.34
	11	9.8	142.4	25.01	131.7	23.23	121.3	21.46	115.8	20.59	110.6	19.72	99.60	18.00
	13	11.8	131.3	21.25	120.6	19.66	109.9	18.10	104.3	17.32	98.80	16.56	88.00	15.05
	15	13.7	119.8	17.97	108.8	16.56	98.00	15.17	92.50	14.49	87.00	13.84	75.80	12.48
60	-30	-30.2	131.4	68.64	130.7	69.11	129.9	69.56	129.2	69.81	128.8	70.03	122.4	66.26
	-24.8	-25	151.8	73.11	148.7	72.11	139.9	67.27	135.4	64.90	131.0	62.54	122.4	57.86
	-21.8	-22	157.3	71.16	148.7	66.63	139.9	62.21	135.4	60.01	131.0	57.84	122.4	53.55
	-19.8	-20	157.3	67.52	148.7	63.25	139.9	59.03	135.4	56.98	131.0	54.93	122.4	50.88
	-18.8	-19	157.3	65.77	148.7	61.59	139.9	57.52	135.4	55.51	131.0	53.54	122.4	49.60
	-16.7	-17	157.3	62.37	148.7	58.45	139.9	54.59	135.4	52.69	131.0	50.83	122.4	47.12
	-15	-15.9	157.3	60.38	148.7	56.55	139.9	52.80	135.4	50.95	131.0	49.13	122.4	45.51
	-13.7	-15	157.3	58.49	148.7	54.78	139.9	51.15	135.4	49.37	131.0	47.60	122.4	44.12
	-11.8	-13	157.3	55.79	148.7	52.27	139.9	48.82	135.4	47.12	131.0	45.46	122.4	42.14
	-9.8	-11	157.3	53.06	148.7	49.79	139.9	46.50	135.4	44.88	131.0	43.30	122.4	40.17
	-9.5	-10	157.3	51.81	148.7	48.63	139.9	45.52	135.4	43.97	131.0	42.42	122.4	39.43
	-8.5	-9.1	157.3	50.58	148.7	47.48	139.9	44.44	135.4	42.93	131.0	41.45	122.4	38.51
	-7	-7.6	157.3	48.61	148.7	45.65	139.9	42.73	135.4	41.30	131.0	39.89	122.4	37.07
	-5	-5.6	157.3	46.08	148.7	43.31	139.9	40.58	135.4	39.22	131.0	37.89	122.4	35.25
	-3	-3.7	157.3	43.81	148.7	41.16	139.9	38.59	135.4	37.33	131.0	36.05	122.4	33.56
	0	-0.7	157.3	40.45	148.7	38.06	139.9	35.71	135.4	34.54	131.0	33.40	122.4	31.13
	3	2.2	157.3	37.53	148.7	35.33	139.9	33.18	135.4	32.11	131.0	31.09	122.4	29.01
	5	4.1	148.8	32.98	140.2	30.97	131.3	29.00	126.9	28.02	122.5	27.07	113.6	25.15
	7	6	140.2	28.79	131.4	26.97	122.5	25.19	118.0	24.31	113.6	23.44	104.4	21.70
	9	7.9	131.3	25.01	122.4	23.37	113.2	21.74	108.8	20.95	104.3	20.15	95.10	18.60
	11	9.8	122.1	21.60	112.9	20.12	104.0	18.68	99.20	17.96	94.70	17.24	85.50	15.83
	13	11.8	112.5	18.50	103.3	17.17	94.00	15.88	89.50	15.23	84.70	14.62	75.50	13.34
	15	13.7	102.5	15.77	93.30	14.59	84.00	13.45	79.20	12.91	74.40	12.34	65.10	11.23
50	-30	-30.2	128.8	69.99	123.9	67.16	116.5	62.72	112.9	60.54	109.2	58.37	102.1	54.10
	-24.8	-25	131.0	62.54	123.9	58.65	116.5	54.83	112.9	52.93	109.2	51.07	102.1	47.38

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	131.0	57.84	123.9	54.26	116.5	50.76	112.9	49.04	109.2	47.33	102.1	43.95
	-19.8	-20	131.0	54.93	123.9	51.55	116.5	48.24	112.9	46.60	109.2	45.00	102.1	41.79
	-18.8	-19	131.0	53.54	123.9	50.26	116.5	47.03	112.9	45.44	109.2	43.88	102.1	40.77
	-16.7	-17	131.0	50.83	123.9	47.75	116.5	44.71	112.9	43.19	109.2	41.71	102.1	38.79
	-15	-15.9	131.0	49.13	123.9	46.10	116.5	43.18	112.9	41.70	109.2	40.27	102.1	37.43
	-13.7	-15	131.0	47.60	123.9	44.68	116.5	41.83	112.9	40.43	109.2	39.03	102.1	36.28
	-11.8	-13	131.0	45.46	123.9	42.69	116.5	39.97	112.9	38.64	109.2	37.32	102.1	34.71
	-9.8	-11	131.0	43.30	123.9	40.68	116.5	38.11	112.9	36.86	109.2	35.58	102.1	33.12
	-9.5	-10	131.0	42.42	123.9	39.92	116.5	37.45	112.9	36.23	109.2	35.02	102.1	32.63
	-8.5	-9.1	131.0	41.45	123.9	39.02	116.5	36.60	112.9	35.42	109.2	34.24	102.1	31.90
	-7	-7.6	131.0	39.89	123.9	37.54	116.5	35.23	112.9	34.09	109.2	32.99	102.1	30.76
	-5	-5.6	131.0	37.89	123.9	35.69	116.5	33.50	112.9	32.43	109.2	31.37	102.1	29.29
	-3	-3.7	131.0	36.05	123.9	34.00	116.5	31.95	112.9	30.92	109.2	29.94	102.1	27.96
	0	-0.7	131.0	33.40	123.9	31.50	116.5	29.64	112.9	28.72	109.2	27.81	102.1	25.99
	3	2.2	131.0	31.09	123.9	29.34	116.5	27.62	112.9	26.79	109.2	25.95	102.1	24.31
	5	4.1	124.0	27.44	116.9	25.84	109.5	24.28	105.8	23.51	102.1	22.72	94.70	21.20
	7	6	116.9	24.10	109.5	22.65	102.1	21.23	98.40	20.51	94.70	19.82	87.00	18.42
	9	7.9	109.5	21.06	102.1	19.76	94.40	18.46	90.60	17.84	86.90	17.20	79.20	15.94
	11	9.8	101.7	18.35	94.30	17.16	86.60	15.98	82.90	15.41	78.80	14.84	71.10	13.72
	13	11.8	93.60	15.84	86.20	14.80	78.40	13.76	74.40	13.23	70.70	12.73	62.90	11.72
	15	13.7	85.50	13.66	77.70	12.73	69.90	11.80	66.20	11.34	62.20	10.88	54.00	9.99

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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34.5 Capacity Correction Factor

34.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-100	-	-	-	-	-	-	-	-	-	-	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	81.0	81.0
-90	-	-	-	-	-	-	-	-	-	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-80	-	-	-	-	-	-	-	-	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-70	-	-	-	-	-	-	-	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-60	-	-	-	-	-	-	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0	81.0
-50	-	-	-	-	-	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0
-40	-	-	-	-	95.0	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-30	-	-	-	96.0	95.0	94.0	93.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	82.0
-20	-	-	98.0	96.0	95.0	94.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
-7.5	99.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
0	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
7.5	100.0	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0	82.0
10	-	99.0	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
20	-	-	98.0	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
30	-	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
40	-	-	-	-	96.0	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
50	-	-	-	-	-	95.0	94.0	93.0	92.0	91.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	85.0	84.0	83.0	83.0	82.0	82.0
60	-	-	-	-	-	-	94.0	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	85.0	84.0	84.0	83.0	82.0	82.0
70	-	-	-	-	-	-	-	93.0	92.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
80	-	-	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0
90	-	-	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
100	-	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0
110	-	-	-	-	-	-	-	-	-	-	-	90.0	89.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	84.0	83.0	83.0	82.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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34.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

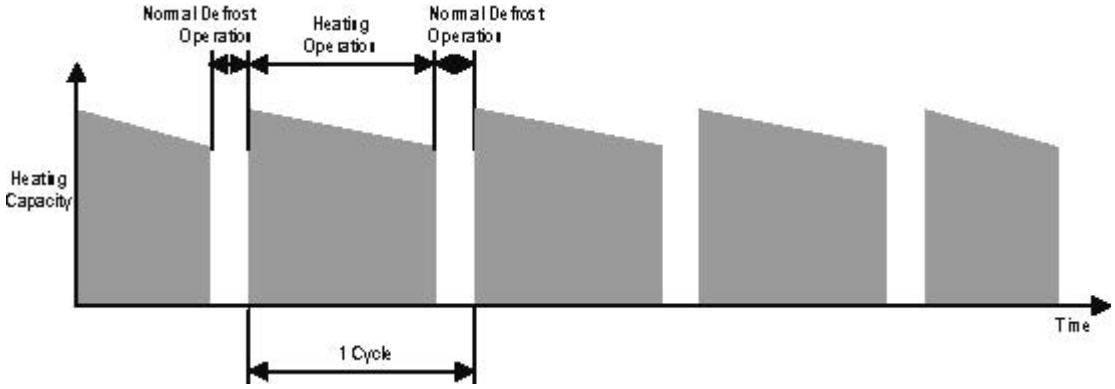
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

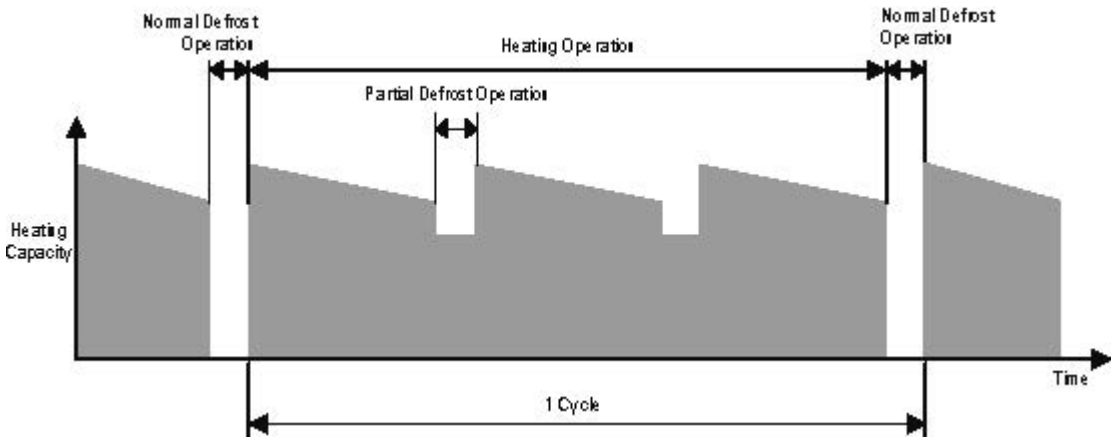
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

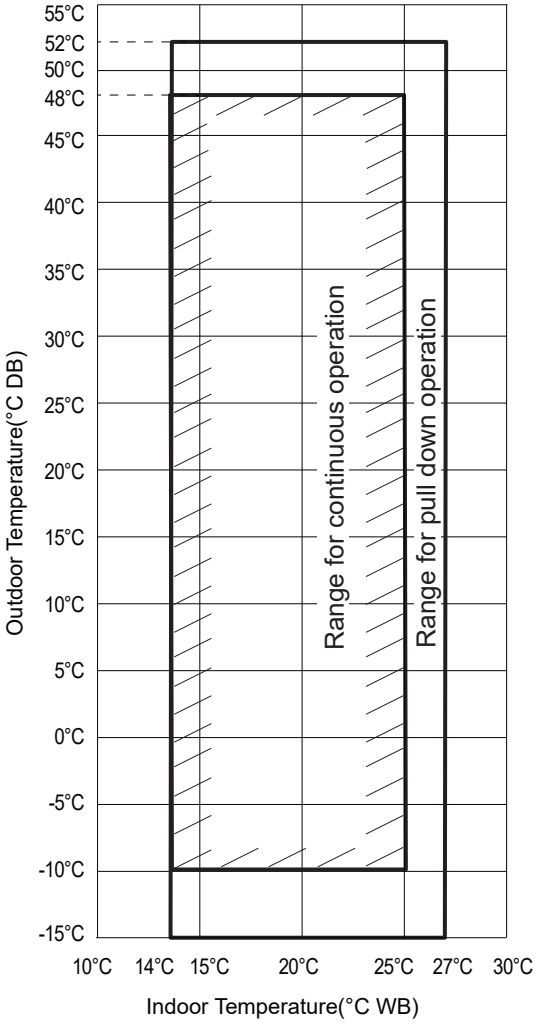


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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34.6 Operation Limits

34.6.1 Cooling

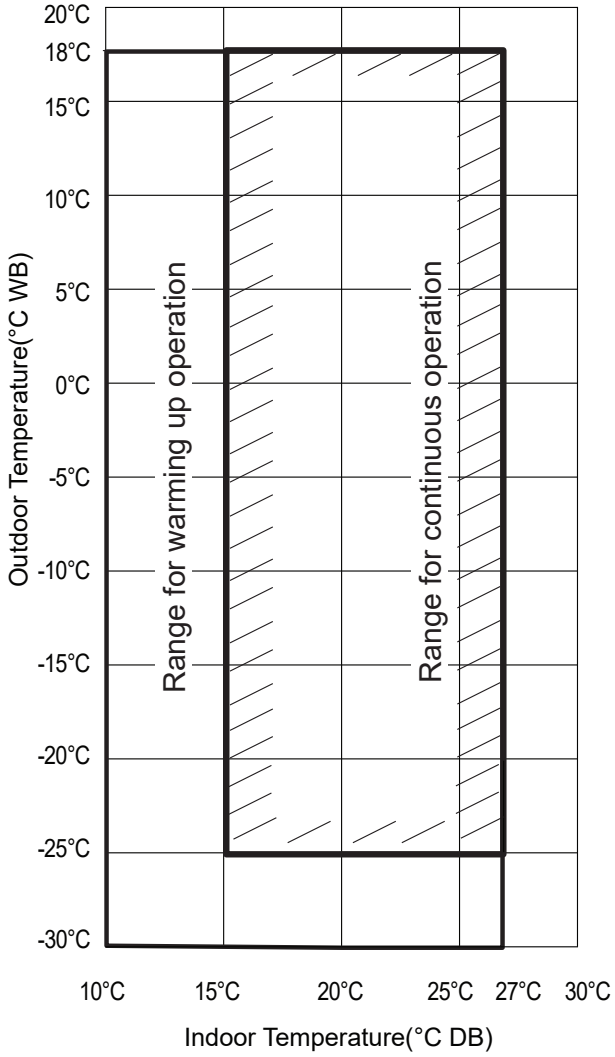


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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34.6.2 Heating

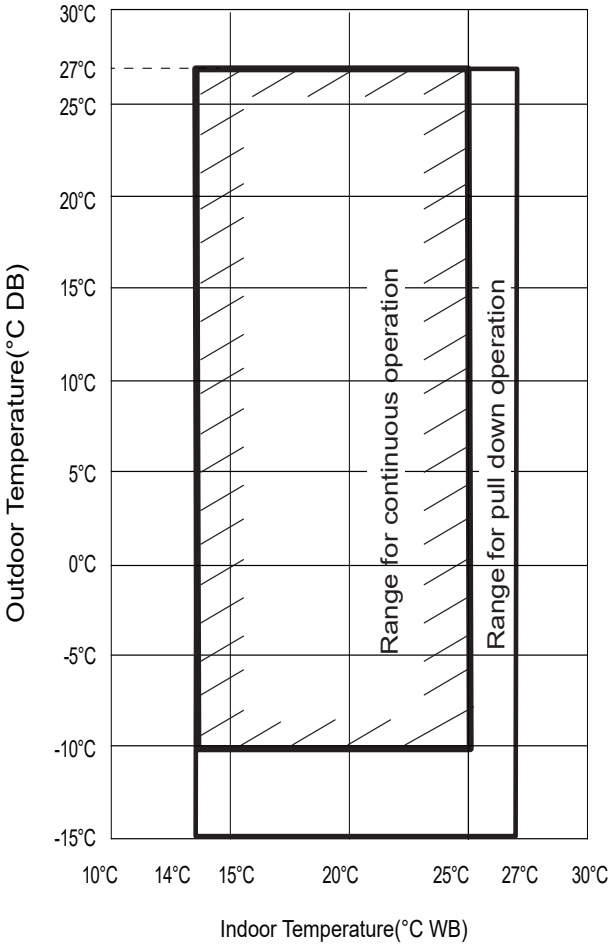


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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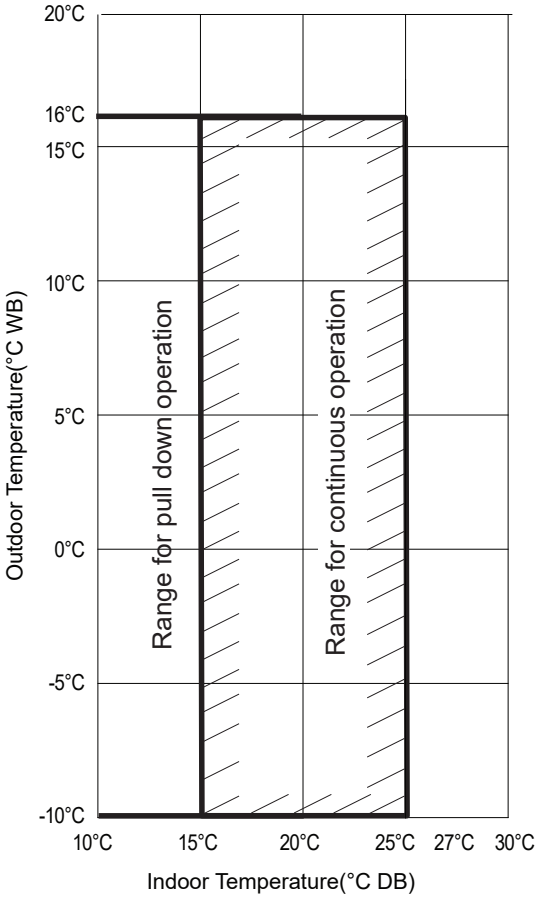
34.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

34.6.4 Simultaneous Operation (Heating)



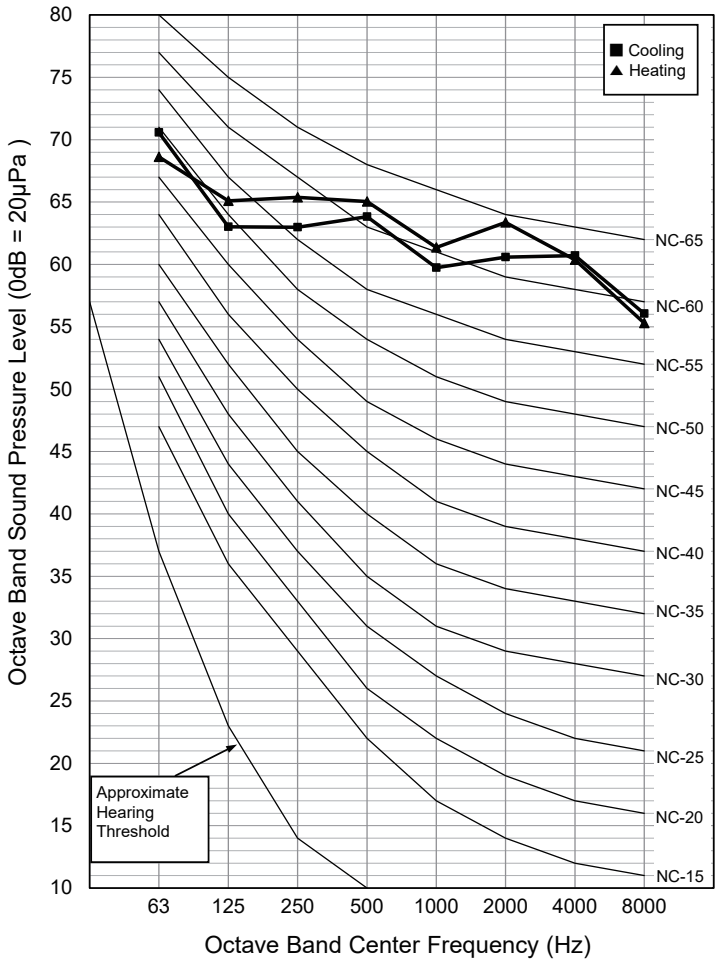
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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34.7 Sound Levels

34.7.1 Pressure Levels



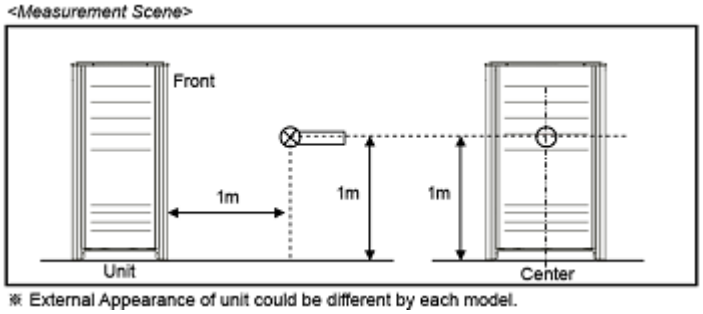
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	70.6	63.0	63.0	63.8	59.7	60.6	60.7	56.1
Heating[dB]	68.6	65.1	65.4	65.0	61.4	63.4	60.4	55.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	67.6 / 69.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

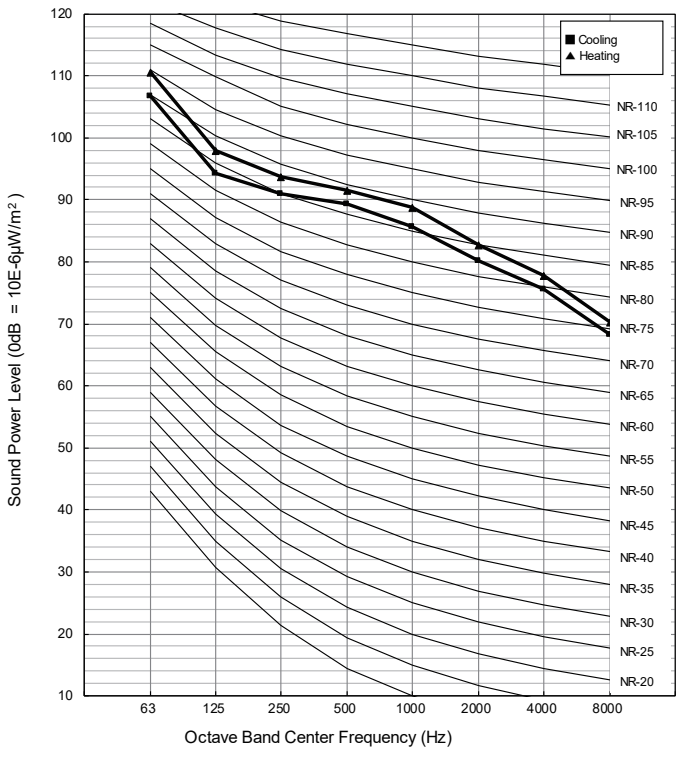
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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34.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	106.8	94.3	91.0	89.3	85.7	80.2	75.5	68.2	91.2
Heating [dB]	110.7	98.0	91.0	89.3	85.7	80.2	75.5	68.2	94.0

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.2 / 94.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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35.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM160LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	111.21 - 105.65 - 101.83
	Running Current by Voltage (Heating,Rated)	A	78.43 - 74.51 - 71.82
Cooling Capacity	Rated	kW	212.8
		Btu/h	726,100
Heating Capacity	Rated	kW	212.8
		Btu/h	726,100
	Max	kW	239.4
		Btu/h	816,900
Power Input(Cooling)	Rated	kW	68.07
Power Input(Heating)	Rated	kW	48.01
Efficiency	EER(Rated)	W/W	3.13
	COP(Rated)	W/W	4.43
	SEER	Wh/Wh	8.30
	SCOP	Wh/Wh	5.21
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 7
	Number of Revolution	rev./min	3,600 x 7
	Motor Output	W x No.	5,300 x 7
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 4
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 4
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1) + (255 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1) + (265 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	61.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	127.338
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	67.7 / 69.1
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.8 / 94.3
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	169.1
	Maximum Fuse Amperes (MFA)	A	200
	Total Over Current Amperes (TOCA)	A	186.0
	Comp_Maximum Starting Current (MSC)	A	41.3
	Comp_Rated Load Amperes (Cooling)	A	101.2
	Comp_Rated Load Amperes (Heating)	A	68.4
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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35.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied
- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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35.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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35.4 Capacity Tables

35.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	166.1	17.21	209.8	24.28	256.9	35.48	276.6	41.50	298.3	49.35	314.5	54.35	327.2	58.16
	12	166.1	18.81	209.8	26.73	256.9	38.80	276.6	45.14	298.2	53.19	314.4	58.17	327.1	62.11
	14	166.1	20.60	209.8	29.41	256.9	42.44	276.6	49.14	298.1	57.33	314.2	62.37	326.9	66.41
	16	166.1	22.57	209.8	32.39	256.9	46.42	276.6	53.52	297.8	61.67	314.0	66.91	326.6	71.11
	18	166.1	24.77	209.8	35.66	256.9	50.75	276.6	58.31	297.5	66.40	313.7	71.41	326.3	74.87
	20	166.1	27.20	209.8	39.20	256.9	55.50	276.6	63.37	297.1	70.15	313.3	74.70	325.9	78.17
	21	166.1	28.50	209.8	41.13	256.9	57.92	276.6	65.25	296.9	71.85	313.0	76.43	325.7	79.90
	23	166.1	31.34	209.8	45.20	256.9	61.66	276.6	69.05	296.4	75.09	312.6	79.72	325.2	83.22
	25	166.1	34.40	209.8	48.64	256.9	65.22	276.6	72.71	295.9	78.53	312.0	83.33	324.6	86.93
	27	166.1	37.26	209.8	51.66	256.9	69.09	276.6	76.36	295.3	82.33	311.4	87.32	324.0	91.11
	29	166.1	39.72	209.8	54.88	256.9	73.25	276.0	80.22	294.6	86.49	310.8	91.75	323.4	95.79
	31	166.1	42.30	209.8	58.31	256.9	77.84	275.3	84.44	293.9	91.08	310.0	96.77	322.6	101.2
	33	166.1	45.08	209.8	62.00	256.9	82.62	274.6	89.04	293.2	96.20	306.6	101.3	307.5	101.5
	35	166.1	48.01	209.8	65.94	256.9	87.37	273.8	94.10	288.5	100.2	289.6	100.5	290.5	100.6
	37	166.1	51.18	209.8	70.21	256.3	92.46	270.5	98.73	272.0	99.02	272.8	99.20	273.7	99.35
	39	166.1	54.54	209.8	74.82	253.3	97.03	254.1	97.17	255.3	97.34	256.3	97.63	257.2	97.81
	41	166.1	58.15	209.8	79.88	235.3	94.70	235.0	94.68	234.9	94.61	234.6	94.52	234.9	94.67
	43	166.1	62.06	209.8	85.46	216.7	89.65	216.4	89.65	216.4	89.56	216.3	89.65	216.1	89.52
	46	166.1	68.50	190.4	82.25	190.0	82.18	190.0	82.25	190.0	82.14	189.7	82.06	190.0	82.21
	48	166.1	73.24	173.5	77.52	173.2	77.45	173.2	77.41	173.5	77.56	173.2	77.55	173.1	77.45
	50	158.1	73.14	157.8	73.05	157.5	72.91	157.4	72.98	157.5	72.92	157.2	72.86	157.1	72.83
	52	140.2	64.60	141.6	62.09	142.5	59.59	142.5	59.07	142.5	58.47	142.5	57.96	142.5	57.63
120	10	153.5	15.71	193.8	21.29	237.1	30.32	255.3	35.05	275.9	41.25	293.3	47.44	305.5	51.68
	12	153.5	17.08	193.8	23.41	237.1	33.29	255.3	38.37	275.9	44.90	293.3	51.30	305.4	55.40
	14	153.5	18.63	193.8	25.75	237.1	36.54	255.3	41.98	275.9	48.87	293.3	55.52	305.2	59.48
	16	153.5	20.34	193.8	28.33	237.1	40.08	255.3	45.90	275.9	53.23	293.3	60.14	305.0	63.93
	18	153.5	22.27	193.8	31.19	237.1	43.96	255.3	50.21	275.9	58.02	293.0	64.83	304.7	68.78
	20	153.5	24.40	193.8	34.33	237.1	48.17	255.3	54.93	275.9	63.09	292.6	68.79	304.3	72.12
	21	153.5	25.52	193.8	36.00	237.1	50.44	255.3	57.37	275.9	64.97	292.4	70.49	304.1	73.86
	23	153.5	28.02	193.8	39.59	237.1	54.50	255.3	61.10	275.9	68.78	291.9	73.74	303.6	77.13
	25	153.5	30.74	193.8	43.15	237.1	57.93	255.3	64.66	275.9	72.50	291.4	77.15	303.1	80.65
	27	153.5	33.55	193.8	46.09	237.1	61.41	255.3	68.48	275.9	76.15	290.8	80.86	302.5	84.52
	29	153.5	35.81	193.8	49.05	237.1	65.18	255.3	72.62	275.4	80.01	290.2	84.95	301.9	88.80
	31	153.5	38.14	193.8	52.24	237.1	69.23	255.3	77.14	274.7	84.20	289.5	89.46	301.2	93.55
	33	153.5	40.62	193.8	55.63	237.1	73.61	255.3	82.08	274.0	88.80	288.8	94.43	300.5	98.92
	35	153.5	43.28	193.8	59.18	237.1	78.39	255.3	86.80	273.2	93.87	288.0	100.0	289.5	100.5
	37	153.5	46.13	193.8	62.98	237.1	83.65	255.0	91.91	270.9	98.80	271.9	98.99	272.4	99.09
	39	153.5	49.14	193.8	67.05	237.1	89.54	253.3	97.05	254.4	97.21	255.2	97.41	256.0	97.52
	41	153.5	52.39	193.8	71.45	235.3	94.70	235.0	94.64	234.9	94.57	234.6	94.55	234.6	94.55
	43	153.5	55.87	193.8	76.25	216.7	89.72	216.7	89.65	216.4	89.56	216.4	89.60	216.3	89.64
	46	153.5	61.58	190.4	82.33	190.0	82.10	190.0	82.11	190.0	82.17	190.0	82.16	190.0	82.12
	48	153.5	65.76	173.5	77.48	173.5	77.55	173.5	77.60	173.2	77.51	173.2	77.48	173.2	77.37
	50	153.5	70.31	157.8	72.95	157.4	72.98	157.4	72.99	157.5	73.00	157.1	72.74	157.4	72.83
	52	139.9	65.61	141.1	63.14	142.5	60.61	142.5	60.13	142.5	59.57	142.5	59.12	142.5	58.87
110	10	140.6	14.44	177.5	18.76	217.3	25.83	234.1	29.60	252.7	34.37	268.7	39.02	281.2	43.11
	12	140.6	15.59	177.5	20.56	217.3	28.43	234.1	32.51	252.7	37.64	268.7	42.58	281.2	46.84
	14	140.6	16.91	177.5	22.57	217.3	31.29	234.1	35.70	252.7	41.19	268.7	46.43	281.2	50.90

35. ARUM760LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	140.6	18.36	177.5	24.80	217.3	34.44	234.1	39.17	252.7	45.08	268.7	50.66	281.2	55.38
	18	140.6	20.03	177.5	27.26	217.3	37.88	234.1	42.97	252.7	49.33	268.7	55.27	281.2	60.27
	20	140.6	21.85	177.5	29.95	217.3	41.59	234.1	47.12	252.7	53.97	268.7	60.33	281.2	65.18
	21	140.6	22.85	177.5	31.41	217.3	43.56	234.1	49.35	252.7	56.44	268.7	62.34	281.2	67.14
	23	140.6	25.01	177.5	34.54	217.3	47.83	234.1	53.44	252.7	60.21	268.7	66.11	281.2	70.68
	25	140.6	27.39	177.5	37.98	217.3	51.09	234.1	56.86	252.7	63.73	268.7	69.90	281.1	74.07
	27	140.6	30.01	177.5	40.77	217.3	54.25	234.1	60.29	252.7	67.49	268.7	73.97	280.5	77.68
	29	140.6	32.18	177.5	43.42	217.3	57.59	234.1	63.96	252.7	71.61	268.7	77.95	279.9	81.59
	31	140.6	34.25	177.5	46.24	217.3	61.18	234.1	67.96	252.7	76.04	268.6	82.13	279.3	85.91
	33	140.6	36.49	177.5	49.25	217.3	65.03	234.1	72.24	252.7	80.95	267.9	86.61	278.6	90.61
	35	140.6	38.85	177.5	52.48	217.3	69.20	234.1	76.93	252.7	85.90	267.1	91.50	277.8	95.80
	37	140.6	41.40	177.5	55.92	217.3	73.70	234.1	82.06	252.7	91.00	266.4	96.88	271.0	98.80
	39	140.6	44.13	177.5	59.64	217.3	78.62	234.1	87.78	251.9	96.43	253.8	97.09	254.9	97.30
	41	140.6	47.03	177.5	63.64	217.3	84.05	234.1	94.14	235.3	94.71	234.9	94.67	234.9	94.67
	43	140.6	50.15	177.5	67.88	216.7	89.59	216.7	89.75	216.7	89.68	216.4	89.61	216.4	89.61
	46	140.6	55.22	177.5	74.78	190.0	82.21	190.0	82.18	190.0	82.24	190.0	82.25	189.7	82.07
	48	140.6	58.90	173.5	77.55	173.5	77.58	173.5	77.59	173.5	77.53	173.2	77.53	173.2	77.50
	50	140.6	62.86	157.8	73.10	157.5	72.93	157.5	73.00	157.4	72.89	157.4	72.85	157.4	72.93
	52	139.1	66.05	140.3	64.44	141.9	61.85	142.2	61.39	142.5	60.86	141.9	60.43	142.5	59.82
100	10	127.7	13.32	161.5	16.64	197.6	21.95	212.8	24.87	229.9	28.62	244.3	32.15	255.8	35.20
	12	127.7	14.30	161.5	18.16	197.6	24.15	212.8	27.36	229.9	31.46	244.3	35.27	255.8	38.53
	14	127.7	15.40	161.5	19.83	197.6	26.57	212.8	30.14	229.9	34.55	244.3	38.64	255.8	42.13
	16	127.7	16.65	161.5	21.70	197.6	29.25	212.8	33.16	229.9	37.96	244.3	42.36	255.8	46.09
	18	127.7	18.02	161.5	23.79	197.6	32.19	212.8	36.50	229.9	41.66	244.3	46.40	255.8	50.42
	20	127.7	19.61	161.5	26.13	197.6	35.43	212.8	40.14	229.9	45.69	244.3	50.83	255.8	55.11
	21	127.7	20.43	161.5	27.36	197.6	37.15	212.8	42.08	229.9	47.85	244.3	53.18	255.8	57.59
	23	127.7	22.28	161.5	30.05	197.6	40.88	212.8	46.22	229.9	52.03	244.3	57.13	255.8	61.28
	25	127.7	24.36	161.5	33.00	197.6	44.44	212.8	49.60	229.9	55.37	244.3	60.60	255.8	64.84
	27	127.7	26.63	161.5	35.86	197.6	47.39	212.8	52.67	229.9	58.74	244.3	64.23	255.8	68.68
	29	127.7	28.79	161.5	38.23	197.6	50.46	212.8	55.92	229.9	62.36	244.3	68.14	255.8	72.85
	31	127.7	30.62	161.5	40.71	197.6	53.72	212.8	59.41	229.9	66.23	244.3	72.37	255.8	77.38
	33	127.7	32.61	161.5	43.37	197.6	57.11	212.8	63.16	229.9	70.39	244.3	76.97	255.8	82.28
	35	127.7	34.73	161.5	46.22	197.6	60.72	212.8	67.20	229.9	74.95	244.3	82.04	255.8	87.00
	37	127.7	36.98	161.5	49.24	197.6	64.63	212.8	71.54	229.9	79.91	244.3	87.65	255.4	92.10
	39	127.7	39.41	161.5	52.48	197.6	68.83	212.8	76.28	229.9	85.40	244.3	93.03	253.4	97.07
	41	127.7	42.02	161.5	55.96	197.6	73.36	212.8	81.48	229.9	91.52	235.0	94.64	235.3	94.70
	43	127.7	44.79	161.5	59.68	197.6	78.35	212.8	87.24	216.4	89.61	216.7	89.74	216.7	89.74
	46	127.7	49.31	161.5	65.86	190.0	82.18	190.3	82.19	190.3	82.25	190.3	82.28	190.0	82.10
	48	127.7	52.58	161.5	70.38	173.8	77.66	173.5	77.63	173.5	77.56	173.5	77.56	173.5	77.59
	50	127.7	56.09	157.8	72.99	157.8	72.99	157.8	72.99	157.5	72.91	157.5	72.91	157.5	72.91
	52	127.7	59.84	139.9	65.02	140.6	63.19	141.3	62.52	141.9	61.72	142.5	60.97	142.5	60.36
90	10	115.1	12.20	145.2	14.89	177.8	18.77	191.5	20.91	206.7	23.69	220.0	26.39	230.3	28.73
	12	115.1	13.19	145.2	16.11	177.8	20.59	191.5	22.99	206.7	26.07	220.0	29.06	230.3	31.57
	14	115.1	14.09	145.2	17.51	177.8	22.61	191.5	25.27	206.7	28.71	220.0	31.99	230.3	34.66
	16	115.1	15.11	145.2	19.07	177.8	24.84	191.5	27.81	206.7	31.58	220.0	35.20	230.3	38.07
	18	115.1	16.28	145.2	20.81	177.8	27.30	191.5	30.60	206.7	34.78	220.0	38.64	230.3	41.78
	20	115.1	17.57	145.2	22.75	177.8	30.03	191.5	33.66	206.7	38.25	220.0	42.44	230.3	45.83
	21	115.1	18.31	145.2	23.79	177.8	31.48	191.5	35.34	206.7	40.11	220.0	44.48	230.3	48.00
	23	115.1	19.86	145.2	26.06	177.8	34.62	191.5	38.85	206.7	44.13	220.0	48.72	230.3	52.14
	25	115.1	21.60	145.2	28.56	177.8	38.06	191.5	42.43	206.7	47.63	220.0	52.00	230.3	55.52
	27	115.1	23.56	145.2	31.32	177.8	40.84	191.5	45.31	206.7	50.64	220.0	55.19	230.3	58.88

35. ARUM760LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	115.1	25.62	145.2	33.47	177.8	43.50	191.5	48.23	206.7	53.80	220.0	58.59	230.3	62.50
	31	115.1	27.27	145.2	35.64	177.8	46.32	191.5	51.38	206.7	57.17	220.0	62.24	230.3	66.40
	33	115.1	28.99	145.2	37.97	177.8	49.33	191.5	54.73	206.7	60.79	220.0	66.15	230.3	70.59
	35	115.1	30.86	145.2	40.44	177.8	52.56	191.5	58.28	206.7	64.63	220.0	70.39	230.3	75.12
	37	115.1	32.87	145.2	43.07	177.8	56.04	191.5	61.99	206.7	68.81	220.0	74.99	230.3	80.12
	39	115.1	35.03	145.2	45.92	177.8	59.75	191.5	66.01	206.7	73.31	220.0	80.04	230.3	85.63
	41	115.1	37.34	145.2	48.93	177.8	63.76	191.5	70.34	206.7	78.26	220.0	85.58	230.3	91.79
	43	115.1	39.80	145.2	52.17	177.8	67.98	191.5	75.01	206.7	83.67	216.7	89.70	216.7	89.70
	46	115.1	43.81	145.2	57.45	177.8	74.89	190.4	82.32	190.4	82.25	190.0	82.21	190.3	82.28
	48	115.1	46.72	145.2	61.32	173.9	77.67	173.5	77.60	173.5	77.56	173.5	77.53	173.5	77.56
	50	115.1	49.82	145.2	65.49	157.8	73.11	157.8	73.11	157.8	73.03	157.8	73.03	157.8	73.00
	52	115.1	53.16	139.3	65.87	140.5	64.01	141.1	63.26	141.6	62.44	141.9	61.69	142.5	61.11
80	10	102.2	10.92	129.2	13.43	158.1	16.23	170.2	17.74	183.9	19.68	195.4	21.58	204.8	23.24
	12	102.2	12.27	129.2	14.42	158.1	17.68	170.2	19.41	183.9	21.61	195.4	23.74	204.8	25.59
	14	102.2	12.98	129.2	15.52	158.1	19.31	170.2	21.28	183.9	23.74	195.4	26.12	204.8	28.19
	16	102.2	13.81	129.2	16.81	158.1	21.13	170.2	23.33	183.9	26.12	195.4	28.77	204.8	31.02
	18	102.2	14.75	129.2	18.22	158.1	23.14	170.2	25.61	183.9	28.73	195.4	31.67	204.8	34.14
	20	102.2	15.81	129.2	19.81	158.1	25.35	170.2	28.14	183.9	31.60	195.4	34.84	204.8	37.57
	21	102.2	16.39	129.2	20.66	158.1	26.58	170.2	29.49	183.9	33.14	195.4	36.52	204.8	39.40
	23	102.2	17.71	129.2	22.55	158.1	29.15	170.2	32.43	183.9	36.46	195.4	40.18	204.8	43.32
	25	102.2	19.14	129.2	24.63	158.1	32.02	170.2	35.64	183.9	39.99	195.4	43.76	204.8	46.86
	27	102.2	20.80	129.2	26.94	158.1	34.86	170.2	38.49	183.9	42.80	195.4	46.72	204.8	49.91
	29	102.2	22.64	129.2	29.10	158.1	37.18	170.2	41.00	183.9	45.57	195.4	49.72	204.8	53.04
	31	102.2	24.16	129.2	30.97	158.1	39.61	170.2	43.66	183.9	48.53	195.4	52.94	204.8	56.34
	33	102.2	25.65	129.2	32.99	158.1	42.20	170.2	46.52	183.9	51.69	195.4	56.35	204.8	59.90
	35	102.2	27.28	129.2	35.13	158.1	44.95	170.2	49.53	183.9	55.09	195.4	59.90	204.8	63.71
	37	102.2	29.03	129.2	37.41	158.1	47.91	170.2	52.81	183.9	58.69	195.4	63.74	204.8	67.82
	39	102.2	30.93	129.2	39.87	158.1	51.04	170.2	56.29	183.9	62.57	195.4	67.90	204.8	72.25
	41	102.2	32.97	129.2	42.49	158.1	54.44	170.2	60.05	183.9	66.65	195.4	72.37	204.8	77.07
	43	102.2	35.15	129.2	45.30	158.1	58.04	170.2	64.06	183.9	71.04	195.4	77.22	204.8	82.37
	46	102.2	38.70	129.2	49.89	158.1	64.01	170.2	70.73	183.9	78.38	190.0	82.14	190.0	82.18
	48	102.2	41.30	129.2	53.20	158.1	68.40	170.2	75.50	173.5	77.57	173.5	77.50	173.5	77.50
	50	102.2	44.05	129.2	56.75	157.8	72.98	157.8	73.05	157.8	73.05	157.8	72.98	157.5	72.98
	52	102.2	46.98	129.2	60.54	139.8	64.98	140.4	64.19	141.1	63.38	141.3	62.59	141.9	62.02
70	10	89.60	9.02	112.9	12.03	138.3	14.20	148.9	15.25	160.8	16.56	171.0	17.86	179.0	18.97
	12	89.60	11.45	112.9	13.03	138.3	15.34	148.9	16.55	160.8	18.08	171.0	19.54	179.0	20.80
	14	89.60	12.00	112.9	13.90	138.3	16.60	148.9	17.99	160.8	19.75	171.0	21.40	179.0	22.85
	16	89.60	12.67	112.9	14.88	138.3	18.04	148.9	19.63	160.8	21.62	171.0	23.49	179.0	25.09
	18	89.60	13.42	112.9	16.01	138.3	19.63	148.9	21.45	160.8	23.70	171.0	25.80	179.0	27.59
	20	89.60	14.28	112.9	17.29	138.3	21.42	148.9	23.46	160.8	25.98	171.0	28.34	179.0	30.35
	21	89.60	14.75	112.9	17.99	138.3	22.38	148.9	24.54	160.8	27.24	171.0	29.72	179.0	31.80
	23	89.60	15.80	112.9	19.50	138.3	24.47	148.9	26.92	160.8	29.90	171.0	32.67	179.0	34.98
	25	89.60	16.96	112.9	21.20	138.3	26.81	148.9	29.50	160.8	32.84	171.0	35.92	179.0	38.45
	27	89.60	18.31	112.9	23.09	138.3	29.35	148.9	32.28	160.8	35.70	171.0	38.76	179.0	41.24
	29	89.60	19.85	112.9	25.14	138.3	31.52	148.9	34.49	160.8	38.04	171.0	41.28	179.0	43.93
	31	89.60	21.31	112.9	26.73	138.3	33.55	148.9	36.74	160.8	40.55	171.0	43.98	179.0	46.78
	33	89.60	22.58	112.9	28.44	138.3	35.72	148.9	39.13	160.8	43.18	171.0	46.83	179.0	49.83
	35	89.60	23.98	112.9	30.27	138.3	38.07	148.9	41.69	160.8	46.00	171.0	49.88	179.0	53.10
	37	89.60	25.50	112.9	32.22	138.3	40.55	148.9	44.42	160.8	49.04	171.0	53.16	179.0	56.58
	39	89.60	27.13	112.9	34.34	138.3	43.24	148.9	47.35	160.8	52.25	171.0	56.68	179.0	60.34
	41	89.60	28.90	112.9	36.61	138.3	46.06	148.9	50.48	160.8	55.72	171.0	60.48	179.0	64.39

35. ARUM760LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	89.60	30.82	112.9	39.03	138.3	49.10	148.9	53.80	160.8	59.41	171.0	64.53	179.0	68.60
	46	89.60	33.95	112.9	42.96	138.3	54.09	148.9	59.28	160.8	65.55	171.0	71.21	179.0	75.62
	48	89.60	36.24	112.9	45.83	138.3	57.69	148.9	63.28	160.8	70.06	171.0	76.04	173.8	77.63
	50	89.60	38.67	112.9	48.86	138.3	61.57	148.9	67.59	157.8	73.08	157.8	72.97	157.8	73.05
	52	89.60	41.26	112.9	52.11	138.3	65.74	139.6	65.47	140.1	64.58	140.8	63.82	141.0	63.21
60	10	76.70	7.17	96.90	10.06	118.5	12.53	127.7	13.31	137.9	14.17	146.7	15.01	153.5	15.74
	12	76.70	10.42	96.90	11.91	118.5	13.47	127.7	14.27	137.9	15.30	146.7	16.27	153.5	17.11
	14	76.70	10.88	96.90	12.55	118.5	14.41	127.7	15.36	137.9	16.56	146.7	17.68	153.5	18.63
	16	76.70	11.42	96.90	13.30	118.5	15.51	127.7	16.61	137.9	17.97	146.7	19.27	153.5	20.35
	18	76.70	12.04	96.90	14.16	118.5	16.72	127.7	17.98	137.9	19.56	146.7	21.05	153.5	22.28
	20	76.70	12.73	96.90	15.14	118.5	18.12	127.7	19.57	137.9	21.34	146.7	22.99	153.5	24.40
	21	76.70	13.12	96.90	15.68	118.5	18.86	127.7	20.39	137.9	22.30	146.7	24.07	153.5	25.55
	23	76.70	13.97	96.90	16.85	118.5	20.48	127.7	22.24	137.9	24.39	146.7	26.38	153.5	28.02
	25	76.70	14.93	96.90	18.20	118.5	22.33	127.7	24.28	137.9	26.70	146.7	28.91	153.5	30.74
	27	76.70	16.04	96.90	19.71	118.5	24.37	127.7	26.58	137.9	29.26	146.7	31.68	153.5	33.55
	29	76.70	17.30	96.90	21.40	118.5	26.45	127.7	28.75	137.9	31.44	146.7	33.86	153.5	35.82
	31	76.70	18.66	96.90	22.91	118.5	28.13	127.7	30.58	137.9	33.46	146.7	36.04	153.5	38.14
	33	76.70	19.74	96.90	24.32	118.5	29.93	127.7	32.53	137.9	35.63	146.7	38.40	153.5	40.65
	35	76.70	20.92	96.90	25.85	118.5	31.87	127.7	34.66	137.9	37.96	146.7	40.91	153.5	43.31
	37	76.70	22.21	96.90	27.48	118.5	33.95	127.7	36.91	137.9	40.43	146.7	43.57	153.5	46.14
	39	76.70	23.60	96.90	29.29	118.5	36.19	127.7	39.33	137.9	43.09	146.7	46.46	153.5	49.18
	41	76.70	25.15	96.90	31.19	118.5	38.58	127.7	41.95	137.9	45.94	146.7	49.51	153.5	52.42
	43	76.70	26.80	96.90	33.26	118.5	41.11	127.7	44.71	137.9	48.95	146.7	52.79	153.5	55.90
	46	76.70	29.54	96.90	36.65	118.5	45.27	127.7	49.20	137.9	53.90	146.7	58.14	153.5	61.62
	48	76.70	31.53	96.90	39.10	118.5	48.27	127.7	52.47	137.9	57.49	146.7	62.03	153.5	65.80
	50	76.70	33.66	96.90	41.72	118.5	51.46	127.7	55.97	137.9	61.37	146.7	66.28	153.5	70.35
	52	76.70	35.97	96.90	44.51	118.5	54.88	127.7	59.72	137.9	65.54	139.6	65.54	139.9	64.95
50	10	63.90	5.62	80.60	7.70	98.80	10.36	106.4	11.48	114.8	12.19	122.3	12.90	128.0	13.32
	12	63.90	8.72	80.60	10.73	98.80	12.03	106.4	12.55	114.8	13.18	122.3	13.78	128.0	14.30
	14	63.90	9.82	80.60	11.24	98.80	12.70	106.4	13.30	114.8	14.09	122.3	14.80	128.0	15.40
	16	63.90	10.24	80.60	11.82	98.80	13.46	106.4	14.20	114.8	15.11	122.3	15.94	128.0	16.65
	18	63.90	10.70	80.60	12.45	98.80	14.36	106.4	15.22	114.8	16.25	122.3	17.23	128.0	18.02
	20	63.90	11.23	80.60	13.22	98.80	15.37	106.4	16.36	114.8	17.57	122.3	18.67	128.0	19.61
	21	63.90	11.54	80.60	13.61	98.80	15.92	106.4	16.98	114.8	18.27	122.3	19.45	128.0	20.46
	23	63.90	12.22	80.60	14.53	98.80	17.16	106.4	18.37	114.8	19.82	122.3	21.18	128.0	22.31
	25	63.90	12.99	80.60	15.57	98.80	18.52	106.4	19.92	114.8	21.59	122.3	23.11	128.0	24.36
	27	63.90	13.86	80.60	16.76	98.80	20.10	106.4	21.65	114.8	23.52	122.3	25.23	128.0	26.63
	29	63.90	14.85	80.60	18.10	98.80	21.83	106.4	23.58	114.8	25.58	122.3	27.36	128.0	28.79
	31	63.90	15.96	80.60	19.51	98.80	23.34	106.4	25.13	114.8	27.23	122.3	29.11	128.0	30.63
	33	63.90	16.94	80.60	20.63	98.80	24.79	106.4	26.70	114.8	28.95	122.3	30.97	128.0	32.61
	35	63.90	17.89	80.60	21.85	98.80	26.35	106.4	28.41	114.8	30.82	122.3	32.99	128.0	34.74
	37	63.90	18.92	80.60	23.21	98.80	28.02	106.4	30.23	114.8	32.83	122.3	35.12	128.0	37.02
	39	63.90	20.09	80.60	24.69	98.80	29.84	106.4	32.20	114.8	34.99	122.3	37.43	128.0	39.45
	41	63.90	21.37	80.60	26.27	98.80	31.81	106.4	34.32	114.8	37.27	122.3	39.90	128.0	42.03
	43	63.90	22.76	80.60	28.01	98.80	33.92	106.4	36.59	114.8	39.76	122.3	42.55	128.0	44.80
	46	63.90	25.12	80.60	30.89	98.80	37.38	106.4	40.32	114.8	43.77	122.3	46.83	128.0	49.32
	48	63.90	26.90	80.60	32.96	98.80	39.87	106.4	43.00	114.8	46.65	122.3	49.94	128.0	52.59
	50	63.90	28.85	80.60	35.20	98.80	42.54	106.4	45.83	114.8	49.75	122.3	53.25	128.0	56.09
	52	63.90	30.98	80.60	37.59	98.80	45.36	106.4	48.89	114.8	53.08	122.3	56.79	128.0	59.88

35. ARUM760LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

35. ARUM760LTE6

35.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	45.20	3.08	72.60	4.92	103.0	7.06	110.2	7.61	117.4	8.16	125.0	8.75	133.0	9.48
	12	45.20	3.08	72.60	4.93	103.0	7.13	110.2	7.68	117.4	8.23	125.0	8.82	133.0	9.62
	14	45.20	3.08	72.60	4.96	103.0	7.24	110.2	7.79	117.4	8.37	125.0	9.00	133.0	9.84
	16	45.20	3.08	72.60	5.03	103.0	7.41	110.2	8.00	117.4	8.63	125.0	9.32	133.0	10.30
	18	45.20	3.11	72.60	5.17	103.0	7.77	110.2	8.47	117.4	9.20	125.0	10.04	133.0	11.28
	20	45.20	3.22	72.60	5.49	103.0	8.74	110.2	9.66	117.4	10.64	125.0	11.77	133.0	13.71
	21	51.30	4.03	78.30	6.95	108.3	11.75	115.5	12.55	122.7	13.45	129.9	14.25	137.2	15.44
	23	63.10	9.39	90.00	11.67	119.7	14.90	126.5	15.75	133.4	16.66	139.5	17.51	146.3	18.90
	25	75.60	11.61	101.8	14.47	131.4	18.66	137.6	19.70	144.4	20.82	149.4	21.74	155.4	23.37
	27	88.20	14.66	114.0	18.23	143.2	23.62	149.3	24.89	155.4	26.15	159.6	27.02	173.7	30.86
	29	101.1	18.79	126.2	23.05	155.4	29.19	161.1	30.51	167.2	31.95	177.1	34.48	205.2	43.45
	31	114.4	23.62	139.1	28.54	167.9	35.88	173.2	37.35	188.1	41.74	209.7	48.63	237.1	59.89
	33	128.1	29.60	152.0	35.34	180.5	44.10	198.8	50.32	221.2	58.73	242.0	66.72	268.7	80.31
	35	142.1	37.17	165.7	43.83	212.0	61.42	231.8	69.75	254.2	79.88	274.3	89.02	296.4	99.69
	37	142.1	39.64	165.7	46.76	212.0	65.40	231.8	74.31	254.2	85.33	274.3	94.44	279.3	98.27
	39	142.1	42.26	165.7	49.84	212.0	69.68	231.8	79.31	254.2	91.38	263.3	95.61	260.1	96.76
	41	142.1	45.07	165.7	53.16	212.0	74.33	231.8	84.82	243.5	91.30	243.5	91.33	240.4	92.32
	43	142.1	48.07	165.7	56.71	212.0	79.39	224.4	86.28	224.1	86.21	224.1	86.21	221.6	87.32
	46	142.1	52.94	165.7	62.51	197.1	79.20	197.1	79.20	196.8	79.11	197.1	79.19	194.4	79.98
	48	142.1	56.48	165.7	66.79	179.8	74.73	180.1	74.91	179.8	74.75	179.4	74.64	177.4	75.52
	50	142.1	60.28	163.6	70.16	163.3	70.10	163.3	70.17	163.3	70.09	163.0	70.02	161.0	70.92
	52	140.3	63.12	142.8	60.31	144.6	57.97	144.9	57.50	145.5	57.01	145.8	56.56	145.6	56.95
120	10	41.80	2.85	66.90	4.54	95.00	6.51	101.5	6.98	108.3	7.49	115.5	8.00	122.7	8.63
	12	41.80	2.85	66.90	4.54	95.00	6.54	101.5	7.05	108.3	7.53	115.5	8.08	122.7	8.74
	14	41.80	2.84	66.90	4.57	95.00	6.61	101.5	7.12	108.3	7.67	115.5	8.22	122.7	8.91
	16	41.80	2.85	66.90	4.61	95.00	6.76	101.5	7.30	108.3	7.85	115.5	8.47	122.7	9.27
	18	41.80	2.88	66.90	4.71	95.00	7.04	101.5	7.66	108.3	8.31	115.5	9.00	122.7	10.06
	20	41.80	2.95	66.90	4.96	95.00	7.80	101.5	8.59	108.3	9.43	115.5	10.37	122.7	12.12
	21	47.20	3.62	72.20	6.17	100.0	10.35	106.7	11.56	113.2	12.30	119.7	13.08	126.9	14.21
	23	58.50	8.97	82.90	10.99	110.6	13.83	116.7	14.52	123.1	15.32	128.8	16.05	134.9	17.25
	25	69.90	10.99	93.90	13.51	121.2	17.12	127.3	18.01	133.3	18.97	137.9	19.74	143.3	21.16
	27	81.30	13.70	105.2	16.84	132.2	21.46	137.9	22.54	143.6	23.70	147.4	24.50	160.3	27.84
	29	93.40	17.40	116.6	21.20	143.3	26.55	148.6	27.68	154.3	28.92	163.7	31.13	189.6	38.81
	31	105.6	21.83	128.4	26.09	155.0	32.43	159.9	33.71	173.7	37.48	193.4	43.38	218.9	53.33
	33	118.2	27.12	140.6	32.12	166.8	39.68	183.5	45.04	204.4	52.31	223.4	59.51	248.1	71.15
	35	131.1	33.83	152.8	39.60	195.7	54.89	214.0	62.31	234.8	70.95	253.1	79.33	276.7	91.64
	37	131.1	36.07	152.8	42.23	195.7	58.56	214.0	66.36	234.8	75.63	253.1	84.69	275.9	97.05
	39	131.1	38.46	152.8	45.04	195.7	62.47	214.0	70.71	234.8	80.73	253.1	90.70	260.1	96.40
	41	131.1	41.01	152.8	48.04	195.7	66.63	214.0	75.43	234.8	86.36	243.5	91.27	240.4	92.33
	43	131.1	43.73	152.8	51.23	195.7	71.02	214.0	80.60	224.3	86.23	224.3	86.23	221.6	87.20
	46	131.1	48.20	152.8	56.42	195.7	78.37	197.1	79.18	196.8	79.10	196.8	79.12	194.4	80.05
	48	131.1	51.39	152.8	60.21	179.8	74.80	179.8	74.80	179.8	74.77	179.5	74.62	177.5	75.59
	50	131.1	54.82	152.8	64.29	163.3	70.10	163.3	70.10	163.6	70.21	163.3	70.05	161.3	70.95
	52	131.1	58.51	142.3	61.28	144.0	58.92	144.3	58.44	144.6	57.96	144.9	57.59	144.8	58.12
110	10	38.40	2.58	61.50	4.16	87.00	5.92	93.10	6.36	99.20	6.82	105.7	7.29	112.5	7.84
	12	38.40	2.58	61.50	4.16	87.00	5.96	93.10	6.42	99.20	6.86	105.7	7.33	112.5	7.95
	14	38.40	2.58	61.50	4.19	87.00	6.03	93.10	6.46	99.20	6.96	105.7	7.44	112.5	8.06
	16	38.40	2.61	61.50	4.22	87.00	6.13	93.10	6.60	99.20	7.11	105.7	7.65	112.5	8.34
	18	38.40	2.61	61.50	4.29	87.00	6.35	93.10	6.89	99.20	7.46	105.7	8.04	112.5	8.95

35. ARUM760LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	38.40	2.65	61.50	4.47	87.00	6.92	93.10	7.60	99.20	8.32	105.7	9.12	112.5	10.50
	21	43.30	3.24	66.20	5.46	91.60	8.93	97.70	9.94	103.7	11.06	109.8	11.89	116.3	13.10
	23	53.60	8.59	76.00	10.38	101.4	12.83	107.1	13.44	112.9	14.09	118.2	14.68	123.8	15.74
	25	63.90	10.38	86.20	12.59	111.0	15.70	116.6	16.43	122.0	17.24	126.5	17.90	131.5	19.12
	27	74.50	12.79	96.50	15.53	121.2	19.46	126.2	20.38	131.5	21.35	135.2	22.04	147.0	25.01
	29	85.50	16.07	106.8	19.41	131.5	24.10	136.4	25.07	141.4	26.12	150.1	27.99	173.7	34.52
	31	96.90	20.12	117.8	23.77	142.1	29.24	146.6	30.33	159.2	33.55	177.4	38.56	200.6	46.94
	33	108.3	24.79	128.8	29.06	152.8	35.57	168.3	40.11	187.3	46.28	204.8	52.50	227.3	62.69
	35	120.1	30.69	140.2	35.65	179.3	48.68	196.1	55.17	215.1	62.74	232.1	69.76	254.2	82.10
	37	120.1	32.70	140.2	38.00	179.3	51.91	196.1	58.84	215.1	66.82	232.1	74.34	254.2	87.77
	39	120.1	34.87	140.2	40.54	179.3	55.35	196.1	62.79	215.1	71.21	232.1	79.34	254.2	93.60
	41	120.1	37.21	140.2	43.23	179.3	59.06	196.1	66.92	215.1	75.96	232.1	84.86	240.7	92.36
	43	120.1	39.67	140.2	46.11	179.3	63.03	196.1	71.38	215.1	81.17	224.4	86.24	221.6	87.26
	46	120.1	43.71	140.2	50.78	179.3	69.61	196.1	78.76	197.1	79.24	197.1	79.16	194.4	80.04
	48	120.1	46.62	140.2	54.17	179.3	74.44	179.8	74.66	179.8	74.79	179.8	74.70	177.4	75.48
	50	120.1	49.72	140.2	57.76	163.6	70.16	163.6	70.16	163.3	70.14	163.3	70.05	161.3	70.95
	52	120.1	53.06	140.2	61.60	143.1	60.07	143.4	59.60	143.7	59.11	143.1	58.69	144.2	58.85
100	10	34.90	2.35	55.90	3.77	79.10	5.38	84.70	5.77	90.40	6.16	96.10	6.59	102.2	7.10
	12	34.90	2.35	55.90	3.77	79.10	5.39	84.70	5.80	90.40	6.19	96.10	6.62	102.2	7.16
	14	34.90	2.35	55.90	3.77	79.10	5.45	84.70	5.84	90.40	6.26	96.10	6.70	102.2	7.24
	16	34.90	2.35	55.90	3.81	79.10	5.52	84.70	5.94	90.40	6.37	96.10	6.84	102.2	7.45
	18	34.90	2.38	55.90	3.87	79.10	5.67	84.70	6.16	90.40	6.62	96.10	7.16	102.2	7.88
	20	34.90	2.41	55.90	4.01	79.10	6.13	84.70	6.69	90.40	7.26	96.10	7.94	102.2	9.07
	21	39.50	2.90	60.40	4.78	83.60	7.66	88.90	8.48	94.30	9.37	99.90	10.31	105.6	11.85
	23	48.60	8.17	69.20	9.74	92.00	11.87	97.30	12.40	102.6	12.94	107.2	13.48	112.5	14.33
	25	58.10	9.78	78.30	11.71	101.1	14.36	106.0	15.01	111.0	15.67	115.1	16.21	119.4	17.24
	27	67.70	11.92	87.70	14.28	110.2	17.62	114.8	18.38	119.7	19.22	122.8	19.77	133.4	22.24
	29	77.90	14.81	97.30	17.68	119.4	21.75	123.9	22.58	128.5	23.51	136.4	25.08	158.1	30.56
	31	88.10	18.46	107.1	21.60	129.2	26.25	133.0	27.15	144.8	29.90	161.2	34.09	182.4	41.13
	33	98.40	22.58	117.0	26.22	139.1	31.73	152.8	35.57	170.2	40.73	186.2	45.93	206.7	54.81
	35	109.4	27.71	127.3	31.93	163.0	42.94	178.3	48.37	195.7	54.90	210.9	61.06	231.0	71.30
	37	109.4	29.53	127.3	34.05	163.0	45.79	178.3	51.57	195.7	58.56	210.9	65.00	231.0	76.01
	39	109.4	31.50	127.3	36.29	163.0	48.83	178.3	55.00	195.7	62.48	210.9	69.25	231.0	81.14
	41	109.4	33.58	127.3	38.71	163.0	52.07	178.3	58.68	195.7	66.63	210.9	73.86	231.0	86.83
	43	109.4	35.84	127.3	41.32	163.0	55.54	178.3	62.63	195.7	71.06	210.9	78.86	222.0	87.41
	46	109.4	39.49	127.3	45.51	163.0	61.22	178.3	69.14	195.7	78.40	197.1	79.22	194.4	79.96
	48	109.4	42.13	127.3	48.54	163.0	65.38	178.3	73.96	179.8	74.76	179.5	74.66	177.4	75.48
	50	109.4	44.96	127.3	51.77	163.0	69.84	163.6	70.13	163.3	70.14	163.6	70.20	161.0	70.83
	52	109.4	47.97	127.3	55.22	141.9	61.42	142.8	60.70	143.1	59.90	143.7	59.24	143.6	59.38
90	10	31.50	2.12	50.20	3.39	71.10	4.81	76.30	5.19	81.30	5.54	86.60	5.89	92.00	6.35
	12	31.50	2.12	50.20	3.39	71.10	4.84	76.30	5.19	81.30	5.54	86.60	5.92	92.00	6.39
	14	31.50	2.12	50.20	3.39	71.10	4.88	76.30	5.23	81.30	5.61	86.60	5.99	92.00	6.46
	16	31.50	2.12	50.20	3.42	71.10	4.92	76.30	5.30	81.30	5.68	86.60	6.09	92.00	6.60
	18	31.50	2.12	50.20	3.45	71.10	5.05	76.30	5.44	81.30	5.86	86.60	6.31	92.00	6.92
	20	31.50	2.15	50.20	3.56	71.10	5.34	76.30	5.83	81.30	6.32	86.60	6.88	92.00	7.78
	21	35.40	2.53	54.30	4.15	75.20	6.51	79.80	7.17	84.80	7.88	89.70	8.63	95.00	10.36
	23	43.70	7.79	62.30	9.16	82.90	10.99	87.40	11.44	92.30	11.90	96.50	12.33	101.1	13.09
	25	52.40	9.20	70.30	10.88	90.80	13.13	95.40	13.67	99.90	14.24	103.4	14.70	107.5	15.54
	27	61.20	11.08	78.70	13.10	99.20	15.92	103.4	16.57	107.6	17.23	110.6	17.69	120.1	19.77
	29	69.90	13.60	87.40	16.03	107.5	19.56	111.4	20.29	115.5	21.04	122.7	22.37	142.1	26.95
	31	79.10	16.85	96.20	19.58	116.3	23.46	119.7	24.24	130.3	26.49	145.2	29.98	164.2	35.81

35. ARUM760LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	88.60	20.52	105.3	23.55	125.0	28.16	137.6	31.38	153.2	35.65	167.6	39.91	186.2	47.19
	35	98.40	24.95	114.7	28.48	146.7	37.63	160.7	42.12	176.0	47.51	190.0	52.64	207.9	61.54
	37	98.40	26.55	114.7	30.34	146.7	40.13	160.7	44.93	176.0	50.64	190.0	56.15	207.9	65.52
	39	98.40	28.29	114.7	32.35	146.7	42.79	160.7	47.90	176.0	54.03	190.0	59.90	207.9	69.80
	41	98.40	30.18	114.7	34.50	146.7	45.64	160.7	51.10	176.0	57.63	190.0	63.94	207.9	74.45
	43	98.40	32.21	114.7	36.83	146.7	48.68	160.7	54.49	176.0	61.50	190.0	68.28	207.9	79.51
	46	98.40	35.52	114.7	40.57	146.7	53.62	160.7	60.05	176.0	67.88	190.0	75.23	194.7	80.09
	48	98.40	37.92	114.7	43.28	146.7	57.21	160.7	64.12	176.0	72.59	179.8	74.76	177.8	75.66
	50	98.40	40.47	114.7	46.18	146.7	61.04	160.7	68.50	163.3	70.10	163.3	70.14	161.3	70.99
	52	98.40	43.18	114.7	49.27	141.6	62.10	142.2	61.38	142.8	60.59	143.1	59.89	143.3	60.08
80	10	27.80	1.89	44.80	3.00	63.40	4.27	67.70	4.58	72.20	4.89	76.80	5.23	81.70	5.61
	12	27.80	1.89	44.80	3.00	63.40	4.27	67.70	4.61	72.20	4.92	76.80	5.23	81.70	5.65
	14	27.80	1.88	44.80	3.00	63.40	4.31	67.70	4.61	72.20	4.95	76.80	5.27	81.70	5.69
	16	27.80	1.88	44.80	3.00	63.40	4.34	67.70	4.68	72.20	4.99	76.80	5.34	81.70	5.79
	18	27.80	1.88	44.80	3.04	63.40	4.41	67.70	4.76	72.20	5.13	76.80	5.51	81.70	6.00
	20	27.80	1.88	44.80	3.11	63.40	4.63	67.70	5.04	72.20	5.45	76.80	5.90	81.70	6.61
	21	31.50	2.22	48.20	3.58	66.80	5.50	71.10	6.02	75.60	6.58	79.80	7.14	84.40	8.46
	23	38.80	7.24	55.40	8.59	73.70	10.15	77.90	10.53	82.10	10.91	85.90	11.26	90.00	11.90
	25	46.40	8.63	62.70	10.08	80.90	11.98	84.70	12.44	88.90	12.90	92.00	13.28	95.70	13.97
	27	54.30	10.28	70.00	11.99	88.20	14.35	91.90	14.88	95.80	15.42	98.40	15.81	106.8	17.49
	29	62.30	12.45	77.90	14.50	95.70	17.41	99.20	18.02	102.9	18.67	109.1	19.83	126.5	23.63
	31	70.30	15.28	85.50	17.63	103.3	20.90	106.4	21.52	115.9	23.38	129.2	26.22	145.9	30.95
	33	78.70	18.49	93.50	21.07	111.3	24.87	122.4	27.50	136.1	30.99	148.9	34.44	165.3	40.32
	35	87.40	22.35	101.9	25.26	130.3	32.78	142.8	36.42	156.5	40.77	168.7	44.91	184.7	52.22
	37	87.40	23.76	101.9	26.89	130.3	34.94	142.8	38.85	156.5	43.47	168.7	47.88	184.7	55.67
	39	87.40	25.31	101.9	28.67	130.3	37.26	142.8	41.43	156.5	46.36	168.7	51.08	184.7	59.41
	41	87.40	27.00	101.9	30.59	130.3	39.75	142.8	44.17	156.5	49.44	168.7	54.48	184.7	63.41
	43	87.40	28.81	101.9	32.63	130.3	42.40	142.8	47.12	156.5	52.75	168.7	58.11	184.7	67.69
	46	87.40	31.77	101.9	35.98	130.3	46.71	142.8	51.88	156.5	58.10	168.7	64.07	184.7	74.63
	48	87.40	33.91	101.9	38.41	130.3	49.82	142.8	55.34	156.5	62.01	168.7	68.48	177.8	75.63
	50	87.40	36.23	101.9	41.00	130.3	53.12	142.8	59.05	156.5	66.22	163.3	70.11	161.4	70.92
	52	87.40	38.70	101.9	43.74	130.3	56.66	140.7	61.77	142.3	61.52	142.5	60.74	142.7	60.94
70	10	24.30	1.65	39.10	2.62	55.50	3.73	59.30	4.00	63.10	4.27	67.30	4.54	71.50	4.89
	12	24.30	1.65	39.10	2.62	55.50	3.73	59.30	4.00	63.10	4.27	67.30	4.58	71.50	4.92
	14	24.30	1.65	39.10	2.62	55.50	3.77	59.30	4.03	63.10	4.30	67.30	4.58	71.50	4.95
	16	24.30	1.65	39.10	2.62	55.50	3.77	59.30	4.04	63.10	4.34	67.30	4.64	71.50	4.99
	18	24.30	1.65	39.10	2.65	55.50	3.84	59.30	4.11	63.10	4.41	67.30	4.72	71.50	5.17
	20	24.30	1.65	39.10	2.69	55.50	3.98	59.30	4.28	63.10	4.62	67.30	5.00	71.50	5.53
	21	27.70	1.91	42.20	3.05	58.50	4.56	62.30	4.98	66.10	5.42	69.90	5.87	74.10	6.79
	23	34.20	6.27	48.30	7.92	64.60	9.35	68.00	9.66	71.80	10.00	75.20	10.27	78.70	10.80
	25	40.70	8.10	54.70	9.28	70.70	10.88	74.10	11.26	77.90	11.64	80.50	11.94	83.60	12.55
	27	47.50	9.48	61.20	10.92	77.10	12.87	80.20	13.32	83.60	13.77	85.90	14.05	93.50	15.42
	29	54.40	11.31	68.00	13.03	83.60	15.42	86.70	15.92	90.00	16.45	95.40	17.37	110.6	20.56
	31	61.60	13.75	74.90	15.77	90.40	18.50	93.10	19.04	101.4	20.51	112.9	22.80	127.7	26.56
	33	68.80	16.52	82.00	18.72	97.30	21.84	107.1	23.94	119.3	26.73	130.3	29.45	144.8	34.14
	35	76.40	19.86	89.30	22.27	114.0	28.32	125.0	31.23	136.8	34.68	147.8	37.94	161.9	43.69
	37	76.40	21.10	89.30	23.68	114.0	30.18	125.0	33.28	136.8	36.99	147.8	40.45	161.9	46.58
	39	76.40	22.46	89.30	25.23	114.0	32.19	125.0	35.51	136.8	39.43	147.8	43.14	161.9	49.66
	41	76.40	23.96	89.30	26.92	114.0	34.34	125.0	37.86	136.8	42.07	147.8	46.02	161.9	52.98
	43	76.40	25.60	89.30	28.72	114.0	36.61	125.0	40.39	136.8	44.88	147.8	49.07	161.9	56.53
	46	76.40	28.23	89.30	31.69	114.0	40.37	125.0	44.51	136.8	49.40	147.8	54.05	161.9	62.33

35. ARUM760LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	76.40	30.17	89.30	33.83	114.0	43.05	125.0	47.46	136.8	52.70	147.8	57.67	161.9	66.58
	50	76.40	32.23	89.30	36.14	114.0	45.95	125.0	50.64	136.8	56.20	147.8	61.54	161.3	70.94
	52	76.40	34.46	89.30	38.58	114.0	49.00	125.0	54.01	136.8	59.98	142.0	61.98	141.8	62.14
60	10	20.90	1.42	33.50	2.24	47.50	3.20	50.90	3.43	54.30	3.66	57.70	3.89	61.20	4.19
	12	20.90	1.42	33.50	2.24	47.50	3.20	50.90	3.43	54.30	3.66	57.70	3.89	61.20	4.19
	14	20.90	1.39	33.50	2.24	47.50	3.20	50.90	3.43	54.30	3.66	57.70	3.92	61.20	4.19
	16	20.90	1.39	33.50	2.24	47.50	3.23	50.90	3.46	54.30	3.69	57.70	3.92	61.20	4.23
	18	20.90	1.39	33.50	2.27	47.50	3.23	50.90	3.49	54.30	3.73	57.70	3.99	61.20	4.33
	20	20.90	1.39	33.50	2.27	47.50	3.33	50.90	3.60	54.30	3.87	57.70	4.17	61.20	4.58
	21	23.60	1.61	36.10	2.53	50.10	3.74	53.20	4.07	56.60	4.41	60.00	4.75	63.40	5.38
	23	29.20	4.43	41.40	6.62	55.10	8.59	58.50	8.85	61.60	9.09	64.30	9.35	67.60	9.77
	25	36.10	7.71	47.10	8.56	60.80	9.86	63.50	10.16	66.50	10.46	69.10	10.72	71.80	11.19
	27	40.70	8.75	52.50	9.90	66.10	11.50	68.80	11.84	71.80	12.21	73.70	12.45	80.20	13.55
	29	46.70	10.28	58.20	11.65	71.80	13.59	74.40	13.98	77.10	14.39	81.70	15.15	94.70	17.67
	31	52.80	12.27	64.20	13.91	77.50	16.20	79.80	16.62	86.70	17.85	96.90	19.66	109.4	22.61
	33	58.90	14.65	70.30	16.44	83.30	18.99	91.60	20.71	102.2	22.85	111.7	24.98	123.9	28.59
	35	65.70	17.40	76.40	19.40	97.70	24.25	107.1	26.50	117.4	29.18	126.5	31.70	138.7	36.12
	37	65.70	18.46	76.40	20.61	97.70	25.81	107.1	28.25	117.4	31.11	126.5	33.78	138.7	38.51
	39	65.70	19.59	76.40	21.93	97.70	27.51	107.1	30.10	117.4	33.16	126.5	36.02	138.7	41.06
	41	65.70	20.84	76.40	23.40	97.70	29.36	107.1	32.14	117.4	35.39	126.5	38.44	138.7	43.79
	43	65.70	22.20	76.40	25.00	97.70	31.32	107.1	34.29	117.4	37.76	126.5	41.01	138.7	46.71
	46	65.70	24.52	76.40	27.65	97.70	34.55	107.1	37.79	117.4	41.61	126.5	45.17	138.7	51.42
	48	65.70	26.27	76.40	29.55	97.70	36.87	107.1	40.34	117.4	44.37	126.5	48.16	138.7	54.85
	50	65.70	28.16	76.40	31.60	97.70	39.38	107.1	43.05	117.4	47.34	126.5	51.38	138.7	58.55
	52	65.70	30.25	76.40	33.77	97.70	42.04	107.1	45.91	117.4	50.48	126.5	54.79	138.7	62.50
50	10	17.50	1.31	28.10	1.88	39.50	2.66	42.20	2.85	45.20	3.04	48.20	3.23	51.30	3.47
	12	17.50	1.31	28.10	1.88	39.50	2.66	42.20	2.85	45.20	3.04	48.20	3.23	51.30	3.47
	14	17.50	1.31	28.10	1.88	39.50	2.66	42.20	2.85	45.20	3.04	48.20	3.23	51.30	3.50
	16	17.50	1.31	28.10	1.85	39.50	2.66	42.20	2.85	45.20	3.04	48.20	3.27	51.30	3.50
	18	17.50	1.31	28.10	1.88	39.50	2.69	42.20	2.88	45.20	3.07	48.20	3.30	51.30	3.57
	20	17.50	1.31	28.10	1.88	39.50	2.72	42.20	2.92	45.20	3.14	48.20	3.37	51.30	3.68
	21	19.70	1.31	30.00	2.07	41.80	3.01	44.50	3.24	47.10	3.47	49.80	3.74	52.80	4.18
	23	24.30	3.01	34.60	4.49	46.00	7.57	48.60	7.94	51.30	8.28	53.60	8.47	56.20	8.79
	25	33.70	7.66	39.10	7.87	50.50	8.90	52.90	9.13	55.50	9.36	57.40	9.55	59.70	9.93
	27	34.40	8.11	43.70	8.94	55.10	10.20	57.40	10.47	59.70	10.74	61.50	10.93	66.90	11.80
	29	38.80	9.25	48.60	10.35	59.70	11.85	61.90	12.18	64.20	12.49	68.10	13.06	79.00	15.00
	31	44.10	10.86	53.60	12.15	64.60	13.98	66.50	14.32	72.20	15.31	80.60	16.77	91.20	19.08
	33	49.40	12.85	58.50	14.27	69.50	16.29	76.40	17.62	85.10	19.34	93.10	20.95	103.4	23.66
	35	54.70	15.08	63.80	16.67	81.40	20.54	89.30	22.27	97.70	24.25	105.6	26.12	115.5	29.38
	37	54.70	15.92	63.80	17.63	81.40	21.86	89.30	23.68	97.70	25.84	105.6	27.82	115.5	31.32
	39	54.70	16.84	63.80	18.70	81.40	23.29	89.30	25.23	97.70	27.54	105.6	29.67	115.5	33.40
	41	54.70	17.87	63.80	19.90	81.40	24.80	89.30	26.92	97.70	29.36	105.6	31.64	115.5	35.63
	43	54.70	18.99	63.80	21.19	81.40	26.49	89.30	28.73	97.70	31.32	105.6	33.75	115.5	38.01
	46	54.70	20.90	63.80	23.37	81.40	29.22	89.30	31.69	97.70	34.55	105.6	37.21	115.5	41.89
	48	54.70	22.33	63.80	25.02	81.40	31.21	89.30	33.83	97.70	36.91	105.6	39.73	115.5	44.68
	50	54.70	23.87	63.80	26.80	81.40	33.37	89.30	36.15	97.70	39.38	105.6	42.39	115.5	47.67
	52	54.70	25.56	63.80	28.76	81.40	35.65	89.30	38.61	97.70	42.04	105.6	45.25	115.5	50.84

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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35.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	142.7	68.05	141.6	68.63	140.4	69.21	140.0	69.49	139.6	69.79	138.5	70.34
	-24.8	-25	166.0	71.55	164.8	72.20	163.6	72.83	162.9	73.14	162.5	73.48	161.3	74.10
	-21.8	-22	180.5	73.56	179.3	74.26	178.1	74.92	177.4	75.27	176.9	75.58	175.5	76.24
	-19.8	-20	190.8	74.92	189.6	75.62	188.1	76.32	187.3	76.67	186.9	77.02	185.7	77.71
	-18.8	-19	196.1	75.59	194.6	76.32	193.4	77.05	192.6	77.40	191.9	77.75	190.7	78.42
	-16.7	-17	206.8	76.98	205.6	77.72	204.1	78.45	203.3	78.84	202.9	79.19	201.4	79.89
	-15	-15.9	213.6	77.76	212.1	78.53	210.6	79.30	209.8	79.66	209.0	80.04	207.8	80.74
	-13.7	-15	219.2	78.47	217.7	79.25	216.4	80.03	215.7	80.42	214.9	80.80	213.7	81.54
	-11.8	-13	230.5	79.81	228.9	80.62	227.4	81.40	226.6	81.79	225.8	82.17	224.3	82.94
	-9.8	-11	243.0	81.24	241.1	82.05	239.5	82.87	238.8	83.26	238.0	83.65	236.4	84.42
	-9.5	-10	248.8	81.90	247.2	82.72	245.6	83.56	244.8	83.96	243.7	84.38	242.1	85.15
	-8.5	-9.1	254.8	82.55	252.9	83.41	251.3	84.23	250.5	84.65	249.7	85.04	247.9	85.85
	-7	-7.6	264.7	83.64	263.1	84.53	261.2	85.38	260.4	85.78	259.3	86.20	257.7	87.01
	-5	-5.6	278.8	85.14	276.8	86.04	274.9	86.89	274.1	87.32	273.0	87.75	271.1	88.59
	-3	-3.7	292.5	86.58	290.5	87.51	288.6	88.40	287.5	88.83	286.6	89.29	272.4	84.20
	0	-0.7	315.3	88.93	313.0	89.86	310.9	90.75	301.4	87.36	291.8	83.90	272.4	77.08
	3	2.2	338.1	91.20	330.6	89.89	311.2	83.34	301.4	80.17	291.8	77.00	272.4	70.84
	5	4.1	350.0	91.22	330.6	84.94	311.2	78.81	301.4	75.83	291.8	72.87	272.4	67.07
	7	6	350.0	86.13	330.6	80.23	311.2	74.49	301.4	71.68	291.8	68.88	272.4	63.45
	9	7.9	350.0	81.14	330.6	75.61	311.2	70.21	301.4	67.57	291.8	64.97	272.4	59.87
	11	9.8	350.0	76.34	330.6	71.17	311.2	66.14	301.4	63.66	291.8	61.26	272.4	56.48
	13	11.8	350.0	71.52	330.6	66.72	311.2	62.08	301.4	59.77	291.8	57.53	272.4	53.11
	15	13.7	350.0	67.18	330.6	62.74	311.2	58.39	301.4	56.27	291.8	54.16	272.4	50.06
120	-30	-30.2	142.0	68.36	140.8	68.94	140.0	69.52	139.6	69.80	138.9	70.07	138.1	70.65
	-24.8	-25	165.2	71.97	164.0	72.60	162.9	73.25	162.2	73.56	161.7	73.87	160.6	74.49
	-21.8	-22	179.7	74.07	178.5	74.73	177.0	75.39	176.6	75.73	175.9	76.05	174.7	76.70
	-19.8	-20	189.6	75.46	188.4	76.16	187.3	76.86	186.5	77.21	185.8	77.52	184.6	78.21
	-18.8	-19	195.0	76.16	193.8	76.87	192.3	77.59	191.5	77.94	191.1	78.26	189.6	78.95
	-16.7	-17	205.7	77.60	204.4	78.34	202.9	79.07	202.2	79.42	201.7	79.77	200.2	80.47
	-15	-15.9	212.1	78.42	210.9	79.19	209.4	79.92	208.6	80.28	207.9	80.66	206.7	81.36
	-13.7	-15	218.0	79.17	216.5	79.95	215.3	80.69	214.5	81.08	213.8	81.43	212.5	82.17
	-11.8	-13	229.2	80.55	227.7	81.36	226.1	82.13	225.4	82.49	224.6	82.87	223.0	83.61
	-9.8	-11	241.4	82.05	239.5	82.87	238.0	83.65	237.2	84.03	236.4	84.42	234.9	85.19
	-9.5	-10	247.2	82.75	245.6	83.57	243.7	84.38	242.9	84.77	242.1	85.16	240.6	85.93
	-8.5	-9.1	252.9	83.45	251.3	84.26	249.4	85.08	248.6	85.47	247.8	85.89	246.3	86.66
	-7	-7.6	262.8	84.61	261.2	85.43	259.3	86.28	258.5	86.67	257.7	87.09	251.2	85.56
	-5	-5.6	276.5	86.16	274.5	87.05	272.6	87.90	271.8	88.29	269.4	87.90	251.2	80.75
	-3	-3.7	290.1	87.70	288.2	88.59	286.2	89.45	278.2	86.51	269.4	83.08	251.2	76.38
	0	-0.7	312.2	90.17	305.2	88.71	287.3	82.31	278.2	79.15	269.4	76.05	251.2	70.00
	3	2.2	323.0	87.35	305.2	81.40	287.3	75.58	278.2	72.73	269.4	69.92	251.2	64.41
	5	4.1	323.0	82.56	305.2	76.98	287.3	71.53	278.2	68.85	269.4	66.21	251.2	61.05
	7	6	323.0	78.01	305.2	72.75	287.3	67.62	278.2	65.10	269.4	62.62	251.2	57.75
	9	7.9	323.0	73.51	305.2	68.59	287.3	63.79	278.2	61.43	269.4	59.12	251.2	54.54
	11	9.8	323.0	69.21	305.2	64.61	287.3	60.13	278.2	57.93	269.4	55.78	251.2	51.51
	13	11.8	323.0	64.94	305.2	60.67	287.3	56.51	278.2	54.44	269.4	52.44	251.2	48.47

35. ARUM760LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	323.0	61.05	305.2	57.09	287.3	53.22	278.2	51.31	269.4	49.43	251.2	45.73
110	-30	-30.2	141.2	68.75	140.4	69.33	139.3	69.87	138.9	70.18	138.5	70.45	137.4	70.99
	-24.8	-25	164.4	72.47	163.2	73.10	162.1	73.72	161.4	74.03	160.9	74.33	159.8	74.92
	-21.8	-22	178.5	74.65	177.4	75.31	176.2	75.96	175.5	76.28	175.0	76.59	173.9	77.24
	-19.8	-20	188.5	76.09	187.3	76.78	186.1	77.45	185.4	77.79	184.9	78.14	183.4	78.76
	-18.8	-19	193.8	76.82	192.3	77.52	191.1	78.22	190.3	78.56	189.9	78.88	188.7	79.57
	-16.7	-17	204.4	78.33	202.9	79.04	201.7	79.77	201.0	80.12	200.2	80.46	199.0	81.13
	-15	-15.9	210.6	79.19	209.4	79.93	207.9	80.66	207.1	81.01	206.6	81.36	205.1	82.06
	-13.7	-15	216.5	79.96	215.0	80.73	213.7	81.47	213.0	81.85	212.2	82.20	211.0	82.90
	-11.8	-13	227.3	81.44	225.8	82.21	224.3	82.95	223.5	83.33	223.0	83.69	221.5	84.42
	-9.8	-11	239.5	82.99	237.6	83.80	236.1	84.57	235.3	84.93	234.5	85.31	230.3	84.59
	-9.5	-10	245.2	83.73	243.6	84.54	241.8	85.31	241.0	85.70	240.2	86.09	230.3	82.40
	-8.5	-9.1	250.9	84.46	249.0	85.27	247.5	86.05	246.7	86.47	245.9	86.83	230.3	80.31
	-7	-7.6	260.5	85.69	258.9	86.51	257.0	87.32	255.0	87.12	247.0	83.70	230.3	76.97
	-5	-5.6	273.8	87.36	272.2	88.21	263.3	85.48	255.0	82.22	247.0	79.00	230.3	72.69
	-3	-3.7	287.4	88.98	279.7	87.10	263.3	80.82	255.0	77.77	247.0	74.72	230.3	68.82
	0	-0.7	296.4	85.49	279.7	79.69	263.3	74.03	255.0	71.26	247.0	68.50	230.3	63.14
	3	2.2	296.4	78.47	279.7	73.20	263.3	68.07	255.0	65.55	247.0	63.07	230.3	58.19
	5	4.1	296.4	74.22	279.7	69.28	263.3	64.47	255.0	62.11	247.0	59.76	230.3	55.19
	7	6	296.4	70.18	279.7	65.53	263.3	60.98	255.0	58.74	247.0	56.54	230.3	52.24
	9	7.9	296.4	66.19	279.7	61.83	263.3	57.59	255.0	55.48	247.0	53.44	230.3	49.38
	11	9.8	296.4	62.37	279.7	58.32	263.3	54.33	255.0	52.38	247.0	50.46	230.3	46.68
	13	11.8	296.4	58.55	279.7	54.79	263.3	51.11	255.0	49.28	247.0	47.49	230.3	43.98
	15	13.7	296.4	55.14	279.7	51.62	263.3	48.19	255.0	46.48	247.0	44.80	230.3	41.54
100	-30	-30.2	140.4	69.21	139.6	69.76	138.5	70.33	138.1	70.60	137.7	70.88	136.6	71.42
	-24.8	-25	163.3	73.05	162.1	73.67	161.0	74.29	160.5	74.57	159.8	74.88	159.0	75.46
	-21.8	-22	177.4	75.31	176.2	75.97	175.0	76.59	174.3	76.93	173.9	77.24	172.7	77.86
	-19.8	-20	187.3	76.82	185.8	77.52	184.6	78.18	184.2	78.49	183.4	78.83	182.3	79.46
	-18.8	-19	192.2	77.60	191.1	78.29	189.6	78.96	189.1	79.30	188.4	79.62	187.2	80.27
	-16.7	-17	202.9	79.19	201.4	79.88	200.2	80.58	199.4	80.93	198.7	81.24	197.5	81.90
	-15	-15.9	209.0	80.08	207.5	80.82	206.3	81.51	205.5	81.86	204.8	82.21	203.6	82.87
	-13.7	-15	214.6	80.92	213.4	81.66	212.2	82.40	211.4	82.75	210.7	83.10	209.4	83.75
	-11.8	-13	225.4	82.45	223.8	83.19	222.3	83.92	221.6	84.30	221.1	84.65	209.4	79.66
	-9.8	-11	237.2	84.11	235.6	84.88	234.1	85.62	231.8	85.26	224.5	81.95	209.4	75.42
	-9.5	-10	242.9	84.89	241.0	85.66	239.4	86.35	231.8	83.04	224.5	79.82	209.4	73.49
	-8.5	-9.1	248.2	85.66	246.7	86.44	239.4	84.13	231.8	80.95	224.5	77.80	209.4	71.65
	-7	-7.6	257.7	86.97	254.2	86.81	239.4	80.63	231.8	77.57	224.5	74.59	209.4	68.69
	-5	-5.6	269.4	87.90	254.2	81.93	239.4	76.10	231.8	73.28	224.5	70.44	209.4	64.94
	-3	-3.7	269.4	83.09	254.2	77.49	239.4	72.02	231.8	69.34	224.5	66.69	209.4	61.52
	0	-0.7	269.4	76.05	254.2	70.99	239.4	66.05	231.8	63.61	224.5	61.24	209.4	56.53
	3	2.2	269.4	69.93	254.2	65.32	239.4	60.83	231.8	58.63	224.5	56.43	209.4	52.16
	5	4.1	269.4	66.21	254.2	61.88	239.4	57.67	231.8	55.59	224.5	53.55	209.4	49.52
	7	6	269.4	62.62	254.2	58.54	239.4	54.58	231.8	52.63	224.5	50.71	209.4	46.89
	9	7.9	269.4	59.12	254.2	55.31	239.4	51.60	231.8	49.76	224.5	47.93	209.4	44.39
	11	9.8	269.4	55.78	254.2	52.22	239.4	48.74	231.8	47.03	224.5	45.35	209.4	42.01
	13	11.8	269.4	52.44	254.2	49.13	239.4	45.89	231.8	44.30	224.5	42.71	209.4	39.63
	15	13.7	269.4	49.43	254.2	46.32	239.4	43.32	231.8	41.81	224.5	40.34	209.4	37.47

35. ARUM760LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	139.6	69.75	138.5	70.30	137.7	70.84	137.3	71.11	136.6	71.38	135.8	71.89
	-24.8	-25	162.1	73.75	160.9	74.37	159.8	74.95	159.4	75.26	158.7	75.54	157.5	76.12
	-21.8	-22	175.8	76.12	174.7	76.74	173.5	77.40	172.8	77.71	172.4	77.98	171.2	78.60
	-19.8	-20	185.4	77.72	184.2	78.37	183.0	79.03	182.6	79.34	181.9	79.65	180.7	80.27
	-18.8	-19	190.7	78.53	189.2	79.22	188.0	79.85	187.2	80.19	186.8	80.50	185.6	81.12
	-16.7	-17	200.9	80.20	199.4	80.89	198.2	81.55	197.5	81.90	196.8	82.21	188.5	78.58
	-15	-15.9	207.0	81.17	205.5	81.86	204.3	82.56	203.6	82.87	201.8	82.68	188.5	76.11
	-13.7	-15	212.6	82.05	211.4	82.78	209.9	83.48	208.6	83.45	201.8	80.17	188.5	73.76
	-11.8	-13	223.0	83.65	221.5	84.38	215.5	82.43	208.6	79.34	201.8	76.26	188.5	70.24
	-9.8	-11	234.5	85.43	228.8	83.94	215.5	78.01	208.6	75.10	201.8	72.21	188.5	66.58
	-9.5	-10	239.8	86.25	228.8	81.76	215.5	76.00	208.6	73.18	201.8	70.37	188.5	64.90
	-8.5	-9.1	242.4	85.41	228.8	79.68	215.5	74.11	208.6	71.33	201.8	68.63	188.5	63.30
	-7	-7.6	242.4	81.86	228.8	76.38	215.5	71.03	208.6	68.41	201.8	65.84	188.5	60.74
	-5	-5.6	242.4	77.25	228.8	72.14	215.5	67.11	208.6	64.66	201.8	62.25	188.5	57.45
	-3	-3.7	242.4	73.10	228.8	68.30	215.5	63.57	208.6	61.25	201.8	58.96	188.5	54.48
	0	-0.7	242.4	67.04	228.8	62.67	215.5	58.41	208.6	56.30	201.8	54.22	188.5	50.14
	3	2.2	242.4	61.73	228.8	57.76	215.5	53.88	208.6	51.96	201.8	50.08	188.5	46.37
	5	4.1	242.4	58.50	228.8	54.77	215.5	51.12	208.6	49.32	201.8	47.56	188.5	44.05
	7	6	242.4	55.37	228.8	51.85	215.5	48.41	208.6	46.73	201.8	45.05	188.5	41.75
	9	7.9	242.4	52.31	228.8	49.02	215.5	45.82	208.6	44.23	201.8	42.64	188.5	39.57
	11	9.8	242.4	49.44	228.8	46.36	215.5	43.33	208.6	41.85	201.8	40.38	188.5	37.47
	13	11.8	242.4	46.52	228.8	43.67	215.5	40.84	208.6	39.48	201.8	38.09	188.5	35.41
	15	13.7	242.4	43.91	228.8	41.23	215.5	38.59	208.6	37.31	201.8	36.04	188.5	33.52
80	-30	-30.2	138.5	70.41	137.4	70.95	136.6	71.49	136.2	71.73	135.8	72.00	134.7	72.51
	-24.8	-25	160.5	74.61	159.4	75.22	158.3	75.80	157.8	76.07	157.1	76.35	156.3	76.92
	-21.8	-22	173.9	77.12	172.8	77.74	171.6	78.33	171.2	78.64	170.5	78.94	167.6	78.25
	-19.8	-20	183.4	78.80	182.3	79.45	181.1	80.07	180.4	80.38	179.3	80.39	167.6	74.15
	-18.8	-19	188.4	79.68	187.2	80.31	186.0	80.96	185.3	81.27	179.4	78.31	167.6	72.21
	-16.7	-17	198.3	81.43	197.1	82.09	191.5	80.06	185.5	77.10	179.4	74.18	167.6	68.42
	-15	-15.9	204.4	82.48	203.2	83.14	191.5	77.55	185.5	74.68	179.4	71.84	167.6	66.26
	-13.7	-15	209.9	83.44	203.3	80.89	191.5	75.16	185.5	72.34	179.4	69.56	167.6	64.13
	-11.8	-13	215.5	82.43	203.3	76.94	191.5	71.56	185.5	68.93	179.4	66.34	167.6	61.16
	-9.8	-11	215.5	78.01	203.3	72.84	191.5	67.84	185.5	65.34	179.4	62.88	167.6	58.08
	-9.5	-10	215.5	76.00	203.3	71.00	191.5	66.12	185.5	63.71	179.4	61.33	167.6	56.68
	-8.5	-9.1	215.5	74.11	203.3	69.23	191.5	64.48	185.5	62.15	179.4	59.82	167.6	55.29
	-7	-7.6	215.5	71.03	203.3	66.39	191.5	61.85	185.5	59.64	179.4	57.43	167.6	53.07
	-5	-5.6	215.5	67.11	203.3	62.77	191.5	58.51	185.5	56.42	179.4	54.34	167.6	50.27
	-3	-3.7	215.5	63.57	203.3	59.47	191.5	55.46	185.5	53.50	179.4	51.57	167.6	47.74
	0	-0.7	215.5	58.41	203.3	54.69	191.5	51.04	185.5	49.28	179.4	47.48	167.6	44.01
	3	2.2	215.5	53.88	203.3	50.48	191.5	47.19	185.5	45.55	179.4	43.92	167.6	40.76
	5	4.1	215.5	51.12	203.3	47.95	191.5	44.83	185.5	43.27	179.4	41.75	167.6	38.76
	7	6	215.5	48.41	203.3	45.41	191.5	42.48	185.5	41.04	179.4	39.61	167.6	36.78
	9	7.9	215.5	45.82	203.3	42.99	191.5	40.26	185.5	38.90	179.4	37.55	167.6	34.92
	11	9.8	215.5	43.33	203.3	40.69	191.5	38.13	185.5	36.85	179.4	35.58	167.6	33.11
	13	11.8	215.5	40.84	203.3	38.40	191.5	36.00	185.5	34.80	179.4	33.64	167.6	31.33
	15	13.7	215.5	38.59	203.3	36.31	191.5	34.07	185.5	32.95	179.4	31.87	167.6	29.68
70	-30	-30.2	137.0	71.26	136.2	71.77	135.1	72.27	134.7	72.54	134.3	72.81	133.5	73.28

35. ARUM760LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	158.3	75.69	157.5	76.27	156.3	76.81	155.9	77.08	155.5	77.35	146.7	72.54
	-21.8	-22	171.6	78.36	170.5	78.94	167.6	78.25	162.3	75.37	157.0	72.54	146.7	66.99
	-19.8	-20	181.1	80.15	178.2	79.66	167.6	74.15	162.3	71.44	157.0	68.77	146.7	63.52
	-18.8	-19	185.7	81.08	178.2	77.52	167.6	72.21	162.3	69.58	157.0	66.99	146.7	61.87
	-16.7	-17	188.5	78.58	178.2	73.43	167.6	68.42	162.3	65.95	157.0	63.49	146.7	58.69
	-15	-15.9	188.5	76.11	178.2	71.13	167.6	66.26	162.3	63.85	157.0	61.44	146.7	56.74
	-13.7	-15	188.5	73.77	178.2	68.89	167.6	64.13	162.3	61.80	157.0	59.47	146.7	54.94
	-11.8	-13	188.5	70.24	178.2	65.67	167.6	61.16	162.3	58.92	157.0	56.74	146.7	52.42
	-9.8	-11	188.5	66.58	178.2	62.28	167.6	58.08	162.3	55.99	157.0	53.96	146.7	49.91
	-9.5	-10	188.5	64.90	178.2	60.74	167.6	56.68	162.3	54.67	157.0	52.67	146.7	48.78
	-8.5	-9.1	188.5	63.30	178.2	59.27	167.6	55.29	162.3	53.33	157.0	51.40	146.7	47.60
	-7	-7.6	188.5	60.74	178.2	56.88	167.6	53.07	162.3	51.23	157.0	49.38	146.7	45.74
	-5	-5.6	188.5	57.45	178.2	53.83	167.6	50.30	162.3	48.54	157.0	46.81	146.7	43.38
	-3	-3.7	188.5	54.48	178.2	51.07	167.6	47.74	162.3	46.09	157.0	44.46	146.7	41.23
	0	-0.7	188.5	50.14	178.2	47.05	167.6	44.01	162.3	42.52	157.0	41.04	146.7	38.10
	3	2.2	188.5	46.37	178.2	43.53	167.6	40.76	162.3	39.40	157.0	38.04	146.7	35.37
	5	4.1	188.5	44.05	178.2	41.37	167.6	38.76	162.3	37.45	157.0	36.17	146.7	33.66
	7	6	188.5	41.75	178.2	39.26	167.6	36.78	162.3	35.58	157.0	34.35	146.7	31.99
	9	7.9	188.5	39.57	178.2	37.21	167.6	34.92	162.3	33.76	157.0	32.64	146.7	30.41
	11	9.8	188.5	37.48	178.2	35.27	167.6	33.11	162.3	32.06	157.0	30.99	146.7	28.91
	13	11.8	188.5	35.42	178.2	33.34	167.6	31.33	162.3	30.33	157.0	29.33	146.7	27.38
	15	13.7	188.5	33.52	178.2	31.60	167.6	29.68	162.3	28.76	157.0	27.83	146.7	26.00
60	-30	-30.2	135.0	72.34	134.3	72.84	133.5	73.32	132.8	73.58	132.4	73.81	125.8	69.77
	-24.8	-25	155.9	77.08	152.7	75.98	143.6	70.82	139.1	68.30	134.5	65.79	125.8	60.82
	-21.8	-22	161.5	74.97	152.7	70.14	143.6	65.43	139.1	63.09	134.5	60.78	125.8	56.23
	-19.8	-20	161.5	71.08	152.7	66.54	143.6	62.05	139.1	59.87	134.5	57.69	125.8	53.38
	-18.8	-19	161.5	69.22	152.7	64.77	143.6	60.44	139.1	58.30	134.5	56.20	125.8	52.02
	-16.7	-17	161.5	65.59	152.7	61.43	143.6	57.32	139.1	55.30	134.5	53.33	125.8	49.39
	-15	-15.9	161.5	63.49	152.7	59.42	143.6	55.43	139.1	53.46	134.5	51.53	125.8	47.69
	-13.7	-15	161.5	61.48	152.7	57.53	143.6	53.67	139.1	51.78	134.5	49.90	125.8	46.21
	-11.8	-13	161.5	58.60	152.7	54.86	143.6	51.20	139.1	49.40	134.5	47.63	125.8	44.11
	-9.8	-11	161.5	55.70	152.7	52.23	143.6	48.74	139.1	47.02	134.5	45.34	125.8	42.02
	-9.5	-10	161.5	54.36	152.7	50.98	143.6	47.68	139.1	46.04	134.5	44.40	125.8	41.23
	-8.5	-9.1	161.5	53.05	152.7	49.76	143.6	46.54	139.1	44.94	134.5	43.37	125.8	40.25
	-7	-7.6	161.5	50.95	152.7	47.82	143.6	44.73	139.1	43.20	134.5	41.72	125.8	38.72
	-5	-5.6	161.5	48.27	152.7	45.33	143.6	42.44	139.1	41.00	134.5	39.60	125.8	36.80
	-3	-3.7	161.5	45.86	152.7	43.06	143.6	40.33	139.1	39.00	134.5	37.65	125.8	35.01
	0	-0.7	161.5	42.30	152.7	39.77	143.6	37.28	139.1	36.04	134.5	34.84	125.8	32.44
	3	2.2	161.5	39.21	152.7	36.88	143.6	34.60	139.1	33.48	134.5	32.39	125.8	30.20
	5	4.1	161.5	37.29	152.7	35.09	143.6	32.96	139.1	31.88	134.5	30.84	125.8	28.77
	7	6	161.5	35.39	152.7	33.34	143.6	31.34	139.1	30.34	134.5	29.34	125.8	27.38
	9	7.9	161.5	33.61	152.7	31.68	143.6	29.79	139.1	28.84	134.5	27.92	125.8	26.08
	11	9.8	161.5	31.91	152.7	30.10	143.6	28.30	139.1	27.42	134.5	26.57	125.8	24.85
	13	11.8	161.5	30.18	152.7	28.49	143.6	26.84	139.1	26.00	134.5	25.19	125.8	23.59
	15	13.7	161.5	28.64	152.7	27.03	143.6	25.50	139.1	24.73	134.5	23.97	125.8	22.45
50	-30	-30.2	132.4	73.78	127.3	70.73	119.7	66.00	115.9	63.68	112.1	61.37	104.8	56.83
	-24.8	-25	134.5	65.79	127.3	61.65	119.7	57.59	115.9	55.58	112.1	53.59	104.8	49.68

35. ARUM760LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	134.5	60.78	127.3	56.98	119.7	53.26	115.9	51.44	112.1	49.62	104.8	46.04
	-19.8	-20	134.5	57.69	127.3	54.09	119.7	50.58	115.9	48.85	112.1	47.15	104.8	43.74
	-18.8	-19	134.5	56.20	127.3	52.73	119.7	49.30	115.9	47.61	112.1	45.95	104.8	42.66
	-16.7	-17	134.5	53.33	127.3	50.05	119.7	46.83	115.9	45.22	112.1	43.66	104.8	40.56
	-15	-15.9	134.5	51.53	127.3	48.32	119.7	45.21	115.9	43.65	112.1	42.12	104.8	39.12
	-13.7	-15	134.5	49.90	127.3	46.80	119.7	43.79	115.9	42.30	112.1	40.82	104.8	37.90
	-11.8	-13	134.5	47.63	127.3	44.70	119.7	41.81	115.9	40.40	112.1	39.00	104.8	36.24
	-9.8	-11	134.5	45.34	127.3	42.56	119.7	39.84	115.9	38.51	112.1	37.16	104.8	34.56
	-9.5	-10	134.5	44.40	127.3	41.74	119.7	39.13	115.9	37.84	112.1	36.56	104.8	34.03
	-8.5	-9.1	134.5	43.37	127.3	40.79	119.7	38.23	115.9	36.98	112.1	35.74	104.8	33.26
	-7	-7.6	134.5	41.72	127.3	39.23	119.7	36.78	115.9	35.58	112.1	34.41	104.8	32.05
	-5	-5.6	134.5	39.60	127.3	37.26	119.7	34.95	115.9	33.82	112.1	32.70	104.8	30.49
	-3	-3.7	134.5	37.65	127.3	35.47	119.7	33.30	115.9	32.22	112.1	31.18	104.8	29.10
	0	-0.7	134.5	34.84	127.3	32.83	119.7	30.86	115.9	29.90	112.1	28.94	104.8	27.02
	3	2.2	134.5	32.39	127.3	30.55	119.7	28.74	115.9	27.85	112.1	26.97	104.8	25.24
	5	4.1	134.5	30.84	127.3	29.11	119.7	27.42	115.9	26.58	112.1	25.73	104.8	24.09
	7	6	134.5	29.34	127.3	27.72	119.7	26.12	115.9	25.31	112.1	24.55	104.8	22.98
	9	7.9	134.5	27.92	127.3	26.38	119.7	24.89	115.9	24.13	112.1	23.40	104.8	21.95
	11	9.8	134.5	26.57	127.3	25.12	119.7	23.71	115.9	23.02	112.1	22.33	104.8	20.96
	13	11.8	134.5	25.19	127.3	23.86	119.7	22.52	115.9	21.87	112.1	21.23	104.8	19.94
	15	13.7	134.5	23.97	127.3	22.71	119.7	21.46	115.9	20.85	112.1	20.24	104.8	19.03

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

35.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	142.7	68.05	141.6	68.63	140.4	69.21	140.0	69.49	139.6	69.79	138.5	70.34
	-24.8	-25	166.0	71.55	164.8	72.20	163.6	72.83	162.9	73.14	162.5	73.48	161.3	74.10
	-21.8	-22	180.5	73.56	179.3	74.26	178.1	74.92	177.4	75.27	176.9	75.58	175.5	76.24
	-19.8	-20	190.8	74.92	189.6	75.62	188.1	76.32	187.3	76.67	186.9	77.02	185.7	77.71
	-18.8	-19	196.1	75.59	194.6	76.32	193.4	77.05	192.6	77.40	191.9	77.75	190.7	78.42
	-16.7	-17	206.8	76.98	205.6	77.72	204.1	78.45	203.3	78.84	202.9	79.19	201.4	79.89
	-15	-15.9	213.6	77.76	212.1	78.53	210.6	79.30	209.8	79.66	209.0	80.04	207.8	80.74
	-13.7	-15	219.2	78.47	217.7	79.25	216.4	80.03	215.7	80.42	214.9	80.80	213.7	81.54
	-11.8	-13	230.5	79.81	228.9	80.62	227.4	81.40	226.6	81.79	225.8	82.17	224.3	82.94
	-9.8	-11	243.0	81.24	241.1	82.05	239.5	82.87	238.8	83.26	238.0	83.65	236.4	84.42
	-9.5	-10	248.8	81.90	247.2	82.72	245.6	83.56	244.8	83.96	243.7	84.38	242.1	85.15
	-8.5	-9.1	254.8	82.55	252.9	83.41	251.3	84.23	250.5	84.65	249.7	85.04	247.9	85.85
	-7	-7.6	264.7	83.64	263.1	84.53	261.2	85.38	260.4	85.78	259.3	86.20	257.7	87.01
	-5	-5.6	278.8	85.14	276.8	86.04	274.9	86.89	274.1	87.32	273.0	87.75	271.1	88.59
	-3	-3.7	292.5	86.58	290.5	87.51	288.6	88.40	287.5	88.83	286.6	89.29	272.4	84.20
	0	-0.7	315.3	88.93	313.0	89.86	310.9	90.75	301.4	87.36	291.8	83.90	272.4	77.08
	3	2.2	338.1	91.20	330.6	89.89	311.2	83.34	301.4	80.17	291.8	77.00	272.4	70.84
	5	4.1	331.4	83.28	311.6	77.22	292.2	71.34	282.3	68.46	272.4	65.62	252.7	60.04
	7	6	312.0	71.30	292.2	65.82	272.5	60.52	262.6	57.89	252.4	55.34	232.5	50.30
	9	7.9	292.2	60.35	272.1	55.49	252.0	50.73	242.1	48.42	231.8	46.12	211.6	41.61
	11	9.8	271.7	50.58	251.5	46.28	231.1	42.08	220.8	40.02	210.6	37.97	190.0	33.99
	13	11.8	250.4	41.78	229.9	38.02	209.4	34.34	199.1	32.53	188.8	30.76	167.6	27.26
	15	13.7	228.4	34.20	207.8	30.92	186.9	27.70	176.3	26.13	166.0	24.59	144.7	21.54
120	-30	-30.2	142.0	68.36	140.8	68.94	140.0	69.52	139.6	69.80	138.9	70.07	138.1	70.65
	-24.8	-25	165.2	71.97	164.0	72.60	162.9	73.25	162.2	73.56	161.7	73.87	160.6	74.49
	-21.8	-22	179.7	74.07	178.5	74.73	177.0	75.39	176.6	75.73	175.9	76.05	174.7	76.70
	-19.8	-20	189.6	75.46	188.4	76.16	187.3	76.86	186.5	77.21	185.8	77.52	184.6	78.21
	-18.8	-19	195.0	76.16	193.8	76.87	192.3	77.59	191.5	77.94	191.1	78.26	189.6	78.95
	-16.7	-17	205.7	77.60	204.4	78.34	202.9	79.07	202.2	79.42	201.7	79.77	200.2	80.47
	-15	-15.9	212.1	78.42	210.9	79.19	209.4	79.92	208.6	80.28	207.9	80.66	206.7	81.36
	-13.7	-15	218.0	79.17	216.5	79.95	215.3	80.69	214.5	81.08	213.8	81.43	212.5	82.17
	-11.8	-13	229.2	80.55	227.7	81.36	226.1	82.13	225.4	82.49	224.6	82.87	223.0	83.61
	-9.8	-11	241.4	82.05	239.5	82.87	238.0	83.65	237.2	84.03	236.4	84.42	234.9	85.19
	-9.5	-10	247.2	82.75	245.6	83.57	243.7	84.38	242.9	84.77	242.1	85.16	240.6	85.93
	-8.5	-9.1	252.9	83.45	251.3	84.26	249.4	85.08	248.6	85.47	247.8	85.89	246.3	86.66
	-7	-7.6	262.8	84.61	261.2	85.43	259.3	86.28	258.5	86.67	257.7	87.09	251.2	85.56
	-5	-5.6	276.5	86.16	274.5	87.05	272.6	87.90	271.8	88.29	269.4	87.90	251.2	80.75
	-3	-3.7	290.1	87.70	288.2	88.59	286.2	89.45	278.2	86.51	269.4	83.08	251.2	76.38
	0	-0.7	312.2	90.17	305.2	88.71	287.3	82.31	278.2	79.15	269.4	76.05	251.2	70.00
	3	2.2	323.0	87.35	305.2	81.40	287.3	75.58	278.2	72.73	269.4	69.92	251.2	64.41
	5	4.1	305.9	75.45	287.7	70.07	269.8	64.80	260.7	62.24	251.5	59.68	233.3	54.70
	7	6	288.1	64.68	269.8	59.81	251.5	55.07	242.4	52.72	233.0	50.45	214.7	45.93
	9	7.9	269.8	54.87	251.2	50.53	232.6	46.28	223.4	44.21	214.0	42.15	195.3	38.12
	11	9.8	250.8	46.13	232.2	42.28	213.2	38.51	204.0	36.66	194.5	34.84	175.5	31.25
	13	11.8	231.1	38.22	212.4	34.85	193.4	31.53	183.9	29.91	174.1	28.30	154.7	25.16

35. ARUM760LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	210.9	31.39	191.9	28.43	172.5	25.55	163.0	24.14	153.1	22.76	133.4	19.98
110	-30	-30.2	141.2	68.75	140.4	69.33	139.3	69.87	138.9	70.18	138.5	70.45	137.4	70.99
	-24.8	-25	164.4	72.47	163.2	73.10	162.1	73.72	161.4	74.03	160.9	74.33	159.8	74.92
	-21.8	-22	178.5	74.65	177.4	75.31	176.2	75.96	175.5	76.28	175.0	76.59	173.9	77.24
	-19.8	-20	188.5	76.09	187.3	76.78	186.1	77.45	185.4	77.79	184.9	78.14	183.4	78.76
	-18.8	-19	193.8	76.82	192.3	77.52	191.1	78.22	190.3	78.56	189.9	78.88	188.7	79.57
	-16.7	-17	204.4	78.33	202.9	79.04	201.7	79.77	201.0	80.12	200.2	80.46	199.0	81.13
	-15	-15.9	210.6	79.19	209.4	79.93	207.9	80.66	207.1	81.01	206.6	81.36	205.1	82.06
	-13.7	-15	216.5	79.96	215.0	80.73	213.7	81.47	213.0	81.85	212.2	82.20	211.0	82.90
	-11.8	-13	227.3	81.44	225.8	82.21	224.3	82.95	223.5	83.33	223.0	83.69	221.5	84.42
	-9.8	-11	239.5	82.99	237.6	83.80	236.1	84.57	235.3	84.93	234.5	85.31	230.3	84.59
	-9.5	-10	245.2	83.73	243.6	84.54	241.8	85.31	241.0	85.70	240.2	86.09	230.3	82.40
	-8.5	-9.1	250.9	84.46	249.0	85.27	247.5	86.05	246.7	86.47	245.9	86.83	230.3	80.31
	-7	-7.6	260.5	85.69	258.9	86.51	257.0	87.32	255.0	87.12	247.0	83.70	230.3	76.97
	-5	-5.6	273.8	87.36	272.2	88.21	263.3	85.48	255.0	82.22	247.0	79.00	230.3	72.69
	-3	-3.7	287.4	88.98	279.7	87.10	263.3	80.82	255.0	77.77	247.0	74.72	230.3	68.82
	0	-0.7	296.4	85.49	279.7	79.69	263.3	74.03	255.0	71.26	247.0	68.50	230.3	63.14
	3	2.2	296.4	78.47	279.7	73.20	263.3	68.07	255.0	65.55	247.0	63.07	230.3	58.19
	5	4.1	280.4	67.91	263.7	63.14	247.0	58.50	239.0	56.22	230.6	53.95	213.9	49.53
	7	6	264.1	58.32	247.4	54.01	230.6	49.79	222.0	47.76	213.6	45.70	196.8	41.69
	9	7.9	247.4	49.60	230.3	45.74	213.2	42.00	204.8	40.14	196.1	38.31	179.0	34.72
	11	9.8	229.9	41.81	212.8	38.40	195.7	35.03	187.0	33.41	178.2	31.79	160.8	28.56
	13	11.8	211.7	34.77	194.6	31.76	177.1	28.83	168.4	27.38	159.6	25.96	142.1	23.13
	15	13.7	193.1	28.66	175.6	26.04	158.1	23.45	149.3	22.19	140.3	20.93	122.4	18.50
100	-30	-30.2	140.4	69.21	139.6	69.76	138.5	70.33	138.1	70.60	137.7	70.88	136.6	71.42
	-24.8	-25	163.3	73.05	162.1	73.67	161.0	74.29	160.5	74.57	159.8	74.88	159.0	75.46
	-21.8	-22	177.4	75.31	176.2	75.97	175.0	76.59	174.3	76.93	173.9	77.24	172.7	77.86
	-19.8	-20	187.3	76.82	185.8	77.52	184.6	78.18	184.2	78.49	183.4	78.83	182.3	79.46
	-18.8	-19	192.2	77.60	191.1	78.29	189.6	78.96	189.1	79.30	188.4	79.62	187.2	80.27
	-16.7	-17	202.9	79.19	201.4	79.88	200.2	80.58	199.4	80.93	198.7	81.24	197.5	81.90
	-15	-15.9	209.0	80.08	207.5	80.82	206.3	81.51	205.5	81.86	204.8	82.21	203.6	82.87
	-13.7	-15	214.6	80.92	213.4	81.66	212.2	82.40	211.4	82.75	210.7	83.10	209.4	83.75
	-11.8	-13	225.4	82.45	223.8	83.19	222.3	83.92	221.6	84.30	221.1	84.65	209.4	79.66
	-9.8	-11	237.2	84.11	235.6	84.88	234.1	85.62	231.8	85.26	224.5	81.95	209.4	75.42
	-9.5	-10	242.9	84.89	241.0	85.66	239.4	86.35	231.8	83.04	224.5	79.82	209.4	73.49
	-8.5	-9.1	248.2	85.66	246.7	86.44	239.4	84.13	231.8	80.95	224.5	77.80	209.4	71.65
	-7	-7.6	257.7	86.97	254.2	86.81	239.4	80.63	231.8	77.57	224.5	74.59	209.4	68.69
	-5	-5.6	269.4	87.90	254.2	81.93	239.4	76.10	231.8	73.28	224.5	70.44	209.4	64.94
	-3	-3.7	269.4	83.09	254.2	77.49	239.4	72.02	231.8	69.34	224.5	66.69	209.4	61.52
	0	-0.7	269.4	76.05	254.2	70.99	239.4	66.05	231.8	63.61	224.5	61.24	209.4	56.53
	3	2.2	269.4	69.93	254.2	65.32	239.4	60.83	231.8	58.63	224.5	56.43	209.4	52.16
	5	4.1	255.0	60.66	239.8	56.50	224.6	52.42	217.0	50.42	209.4	48.43	194.2	44.53
	7	6	240.1	52.18	224.9	48.42	209.4	44.72	201.8	42.93	194.2	41.11	178.9	37.58
	9	7.9	224.9	44.52	209.4	41.14	193.8	37.81	186.2	36.19	178.3	34.60	162.7	31.43
	11	9.8	209.0	37.63	193.4	34.64	177.8	31.68	169.9	30.25	161.9	28.79	146.3	25.98
	13	11.8	192.6	31.41	177.0	28.76	161.1	26.19	153.1	24.89	145.2	23.63	129.2	21.15
	15	13.7	175.6	26.01	159.6	23.68	143.7	21.43	135.7	20.32	127.7	19.19	111.3	17.02

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	139.6	69.75	138.5	70.30	137.7	70.84	137.3	71.11	136.6	71.38	135.8	71.89
	-24.8	-25	162.1	73.75	160.9	74.37	159.8	74.95	159.4	75.26	158.7	75.54	157.5	76.12
	-21.8	-22	175.8	76.12	174.7	76.74	173.5	77.40	172.8	77.71	172.4	77.98	171.2	78.60
	-19.8	-20	185.4	77.72	184.2	78.37	183.0	79.03	182.6	79.34	181.9	79.65	180.7	80.27
	-18.8	-19	190.7	78.53	189.2	79.22	188.0	79.85	187.2	80.19	186.8	80.50	185.6	81.12
	-16.7	-17	200.9	80.20	199.4	80.89	198.2	81.55	197.5	81.90	196.8	82.21	188.5	78.58
	-15	-15.9	207.0	81.17	205.5	81.86	204.3	82.56	203.6	82.87	201.8	82.68	188.5	76.11
	-13.7	-15	212.6	82.05	211.4	82.78	209.9	83.48	208.6	83.45	201.8	80.17	188.5	73.76
	-11.8	-13	223.0	83.65	221.5	84.38	215.5	82.43	208.6	79.34	201.8	76.26	188.5	70.24
	-9.8	-11	234.5	85.43	228.8	83.94	215.5	78.01	208.6	75.10	201.8	72.21	188.5	66.58
	-9.5	-10	239.8	86.25	228.8	81.76	215.5	76.00	208.6	73.18	201.8	70.37	188.5	64.90
	-8.5	-9.1	242.4	85.41	228.8	79.68	215.5	74.11	208.6	71.33	201.8	68.63	188.5	63.30
	-7	-7.6	242.4	81.86	228.8	76.38	215.5	71.03	208.6	68.41	201.8	65.84	188.5	60.74
	-5	-5.6	242.4	77.25	228.8	72.14	215.5	67.11	208.6	64.66	201.8	62.25	188.5	57.45
	-3	-3.7	242.4	73.10	228.8	68.30	215.5	63.57	208.6	61.25	201.8	58.96	188.5	54.48
	0	-0.7	242.4	67.04	228.8	62.67	215.5	58.41	208.6	56.30	201.8	54.22	188.5	50.14
	3	2.2	242.4	61.73	228.8	57.76	215.5	53.88	208.6	51.96	201.8	50.08	188.5	46.37
	5	4.1	229.5	53.67	215.8	50.07	202.2	46.55	195.3	44.80	188.5	43.08	174.8	39.67
	7	6	216.2	46.28	202.5	43.01	188.5	39.82	181.7	38.23	174.8	36.68	161.1	33.63
	9	7.9	202.2	39.60	188.5	36.68	174.4	33.79	167.6	32.40	160.7	30.97	146.6	28.21
	11	9.8	188.1	33.60	174.0	30.98	160.0	28.44	152.8	27.17	145.9	25.91	131.5	23.46
	13	11.8	173.3	28.18	159.2	25.88	145.1	23.59	137.9	22.48	130.7	21.38	116.2	19.21
	15	13.7	158.1	23.45	143.7	21.43	129.5	19.45	122.0	18.46	114.8	17.48	100.0	15.59
80	-30	-30.2	138.5	70.41	137.4	70.95	136.6	71.49	136.2	71.73	135.8	72.00	134.7	72.51
	-24.8	-25	160.5	74.61	159.4	75.22	158.3	75.80	157.8	76.07	157.1	76.35	156.3	76.92
	-21.8	-22	173.9	77.12	172.8	77.74	171.6	78.33	171.2	78.64	170.5	78.94	167.6	78.25
	-19.8	-20	183.4	78.80	182.3	79.45	181.1	80.07	180.4	80.38	179.3	80.39	167.6	74.15
	-18.8	-19	188.4	79.68	187.2	80.31	186.0	80.96	185.3	81.27	179.4	78.31	167.6	72.21
	-16.7	-17	198.3	81.43	197.1	82.09	191.5	80.06	185.5	77.10	179.4	74.18	167.6	68.42
	-15	-15.9	204.4	82.48	203.2	83.14	191.5	77.55	185.5	74.68	179.4	71.84	167.6	66.26
	-13.7	-15	209.9	83.44	203.3	80.89	191.5	75.16	185.5	72.34	179.4	69.56	167.6	64.13
	-11.8	-13	215.5	82.43	203.3	76.94	191.5	71.56	185.5	68.93	179.4	66.34	167.6	61.16
	-9.8	-11	215.5	78.01	203.3	72.84	191.5	67.84	185.5	65.34	179.4	62.88	167.6	58.08
	-9.5	-10	215.5	76.00	203.3	71.00	191.5	66.12	185.5	63.71	179.4	61.33	167.6	56.68
	-8.5	-9.1	215.5	74.11	203.3	69.23	191.5	64.48	185.5	62.15	179.4	59.82	167.6	55.29
	-7	-7.6	215.5	71.03	203.3	66.39	191.5	61.85	185.5	59.64	179.4	57.43	167.6	53.07
	-5	-5.6	215.5	67.11	203.3	62.77	191.5	58.51	185.5	56.42	179.4	54.34	167.6	50.27
	-3	-3.7	215.5	63.57	203.3	59.47	191.5	55.46	185.5	53.50	179.4	51.57	167.6	47.74
	0	-0.7	215.5	58.41	203.3	54.69	191.5	51.04	185.5	49.28	179.4	47.48	167.6	44.01
	3	2.2	215.5	53.88	203.3	50.48	191.5	47.19	185.5	45.55	179.4	43.92	167.6	40.76
	5	4.1	204.0	46.98	191.9	43.90	179.7	40.87	173.7	39.39	167.6	37.89	155.4	34.98
	7	6	191.9	40.63	179.8	37.84	167.6	35.10	161.5	33.74	155.4	32.40	142.9	29.77
	9	7.9	179.8	34.87	167.6	32.36	155.1	29.90	149.0	28.70	142.8	27.48	130.3	25.10
	11	9.8	167.2	29.71	154.7	27.48	142.1	25.29	136.0	24.19	129.6	23.12	117.0	20.99
	13	11.8	153.9	25.04	141.4	23.06	128.8	21.11	122.4	20.16	116.2	19.21	103.3	17.32
	15	13.7	140.6	20.97	127.7	19.22	115.1	17.52	108.7	16.68	102.2	15.82	88.90	14.17
70	-30	-30.2	137.0	71.26	136.2	71.77	135.1	72.27	134.7	72.54	134.3	72.81	133.5	73.28

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	158.3	75.69	157.5	76.27	156.3	76.81	155.9	77.08	155.5	77.35	146.7	72.54
	-21.8	-22	171.6	78.36	170.5	78.94	167.6	78.25	162.3	75.37	157.0	72.54	146.7	66.99
	-19.8	-20	181.1	80.15	178.2	79.66	167.6	74.15	162.3	71.44	157.0	68.77	146.7	63.52
	-18.8	-19	185.7	81.08	178.2	77.52	167.6	72.21	162.3	69.58	157.0	66.99	146.7	61.87
	-16.7	-17	188.5	78.58	178.2	73.43	167.6	68.42	162.3	65.95	157.0	63.49	146.7	58.69
	-15	-15.9	188.5	76.11	178.2	71.13	167.6	66.26	162.3	63.85	157.0	61.44	146.7	56.74
	-13.7	-15	188.5	73.77	178.2	68.89	167.6	64.13	162.3	61.80	157.0	59.47	146.7	54.94
	-11.8	-13	188.5	70.24	178.2	65.67	167.6	61.16	162.3	58.92	157.0	56.74	146.7	52.42
	-9.8	-11	188.5	66.58	178.2	62.28	167.6	58.08	162.3	55.99	157.0	53.96	146.7	49.91
	-9.5	-10	188.5	64.90	178.2	60.74	167.6	56.68	162.3	54.67	157.0	52.67	146.7	48.78
	-8.5	-9.1	188.5	63.30	178.2	59.27	167.6	55.29	162.3	53.33	157.0	51.40	146.7	47.60
	-7	-7.6	188.5	60.74	178.2	56.88	167.6	53.07	162.3	51.23	157.0	49.38	146.7	45.74
	-5	-5.6	188.5	57.45	178.2	53.83	167.6	50.30	162.3	48.54	157.0	46.81	146.7	43.38
	-3	-3.7	188.5	54.48	178.2	51.07	167.6	47.74	162.3	46.09	157.0	44.46	146.7	41.23
	0	-0.7	188.5	50.14	178.2	47.05	167.6	44.01	162.3	42.52	157.0	41.04	146.7	38.10
	3	2.2	188.5	46.37	178.2	43.53	167.6	40.76	162.3	39.40	157.0	38.04	146.7	35.37
	5	4.1	178.6	40.55	167.9	37.96	157.3	35.41	152.0	34.17	146.7	32.93	136.0	30.47
	7	6	168.0	35.18	157.3	32.85	146.7	30.54	141.4	29.39	136.0	28.28	125.1	26.05
	9	7.9	157.3	30.35	146.7	28.24	135.7	26.17	130.3	25.14	125.0	24.11	114.0	22.12
	11	9.8	146.3	25.99	135.3	24.11	124.6	22.24	118.9	21.33	113.6	20.42	102.2	18.60
	13	11.8	134.9	22.02	123.9	20.35	112.8	18.72	107.2	17.89	101.5	17.09	90.40	15.50
	15	13.7	123.1	18.57	111.7	17.10	100.7	15.63	95.00	14.92	89.30	14.23	77.90	12.82
60	-30	-30.2	135.0	72.34	134.3	72.84	133.5	73.32	132.8	73.58	132.4	73.81	125.8	69.77
	-24.8	-25	155.9	77.08	152.7	75.98	143.6	70.82	139.1	68.30	134.5	65.79	125.8	60.82
	-21.8	-22	161.5	74.97	152.7	70.14	143.6	65.43	139.1	63.09	134.5	60.78	125.8	56.23
	-19.8	-20	161.5	71.08	152.7	66.54	143.6	62.05	139.1	59.87	134.5	57.69	125.8	53.38
	-18.8	-19	161.5	69.22	152.7	64.77	143.6	60.44	139.1	58.30	134.5	56.20	125.8	52.02
	-16.7	-17	161.5	65.59	152.7	61.43	143.6	57.32	139.1	55.30	134.5	53.33	125.8	49.39
	-15	-15.9	161.5	63.49	152.7	59.42	143.6	55.43	139.1	53.46	134.5	51.53	125.8	47.69
	-13.7	-15	161.5	61.48	152.7	57.53	143.6	53.67	139.1	51.78	134.5	49.90	125.8	46.21
	-11.8	-13	161.5	58.60	152.7	54.86	143.6	51.20	139.1	49.40	134.5	47.63	125.8	44.11
	-9.8	-11	161.5	55.70	152.7	52.23	143.6	48.74	139.1	47.02	134.5	45.34	125.8	42.02
	-9.5	-10	161.5	54.36	152.7	50.98	143.6	47.68	139.1	46.04	134.5	44.40	125.8	41.23
	-8.5	-9.1	161.5	53.05	152.7	49.76	143.6	46.54	139.1	44.94	134.5	43.37	125.8	40.25
	-7	-7.6	161.5	50.95	152.7	47.82	143.6	44.73	139.1	43.20	134.5	41.72	125.8	38.72
	-5	-5.6	161.5	48.27	152.7	45.33	143.6	42.44	139.1	41.00	134.5	39.60	125.8	36.80
	-3	-3.7	161.5	45.86	152.7	43.06	143.6	40.33	139.1	39.00	134.5	37.65	125.8	35.01
	0	-0.7	161.5	42.30	152.7	39.77	143.6	37.28	139.1	36.04	134.5	34.84	125.8	32.44
	3	2.2	161.5	39.21	152.7	36.88	143.6	34.60	139.1	33.48	134.5	32.39	125.8	30.20
	5	4.1	152.8	34.40	144.0	32.28	134.9	30.19	130.3	29.16	125.8	28.16	116.7	26.13
	7	6	144.0	29.97	134.9	28.05	125.8	26.17	121.2	25.25	116.6	24.33	107.2	22.50
	9	7.9	134.9	25.98	125.7	24.26	116.3	22.54	111.7	21.71	107.1	20.87	97.70	19.23
	11	9.8	125.4	22.40	115.9	20.84	106.8	19.32	101.9	18.56	97.30	17.80	87.80	16.33
	13	11.8	115.5	19.13	106.0	17.74	96.50	16.38	91.90	15.70	87.00	15.05	77.50	13.71
	15	13.7	105.3	16.27	95.80	15.03	86.30	13.83	81.30	13.26	76.40	12.66	66.90	11.51
50	-30	-30.2	132.4	73.78	127.3	70.73	119.7	66.00	115.9	63.68	112.1	61.37	104.8	56.83
	-24.8	-25	134.5	65.79	127.3	61.65	119.7	57.59	115.9	55.58	112.1	53.59	104.8	49.68

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	134.5	60.78	127.3	56.98	119.7	53.26	115.9	51.44	112.1	49.62	104.8	46.04
	-19.8	-20	134.5	57.69	127.3	54.09	119.7	50.58	115.9	48.85	112.1	47.15	104.8	43.74
	-18.8	-19	134.5	56.20	127.3	52.73	119.7	49.30	115.9	47.61	112.1	45.95	104.8	42.66
	-16.7	-17	134.5	53.33	127.3	50.05	119.7	46.83	115.9	45.22	112.1	43.66	104.8	40.56
	-15	-15.9	134.5	51.53	127.3	48.32	119.7	45.21	115.9	43.65	112.1	42.12	104.8	39.12
	-13.7	-15	134.5	49.90	127.3	46.80	119.7	43.79	115.9	42.30	112.1	40.82	104.8	37.90
	-11.8	-13	134.5	47.63	127.3	44.70	119.7	41.81	115.9	40.40	112.1	39.00	104.8	36.24
	-9.8	-11	134.5	45.34	127.3	42.56	119.7	39.84	115.9	38.51	112.1	37.16	104.8	34.56
	-9.5	-10	134.5	44.40	127.3	41.74	119.7	39.13	115.9	37.84	112.1	36.56	104.8	34.03
	-8.5	-9.1	134.5	43.37	127.3	40.79	119.7	38.23	115.9	36.98	112.1	35.74	104.8	33.26
	-7	-7.6	134.5	41.72	127.3	39.23	119.7	36.78	115.9	35.58	112.1	34.41	104.8	32.05
	-5	-5.6	134.5	39.60	127.3	37.26	119.7	34.95	115.9	33.82	112.1	32.70	104.8	30.49
	-3	-3.7	134.5	37.65	127.3	35.47	119.7	33.30	115.9	32.22	112.1	31.18	104.8	29.10
	0	-0.7	134.5	34.84	127.3	32.83	119.7	30.86	115.9	29.90	112.1	28.94	104.8	27.02
	3	2.2	134.5	32.39	127.3	30.55	119.7	28.74	115.9	27.85	112.1	26.97	104.8	25.24
	5	4.1	127.3	28.54	120.0	26.85	112.5	25.21	108.7	24.40	104.9	23.57	97.30	21.97
	7	6	120.1	25.02	112.5	23.49	104.9	22.00	101.1	21.24	97.20	20.52	89.30	19.04
	9	7.9	112.5	21.82	104.8	20.45	96.90	19.09	93.10	18.44	89.30	17.76	81.30	16.44
	11	9.8	104.5	18.97	96.90	17.72	88.90	16.48	85.10	15.88	81.00	15.28	73.00	14.11
	13	11.8	96.20	16.34	88.50	15.24	80.60	14.15	76.40	13.60	72.60	13.07	64.60	12.02
	15	13.7	87.80	14.05	79.80	13.07	71.80	12.10	68.00	11.62	63.80	11.14	55.50	10.20

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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35.5 Capacity Correction Factor

35.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0
-60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-50	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-40	-	-	-	-	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-30	-	-	-	96.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-20	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0	79.0
-10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
-7.5	99.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
0	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
20	-	-	98.0	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
30	-	-	-	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	80.0
40	-	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
50	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
60	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0
110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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35.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

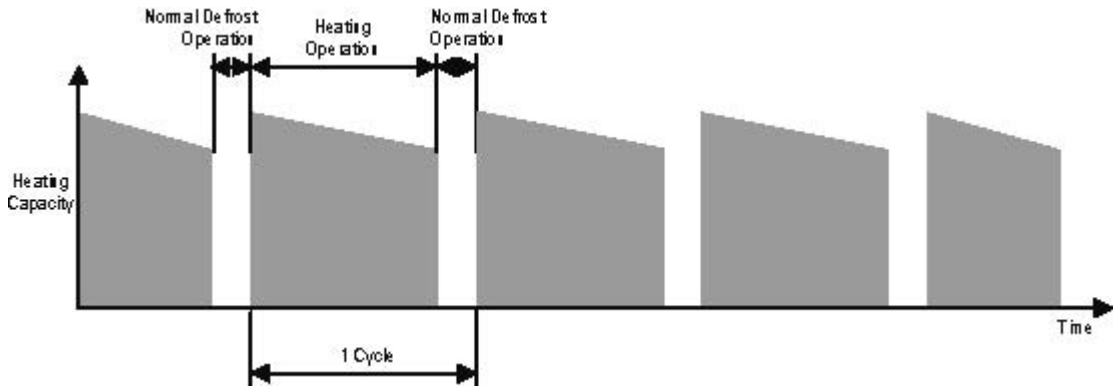
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

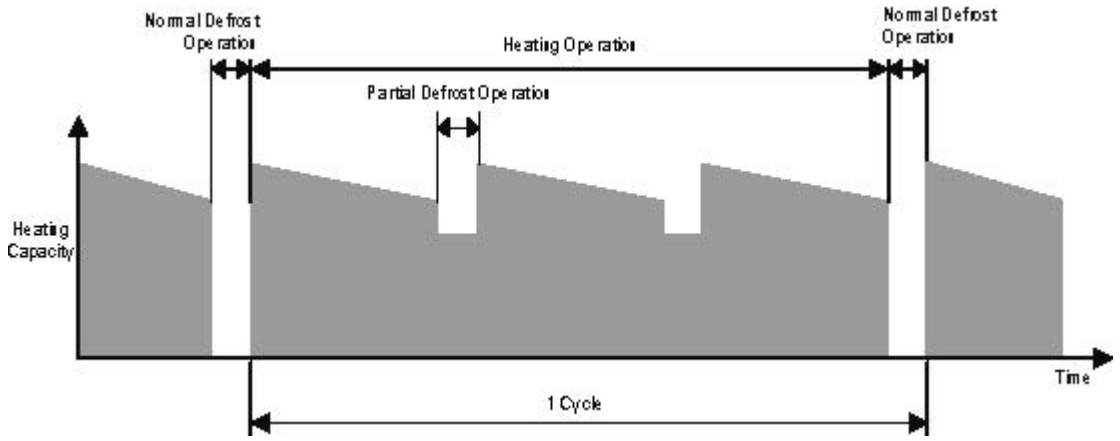
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

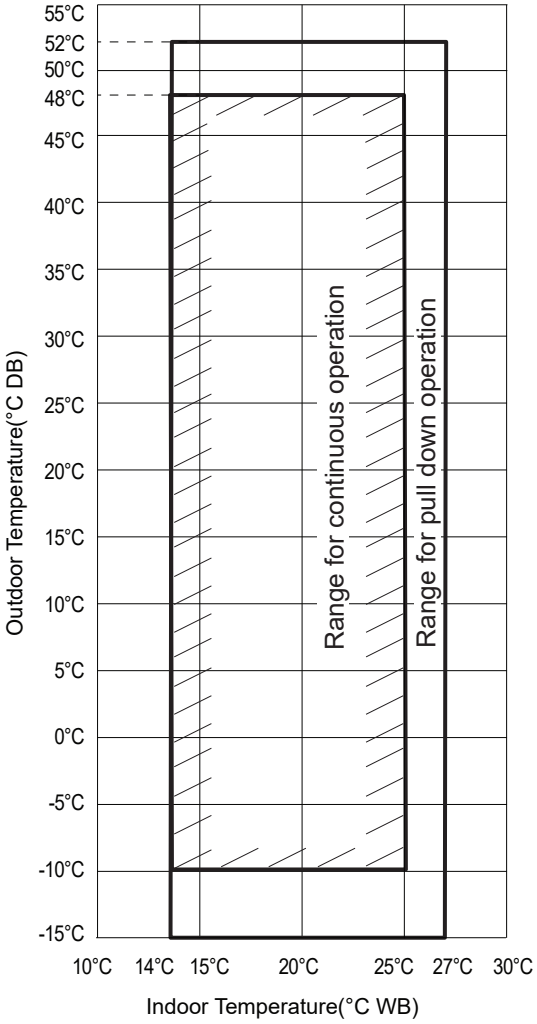


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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35.6 Operation Limits

35.6.1 Cooling

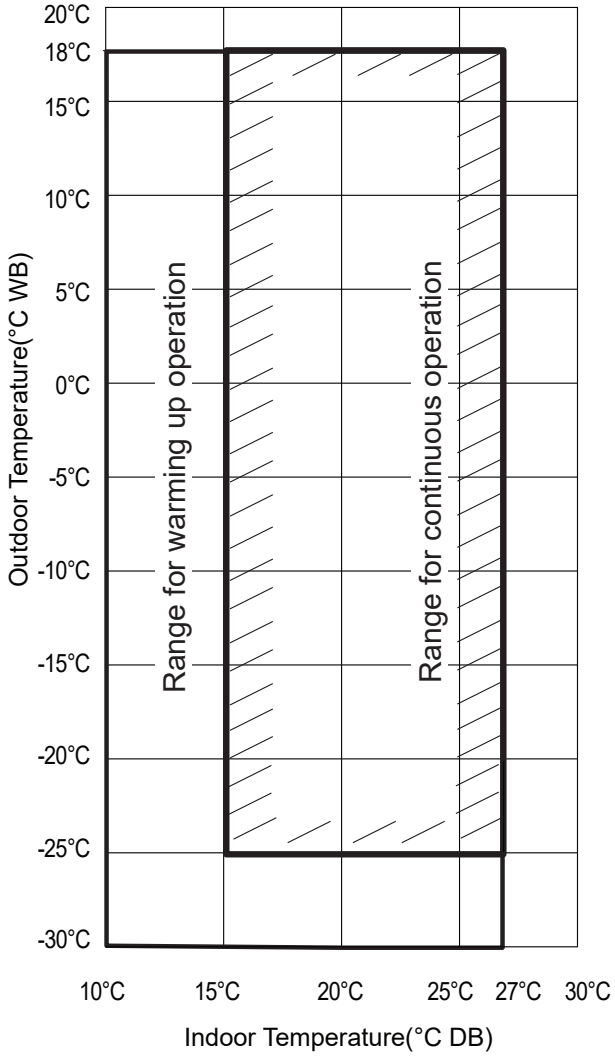


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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35.6.2 Heating

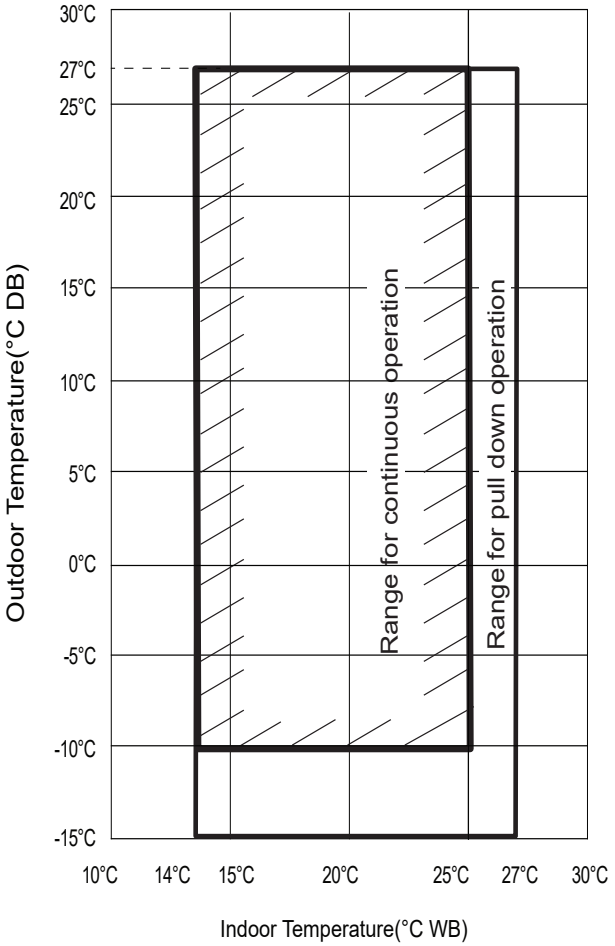


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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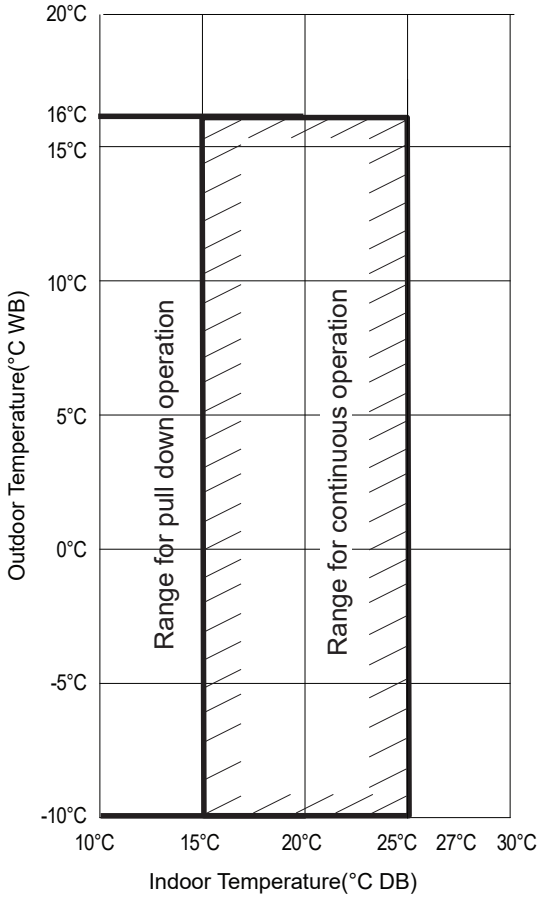
35.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

35.6.4 Simultaneous Operation (Heating)



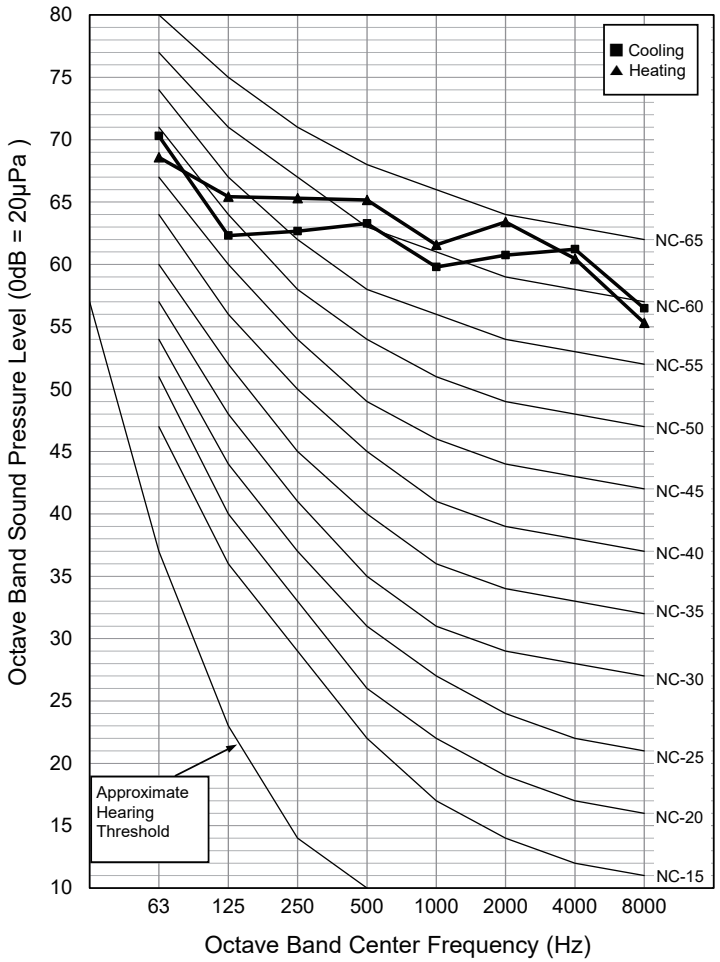
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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35.7 Sound Levels

35.7.1 Pressure Levels



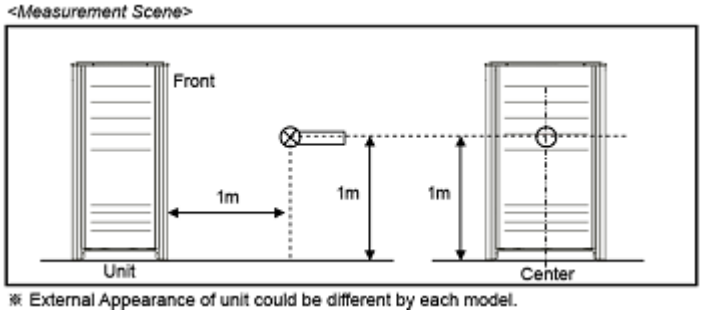
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	70.3	62.3	62.7	63.3	59.8	60.7	61.2	56.5
Heating[dB]	68.6	65.4	65.3	65.2	61.6	63.4	60.5	55.3

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	67.7 / 69.1

Note

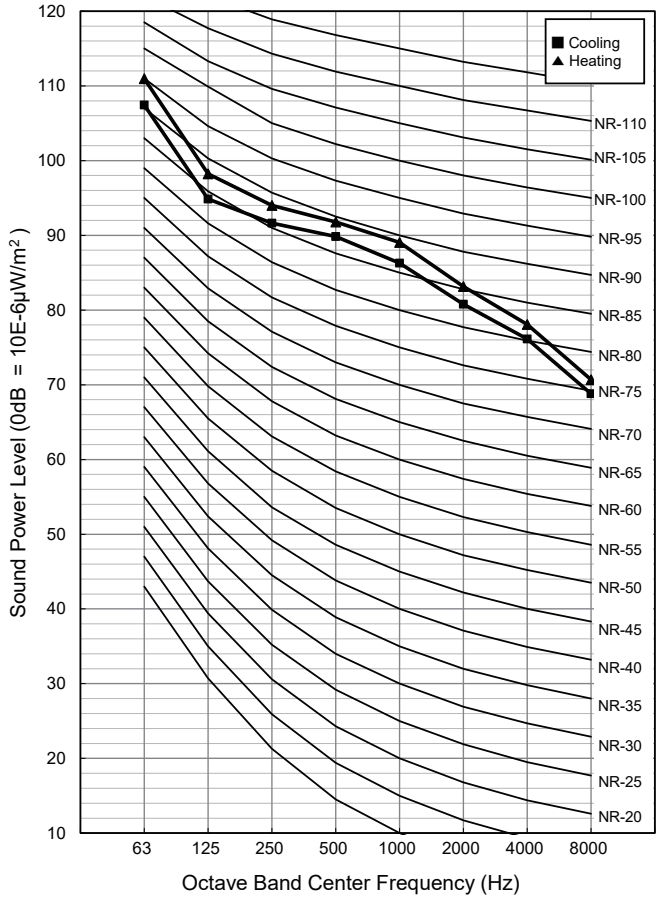
- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

<Measurement Scene>



※ External Appearance of unit could be different by each model.

35.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.4	94.9	91.6	89.8	86.3	80.8	76.1	68.8
Heating[dB]	111.0	98.2	94.0	91.8	89.1	83.2	78.1	70.7

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.8 / 94.3

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

36. ARUM780LTE6

36.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM180LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	109.47 - 104 - 100.24
	Running Current by Voltage (Heating,Rated)	A	79.25 - 75.29 - 72.57
Cooling Capacity	Rated	kW	218.4
		Btu/h	745,200
Heating Capacity	Rated	kW	218.4
		Btu/h	745,200
	Max	kW	245.7
		Btu/h	838,400
Power Input(Cooling)	Rated	kW	67.01
Power Input(Heating)	Rated	kW	48.51
Efficiency	EER(Rated)	W/W	3.26
	COP(Rated)	W/W	4.50
	SEER	Wh/Wh	8.47
	SCOP	Wh/Wh	5.05
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8
	Motor Output	W x No.	5,300 x 8
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 4
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 4
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

36. ARUM780LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	64.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	133.600
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	67.8 / 69.2
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.8 / 94.4
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	187.3
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	206.0
	Comp_Maximum Starting Current (MSC)	A	47.2
	Comp_Rated Load Amperes (Cooling)	A	99.5
	Comp_Rated Load Amperes (Heating)	A	69.3
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

36. ARUM780LTE6

36.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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36.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

36. ARUM780LTE6

36.4 Capacity Tables

36.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	170.5	17.04	215.3	23.41	263.6	33.72	283.9	39.33	306.6	46.69	326.0	52.97	341.3	57.90
	12	170.5	18.59	215.3	25.84	263.6	37.21	283.9	43.33	306.6	51.26	326.0	57.61	341.3	62.70
	14	170.5	20.34	215.3	28.49	263.6	41.05	283.9	47.70	306.6	56.15	326.0	62.69	341.3	67.86
	16	170.5	22.27	215.3	31.45	263.6	45.27	283.9	52.49	306.6	61.30	326.0	68.14	341.3	73.45
	18	170.5	24.43	215.3	34.72	263.6	49.87	283.9	57.73	306.6	66.86	326.0	73.60	341.3	78.09
	20	170.5	26.83	215.3	38.26	263.6	54.92	283.9	63.29	306.6	71.39	326.0	77.38	341.3	81.71
	21	170.5	28.12	215.3	40.19	263.6	57.50	283.9	65.39	306.6	73.27	326.0	79.26	341.3	83.60
	23	170.5	30.93	215.3	44.27	263.6	61.37	283.9	69.51	306.6	77.23	326.0	83.24	341.3	87.66
	25	170.5	33.98	215.3	47.67	263.6	65.30	283.9	73.73	306.6	81.48	326.0	87.55	341.3	92.09
	27	170.5	36.76	215.3	50.80	263.6	69.57	283.9	77.95	306.6	85.98	326.0	92.23	341.3	97.00
	29	170.5	39.21	215.3	54.16	263.6	74.14	283.9	82.50	306.6	90.76	326.0	97.36	341.3	102.4
	31	170.5	41.81	215.3	57.75	263.6	79.14	283.9	87.41	306.6	95.99	326.0	103.1	341.3	108.6
	33	170.5	44.60	215.3	61.60	263.6	84.35	283.9	92.74	306.6	101.8	323.3	108.4	324.5	108.9
	35	170.5	47.55	215.3	65.72	263.6	89.55	283.9	98.47	302.7	106.5	303.0	106.7	302.9	106.6
	37	170.5	50.73	215.3	70.18	263.6	95.22	281.5	103.7	282.2	103.9	281.9	103.9	281.9	103.9
	39	170.5	54.10	215.3	74.97	261.5	100.5	261.3	100.5	261.3	100.5	261.3	100.5	261.3	100.5
	41	170.5	57.70	215.3	80.20	241.7	96.54	241.5	96.57	241.5	96.48	241.1	96.35	241.5	96.55
	43	170.5	61.59	215.3	85.95	222.4	90.51	222.1	90.50	222.1	90.42	222.1	90.47	221.8	90.35
	46	170.5	67.94	195.2	82.08	194.9	82.04	194.8	82.08	194.9	82.00	194.5	81.89	194.8	82.04
	48	170.5	72.62	177.9	76.93	177.6	76.89	177.6	76.85	177.9	77.00	177.5	76.96	177.6	76.92
	50	162.1	72.51	161.7	72.42	161.4	72.29	161.4	72.37	161.3	72.26	161.1	72.21	161.1	72.24
	52	143.7	64.32	145.1	61.80	146.0	59.31	146.1	58.80	146.0	58.20	146.0	57.70	146.1	57.38
120	10	157.5	15.66	198.9	20.73	243.3	28.88	262.1	33.31	283.1	39.11	301.1	44.76	315.1	49.55
	12	157.5	16.99	198.9	22.81	243.3	31.92	262.1	36.80	283.1	43.10	301.1	49.21	315.1	54.04
	14	157.5	18.50	198.9	25.13	243.3	35.26	262.1	40.60	283.1	47.44	301.1	54.04	315.1	58.93
	16	157.5	20.17	198.9	27.67	243.3	38.91	262.1	44.75	283.1	52.19	301.1	59.33	315.1	64.22
	18	157.5	22.06	198.9	30.51	243.3	42.93	262.1	49.31	283.1	57.43	301.1	64.81	315.1	69.96
	20	157.5	24.15	198.9	33.63	243.3	47.31	262.1	54.32	283.1	62.98	301.1	69.58	315.1	74.02
	21	157.5	25.26	198.9	35.30	243.3	49.66	262.1	56.92	283.1	65.09	301.1	71.45	315.1	75.95
	23	157.5	27.73	198.9	38.88	243.3	53.90	262.1	60.76	283.1	69.20	301.1	75.38	315.1	79.97
	25	157.5	30.43	198.9	42.45	243.3	57.41	262.1	64.69	283.1	73.48	301.1	79.57	315.1	84.17
	27	157.5	33.23	198.9	45.27	243.3	61.16	262.1	68.89	283.1	77.70	301.1	84.05	315.1	88.70
	29	157.5	35.42	198.9	48.26	243.3	65.20	262.1	73.42	283.1	82.21	301.1	88.83	315.1	93.63
	31	157.5	37.75	198.9	51.47	243.3	69.54	262.1	78.36	283.1	87.09	301.1	93.94	315.1	99.04
	33	157.5	40.24	198.9	54.87	243.3	74.21	262.1	83.71	283.1	92.41	301.1	99.53	315.1	105.1
	35	157.5	42.92	198.9	58.54	243.3	79.30	262.1	88.85	283.1	98.16	301.1	105.8	303.3	106.8
	37	157.5	45.79	198.9	62.47	243.3	84.86	262.1	94.48	281.6	103.7	282.2	103.9	281.9	103.9
	39	157.5	48.83	198.9	66.67	243.3	91.04	261.2	100.3	261.7	100.6	261.3	100.5	261.3	100.5
	41	157.5	52.08	198.9	71.20	241.8	96.56	241.5	96.50	241.4	96.42	241.2	96.43	241.2	96.43
	43	157.5	55.57	198.9	76.14	222.5	90.60	222.5	90.53	222.1	90.42	222.1	90.42	222.1	90.52
	46	157.5	61.27	195.2	82.18	194.9	81.97	194.9	81.97	194.8	82.01	194.8	81.98	194.8	81.94
	48	157.5	65.41	177.9	76.90	177.9	76.97	177.9	77.04	177.5	76.93	177.5	76.90	177.5	76.79
	50	157.5	69.88	161.8	72.37	161.4	72.37	161.4	72.38	161.4	72.39	161.2	72.26	161.4	72.22
	52	143.4	65.30	144.6	62.85	146.0	60.34	146.0	59.86	146.1	59.30	146.1	58.86	146.0	58.59
110	10	144.3	14.50	182.2	18.46	223.1	24.79	240.2	28.21	259.4	32.68	275.8	37.03	288.6	40.82
	12	144.3	15.60	182.2	20.20	223.1	27.37	240.2	31.17	259.4	36.09	275.8	40.86	288.6	44.96
	14	144.3	16.88	182.2	22.17	223.1	30.21	240.2	34.44	259.4	39.82	275.8	45.01	288.6	49.45

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	144.3	18.29	182.2	24.37	223.1	33.36	240.2	38.01	259.4	43.92	275.8	49.57	288.6	54.39
	18	144.3	19.92	182.2	26.80	223.1	36.82	240.2	41.92	259.4	48.41	275.8	54.55	288.6	59.79
	20	144.3	21.71	182.2	29.46	223.1	40.58	240.2	46.22	259.4	53.31	275.8	60.02	288.6	65.27
	21	144.3	22.69	182.2	30.90	223.1	42.60	240.2	48.53	259.4	55.94	275.8	62.26	288.6	67.41
	23	144.3	24.82	182.2	34.02	223.1	46.97	240.2	52.81	259.4	59.82	275.8	66.23	288.6	71.38
	25	144.3	27.18	182.2	37.45	223.1	50.20	240.2	56.28	259.4	63.68	275.8	70.50	288.6	75.41
	27	144.3	29.78	182.2	40.13	223.1	53.52	240.2	59.95	259.4	67.80	275.8	75.07	288.6	79.73
	29	144.3	31.89	182.2	42.80	223.1	57.04	240.2	63.88	259.4	72.29	275.8	79.57	288.6	84.34
	31	144.3	33.96	182.2	45.64	223.1	60.82	240.2	68.14	259.4	77.11	275.8	84.30	288.6	89.38
	33	144.3	36.21	182.2	48.66	223.1	64.86	240.2	72.71	259.4	82.42	275.8	89.43	288.6	94.77
	35	144.3	38.59	182.2	51.91	223.1	69.24	240.2	77.68	259.4	87.78	275.8	95.02	288.6	100.5
	37	144.3	41.16	182.2	55.36	223.1	73.95	240.2	83.10	259.4	93.29	275.8	101.1	282.0	103.9
	39	144.3	43.92	182.2	59.06	223.1	79.07	240.2	89.09	259.4	99.35	261.3	100.5	261.6	100.5
	41	144.3	46.84	182.2	63.03	223.1	84.71	240.2	95.72	241.8	96.56	241.4	96.51	241.4	96.51
	43	144.3	49.99	182.2	67.31	222.5	90.45	222.5	90.63	222.5	90.55	222.1	90.44	222.1	90.43
	46	144.3	55.09	182.2	74.35	194.9	82.06	194.9	82.03	194.8	82.07	194.8	82.07	194.5	81.90
	48	144.3	58.77	178.0	77.03	177.9	77.06	177.8	77.01	177.9	76.99	177.6	76.99	177.6	76.95
	50	144.3	62.72	161.8	72.49	161.4	72.33	161.4	72.37	161.4	72.28	161.3	72.23	161.4	72.33
	52	142.8	65.86	143.7	64.08	145.5	61.58	145.7	61.08	146.1	60.60	145.5	60.17	146.0	59.52
100	10	131.1	13.46	165.7	16.52	202.8	21.33	218.4	23.93	235.9	27.29	250.8	30.60	262.5	33.46
	12	131.1	14.40	165.7	17.99	202.8	23.49	218.4	26.40	235.9	30.17	250.8	33.82	262.5	36.95
	14	131.1	15.46	165.7	19.62	202.8	25.88	218.4	29.16	235.9	33.32	250.8	37.32	262.5	40.75
	16	131.1	16.67	165.7	21.45	202.8	28.53	218.4	32.17	235.9	36.81	250.8	41.19	262.5	44.93
	18	131.1	18.00	165.7	23.50	202.8	31.45	218.4	35.51	235.9	40.61	250.8	45.41	262.5	49.53
	20	131.1	19.55	165.7	25.81	202.8	34.68	218.4	39.16	235.9	44.76	250.8	50.05	262.5	54.51
	21	131.1	20.36	165.7	27.02	202.8	36.40	218.4	41.10	235.9	47.00	250.8	52.52	262.5	57.15
	23	131.1	22.18	165.7	29.69	202.8	40.12	218.4	45.31	235.9	51.33	250.8	56.61	262.5	60.96
	25	131.1	24.23	165.7	32.62	202.8	43.66	218.4	48.65	235.9	54.70	250.8	60.28	262.5	64.89
	27	131.1	26.49	165.7	35.43	202.8	46.53	218.4	51.86	235.9	58.29	250.8	64.21	262.5	69.12
	29	131.1	28.59	165.7	37.76	202.8	49.62	218.4	55.26	235.9	62.14	250.8	68.44	262.5	73.68
	31	131.1	30.43	165.7	40.25	202.8	52.91	218.4	58.93	235.9	66.25	250.8	73.00	262.5	78.62
	33	131.1	32.42	165.7	42.93	202.8	56.42	218.4	62.85	235.9	70.67	250.8	77.94	262.5	83.95
	35	131.1	34.56	165.7	45.80	202.8	60.17	218.4	67.08	235.9	75.50	250.8	83.36	262.5	89.10
	37	131.1	36.83	165.7	48.83	202.8	64.21	218.4	71.61	235.9	80.73	250.8	89.32	262.5	94.73
	39	131.1	39.29	165.7	52.09	202.8	68.56	218.4	76.55	235.9	86.47	250.8	95.04	261.3	100.4
	41	131.1	41.94	165.7	55.57	202.8	73.24	218.4	81.93	235.9	92.84	241.5	96.51	241.8	96.58
	43	131.1	44.74	165.7	59.29	202.8	78.36	218.4	87.86	222.1	90.44	222.5	90.61	222.5	90.61
	46	131.1	49.32	165.7	65.40	194.9	82.06	195.2	82.07	195.2	82.09	195.2	82.12	194.9	81.98
	48	131.1	52.62	165.7	69.83	178.2	77.10	177.9	77.07	177.9	76.99	177.9	77.00	177.9	77.03
	50	131.1	56.16	161.8	72.36	161.7	72.36	161.7	72.36	161.4	72.28	161.4	72.29	161.4	72.29
	52	131.1	59.92	143.4	64.75	144.3	63.00	144.9	62.23	145.5	61.48	146.1	60.73	146.1	60.12
90	10	118.2	12.60	149.0	14.91	182.5	18.46	196.5	20.40	212.2	22.89	225.8	25.28	236.3	27.39
	12	118.2	13.35	149.0	16.09	182.5	20.24	196.5	22.44	212.2	25.24	225.8	27.93	236.3	30.28
	14	118.2	14.22	149.0	17.45	182.5	22.21	196.5	24.68	212.2	27.85	225.8	30.85	236.3	33.43
	16	118.2	15.21	149.0	18.96	182.5	24.40	196.5	27.18	212.2	30.71	225.8	34.07	236.3	36.92
	18	118.2	16.34	149.0	20.67	182.5	26.83	196.5	29.95	212.2	33.89	225.8	37.57	236.3	40.72
	20	118.2	17.60	149.0	22.57	182.5	29.53	196.5	33.00	212.2	37.36	225.8	41.45	236.3	44.90
	21	118.2	18.32	149.0	23.60	182.5	30.98	196.5	34.66	212.2	39.22	225.8	43.54	236.3	47.14
	23	118.2	19.84	149.0	25.84	182.5	34.09	196.5	38.17	212.2	43.24	225.8	47.89	236.3	51.46
	25	118.2	21.56	149.0	28.32	182.5	37.52	196.5	41.75	212.2	46.65	225.8	51.14	236.3	54.85
	27	118.2	23.50	149.0	31.06	182.5	40.20	196.5	44.52	212.2	49.74	225.8	54.51	236.3	58.44

36. ARUM780LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	118.2	25.55	149.0	33.14	182.5	42.88	196.5	47.46	212.2	53.03	225.8	58.10	236.3	62.29
	31	118.2	27.16	149.0	35.32	182.5	45.71	196.5	50.63	212.2	56.54	225.8	61.95	236.3	66.44
	33	118.2	28.89	149.0	37.65	182.5	48.74	196.5	54.00	212.2	60.32	225.8	66.07	236.3	70.89
	35	118.2	30.76	149.0	40.15	182.5	51.99	196.5	57.59	212.2	64.33	225.8	70.52	236.3	75.69
	37	118.2	32.80	149.0	42.80	182.5	55.46	196.5	61.41	212.2	68.67	225.8	75.35	236.3	80.95
	39	118.2	34.99	149.0	45.67	182.5	59.17	196.5	65.57	212.2	73.35	225.8	80.61	236.3	86.73
	41	118.2	37.33	149.0	48.70	182.5	63.14	196.5	70.02	212.2	78.47	225.8	86.36	236.3	93.13
	43	118.2	39.84	149.0	51.96	182.5	67.42	196.5	74.82	212.2	84.04	222.5	90.53	222.4	90.54
	46	118.2	43.92	149.0	57.26	182.5	74.47	195.2	82.17	195.2	82.09	194.9	82.06	195.2	82.13
	48	118.2	46.88	149.0	61.13	178.3	77.12	177.9	77.05	177.9	77.01	177.9	76.98	177.9	77.01
	50	118.2	50.04	149.0	65.26	161.8	72.49	161.8	72.49	161.7	72.41	161.7	72.41	161.7	72.39
	52	118.2	53.42	142.9	65.59	144.0	63.73	144.6	62.98	145.2	62.16	145.5	61.41	146.1	60.84
80	10	104.9	11.36	132.6	13.57	162.2	16.15	174.7	17.53	188.7	19.28	200.5	21.00	210.2	22.49
	12	104.9	12.48	132.6	14.51	162.2	17.55	174.7	19.15	188.7	21.17	200.5	23.12	210.2	24.80
	14	104.9	13.16	132.6	15.58	162.2	19.14	174.7	20.97	188.7	23.26	200.5	25.47	210.2	27.37
	16	104.9	13.96	132.6	16.82	162.2	20.91	174.7	22.98	188.7	25.61	200.5	28.08	210.2	30.18
	18	104.9	14.87	132.6	18.19	162.2	22.89	174.7	25.22	188.7	28.19	200.5	30.96	210.2	33.29
	20	104.9	15.90	132.6	19.75	162.2	25.06	174.7	27.73	188.7	31.04	200.5	34.12	210.2	36.71
	21	104.9	16.47	132.6	20.58	162.2	26.27	174.7	29.06	188.7	32.56	200.5	35.80	210.2	38.54
	23	104.9	17.76	132.6	22.44	162.2	28.82	174.7	31.98	188.7	35.87	200.5	39.45	210.2	42.46
	25	104.9	19.17	132.6	24.50	162.2	31.68	174.7	35.18	188.7	39.39	200.5	43.02	210.2	45.93
	27	104.9	20.81	132.6	26.79	162.2	34.48	174.7	37.93	188.7	42.10	200.5	45.88	210.2	48.98
	29	104.9	22.64	132.6	28.90	162.2	36.74	174.7	40.45	188.7	44.89	200.5	48.90	210.2	52.23
	31	104.9	24.12	132.6	30.77	162.2	39.19	174.7	43.13	188.7	47.87	200.5	52.15	210.2	55.67
	33	104.9	25.62	132.6	32.79	162.2	41.79	174.7	46.00	188.7	51.04	200.5	55.62	210.2	59.37
	35	104.9	27.26	132.6	34.94	162.2	44.55	174.7	49.03	188.7	54.44	200.5	59.30	210.2	63.34
	37	104.9	29.03	132.6	37.25	162.2	47.54	174.7	52.32	188.7	58.05	200.5	63.27	210.2	67.61
	39	104.9	30.96	132.6	39.74	162.2	50.68	174.7	55.80	188.7	61.94	200.5	67.57	210.2	72.21
	41	104.9	33.03	132.6	42.40	162.2	54.09	174.7	59.55	188.7	66.13	200.5	72.18	210.2	77.19
	43	104.9	35.26	132.6	45.24	162.2	57.69	174.7	63.53	188.7	70.63	200.5	77.16	210.2	82.65
	46	104.9	38.89	132.6	49.88	162.2	63.62	174.7	70.13	188.7	78.12	194.9	81.99	194.9	82.03
	48	104.9	41.55	132.6	53.23	162.2	67.94	174.7	74.97	177.9	76.99	177.9	76.96	177.9	76.93
	50	104.9	44.37	132.6	56.80	161.8	72.37	161.8	72.44	161.7	72.40	161.7	72.34	161.4	72.34
	52	104.9	47.37	132.6	60.61	143.4	64.70	144.0	63.92	144.6	63.10	144.9	62.32	145.5	61.75
70	10	92.00	9.34	115.9	12.48	141.9	14.28	152.9	15.25	165.0	16.45	175.5	17.64	183.7	18.64
	12	92.00	11.63	115.9	13.20	141.9	15.37	152.9	16.50	165.0	17.92	175.5	19.27	183.7	20.43
	14	92.00	12.17	115.9	14.03	141.9	16.59	152.9	17.90	165.0	19.55	175.5	21.09	183.7	22.43
	16	92.00	12.82	115.9	14.98	141.9	17.99	152.9	19.49	165.0	21.37	175.5	23.13	183.7	24.63
	18	92.00	13.55	115.9	16.08	141.9	19.54	152.9	21.27	165.0	23.42	175.5	25.41	183.7	27.10
	20	92.00	14.39	115.9	17.33	141.9	21.29	152.9	23.25	165.0	25.66	175.5	27.92	183.7	29.83
	21	92.00	14.85	115.9	18.01	141.9	22.24	152.9	24.32	165.0	26.91	175.5	29.29	183.7	31.28
	23	92.00	15.88	115.9	19.50	141.9	24.30	152.9	26.67	165.0	29.54	175.5	32.21	183.7	34.44
	25	92.00	17.04	115.9	21.17	141.9	26.61	152.9	29.23	165.0	32.47	175.5	35.45	183.7	37.90
	27	92.00	18.38	115.9	23.04	141.9	29.14	152.9	32.00	165.0	35.28	175.5	38.20	183.7	40.59
	29	92.00	19.91	115.9	25.08	141.9	31.25	152.9	34.13	165.0	37.58	175.5	40.72	183.7	43.29
	31	92.00	21.35	115.9	26.63	141.9	33.28	152.9	36.38	165.0	40.10	175.5	43.43	183.7	46.16
	33	92.00	22.62	115.9	28.35	141.9	35.46	152.9	38.79	165.0	42.74	175.5	46.31	183.7	49.23
	35	92.00	24.03	115.9	30.19	141.9	37.83	152.9	41.36	165.0	45.58	175.5	49.37	183.7	52.51
	37	92.00	25.57	115.9	32.16	141.9	40.33	152.9	44.12	165.0	48.64	175.5	52.66	183.7	56.00
	39	92.00	27.22	115.9	34.31	141.9	43.05	152.9	47.07	165.0	51.86	175.5	56.18	183.7	59.74
	41	92.00	29.03	115.9	36.61	141.9	45.89	152.9	50.22	165.0	55.34	175.5	59.97	183.7	63.75

36. ARUM780LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	92.00	31.00	115.9	39.07	141.9	48.97	152.9	53.56	165.0	59.02	175.5	63.98	183.7	68.07
	46	92.00	34.20	115.9	43.08	141.9	53.99	152.9	59.04	165.0	65.10	175.5	70.62	183.7	75.22
	48	92.00	36.55	115.9	46.00	141.9	57.60	152.9	63.02	165.0	69.53	175.5	75.53	178.2	77.07
	50	92.00	39.07	115.9	49.09	141.9	61.47	152.9	67.27	161.8	72.44	161.8	72.33	161.7	72.42
	52	92.00	41.73	115.9	52.40	141.9	65.61	143.2	65.20	143.7	64.32	144.3	63.53	144.6	62.95
60	10	78.80	7.35	99.40	10.47	121.7	12.82	131.0	13.46	141.6	14.24	150.5	15.03	157.5	15.70
	12	78.80	10.52	99.40	12.13	121.7	13.62	131.0	14.37	141.6	15.34	150.5	16.24	157.5	17.02
	14	78.80	10.97	99.40	12.75	121.7	14.52	131.0	15.43	141.6	16.55	150.5	17.60	157.5	18.50
	16	78.80	11.51	99.40	13.47	121.7	15.58	131.0	16.63	141.6	17.92	150.5	19.15	157.5	20.17
	18	78.80	12.12	99.40	14.30	121.7	16.76	131.0	17.97	141.6	19.47	150.5	20.89	157.5	22.06
	20	78.80	12.81	99.40	15.25	121.7	18.12	131.0	19.52	141.6	21.22	150.5	22.80	157.5	24.15
	21	78.80	13.19	99.40	15.78	121.7	18.85	131.0	20.32	141.6	22.17	150.5	23.86	157.5	25.29
	23	78.80	14.03	99.40	16.93	121.7	20.45	131.0	22.14	141.6	24.22	150.5	26.14	157.5	27.73
	25	78.80	14.99	99.40	18.26	121.7	22.27	131.0	24.16	141.6	26.51	150.5	28.66	157.5	30.43
	27	78.80	16.10	99.40	19.75	121.7	24.29	131.0	26.45	141.6	29.06	150.5	31.41	157.5	33.23
	29	78.80	17.36	99.40	21.43	121.7	26.35	131.0	28.55	141.6	31.17	150.5	33.52	157.5	35.42
	31	78.80	18.72	99.40	22.91	121.7	28.00	131.0	30.38	141.6	33.19	150.5	35.70	157.5	37.75
	33	78.80	19.79	99.40	24.32	121.7	29.80	131.0	32.34	141.6	35.38	150.5	38.07	157.5	40.28
	35	78.80	20.98	99.40	25.86	121.7	31.75	131.0	34.49	141.6	37.72	150.5	40.60	157.5	42.96
	37	78.80	22.29	99.40	27.51	121.7	33.86	131.0	36.76	141.6	40.21	150.5	43.29	157.5	45.80
	39	78.80	23.71	99.40	29.35	121.7	36.13	131.0	39.21	141.6	42.90	150.5	46.20	157.5	48.86
	41	78.80	25.29	99.40	31.28	121.7	38.55	131.0	41.86	141.6	45.77	150.5	49.27	157.5	52.12
	43	78.80	27.00	99.40	33.40	121.7	41.13	131.0	44.66	141.6	48.81	150.5	52.57	157.5	55.61
	46	78.80	29.85	99.40	36.87	121.7	45.36	131.0	49.21	141.6	53.80	150.5	57.94	157.5	61.31
	48	78.80	31.90	99.40	39.38	121.7	48.40	131.0	52.51	141.6	57.41	150.5	61.81	157.5	65.44
	50	78.80	34.11	99.40	42.08	121.7	51.64	131.0	56.04	141.6	61.28	150.5	66.02	157.5	69.91
	52	78.80	36.50	99.40	44.94	121.7	55.10	131.0	59.81	141.6	65.42	143.1	65.25	143.4	64.64
50	10	65.50	5.66	82.70	7.93	101.4	10.78	109.2	11.93	117.8	12.59	125.5	13.08	131.4	13.46
	12	65.50	8.94	82.70	10.86	101.4	12.26	109.2	12.75	117.8	13.35	125.5	13.91	131.4	14.40
	14	65.50	9.82	82.70	11.36	101.4	12.90	109.2	13.47	117.8	14.22	125.5	14.90	131.4	15.46
	16	65.50	10.24	82.70	11.93	101.4	13.62	109.2	14.34	117.8	15.20	125.5	15.99	131.4	16.67
	18	65.50	10.71	82.70	12.55	101.4	14.49	109.2	15.32	117.8	16.31	125.5	17.25	131.4	18.00
	20	65.50	11.25	82.70	13.31	101.4	15.48	109.2	16.43	117.8	17.59	125.5	18.65	131.4	19.56
	21	65.50	11.55	82.70	13.69	101.4	16.01	109.2	17.04	117.8	18.28	125.5	19.42	131.4	20.39
	23	65.50	12.24	82.70	14.61	101.4	17.23	109.2	18.40	117.8	19.80	125.5	21.12	131.4	22.22
	25	65.50	13.01	82.70	15.64	101.4	18.57	109.2	19.92	117.8	21.55	125.5	23.03	131.4	24.24
	27	65.50	13.89	82.70	16.83	101.4	20.13	109.2	21.64	117.8	23.46	125.5	25.13	131.4	26.49
	29	65.50	14.88	82.70	18.17	101.4	21.85	109.2	23.56	117.8	25.51	125.5	27.22	131.4	28.59
	31	65.50	16.00	82.70	19.56	101.4	23.33	109.2	25.07	117.8	27.12	125.5	28.95	131.4	30.43
	33	65.50	16.96	82.70	20.68	101.4	24.78	109.2	26.64	117.8	28.85	125.5	30.82	131.4	32.42
	35	65.50	17.92	82.70	21.91	101.4	26.35	109.2	28.37	117.8	30.73	125.5	32.85	131.4	34.56
	37	65.50	18.96	82.70	23.30	101.4	28.04	109.2	30.21	117.8	32.76	125.5	35.01	131.4	36.86
	39	65.50	20.14	82.70	24.81	101.4	29.89	109.2	32.21	117.8	34.95	125.5	37.35	131.4	39.32
	41	65.50	21.44	82.70	26.44	101.4	31.89	109.2	34.37	117.8	37.26	125.5	39.85	131.4	41.94
	43	65.50	22.86	82.70	28.22	101.4	34.05	109.2	36.68	117.8	39.79	125.5	42.54	131.4	44.75
	46	65.50	25.28	82.70	31.18	101.4	37.59	109.2	40.49	117.8	43.88	125.5	46.88	131.4	49.32
	48	65.50	27.12	82.70	33.31	101.4	40.14	109.2	43.22	117.8	46.81	125.5	50.04	131.4	52.63
	50	65.50	29.15	82.70	35.63	101.4	42.88	109.2	46.12	117.8	49.97	125.5	53.39	131.4	56.16
	52	65.50	31.37	82.70	38.10	101.4	45.78	109.2	49.24	117.8	53.35	125.5	56.97	131.4	59.96

36. ARUM780LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

36. ARUM780LTE6

36.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	46.40	3.07	74.50	4.92	105.7	7.03	113.1	7.57	120.5	8.10	128.3	8.67	136.5	9.39
	12	46.40	3.07	74.50	4.92	105.7	7.10	113.1	7.64	120.5	8.18	128.3	8.75	136.5	9.54
	14	46.40	3.07	74.50	4.96	105.7	7.21	113.1	7.76	120.5	8.33	128.3	8.94	136.5	9.77
	16	46.40	3.08	74.50	5.03	105.7	7.40	113.1	7.98	120.5	8.60	128.3	9.28	136.5	10.26
	18	46.40	3.11	74.50	5.18	105.7	7.79	113.1	8.48	120.5	9.20	128.3	10.03	136.5	11.29
	20	46.40	3.22	74.50	5.52	105.7	8.81	113.1	9.73	120.5	10.73	128.3	11.87	136.5	13.87
	21	52.60	4.06	80.30	7.04	111.2	11.96	118.6	12.75	126.0	13.47	133.3	14.22	140.8	15.40
	23	64.80	9.40	92.40	11.69	122.9	14.89	129.9	15.71	136.9	16.62	143.1	17.45	150.1	18.83
	25	77.60	11.62	104.5	14.48	134.9	18.61	141.2	19.64	148.2	20.73	153.3	21.64	159.5	23.24
	27	90.50	14.68	117.0	18.22	147.0	23.52	153.2	24.77	159.5	26.01	163.8	26.86	178.2	30.54
	29	103.7	18.81	129.5	22.98	159.5	28.97	165.3	30.26	171.6	31.66	181.8	34.13	210.6	42.83
	31	117.4	23.57	142.7	28.38	172.4	35.56	177.8	37.00	193.1	41.28	215.3	47.98	243.4	59.26
	33	131.4	29.48	156.0	35.10	185.3	43.66	204.0	49.73	227.0	58.02	248.4	66.48	275.8	81.28
	35	145.8	36.95	170.0	43.48	217.6	60.83	237.9	69.70	260.9	80.70	281.5	90.95	308.4	104.8
	37	145.8	39.44	170.0	46.42	217.6	64.95	237.9	74.46	260.9	86.44	281.5	96.77	288.5	102.4
	39	145.8	42.09	170.0	49.53	217.6	69.37	237.9	79.65	260.9	92.77	270.2	97.67	267.1	98.55
	41	145.8	44.93	170.0	52.87	217.6	74.16	237.9	85.36	249.7	92.31	249.6	92.34	246.7	93.61
	43	145.8	47.97	170.0	56.43	217.6	79.36	229.9	86.54	229.6	86.46	229.6	86.45	227.2	87.78
	46	145.8	52.88	170.0	62.22	201.9	78.73	201.9	78.72	201.5	78.62	201.9	78.73	199.2	79.60
	48	145.8	56.45	170.0	66.45	184.2	73.95	184.5	74.12	184.1	73.95	183.8	73.88	181.8	74.79
	50	145.8	60.25	167.6	69.65	167.3	69.59	167.2	69.67	167.2	69.60	166.9	69.51	164.9	70.40
	52	144.0	63.09	146.4	60.14	148.2	57.81	148.5	57.35	149.1	56.83	149.4	56.39	149.2	56.74
120	10	42.90	2.84	68.70	4.53	97.50	6.49	104.2	6.95	111.2	7.45	118.5	7.95	126.0	8.56
	12	42.90	2.84	68.70	4.54	97.50	6.53	104.2	7.02	111.2	7.49	118.5	8.03	126.0	8.68
	14	42.90	2.84	68.70	4.57	97.50	6.60	104.2	7.10	111.2	7.64	118.5	8.17	126.0	8.87
	16	42.90	2.84	68.70	4.61	97.50	6.75	104.2	7.29	111.2	7.83	118.5	8.44	126.0	9.24
	18	42.90	2.88	68.70	4.72	97.50	7.06	104.2	7.67	111.2	8.32	118.5	9.01	126.0	10.07
	20	42.90	2.95	68.70	4.99	97.50	7.85	104.2	8.66	111.2	9.50	118.5	10.45	126.0	12.25
	21	48.40	3.64	74.10	6.24	102.6	10.53	109.6	11.76	116.2	12.55	122.9	13.17	130.2	14.19
	23	60.00	8.98	85.10	11.01	113.5	13.82	119.8	14.51	126.4	15.30	132.2	16.01	138.5	17.20
	25	71.70	11.01	96.30	13.52	124.4	17.10	130.6	17.97	136.9	18.92	141.6	19.67	147.1	21.08
	27	83.50	13.73	108.0	16.85	135.7	21.40	141.5	22.46	147.4	23.60	151.3	24.39	164.6	27.66
	29	95.90	17.43	119.7	21.18	147.1	26.39	152.5	27.49	158.3	28.71	168.0	30.86	194.6	38.33
	31	108.4	21.82	131.8	25.99	159.1	32.19	164.2	33.44	178.2	37.12	198.5	42.88	224.6	52.53
	33	121.3	27.05	144.3	31.94	171.2	39.34	188.4	44.58	209.8	51.66	229.3	58.85	254.7	71.27
	35	134.6	33.68	156.8	39.34	200.8	54.28	219.6	61.78	241.0	70.99	259.7	80.09	284.7	94.45
	37	134.6	35.95	156.8	41.99	200.8	57.95	219.6	65.97	241.0	75.89	259.7	85.73	284.7	100.6
	39	134.6	38.37	156.8	44.83	200.8	61.85	219.6	70.46	241.0	81.19	259.7	92.02	267.2	98.60
	41	134.6	40.95	156.8	47.86	200.8	66.04	219.6	75.33	241.0	87.01	249.7	92.30	246.6	93.59
	43	134.6	43.71	156.8	51.08	200.8	70.54	219.6	80.64	229.9	86.48	229.9	86.49	227.1	87.62
	46	134.6	48.24	156.8	56.30	200.8	78.03	201.9	78.70	201.6	78.62	201.5	78.60	199.2	79.68
	48	134.6	51.48	156.8	60.10	184.2	74.04	184.2	74.04	184.1	73.97	183.8	73.82	181.8	74.88
	50	134.6	54.94	156.8	64.16	167.3	69.60	167.2	69.57	167.9	69.85	167.3	69.56	165.2	70.40
	52	134.6	58.67	145.9	61.11	147.6	58.76	147.9	58.29	148.2	57.78	148.5	57.43	148.4	57.92
110	10	39.40	2.58	63.20	4.15	89.30	5.92	95.60	6.34	101.8	6.80	108.4	7.26	115.4	7.80
	12	39.40	2.58	63.20	4.15	89.30	5.95	95.60	6.41	101.8	6.84	108.4	7.30	115.4	7.91
	14	39.40	2.58	63.20	4.18	89.30	6.03	95.60	6.45	101.8	6.95	108.4	7.41	115.4	8.03
	16	39.40	2.61	63.20	4.22	89.30	6.14	95.60	6.60	101.8	7.10	108.4	7.63	115.4	8.33
	18	39.40	2.61	63.20	4.30	89.30	6.37	95.60	6.90	101.8	7.47	108.4	8.05	115.4	8.97

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	39.40	2.65	63.20	4.49	89.30	6.97	95.60	7.66	101.8	8.39	108.4	9.19	115.4	10.61
	21	44.50	3.26	67.90	5.51	94.00	9.07	100.2	10.10	106.5	11.25	112.7	12.12	119.3	13.10
	23	55.00	8.59	78.00	10.39	104.1	12.83	109.9	13.44	115.8	14.09	121.3	14.66	127.1	15.72
	25	65.50	10.39	88.50	12.61	113.9	15.70	119.7	16.42	125.2	17.21	129.9	17.86	134.9	19.07
	27	76.50	12.81	99.00	15.55	124.4	19.43	129.5	20.34	135.0	21.29	138.8	21.97	150.9	24.89
	29	87.80	16.10	109.6	19.42	134.9	24.00	140.0	24.94	145.1	25.97	154.0	27.79	178.3	34.16
	31	99.40	20.13	120.9	23.72	145.8	29.07	150.5	30.13	163.4	33.28	182.1	38.17	205.9	46.33
	33	111.2	24.76	132.2	28.95	156.8	35.32	172.7	39.77	192.2	45.79	210.2	51.85	233.3	62.22
	35	123.3	30.60	143.9	35.46	184.1	48.22	201.3	54.55	220.8	62.23	238.2	69.71	260.9	83.22
	37	123.3	32.64	143.9	37.85	184.1	51.47	201.3	58.22	220.8	66.46	238.2	74.50	260.9	89.22
	39	123.3	34.83	143.9	40.41	184.1	54.92	201.3	62.15	220.8	70.99	238.2	79.69	260.9	95.36
	41	123.3	37.21	143.9	43.14	184.1	58.63	201.3	66.35	220.8	75.90	238.2	85.40	247.0	93.65
	43	123.3	39.72	143.9	46.06	184.1	62.57	201.3	70.92	220.8	81.24	230.0	86.52	227.2	87.70
	46	123.3	43.83	143.9	50.79	184.1	69.06	201.3	78.44	201.8	78.73	201.9	78.70	199.2	79.68
	48	123.3	46.80	143.9	54.21	183.9	73.73	184.1	73.87	184.2	74.02	184.2	73.91	181.8	74.78
	50	123.3	49.96	143.9	57.83	167.6	69.68	167.6	69.68	167.2	69.60	167.3	69.57	165.3	70.42
	52	123.3	53.35	143.9	61.68	146.8	59.92	147.0	59.46	147.3	58.94	146.7	58.51	147.7	58.65
100	10	35.90	2.35	57.30	3.76	81.10	5.38	87.00	5.76	92.80	6.15	98.70	6.57	104.9	7.07
	12	35.90	2.35	57.30	3.77	81.10	5.38	87.00	5.80	92.80	6.19	98.70	6.61	104.9	7.14
	14	35.90	2.35	57.30	3.77	81.10	5.45	87.00	5.84	92.80	6.26	98.70	6.68	104.9	7.22
	16	35.90	2.35	57.30	3.80	81.10	5.53	87.00	5.95	92.80	6.37	98.70	6.83	104.9	7.45
	18	35.90	2.38	57.30	3.87	81.10	5.68	87.00	6.17	92.80	6.64	98.70	7.17	104.9	7.90
	20	35.90	2.41	57.30	4.02	81.10	6.17	87.00	6.74	92.80	7.32	98.70	8.00	104.9	9.15
	21	40.50	2.91	62.00	4.82	85.80	7.77	91.20	8.61	96.70	9.53	102.5	10.49	108.4	12.10
	23	49.90	8.18	71.00	9.75	94.40	11.88	99.80	12.42	105.3	12.95	110.0	13.48	115.4	14.32
	25	59.70	9.78	80.30	11.73	103.7	14.37	108.8	15.01	113.9	15.66	118.1	16.19	122.5	17.22
	27	69.50	11.93	90.00	14.30	113.1	17.61	117.8	18.37	122.8	19.20	126.0	19.73	136.9	22.17
	29	79.90	14.83	99.80	17.70	122.5	21.72	127.1	22.52	131.8	23.42	140.0	24.95	162.2	30.30
	31	90.40	18.49	109.9	21.59	132.6	26.14	136.5	27.02	148.6	29.71	165.4	33.82	187.2	40.68
	33	101.0	22.60	120.1	26.17	142.7	31.56	156.8	35.32	174.7	40.37	191.1	45.45	212.2	54.08
	35	112.3	27.68	130.7	31.82	167.3	42.60	183.0	47.91	200.8	54.28	216.5	60.45	237.1	71.41
	37	112.3	29.52	130.7	33.97	167.3	45.48	183.0	51.13	200.8	57.95	216.5	64.53	237.1	76.34
	39	112.3	31.52	130.7	36.24	167.3	48.54	183.0	54.58	200.8	61.85	216.5	68.92	237.1	81.69
	41	112.3	33.64	130.7	38.70	167.3	51.80	183.0	58.25	200.8	66.05	216.5	73.67	237.1	87.58
	43	112.3	35.94	130.7	41.35	167.3	55.29	183.0	62.19	200.8	70.58	216.5	78.80	227.5	87.82
	46	112.3	39.68	130.7	45.62	167.3	60.96	183.0	68.61	200.8	78.07	201.9	78.74	199.2	79.58
	48	112.3	42.38	130.7	48.70	167.3	65.09	183.0	73.33	184.2	73.99	183.9	73.89	181.8	74.79
	50	112.3	45.28	130.7	51.97	167.0	69.37	167.6	69.66	167.3	69.62	167.5	69.70	165.0	70.31
	52	112.3	48.36	130.7	55.48	145.5	61.25	146.4	60.53	146.7	59.73	147.3	59.07	147.1	59.17
90	10	32.30	2.11	51.50	3.38	73.00	4.81	78.40	5.18	83.40	5.53	88.90	5.88	94.40	6.34
	12	32.30	2.11	51.50	3.38	73.00	4.84	78.40	5.19	83.40	5.53	88.90	5.92	94.40	6.38
	14	32.30	2.11	51.50	3.38	73.00	4.87	78.40	5.22	83.40	5.60	88.90	5.99	94.40	6.45
	16	32.30	2.11	51.50	3.42	73.00	4.92	78.40	5.30	83.40	5.68	88.90	6.10	94.40	6.60
	18	32.30	2.11	51.50	3.45	73.00	5.06	78.40	5.45	83.40	5.87	88.90	6.33	94.40	6.94
	20	32.30	2.15	51.50	3.56	73.00	5.37	78.40	5.86	83.40	6.36	88.90	6.93	94.40	7.85
	21	36.30	2.53	55.70	4.18	77.20	6.59	81.90	7.27	87.00	8.00	92.10	8.76	97.50	10.56
	23	44.90	7.79	63.90	9.17	85.00	11.00	89.70	11.46	94.80	11.92	99.10	12.34	103.8	13.10
	25	53.80	9.21	72.20	10.89	93.20	13.15	97.90	13.68	102.6	14.25	106.1	14.71	110.4	15.55
	27	62.80	11.09	80.80	13.11	101.8	15.94	106.1	16.58	110.4	17.23	113.5	17.69	123.3	19.74
	29	71.80	13.61	89.70	16.06	110.4	19.56	114.3	20.29	118.6	21.02	126.0	22.32	145.9	26.78
	31	81.20	16.88	98.70	19.60	119.3	23.41	122.9	24.17	133.7	26.38	149.0	29.79	168.5	35.48

36. ARUM780LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	90.90	20.55	108.0	23.55	128.3	28.07	141.2	31.22	157.2	35.40	172.0	39.57	191.1	46.67
	35	101.0	24.97	117.8	28.43	150.5	37.41	164.9	41.81	180.6	47.08	195.0	52.09	213.4	60.98
	37	101.0	26.59	117.8	30.32	150.5	39.94	164.9	44.64	180.6	50.22	195.0	55.60	213.4	65.10
	39	101.0	28.36	117.8	32.36	150.5	42.62	164.9	47.63	180.6	53.63	195.0	59.35	213.4	69.52
	41	101.0	30.29	117.8	34.55	150.5	45.50	164.9	50.85	180.6	57.23	195.0	63.36	213.4	74.32
	43	101.0	32.36	117.8	36.93	150.5	48.58	164.9	54.27	180.6	61.09	195.0	67.67	213.4	79.52
	46	101.0	35.76	117.8	40.75	150.5	53.57	164.9	59.83	180.6	67.40	195.0	74.76	199.5	79.69
	48	101.0	38.23	117.8	43.53	150.5	57.17	164.9	63.88	180.6	72.01	184.2	73.97	182.2	74.95
	50	101.0	40.85	117.8	46.49	150.5	61.01	164.9	68.21	167.3	69.60	167.3	69.65	165.3	70.48
	52	101.0	43.64	117.8	49.65	145.3	61.98	145.9	61.23	146.4	60.44	146.7	59.70	146.9	59.88
80	10	28.50	1.88	46.00	3.00	65.10	4.27	69.40	4.57	74.10	4.88	78.80	5.22	83.90	5.61
	12	28.50	1.88	46.00	3.00	65.10	4.27	69.40	4.61	74.10	4.91	78.80	5.23	83.90	5.64
	14	28.50	1.88	46.00	3.00	65.10	4.30	69.40	4.61	74.10	4.95	78.80	5.26	83.90	5.68
	16	28.50	1.88	46.00	3.00	65.10	4.34	69.40	4.68	74.10	4.99	78.80	5.34	83.90	5.80
	18	28.50	1.88	46.00	3.03	65.10	4.42	69.40	4.76	74.10	5.14	78.80	5.52	83.90	6.02
	20	28.50	1.88	46.00	3.11	65.10	4.64	69.40	5.06	74.10	5.48	78.80	5.94	83.90	6.66
	21	32.40	2.22	49.50	3.60	68.60	5.55	72.90	6.08	77.60	6.66	81.90	7.24	86.60	8.60
	23	40.50	7.47	56.90	8.60	75.70	10.16	79.90	10.54	84.20	10.93	88.10	11.27	92.40	11.92
	25	47.60	8.64	64.30	10.09	83.00	12.00	87.00	12.45	91.20	12.92	94.40	13.29	98.20	13.99
	27	55.80	10.28	71.80	12.00	90.50	14.37	94.40	14.90	98.30	15.44	101.0	15.82	109.6	17.50
	29	63.90	12.46	79.90	14.53	98.20	17.43	101.8	18.04	105.6	18.69	111.9	19.83	129.8	23.55
	31	72.20	15.30	87.80	17.65	106.1	20.90	109.2	21.51	118.9	23.33	132.6	26.11	149.8	30.74
	33	80.80	18.52	96.00	21.10	114.2	24.84	125.6	27.42	139.7	30.84	152.9	34.22	169.7	39.96
	35	89.70	22.41	104.5	25.27	133.8	32.65	146.6	36.23	160.7	40.48	173.2	44.54	189.6	51.67
	37	89.70	23.84	104.5	26.93	133.8	34.84	146.6	38.68	160.7	43.20	173.2	47.53	189.6	55.12
	39	89.70	25.43	104.5	28.74	133.8	37.19	146.6	41.29	160.7	46.12	173.2	50.74	189.6	58.86
	41	89.70	27.16	104.5	30.70	133.8	39.72	146.6	44.06	160.7	49.23	173.2	54.15	189.6	62.83
	43	89.70	29.01	104.5	32.78	133.8	42.41	146.6	47.05	160.7	52.56	173.2	57.79	189.6	67.08
	46	89.70	32.06	104.5	36.22	133.8	46.80	146.6	51.86	160.7	57.93	173.2	63.73	189.6	74.15
	48	89.70	34.26	104.5	38.72	133.8	49.95	146.6	55.35	160.7	61.84	173.2	68.08	182.1	74.90
	50	89.70	36.66	104.5	41.38	133.8	53.30	146.6	59.08	160.7	66.02	167.3	69.64	165.3	70.39
	52	89.70	39.21	104.5	44.21	133.8	56.88	144.5	61.81	145.8	61.34	146.2	60.60	146.3	60.76
70	10	25.00	1.65	40.20	2.62	56.90	3.73	60.80	4.00	64.80	4.27	69.00	4.54	73.40	4.88
	12	25.00	1.65	40.20	2.61	56.90	3.73	60.80	4.00	64.80	4.27	69.00	4.57	73.40	4.91
	14	25.00	1.65	40.20	2.61	56.90	3.76	60.80	4.03	64.80	4.30	69.00	4.57	73.40	4.95
	16	25.00	1.65	40.20	2.62	56.90	3.76	60.80	4.04	64.80	4.34	69.00	4.64	73.40	4.99
	18	25.00	1.65	40.20	2.65	56.90	3.84	60.80	4.11	64.80	4.42	69.00	4.72	73.40	5.18
	20	25.00	1.65	40.20	2.69	56.90	3.99	60.80	4.30	64.80	4.64	69.00	5.02	73.40	5.56
	21	28.40	1.92	43.30	3.06	60.00	4.60	63.90	5.02	67.80	5.47	71.80	5.93	76.00	6.89
	23	35.10	6.49	49.60	8.06	66.30	9.36	69.80	9.67	73.70	10.01	77.20	10.28	80.70	10.81
	25	41.70	8.10	56.20	9.29	72.50	10.89	76.10	11.27	79.90	11.66	82.70	11.96	85.80	12.57
	27	48.70	9.48	62.80	10.93	79.20	12.89	82.30	13.34	85.80	13.79	88.20	14.07	95.90	15.44
	29	55.80	11.32	69.80	13.04	85.80	15.45	88.90	15.94	92.40	16.48	97.90	17.40	113.5	20.56
	31	63.20	13.77	76.80	15.80	92.80	18.52	95.60	19.05	104.1	20.52	115.8	22.76	131.0	26.45
	33	70.60	16.54	84.20	18.75	99.80	21.87	110.0	23.93	122.4	26.66	133.8	29.33	148.6	33.92
	35	78.40	19.91	91.60	22.33	117.0	28.28	128.3	31.13	140.4	34.52	151.7	37.71	166.1	43.33
	37	78.40	21.17	91.60	23.76	117.0	30.16	128.3	33.21	140.4	36.85	151.7	40.24	166.1	46.24
	39	78.40	22.55	91.60	25.35	117.0	32.20	128.3	35.47	140.4	39.32	151.7	42.97	166.1	49.35
	41	78.40	24.08	91.60	27.08	117.0	34.39	128.3	37.86	140.4	42.00	151.7	45.88	166.1	52.68
	43	78.40	25.77	91.60	28.93	117.0	36.71	128.3	40.44	140.4	44.85	151.7	48.96	166.1	56.24
	46	78.40	28.49	91.60	31.98	117.0	40.56	128.3	44.63	140.4	49.43	151.7	53.99	166.1	62.02

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	78.40	30.52	91.60	34.19	117.0	43.30	128.3	47.64	140.4	52.77	151.7	57.63	166.1	66.23
	50	78.40	32.68	91.60	36.58	117.0	46.26	128.3	50.87	140.4	56.31	151.7	61.50	165.3	70.42
	52	78.40	35.01	91.60	39.10	117.0	49.39	128.3	54.30	140.4	60.11	145.6	61.82	145.4	61.93
60	10	21.50	1.43	34.30	2.23	48.70	3.19	52.20	3.42	55.70	3.65	59.30	3.88	62.80	4.18
	12	21.50	1.43	34.30	2.23	48.70	3.19	52.20	3.42	55.70	3.65	59.30	3.88	62.80	4.19
	14	21.50	1.40	34.30	2.23	48.70	3.19	52.20	3.42	55.70	3.65	59.30	3.92	62.80	4.19
	16	21.50	1.40	34.30	2.23	48.70	3.22	52.20	3.45	55.70	3.69	59.30	3.92	62.80	4.23
	18	21.50	1.40	34.30	2.26	48.70	3.23	52.20	3.49	55.70	3.73	59.30	3.99	62.80	4.34
	20	21.50	1.40	34.30	2.27	48.70	3.34	52.20	3.60	55.70	3.87	59.30	4.18	62.80	4.60
	21	24.20	1.61	37.10	2.53	51.50	3.76	54.60	4.10	58.10	4.44	61.60	4.78	65.10	5.44
	23	30.00	4.57	42.50	6.83	56.60	8.59	60.00	8.86	63.20	9.10	65.90	9.36	69.40	9.78
	25	38.10	7.83	48.30	8.56	62.40	9.86	65.20	10.17	68.30	10.47	70.90	10.74	73.70	11.20
	27	41.70	8.75	53.80	9.90	67.90	11.51	70.60	11.85	73.70	12.23	75.70	12.46	82.30	13.57
	29	48.00	10.28	59.70	11.66	73.70	13.61	76.40	14.00	79.20	14.42	83.90	15.18	97.20	17.70
	31	54.20	12.27	65.90	13.92	79.50	16.23	81.90	16.65	89.00	17.87	99.40	19.67	112.3	22.58
	33	60.50	14.66	72.10	16.46	85.40	19.03	94.00	20.75	104.9	22.86	114.7	24.95	127.2	28.49
	35	67.40	17.42	78.40	19.45	100.3	24.29	110.0	26.50	120.5	29.12	129.9	31.59	142.3	35.92
	37	67.40	18.49	78.40	20.67	100.3	25.87	110.0	28.26	120.5	31.08	129.9	33.70	142.3	38.34
	39	67.40	19.64	78.40	22.02	100.3	27.60	110.0	30.15	120.5	33.16	129.9	35.97	142.3	40.91
	41	67.40	20.91	78.40	23.51	100.3	29.48	110.0	32.22	120.5	35.42	129.9	38.43	142.3	43.68
	43	67.40	22.29	78.40	25.16	100.3	31.49	110.0	34.42	120.5	37.85	129.9	41.04	142.3	46.63
	46	67.40	24.67	78.40	27.89	100.3	34.80	110.0	38.01	120.5	41.77	129.9	45.28	142.3	51.40
	48	67.40	26.46	78.40	29.88	100.3	37.20	110.0	40.63	120.5	44.59	129.9	48.32	142.3	54.86
	50	67.40	28.42	78.40	32.03	100.3	39.78	110.0	43.40	120.5	47.64	129.9	51.59	142.3	58.58
	52	67.40	30.60	78.40	34.32	100.3	42.53	110.0	46.34	120.5	50.84	129.9	55.06	142.3	62.53
50	10	17.90	1.37	28.80	1.88	40.60	2.65	43.30	2.84	46.40	3.04	49.50	3.23	52.60	3.46
	12	17.90	1.37	28.80	1.88	40.60	2.65	43.30	2.84	46.40	3.03	49.50	3.23	52.60	3.46
	14	17.90	1.37	28.80	1.88	40.60	2.65	43.30	2.84	46.40	3.04	49.50	3.23	52.60	3.49
	16	17.90	1.37	28.80	1.85	40.60	2.65	43.30	2.84	46.40	3.04	49.50	3.26	52.60	3.50
	18	17.90	1.37	28.80	1.88	40.60	2.68	43.30	2.88	46.40	3.07	49.50	3.30	52.60	3.57
	20	17.90	1.37	28.80	1.88	40.60	2.72	43.30	2.92	46.40	3.15	49.50	3.38	52.60	3.68
	21	20.30	1.34	30.80	2.07	42.90	3.02	45.60	3.26	48.40	3.49	51.10	3.76	54.20	4.21
	23	25.00	3.09	35.50	4.61	47.20	7.87	49.90	8.06	52.60	8.29	55.00	8.48	57.70	8.79
	25	36.60	7.91	40.60	7.91	51.90	8.90	54.20	9.13	56.90	9.36	58.90	9.56	61.20	9.94
	27	36.20	8.23	44.90	8.94	56.50	10.21	58.90	10.47	61.30	10.74	63.10	10.94	68.60	11.81
	29	39.80	9.25	49.90	10.36	61.30	11.86	63.60	12.19	65.90	12.50	69.80	13.08	81.10	15.03
	31	45.20	10.86	55.00	12.16	66.30	14.00	68.30	14.34	74.10	15.34	82.70	16.80	93.60	19.09
	33	50.70	12.86	60.10	14.27	71.40	16.31	78.40	17.65	87.40	19.37	95.50	20.98	106.1	23.66
	35	56.10	15.08	65.50	16.69	83.50	20.60	91.60	22.33	100.3	24.29	108.4	26.11	118.6	29.32
	37	56.10	15.93	65.50	17.65	83.50	21.93	91.60	23.76	100.3	25.90	108.4	27.84	118.6	31.27
	39	56.10	16.85	65.50	18.73	83.50	23.39	91.60	25.35	100.3	27.63	108.4	29.73	118.6	33.39
	41	56.10	17.88	65.50	19.95	83.50	24.94	91.60	27.08	100.3	29.48	108.4	31.73	118.6	35.65
	43	56.10	19.00	65.50	21.25	83.50	26.68	91.60	28.93	100.3	31.49	108.4	33.89	118.6	38.08
	46	56.10	20.91	65.50	23.48	83.50	29.52	91.60	31.98	100.3	34.81	108.4	37.44	118.6	42.04
	48	56.10	22.37	65.50	25.16	83.50	31.59	91.60	34.19	100.3	37.23	108.4	40.02	118.6	44.90
	50	56.10	23.94	65.50	27.00	83.50	33.83	91.60	36.58	100.3	39.79	108.4	42.76	118.6	47.94
	52	56.10	25.67	65.50	29.04	83.50	36.19	91.60	39.13	100.3	42.53	108.4	45.69	118.6	51.18

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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36.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	146.6	67.64	145.4	68.21	144.3	68.79	143.8	69.06	143.4	69.37	142.3	69.91
	-24.8	-25	170.4	71.11	169.2	71.76	168.1	72.38	167.3	72.69	166.9	73.03	165.7	73.65
	-21.8	-22	185.3	73.11	184.1	73.80	182.9	74.46	182.1	74.81	181.7	75.12	180.2	75.77
	-19.8	-20	195.8	74.46	194.6	75.16	193.1	75.85	192.3	76.20	191.9	76.54	190.7	77.23
	-18.8	-19	201.3	75.12	199.8	75.85	198.5	76.58	197.8	76.92	197.0	77.27	195.8	77.93
	-16.7	-17	212.3	76.50	211.1	77.24	209.5	77.97	208.7	78.35	208.3	78.70	206.7	79.40
	-15	-15.9	219.3	77.28	217.7	78.05	216.1	78.81	215.4	79.16	214.6	79.54	213.4	80.24
	-13.7	-15	224.9	77.98	223.3	78.75	222.1	79.52	221.3	79.90	220.5	80.29	219.3	81.02
	-11.8	-13	236.5	79.32	234.9	80.12	233.4	80.90	232.6	81.28	231.8	81.67	230.2	82.43
	-9.8	-11	249.4	80.74	247.5	81.55	245.9	82.36	245.1	82.74	244.3	83.13	242.7	83.90
	-9.5	-10	255.3	81.39	253.7	82.21	252.1	83.05	251.3	83.44	250.2	83.86	248.6	84.63
	-8.5	-9.1	261.5	82.05	259.6	82.89	257.9	83.71	257.1	84.13	256.3	84.52	254.4	85.32
	-7	-7.6	271.7	83.13	270.0	84.01	268.1	84.86	267.3	85.25	266.2	85.67	264.5	86.48
	-5	-5.6	286.1	84.63	284.1	85.51	282.1	86.36	281.3	86.79	280.2	87.21	278.2	88.05
	-3	-3.7	300.2	86.05	298.2	86.97	296.2	87.86	295.1	88.29	294.2	88.74	279.6	83.70
	0	-0.7	323.6	88.39	321.2	89.32	319.1	90.20	309.3	86.85	299.5	83.42	279.6	76.66
	3	2.2	346.9	90.66	339.3	89.37	319.4	82.88	309.3	79.73	299.5	76.60	279.6	70.48
	5	4.1	359.2	90.69	339.3	84.47	319.4	78.39	309.3	75.44	299.5	72.50	279.6	66.76
	7	6	359.2	85.67	339.3	79.82	319.4	74.13	309.3	71.34	299.5	68.57	279.6	63.18
	9	7.9	359.2	80.73	339.3	75.24	319.4	69.89	309.3	67.27	299.5	64.69	279.6	59.63
	11	9.8	359.2	75.97	339.3	70.85	319.4	65.85	309.3	63.40	299.5	61.01	279.6	56.27
	13	11.8	359.2	71.19	339.3	66.43	319.4	61.83	309.3	59.54	299.5	57.31	279.6	52.92
	15	13.7	359.2	66.90	339.3	62.49	319.4	58.17	309.3	56.07	299.5	53.97	279.6	49.89
120	-30	-30.2	145.8	67.95	144.7	68.52	143.8	69.10	143.4	69.37	142.7	69.64	141.9	70.21
	-24.8	-25	169.6	71.53	168.5	72.15	167.3	72.80	166.5	73.11	166.1	73.42	164.9	74.03
	-21.8	-22	184.5	73.61	183.3	74.27	181.8	74.93	181.3	75.27	180.6	75.58	179.4	76.23
	-19.8	-20	194.7	75.00	193.5	75.69	192.3	76.39	191.5	76.73	190.8	77.04	189.6	77.73
	-18.8	-19	200.1	75.69	198.9	76.39	197.4	77.12	196.6	77.46	196.2	77.78	194.7	78.47
	-16.7	-17	211.1	77.12	209.9	77.85	208.3	78.58	207.6	78.93	207.1	79.28	205.6	79.97
	-15	-15.9	217.7	77.93	216.5	78.70	214.9	79.43	214.2	79.78	213.4	80.16	212.2	80.86
	-13.7	-15	223.7	78.67	222.1	79.44	220.9	80.18	220.1	80.56	219.3	80.91	218.1	81.64
	-11.8	-13	235.3	80.05	233.7	80.85	232.1	81.62	231.3	81.98	230.6	82.36	229.0	83.09
	-9.8	-11	247.8	81.55	245.9	82.35	244.3	83.13	243.5	83.52	242.7	83.90	241.1	84.67
	-9.5	-10	253.7	82.24	252.1	83.05	250.1	83.86	249.3	84.25	248.6	84.63	247.0	85.40
	-8.5	-9.1	259.5	82.93	257.9	83.75	256.0	84.55	255.2	84.94	254.4	85.36	252.8	86.13
	-7	-7.6	269.7	84.09	268.1	84.90	266.1	85.75	265.3	86.14	264.5	86.55	257.8	85.03
	-5	-5.6	283.7	85.63	281.8	86.51	279.8	87.36	279.0	87.75	276.5	87.35	257.8	80.27
	-3	-3.7	297.8	87.17	295.8	88.05	293.8	88.91	285.5	85.99	276.5	82.60	257.8	75.95
	0	-0.7	320.4	89.63	313.2	88.19	294.8	81.85	285.5	78.71	276.5	75.64	257.8	69.64
	3	2.2	331.5	86.85	313.2	80.95	294.8	75.18	285.5	72.36	276.5	69.58	257.8	64.11
	5	4.1	331.5	82.11	313.2	76.58	294.8	71.17	285.5	68.51	276.5	65.89	257.8	60.78
	7	6	331.5	77.62	313.2	72.40	294.8	67.32	285.5	64.82	276.5	62.36	257.8	57.53
	9	7.9	331.5	73.17	313.2	68.28	294.8	63.52	285.5	61.18	276.5	58.88	257.8	54.34
	11	9.8	331.5	68.90	313.2	64.33	294.8	59.89	285.5	57.71	276.5	55.57	257.8	51.34
	13	11.8	331.5	64.67	313.2	60.42	294.8	56.30	285.5	54.25	276.5	52.26	257.8	48.31

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	331.5	60.81	313.2	56.88	294.8	53.03	285.5	51.14	276.5	49.27	257.8	45.60
110	-30	-30.2	145.1	68.33	144.2	68.91	143.1	69.45	142.7	69.75	142.2	70.02	141.1	70.56
	-24.8	-25	168.8	72.03	167.6	72.65	166.5	73.26	165.7	73.57	165.3	73.88	164.1	74.46
	-21.8	-22	183.3	74.19	182.1	74.84	180.9	75.50	180.2	75.81	179.7	76.12	178.6	76.77
	-19.8	-20	193.5	75.62	192.3	76.31	191.1	76.97	190.3	77.31	189.9	77.65	188.4	78.28
	-18.8	-19	198.9	76.35	197.4	77.04	196.2	77.74	195.4	78.08	195.0	78.39	193.8	79.08
	-16.7	-17	209.9	77.85	208.3	78.55	207.1	79.27	206.3	79.62	205.6	79.97	204.4	80.63
	-15	-15.9	216.2	78.70	214.9	79.43	213.4	80.16	212.6	80.51	212.2	80.86	210.6	81.55
	-13.7	-15	222.1	79.45	220.6	80.22	219.3	80.95	218.6	81.33	217.8	81.68	216.6	82.38
	-11.8	-13	233.4	80.93	231.8	81.70	230.2	82.44	229.4	82.82	229.0	83.17	227.4	83.90
	-9.8	-11	245.8	82.48	243.9	83.28	242.3	84.05	241.5	84.40	240.7	84.79	236.4	84.03
	-9.5	-10	251.7	83.21	250.1	84.01	248.2	84.79	247.4	85.17	246.6	85.55	236.4	81.88
	-8.5	-9.1	257.5	83.94	255.6	84.75	254.0	85.52	253.2	85.94	252.4	86.29	236.4	79.81
	-7	-7.6	267.3	85.17	265.7	85.98	263.8	86.79	261.7	86.57	253.5	83.17	236.4	76.52
	-5	-5.6	281.0	86.82	279.4	87.67	270.3	84.96	261.7	81.72	253.5	78.54	236.4	72.29
	-3	-3.7	295.0	88.44	287.1	86.57	270.3	80.36	261.7	77.33	253.5	74.31	236.4	68.46
	0	-0.7	304.2	85.00	287.1	79.25	270.3	73.64	261.7	70.89	253.5	68.16	236.4	62.84
	3	2.2	304.2	78.05	287.1	72.83	270.3	67.74	261.7	65.24	253.5	62.78	236.4	57.94
	5	4.1	304.2	73.84	287.1	68.94	270.3	64.17	261.7	61.83	253.5	59.50	236.4	54.98
	7	6	304.2	69.85	287.1	65.24	270.3	60.72	261.7	58.50	253.5	56.32	236.4	52.05
	9	7.9	304.2	65.90	287.1	61.57	270.3	57.36	261.7	55.27	253.5	53.24	236.4	49.21
	11	9.8	304.2	62.11	287.1	58.09	270.3	54.13	261.7	52.19	253.5	50.29	236.4	46.54
	13	11.8	304.2	58.33	287.1	54.59	270.3	50.94	261.7	49.13	253.5	47.35	236.4	43.86
	15	13.7	304.2	54.94	287.1	51.45	270.3	48.04	261.7	46.34	253.5	44.68	236.4	41.43
100	-30	-30.2	144.3	68.79	143.4	69.33	142.3	69.90	141.9	70.17	141.5	70.44	140.3	70.98
	-24.8	-25	167.7	72.61	166.5	73.22	165.3	73.84	164.9	74.11	164.2	74.42	163.3	75.00
	-21.8	-22	182.1	74.85	180.9	75.50	179.7	76.12	179.0	76.46	178.6	76.77	177.4	77.38
	-19.8	-20	192.3	76.35	190.8	77.04	189.6	77.70	189.1	78.01	188.4	78.35	187.2	78.97
	-18.8	-19	197.4	77.12	196.2	77.81	194.7	78.47	194.2	78.81	193.5	79.12	192.3	79.78
	-16.7	-17	208.3	78.70	206.7	79.39	205.5	80.08	204.8	80.43	204.0	80.74	202.8	81.40
	-15	-15.9	214.6	79.59	213.0	80.32	211.8	81.01	211.0	81.36	210.3	81.70	209.0	82.36
	-13.7	-15	220.2	80.41	218.9	81.14	217.7	81.87	217.0	82.22	216.2	82.57	214.9	83.21
	-11.8	-13	231.4	81.94	229.8	82.67	228.2	83.40	227.5	83.78	227.0	84.13	214.9	79.17
	-9.8	-11	243.4	83.59	241.9	84.36	240.3	85.09	237.9	84.70	230.4	81.42	214.9	74.96
	-9.5	-10	249.3	84.36	247.4	85.13	245.7	85.78	237.9	82.51	230.4	79.32	214.9	73.06
	-8.5	-9.1	254.8	85.13	253.2	85.91	245.7	83.60	237.9	80.44	230.4	77.33	214.9	71.24
	-7	-7.6	264.6	86.44	260.9	86.25	245.7	80.14	237.9	77.11	230.4	74.16	214.9	68.32
	-5	-5.6	276.5	87.35	260.9	81.45	245.7	75.67	237.9	72.87	230.4	70.06	214.9	64.61
	-3	-3.7	276.5	82.60	260.9	77.05	245.7	71.64	237.9	68.97	230.4	66.35	214.9	61.23
	0	-0.7	276.5	75.65	260.9	70.63	245.7	65.73	237.9	63.31	230.4	60.96	214.9	56.29
	3	2.2	276.5	69.58	260.9	65.01	245.7	60.56	237.9	58.37	230.4	56.20	214.9	51.96
	5	4.1	276.5	65.89	260.9	61.60	245.7	57.43	237.9	55.37	230.4	53.35	214.9	49.35
	7	6	276.5	62.36	260.9	58.31	245.7	54.38	237.9	52.44	230.4	50.53	214.9	46.74
	9	7.9	276.5	58.88	260.9	55.11	245.7	51.42	237.9	49.60	230.4	47.78	214.9	44.26
	11	9.8	276.5	55.57	260.9	52.04	245.7	48.58	237.9	46.88	230.4	45.22	214.9	41.90
	13	11.8	276.5	52.26	260.9	48.97	245.7	45.76	237.9	44.17	230.4	42.59	214.9	39.54
	15	13.7	276.5	49.27	260.9	46.19	245.7	43.20	237.9	41.71	230.4	40.24	214.9	37.39

36. ARUM780LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	143.4	69.33	142.3	69.87	141.5	70.41	141.1	70.68	140.3	70.95	139.5	71.45
	-24.8	-25	166.5	73.30	165.3	73.92	164.1	74.50	163.7	74.80	163.0	75.07	161.8	75.65
	-21.8	-22	180.6	75.65	179.4	76.27	178.2	76.92	177.5	77.23	177.0	77.51	175.9	78.12
	-19.8	-20	190.4	77.24	189.2	77.89	188.0	78.54	187.5	78.85	186.8	79.16	185.6	79.78
	-18.8	-19	195.8	78.05	194.2	78.73	193.0	79.36	192.3	79.70	191.8	80.01	190.7	80.62
	-16.7	-17	206.3	79.70	204.8	80.39	203.6	81.05	202.8	81.39	202.0	81.70	193.4	78.03
	-15	-15.9	212.6	80.66	211.0	81.36	209.8	82.05	209.0	82.36	207.1	82.11	193.4	75.64
	-13.7	-15	218.2	81.53	216.9	82.26	215.4	82.95	214.1	82.92	207.1	79.68	193.4	73.33
	-11.8	-13	229.0	83.13	227.4	83.86	221.1	81.89	214.1	78.85	207.1	75.82	193.4	69.86
	-9.8	-11	240.7	84.90	234.8	83.39	221.1	77.52	214.1	74.64	207.1	71.78	193.4	66.20
	-9.5	-10	246.2	85.71	234.8	81.24	221.1	75.54	214.1	72.74	207.1	69.96	193.4	64.55
	-8.5	-9.1	248.8	84.86	234.8	79.18	221.1	73.67	214.1	70.93	207.1	68.25	193.4	62.97
	-7	-7.6	248.8	81.36	234.8	75.93	221.1	70.63	214.1	68.04	207.1	65.49	193.4	60.44
	-5	-5.6	248.8	76.81	234.8	71.74	221.1	66.76	214.1	64.33	207.1	61.94	193.4	57.19
	-3	-3.7	248.8	72.70	234.8	67.95	221.1	63.26	214.1	60.96	207.1	58.69	193.4	54.25
	0	-0.7	248.8	66.71	234.8	62.37	221.1	58.15	214.1	56.06	207.1	53.99	193.4	49.95
	3	2.2	248.8	61.45	234.8	57.51	221.1	53.66	214.1	51.76	207.1	49.89	193.4	46.21
	5	4.1	248.8	58.25	234.8	54.55	221.1	50.94	214.1	49.15	207.1	47.40	193.4	43.92
	7	6	248.8	55.16	234.8	51.66	221.1	48.25	214.1	46.58	207.1	44.92	193.4	41.64
	9	7.9	248.8	52.12	234.8	48.86	221.1	45.68	214.1	44.10	207.1	42.52	193.4	39.47
	11	9.8	248.8	49.28	234.8	46.22	221.1	43.21	214.1	41.74	207.1	40.28	193.4	37.39
	13	11.8	248.8	46.38	234.8	43.55	221.1	40.74	214.1	39.39	207.1	38.01	193.4	35.35
	15	13.7	248.8	43.79	234.8	41.13	221.1	38.51	214.1	37.24	207.1	35.97	193.4	33.47
80	-30	-30.2	142.3	69.98	141.1	70.52	140.3	71.06	139.9	71.30	139.5	71.56	138.4	72.07
	-24.8	-25	164.9	74.15	163.7	74.76	162.6	75.34	162.1	75.61	161.4	75.88	160.6	76.45
	-21.8	-22	178.6	76.65	177.4	77.27	176.3	77.85	175.8	78.15	175.1	78.46	172.0	77.66
	-19.8	-20	188.4	78.31	187.2	78.96	186.0	79.58	185.3	79.89	184.1	79.83	172.0	73.63
	-18.8	-19	193.4	79.19	192.2	79.82	191.0	80.46	190.3	80.77	184.1	77.75	172.0	71.72
	-16.7	-17	203.6	80.93	202.4	81.59	196.6	79.49	190.3	76.57	184.1	73.69	172.0	67.98
	-15	-15.9	209.8	81.97	208.6	82.63	196.6	77.06	190.3	74.22	184.1	71.41	172.0	65.89
	-13.7	-15	215.4	82.91	208.7	80.39	196.6	74.72	190.3	71.93	184.1	69.17	172.0	63.79
	-11.8	-13	221.1	81.90	208.7	76.49	196.6	71.17	190.3	68.56	184.1	66.00	172.0	60.87
	-9.8	-11	221.1	77.52	208.7	72.41	196.6	67.45	190.3	64.99	184.1	62.56	172.0	57.82
	-9.5	-10	221.1	75.54	208.7	70.58	196.6	65.75	190.3	63.37	184.1	61.02	172.0	56.41
	-8.5	-9.1	221.1	73.67	208.7	68.84	196.6	64.14	190.3	61.83	184.1	59.53	172.0	55.03
	-7	-7.6	221.1	70.63	208.7	66.04	196.6	61.54	190.3	59.35	184.1	57.16	172.0	52.84
	-5	-5.6	221.1	66.76	208.7	62.46	196.6	58.24	190.3	56.17	184.1	54.11	172.0	50.06
	-3	-3.7	221.1	63.26	208.7	59.20	196.6	55.22	190.3	53.28	184.1	51.36	172.0	47.56
	0	-0.7	221.1	58.15	208.7	54.46	196.6	50.85	190.3	49.09	184.1	47.32	172.0	43.87
	3	2.2	221.1	53.66	208.7	50.29	196.6	47.03	190.3	45.40	184.1	43.78	172.0	40.65
	5	4.1	221.1	50.94	208.7	47.79	196.6	44.69	190.3	43.15	184.1	41.64	172.0	38.67
	7	6	221.1	48.25	208.7	45.27	196.6	42.37	190.3	40.94	184.1	39.51	172.0	36.70
	9	7.9	221.1	45.68	208.7	42.87	196.6	40.16	190.3	38.81	184.1	37.47	172.0	34.85
	11	9.8	221.1	43.21	208.7	40.59	196.6	38.04	190.3	36.78	184.1	35.51	172.0	33.05
	13	11.8	221.1	40.74	208.7	38.31	196.6	35.93	190.3	34.74	184.1	33.58	172.0	31.29
	15	13.7	221.1	38.51	208.7	36.24	196.6	34.01	190.3	32.90	184.1	31.82	172.0	29.65
70	-30	-30.2	140.7	70.83	139.9	71.33	138.8	71.84	138.4	72.10	138.0	72.37	137.1	72.83

36. ARUM780LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	162.6	75.23	161.8	75.80	160.6	76.34	160.2	76.61	159.8	76.88	150.5	72.00
	-21.8	-22	176.3	77.88	175.1	78.46	172.0	77.66	166.5	74.82	161.1	72.02	150.5	66.54
	-19.8	-20	186.0	79.66	182.9	79.08	172.0	73.63	166.5	70.96	161.1	68.32	150.5	63.13
	-18.8	-19	190.7	80.58	182.9	76.97	172.0	71.72	166.5	69.12	161.1	66.56	150.5	61.50
	-16.7	-17	193.4	78.03	182.9	72.95	172.0	67.98	166.5	65.55	161.1	63.12	150.5	58.37
	-15	-15.9	193.4	75.64	182.9	70.71	172.0	65.89	166.5	63.50	161.1	61.12	150.5	56.46
	-13.7	-15	193.4	73.34	182.9	68.50	172.0	63.80	166.5	61.48	161.1	59.18	150.5	54.68
	-11.8	-13	193.4	69.86	182.9	65.33	172.0	60.87	166.5	58.64	161.1	56.49	150.5	52.20
	-9.8	-11	193.4	66.21	182.9	61.97	172.0	57.82	166.5	55.75	161.1	53.74	150.5	49.72
	-9.5	-10	193.4	64.55	182.9	60.43	172.0	56.41	166.5	54.42	161.1	52.43	150.5	48.58
	-8.5	-9.1	193.4	62.97	182.9	58.97	172.0	55.03	166.5	53.09	161.1	51.18	150.5	47.41
	-7	-7.6	193.4	60.44	182.9	56.62	172.0	52.84	166.5	51.01	161.1	49.18	150.5	45.57
	-5	-5.6	193.4	57.19	182.9	53.60	172.0	50.09	166.5	48.35	161.1	46.64	150.5	43.24
	-3	-3.7	193.4	54.25	182.9	50.87	172.0	47.56	166.5	45.93	161.1	44.31	150.5	41.10
	0	-0.7	193.4	49.95	182.9	46.89	172.0	43.87	166.5	42.39	161.1	40.92	150.5	38.00
	3	2.2	193.4	46.21	182.9	43.39	172.0	40.65	166.5	39.30	161.1	37.95	150.5	35.29
	5	4.1	193.4	43.92	182.9	41.26	172.0	38.67	166.5	37.36	161.1	36.10	150.5	33.60
	7	6	193.4	41.64	182.9	39.16	172.0	36.70	166.5	35.51	161.1	34.29	150.5	31.94
	9	7.9	193.4	39.47	182.9	37.13	172.0	34.85	166.5	33.71	161.1	32.59	150.5	30.37
	11	9.8	193.4	37.39	182.9	35.20	172.0	33.05	166.5	32.01	161.1	30.94	150.5	28.88
	13	11.8	193.4	35.35	182.9	33.28	172.0	31.29	166.5	30.29	161.1	29.30	150.5	27.35
	15	13.7	193.4	33.47	182.9	31.55	172.0	29.65	166.5	28.73	161.1	27.81	150.5	25.98
60	-30	-30.2	138.7	71.90	137.9	72.41	137.1	72.87	136.4	73.14	136.0	73.37	129.1	69.22
	-24.8	-25	160.2	76.61	156.7	75.40	147.4	70.30	142.8	67.81	138.1	65.33	129.1	60.42
	-21.8	-22	165.8	74.42	156.7	69.65	147.4	65.00	142.8	62.68	138.1	60.41	129.1	55.90
	-19.8	-20	165.8	70.60	156.7	66.10	147.4	61.67	142.8	59.51	138.1	57.36	129.1	53.10
	-18.8	-19	165.8	68.76	156.7	64.37	147.4	60.09	142.8	57.97	138.1	55.89	129.1	51.75
	-16.7	-17	165.8	65.19	156.7	61.07	147.4	57.01	142.8	55.01	138.1	53.05	129.1	49.16
	-15	-15.9	165.8	63.15	156.7	59.12	147.4	55.17	142.8	53.22	138.1	51.30	129.1	47.49
	-13.7	-15	165.8	61.17	156.7	57.26	147.4	53.43	142.8	51.56	138.1	49.69	129.1	46.04
	-11.8	-13	165.8	58.33	156.7	54.62	147.4	51.00	142.8	49.21	138.1	47.45	129.1	43.96
	-9.8	-11	165.8	55.47	156.7	52.02	147.4	48.56	142.8	46.86	138.1	45.19	129.1	41.89
	-9.5	-10	165.8	54.11	156.7	50.76	147.4	47.49	142.8	45.86	138.1	44.24	129.1	41.09
	-8.5	-9.1	165.8	52.82	156.7	49.55	147.4	46.36	142.8	44.77	138.1	43.22	129.1	40.13
	-7	-7.6	165.8	50.74	156.7	47.63	147.4	44.57	142.8	43.06	138.1	41.58	129.1	38.61
	-5	-5.6	165.8	48.08	156.7	45.17	147.4	42.30	142.8	40.87	138.1	39.48	129.1	36.70
	-3	-3.7	165.8	45.70	156.7	42.92	147.4	40.21	142.8	38.89	138.1	37.55	129.1	34.93
	0	-0.7	165.8	42.17	156.7	39.66	147.4	37.19	142.8	35.96	138.1	34.76	129.1	32.38
	3	2.2	165.8	39.10	156.7	36.80	147.4	34.53	142.8	33.42	138.1	32.33	129.1	30.15
	5	4.1	165.8	37.21	156.7	35.02	147.4	32.90	142.8	31.83	138.1	30.80	129.1	28.73
	7	6	165.8	35.32	156.7	33.29	147.4	31.29	142.8	30.30	138.1	29.30	129.1	27.36
	9	7.9	165.8	33.55	156.7	31.63	147.4	29.76	142.8	28.81	138.1	27.89	129.1	26.06
	11	9.8	165.8	31.86	156.7	30.06	147.4	28.27	142.8	27.39	138.1	26.55	129.1	24.84
	13	11.8	165.8	30.14	156.7	28.46	147.4	26.82	142.8	25.98	138.1	25.18	129.1	23.58
	15	13.7	165.8	28.61	156.7	27.01	147.4	25.48	142.8	24.72	138.1	23.96	129.1	22.45
50	-30	-30.2	136.0	73.33	130.6	70.17	122.8	65.51	119.0	63.22	115.1	60.93	107.6	56.45
	-24.8	-25	138.1	65.33	130.6	61.24	122.8	57.23	119.0	55.24	115.1	53.28	107.6	49.41

36. ARUM780LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	138.1	60.41	130.6	56.65	122.8	52.97	119.0	51.16	115.1	49.37	107.6	45.82
	-19.8	-20	138.1	57.36	130.6	53.80	122.8	50.32	119.0	48.61	115.1	46.93	107.6	43.55
	-18.8	-19	138.1	55.89	130.6	52.45	122.8	49.06	119.0	47.39	115.1	45.75	107.6	42.48
	-16.7	-17	138.1	53.05	130.6	49.81	122.8	46.62	119.0	45.03	115.1	43.48	107.6	40.41
	-15	-15.9	138.1	51.30	130.6	48.12	122.8	45.04	119.0	43.49	115.1	41.98	107.6	39.00
	-13.7	-15	138.1	49.69	130.6	46.62	122.8	43.63	119.0	42.16	115.1	40.69	107.6	37.79
	-11.8	-13	138.1	47.45	130.6	44.54	122.8	41.68	119.0	40.28	115.1	38.89	107.6	36.15
	-9.8	-11	138.1	45.19	130.6	42.44	122.8	39.73	119.0	38.41	115.1	37.07	107.6	34.48
	-9.5	-10	138.1	44.24	130.6	41.60	122.8	39.01	119.0	37.73	115.1	36.46	107.6	33.95
	-8.5	-9.1	138.1	43.22	130.6	40.66	122.8	38.11	119.0	36.88	115.1	35.64	107.6	33.18
	-7	-7.6	138.1	41.58	130.6	39.11	122.8	36.68	119.0	35.49	115.1	34.33	107.6	31.98
	-5	-5.6	138.1	39.48	130.6	37.17	122.8	34.86	119.0	33.75	115.1	32.63	107.6	30.44
	-3	-3.7	138.1	37.55	130.6	35.39	122.8	33.24	119.0	32.16	115.1	31.12	107.6	29.05
	0	-0.7	138.1	34.76	130.6	32.77	122.8	30.81	119.0	29.85	115.1	28.90	107.6	26.99
	3	2.2	138.1	32.34	130.6	30.50	122.8	28.70	119.0	27.82	115.1	26.94	107.6	25.22
	5	4.1	138.1	30.80	130.6	29.08	122.8	27.39	119.0	26.55	115.1	25.72	107.6	24.08
	7	6	138.1	29.30	130.6	27.70	122.8	26.10	119.0	25.30	115.1	24.54	107.6	22.98
	9	7.9	138.1	27.89	130.6	26.36	122.8	24.88	119.0	24.12	115.1	23.40	107.6	21.95
	11	9.8	138.1	26.55	130.6	25.11	122.8	23.70	119.0	23.01	115.1	22.33	107.6	20.97
	13	11.8	138.1	25.18	130.6	23.85	122.8	22.52	119.0	21.88	115.1	21.23	107.6	19.95
	15	13.7	138.1	23.96	130.6	22.71	122.8	21.46	119.0	20.86	115.1	20.25	107.6	19.04

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

36. ARUM780LTE6

36.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	146.6	67.64	145.4	68.21	144.3	68.79	143.8	69.06	143.4	69.37	142.3	69.91
	-24.8	-25	170.4	71.11	169.2	71.76	168.1	72.38	167.3	72.69	166.9	73.03	165.7	73.65
	-21.8	-22	185.3	73.11	184.1	73.80	182.9	74.46	182.1	74.81	181.7	75.12	180.2	75.77
	-19.8	-20	195.8	74.46	194.6	75.16	193.1	75.85	192.3	76.20	191.9	76.54	190.7	77.23
	-18.8	-19	201.3	75.12	199.8	75.85	198.5	76.58	197.8	76.92	197.0	77.27	195.8	77.93
	-16.7	-17	212.3	76.50	211.1	77.24	209.5	77.97	208.7	78.35	208.3	78.70	206.7	79.40
	-15	-15.9	219.3	77.28	217.7	78.05	216.1	78.81	215.4	79.16	214.6	79.54	213.4	80.24
	-13.7	-15	224.9	77.98	223.3	78.75	222.1	79.52	221.3	79.90	220.5	80.29	219.3	81.02
	-11.8	-13	236.5	79.32	234.9	80.12	233.4	80.90	232.6	81.28	231.8	81.67	230.2	82.43
	-9.8	-11	249.4	80.74	247.5	81.55	245.9	82.36	245.1	82.74	244.3	83.13	242.7	83.90
	-9.5	-10	255.3	81.39	253.7	82.21	252.1	83.05	251.3	83.44	250.2	83.86	248.6	84.63
	-8.5	-9.1	261.5	82.05	259.6	82.89	257.9	83.71	257.1	84.13	256.3	84.52	254.4	85.32
	-7	-7.6	271.7	83.13	270.0	84.01	268.1	84.86	267.3	85.25	266.2	85.67	264.5	86.48
	-5	-5.6	286.1	84.63	284.1	85.51	282.1	86.36	281.3	86.79	280.2	87.21	278.2	88.05
	-3	-3.7	300.2	86.05	298.2	86.97	296.2	87.86	295.1	88.29	294.2	88.74	279.6	83.70
	0	-0.7	323.6	88.39	321.2	89.32	319.1	90.20	309.3	86.85	299.5	83.42	279.6	76.66
	3	2.2	346.9	90.66	339.3	89.37	319.4	82.88	309.3	79.73	299.5	76.60	279.6	70.48
	5	4.1	340.1	82.84	319.8	76.83	299.9	70.99	289.8	68.13	279.6	65.32	259.3	59.78
	7	6	320.2	70.98	299.9	65.54	279.6	60.27	269.5	57.67	259.0	55.14	238.7	50.13
	9	7.9	299.9	60.12	279.3	55.30	258.6	50.56	248.4	48.27	237.9	45.99	217.2	41.51
	11	9.8	278.8	50.42	258.2	46.15	237.1	41.98	226.6	39.93	216.1	37.89	195.0	33.93
	13	11.8	257.0	41.69	236.0	37.94	214.9	34.29	204.3	32.49	193.8	30.72	172.0	27.24
	15	13.7	234.4	34.15	213.3	30.89	191.9	27.68	181.0	26.11	170.4	24.58	148.6	21.54
120	-30	-30.2	145.8	67.95	144.7	68.52	143.8	69.10	143.4	69.37	142.7	69.64	141.9	70.21
	-24.8	-25	169.6	71.53	168.5	72.15	167.3	72.80	166.5	73.11	166.1	73.42	164.9	74.03
	-21.8	-22	184.5	73.61	183.3	74.27	181.8	74.93	181.3	75.27	180.6	75.58	179.4	76.23
	-19.8	-20	194.7	75.00	193.5	75.69	192.3	76.39	191.5	76.73	190.8	77.04	189.6	77.73
	-18.8	-19	200.1	75.69	198.9	76.39	197.4	77.12	196.6	77.46	196.2	77.78	194.7	78.47
	-16.7	-17	211.1	77.12	209.9	77.85	208.3	78.58	207.6	78.93	207.1	79.28	205.6	79.97
	-15	-15.9	217.7	77.93	216.5	78.70	214.9	79.43	214.2	79.78	213.4	80.16	212.2	80.86
	-13.7	-15	223.7	78.67	222.1	79.44	220.9	80.18	220.1	80.56	219.3	80.91	218.1	81.64
	-11.8	-13	235.3	80.05	233.7	80.85	232.1	81.62	231.3	81.98	230.6	82.36	229.0	83.09
	-9.8	-11	247.8	81.55	245.9	82.35	244.3	83.13	243.5	83.52	242.7	83.90	241.1	84.67
	-9.5	-10	253.7	82.24	252.1	83.05	250.1	83.86	249.3	84.25	248.6	84.63	247.0	85.40
	-8.5	-9.1	259.5	82.93	257.9	83.75	256.0	84.55	255.2	84.94	254.4	85.36	252.8	86.13
	-7	-7.6	269.7	84.09	268.1	84.90	266.1	85.75	265.3	86.14	264.5	86.55	257.8	85.03
	-5	-5.6	283.7	85.63	281.8	86.51	279.8	87.36	279.0	87.75	276.5	87.35	257.8	80.27
	-3	-3.7	297.8	87.17	295.8	88.05	293.8	88.91	285.5	85.99	276.5	82.60	257.8	75.95
	0	-0.7	320.4	89.63	313.2	88.19	294.8	81.85	285.5	78.71	276.5	75.64	257.8	69.64
	3	2.2	331.5	86.85	313.2	80.95	294.8	75.18	285.5	72.36	276.5	69.58	257.8	64.11
	5	4.1	313.9	75.07	295.3	69.73	276.9	64.50	267.5	61.96	258.2	59.43	239.4	54.49
	7	6	295.6	64.41	276.9	59.58	258.2	54.87	248.8	52.54	239.1	50.28	220.3	45.79
	9	7.9	276.9	54.68	257.8	50.37	238.7	46.15	229.3	44.09	219.6	42.05	200.5	38.04
	11	9.8	257.4	46.00	238.3	42.17	218.8	38.43	209.4	36.58	199.7	34.77	180.2	31.21
	13	11.8	237.1	38.14	218.0	34.79	198.5	31.49	188.7	29.88	178.7	28.28	158.8	25.15

36. ARUM780LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	216.4	31.35	196.9	28.40	177.1	25.54	167.3	24.13	157.2	22.75	136.9	19.99
110	-30	-30.2	145.1	68.33	144.2	68.91	143.1	69.45	142.7	69.75	142.2	70.02	141.1	70.56
	-24.8	-25	168.8	72.03	167.6	72.65	166.5	73.26	165.7	73.57	165.3	73.88	164.1	74.46
	-21.8	-22	183.3	74.19	182.1	74.84	180.9	75.50	180.2	75.81	179.7	76.12	178.6	76.77
	-19.8	-20	193.5	75.62	192.3	76.31	191.1	76.97	190.3	77.31	189.9	77.65	188.4	78.28
	-18.8	-19	198.9	76.35	197.4	77.04	196.2	77.74	195.4	78.08	195.0	78.39	193.8	79.08
	-16.7	-17	209.9	77.85	208.3	78.55	207.1	79.27	206.3	79.62	205.6	79.97	204.4	80.63
	-15	-15.9	216.2	78.70	214.9	79.43	213.4	80.16	212.6	80.51	212.2	80.86	210.6	81.55
	-13.7	-15	222.1	79.45	220.6	80.22	219.3	80.95	218.6	81.33	217.8	81.68	216.6	82.38
	-11.8	-13	233.4	80.93	231.8	81.70	230.2	82.44	229.4	82.82	229.0	83.17	227.4	83.90
	-9.8	-11	245.8	82.48	243.9	83.28	242.3	84.05	241.5	84.40	240.7	84.79	236.4	84.03
	-9.5	-10	251.7	83.21	250.1	84.01	248.2	84.79	247.4	85.17	246.6	85.55	236.4	81.88
	-8.5	-9.1	257.5	83.94	255.6	84.75	254.0	85.52	253.2	85.94	252.4	86.29	236.4	79.81
	-7	-7.6	267.3	85.17	265.7	85.98	263.8	86.79	261.7	86.57	253.5	83.17	236.4	76.52
	-5	-5.6	281.0	86.82	279.4	87.67	270.3	84.96	261.7	81.72	253.5	78.54	236.4	72.29
	-3	-3.7	295.0	88.44	287.1	86.57	270.3	80.36	261.7	77.33	253.5	74.31	236.4	68.46
	0	-0.7	304.2	85.00	287.1	79.25	270.3	73.64	261.7	70.89	253.5	68.16	236.4	62.84
	3	2.2	304.2	78.05	287.1	72.83	270.3	67.74	261.7	65.24	253.5	62.78	236.4	57.94
	5	4.1	287.8	67.59	270.7	62.86	253.5	58.26	245.3	56.00	236.7	53.75	219.5	49.36
	7	6	271.0	58.10	253.9	53.82	236.7	49.63	227.8	47.61	219.2	45.56	202.0	41.58
	9	7.9	253.9	49.44	236.4	45.61	218.8	41.89	210.2	40.04	201.3	38.23	183.7	34.65
	11	9.8	235.9	41.71	218.4	38.31	200.8	34.97	191.9	33.35	182.9	31.74	165.0	28.53
	13	11.8	217.3	34.71	199.7	31.72	181.8	28.80	172.8	27.35	163.8	25.94	145.8	23.13
	15	13.7	198.2	28.63	180.2	26.03	162.3	23.45	153.3	22.19	143.9	20.94	125.6	18.51
100	-30	-30.2	144.3	68.79	143.4	69.33	142.3	69.90	141.9	70.17	141.5	70.44	140.3	70.98
	-24.8	-25	167.7	72.61	166.5	73.22	165.3	73.84	164.9	74.11	164.2	74.42	163.3	75.00
	-21.8	-22	182.1	74.85	180.9	75.50	179.7	76.12	179.0	76.46	178.6	76.77	177.4	77.38
	-19.8	-20	192.3	76.35	190.8	77.04	189.6	77.70	189.1	78.01	188.4	78.35	187.2	78.97
	-18.8	-19	197.4	77.12	196.2	77.81	194.7	78.47	194.2	78.81	193.5	79.12	192.3	79.78
	-16.7	-17	208.3	78.70	206.7	79.39	205.5	80.08	204.8	80.43	204.0	80.74	202.8	81.40
	-15	-15.9	214.6	79.59	213.0	80.32	211.8	81.01	211.0	81.36	210.3	81.70	209.0	82.36
	-13.7	-15	220.2	80.41	218.9	81.14	217.7	81.87	217.0	82.22	216.2	82.57	214.9	83.21
	-11.8	-13	231.4	81.94	229.8	82.67	228.2	83.40	227.5	83.78	227.0	84.13	214.9	79.17
	-9.8	-11	243.4	83.59	241.9	84.36	240.3	85.09	237.9	84.70	230.4	81.42	214.9	74.96
	-9.5	-10	249.3	84.36	247.4	85.13	245.7	85.78	237.9	82.51	230.4	79.32	214.9	73.06
	-8.5	-9.1	254.8	85.13	253.2	85.91	245.7	83.60	237.9	80.44	230.4	77.33	214.9	71.24
	-7	-7.6	264.6	86.44	260.9	86.25	245.7	80.14	237.9	77.11	230.4	74.16	214.9	68.32
	-5	-5.6	276.5	87.35	260.9	81.45	245.7	75.67	237.9	72.87	230.4	70.06	214.9	64.61
	-3	-3.7	276.5	82.60	260.9	77.05	245.7	71.64	237.9	68.97	230.4	66.35	214.9	61.23
	0	-0.7	276.5	75.65	260.9	70.63	245.7	65.73	237.9	63.31	230.4	60.96	214.9	56.29
	3	2.2	276.5	69.58	260.9	65.01	245.7	60.56	237.9	58.37	230.4	56.20	214.9	51.96
	5	4.1	261.7	60.40	246.1	56.27	230.5	52.23	222.7	50.24	214.9	48.27	199.3	44.39
	7	6	246.5	52.00	230.9	48.27	214.9	44.59	207.1	42.81	199.3	41.00	183.7	37.49
	9	7.9	230.8	44.40	214.9	41.04	198.9	37.73	191.1	36.12	183.0	34.53	167.0	31.39
	11	9.8	214.5	37.55	198.5	34.58	182.5	31.63	174.3	30.21	166.2	28.76	150.1	25.97
	13	11.8	197.7	31.37	181.7	28.73	165.4	26.17	157.2	24.88	149.0	23.62	132.6	21.15
	15	13.7	180.2	26.00	163.8	23.67	147.5	21.43	139.2	20.33	131.0	19.20	114.2	17.04

36. ARUM780LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	143.4	69.33	142.3	69.87	141.5	70.41	141.1	70.68	140.3	70.95	139.5	71.45
	-24.8	-25	166.5	73.30	165.3	73.92	164.1	74.50	163.7	74.80	163.0	75.07	161.8	75.65
	-21.8	-22	180.6	75.65	179.4	76.27	178.2	76.92	177.5	77.23	177.0	77.51	175.9	78.12
	-19.8	-20	190.4	77.24	189.2	77.89	188.0	78.54	187.5	78.85	186.8	79.16	185.6	79.78
	-18.8	-19	195.8	78.05	194.2	78.73	193.0	79.36	192.3	79.70	191.8	80.01	190.7	80.62
	-16.7	-17	206.3	79.70	204.8	80.39	203.6	81.05	202.8	81.39	202.0	81.70	193.4	78.03
	-15	-15.9	212.6	80.66	211.0	81.36	209.8	82.05	209.0	82.36	207.1	82.11	193.4	75.64
	-13.7	-15	218.2	81.53	216.9	82.26	215.4	82.95	214.1	82.92	207.1	79.68	193.4	73.33
	-11.8	-13	229.0	83.13	227.4	83.86	221.1	81.89	214.1	78.85	207.1	75.82	193.4	69.86
	-9.8	-11	240.7	84.90	234.8	83.39	221.1	77.52	214.1	74.64	207.1	71.78	193.4	66.20
	-9.5	-10	246.2	85.71	234.8	81.24	221.1	75.54	214.1	72.74	207.1	69.96	193.4	64.55
	-8.5	-9.1	248.8	84.86	234.8	79.18	221.1	73.67	214.1	70.93	207.1	68.25	193.4	62.97
	-7	-7.6	248.8	81.36	234.8	75.93	221.1	70.63	214.1	68.04	207.1	65.49	193.4	60.44
	-5	-5.6	248.8	76.81	234.8	71.74	221.1	66.76	214.1	64.33	207.1	61.94	193.4	57.19
	-3	-3.7	248.8	72.70	234.8	67.95	221.1	63.26	214.1	60.96	207.1	58.69	193.4	54.25
	0	-0.7	248.8	66.71	234.8	62.37	221.1	58.15	214.1	56.06	207.1	53.99	193.4	49.95
	3	2.2	248.8	61.45	234.8	57.51	221.1	53.66	214.1	51.76	207.1	49.89	193.4	46.21
	5	4.1	235.5	53.47	221.5	49.90	207.5	46.40	200.5	44.66	193.5	42.96	179.4	39.57
	7	6	221.9	46.14	207.8	42.89	193.5	39.72	186.4	38.15	179.4	36.61	165.3	33.57
	9	7.9	207.5	39.50	193.4	36.61	179.0	33.73	172.0	32.35	164.9	30.93	150.5	28.18
	11	9.8	193.0	33.55	178.6	30.94	164.2	28.41	156.8	27.15	149.7	25.90	135.0	23.45
	13	11.8	177.9	28.16	163.4	25.86	148.9	23.59	141.5	22.48	134.1	21.38	119.3	19.22
	15	13.7	162.2	23.44	147.5	21.43	132.9	19.46	125.2	18.47	117.8	17.50	102.6	15.61
80	-30	-30.2	142.3	69.98	141.1	70.52	140.3	71.06	139.9	71.30	139.5	71.56	138.4	72.07
	-24.8	-25	164.9	74.15	163.7	74.76	162.6	75.34	162.1	75.61	161.4	75.88	160.6	76.45
	-21.8	-22	178.6	76.65	177.4	77.27	176.3	77.85	175.8	78.15	175.1	78.46	172.0	77.66
	-19.8	-20	188.4	78.31	187.2	78.96	186.0	79.58	185.3	79.89	184.1	79.83	172.0	73.63
	-18.8	-19	193.4	79.19	192.2	79.82	191.0	80.46	190.3	80.77	184.1	77.75	172.0	71.72
	-16.7	-17	203.6	80.93	202.4	81.59	196.6	79.49	190.3	76.57	184.1	73.69	172.0	67.98
	-15	-15.9	209.8	81.97	208.6	82.63	196.6	77.06	190.3	74.22	184.1	71.41	172.0	65.89
	-13.7	-15	215.4	82.91	208.7	80.39	196.6	74.72	190.3	71.93	184.1	69.17	172.0	63.79
	-11.8	-13	221.1	81.90	208.7	76.49	196.6	71.17	190.3	68.56	184.1	66.00	172.0	60.87
	-9.8	-11	221.1	77.52	208.7	72.41	196.6	67.45	190.3	64.99	184.1	62.56	172.0	57.82
	-9.5	-10	221.1	75.54	208.7	70.58	196.6	65.75	190.3	63.37	184.1	61.02	172.0	56.41
	-8.5	-9.1	221.1	73.67	208.7	68.84	196.6	64.14	190.3	61.83	184.1	59.53	172.0	55.03
	-7	-7.6	221.1	70.63	208.7	66.04	196.6	61.54	190.3	59.35	184.1	57.16	172.0	52.84
	-5	-5.6	221.1	66.76	208.7	62.46	196.6	58.24	190.3	56.17	184.1	54.11	172.0	50.06
	-3	-3.7	221.1	63.26	208.7	59.20	196.6	55.22	190.3	53.28	184.1	51.36	172.0	47.56
	0	-0.7	221.1	58.15	208.7	54.46	196.6	50.85	190.3	49.09	184.1	47.32	172.0	43.87
	3	2.2	221.1	53.66	208.7	50.29	196.6	47.03	190.3	45.40	184.1	43.78	172.0	40.65
	5	4.1	209.4	46.83	196.9	43.77	184.5	40.76	178.2	39.29	172.0	37.80	159.5	34.91
	7	6	197.0	40.53	184.5	37.76	172.0	35.03	165.8	33.68	159.5	32.34	146.7	29.74
	9	7.9	184.5	34.81	172.0	32.31	159.1	29.86	152.9	28.67	146.6	27.45	133.7	25.09
	11	9.8	171.6	29.68	158.7	27.46	145.9	25.28	139.6	24.18	133.0	23.12	120.1	20.99
	13	11.8	158.0	25.03	145.1	23.05	132.2	21.12	125.6	20.17	119.3	19.22	106.0	17.33
	15	13.7	144.3	20.97	131.1	19.23	118.1	17.53	111.5	16.70	104.9	15.84	91.30	14.19
70	-30	-30.2	140.7	70.83	139.9	71.33	138.8	71.84	138.4	72.10	138.0	72.37	137.1	72.83

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	162.6	75.23	161.8	75.80	160.6	76.34	160.2	76.61	159.8	76.88	150.5	72.00
	-21.8	-22	176.3	77.88	175.1	78.46	172.0	77.66	166.5	74.82	161.1	72.02	150.5	66.54
	-19.8	-20	186.0	79.66	182.9	79.08	172.0	73.63	166.5	70.96	161.1	68.32	150.5	63.13
	-18.8	-19	190.7	80.58	182.9	76.97	172.0	71.72	166.5	69.12	161.1	66.56	150.5	61.50
	-16.7	-17	193.4	78.03	182.9	72.95	172.0	67.98	166.5	65.55	161.1	63.12	150.5	58.37
	-15	-15.9	193.4	75.64	182.9	70.71	172.0	65.89	166.5	63.50	161.1	61.12	150.5	56.46
	-13.7	-15	193.4	73.34	182.9	68.50	172.0	63.80	166.5	61.48	161.1	59.18	150.5	54.68
	-11.8	-13	193.4	69.86	182.9	65.33	172.0	60.87	166.5	58.64	161.1	56.49	150.5	52.20
	-9.8	-11	193.4	66.21	182.9	61.97	172.0	57.82	166.5	55.75	161.1	53.74	150.5	49.72
	-9.5	-10	193.4	64.55	182.9	60.43	172.0	56.41	166.5	54.42	161.1	52.43	150.5	48.58
	-8.5	-9.1	193.4	62.97	182.9	58.97	172.0	55.03	166.5	53.09	161.1	51.18	150.5	47.41
	-7	-7.6	193.4	60.44	182.9	56.62	172.0	52.84	166.5	51.01	161.1	49.18	150.5	45.57
	-5	-5.6	193.4	57.19	182.9	53.60	172.0	50.09	166.5	48.35	161.1	46.64	150.5	43.24
	-3	-3.7	193.4	54.25	182.9	50.87	172.0	47.56	166.5	45.93	161.1	44.31	150.5	41.10
	0	-0.7	193.4	49.95	182.9	46.89	172.0	43.87	166.5	42.39	161.1	40.92	150.5	38.00
	3	2.2	193.4	46.21	182.9	43.39	172.0	40.65	166.5	39.30	161.1	37.95	150.5	35.29
	5	4.1	183.3	40.45	172.4	37.87	161.5	35.33	156.0	34.10	150.5	32.87	139.6	30.43
	7	6	172.4	35.11	161.5	32.80	150.5	30.50	145.1	29.36	139.6	28.25	128.3	26.04
	9	7.9	161.5	30.32	150.5	28.21	139.3	26.15	133.8	25.13	128.3	24.10	117.0	22.12
	11	9.8	150.1	25.97	138.9	24.10	127.9	22.24	122.1	21.33	116.6	20.42	104.9	18.61
	13	11.8	138.4	22.02	127.1	20.36	115.8	18.73	110.0	17.90	104.2	17.11	92.80	15.52
	15	13.7	126.3	18.59	114.7	17.12	103.3	15.65	97.50	14.94	91.70	14.26	79.90	12.84
60	-30	-30.2	138.7	71.90	137.9	72.41	137.1	72.87	136.4	73.14	136.0	73.37	129.1	69.22
	-24.8	-25	160.2	76.61	156.7	75.40	147.4	70.30	142.8	67.81	138.1	65.33	129.1	60.42
	-21.8	-22	165.8	74.42	156.7	69.65	147.4	65.00	142.8	62.68	138.1	60.41	129.1	55.90
	-19.8	-20	165.8	70.60	156.7	66.10	147.4	61.67	142.8	59.51	138.1	57.36	129.1	53.10
	-18.8	-19	165.8	68.76	156.7	64.37	147.4	60.09	142.8	57.97	138.1	55.89	129.1	51.75
	-16.7	-17	165.8	65.19	156.7	61.07	147.4	57.01	142.8	55.01	138.1	53.05	129.1	49.16
	-15	-15.9	165.8	63.15	156.7	59.12	147.4	55.17	142.8	53.22	138.1	51.30	129.1	47.49
	-13.7	-15	165.8	61.17	156.7	57.26	147.4	53.43	142.8	51.56	138.1	49.69	129.1	46.04
	-11.8	-13	165.8	58.33	156.7	54.62	147.4	51.00	142.8	49.21	138.1	47.45	129.1	43.96
	-9.8	-11	165.8	55.47	156.7	52.02	147.4	48.56	142.8	46.86	138.1	45.19	129.1	41.89
	-9.5	-10	165.8	54.11	156.7	50.76	147.4	47.49	142.8	45.86	138.1	44.24	129.1	41.09
	-8.5	-9.1	165.8	52.82	156.7	49.55	147.4	46.36	142.8	44.77	138.1	43.22	129.1	40.13
	-7	-7.6	165.8	50.74	156.7	47.63	147.4	44.57	142.8	43.06	138.1	41.58	129.1	38.61
	-5	-5.6	165.8	48.08	156.7	45.17	147.4	42.30	142.8	40.87	138.1	39.48	129.1	36.70
	-3	-3.7	165.8	45.70	156.7	42.92	147.4	40.21	142.8	38.89	138.1	37.55	129.1	34.93
	0	-0.7	165.8	42.17	156.7	39.66	147.4	37.19	142.8	35.96	138.1	34.76	129.1	32.38
	3	2.2	165.8	39.10	156.7	36.80	147.4	34.53	142.8	33.42	138.1	32.33	129.1	30.15
	5	4.1	156.8	34.33	147.8	32.22	138.4	30.15	133.8	29.12	129.1	28.13	119.7	26.11
	7	6	147.8	29.93	138.5	28.02	129.1	26.15	124.4	25.23	119.7	24.32	110.0	22.49
	9	7.9	138.4	25.97	129.1	24.25	119.4	22.54	114.7	21.71	110.0	20.87	100.2	19.24
	11	9.8	128.7	22.40	119.0	20.84	109.6	19.33	104.5	18.57	99.80	17.82	90.10	16.35
	13	11.8	118.6	19.14	108.8	17.75	99.10	16.39	94.40	15.72	89.30	15.07	79.50	13.73
	15	13.7	108.1	16.28	98.30	15.05	88.50	13.85	83.50	13.28	78.40	12.69	68.60	11.53
50	-30	-30.2	136.0	73.33	130.6	70.17	122.8	65.51	119.0	63.22	115.1	60.93	107.6	56.45
	-24.8	-25	138.1	65.33	130.6	61.24	122.8	57.23	119.0	55.24	115.1	53.28	107.6	49.41

36. ARUM780LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	138.1	60.41	130.6	56.65	122.8	52.97	119.0	51.16	115.1	49.37	107.6	45.82
	-19.8	-20	138.1	57.36	130.6	53.80	122.8	50.32	119.0	48.61	115.1	46.93	107.6	43.55
	-18.8	-19	138.1	55.89	130.6	52.45	122.8	49.06	119.0	47.39	115.1	45.75	107.6	42.48
	-16.7	-17	138.1	53.05	130.6	49.81	122.8	46.62	119.0	45.03	115.1	43.48	107.6	40.41
	-15	-15.9	138.1	51.30	130.6	48.12	122.8	45.04	119.0	43.49	115.1	41.98	107.6	39.00
	-13.7	-15	138.1	49.69	130.6	46.62	122.8	43.63	119.0	42.16	115.1	40.69	107.6	37.79
	-11.8	-13	138.1	47.45	130.6	44.54	122.8	41.68	119.0	40.28	115.1	38.89	107.6	36.15
	-9.8	-11	138.1	45.19	130.6	42.44	122.8	39.73	119.0	38.41	115.1	37.07	107.6	34.48
	-9.5	-10	138.1	44.24	130.6	41.60	122.8	39.01	119.0	37.73	115.1	36.46	107.6	33.95
	-8.5	-9.1	138.1	43.22	130.6	40.66	122.8	38.11	119.0	36.88	115.1	35.64	107.6	33.18
	-7	-7.6	138.1	41.58	130.6	39.11	122.8	36.68	119.0	35.49	115.1	34.33	107.6	31.98
	-5	-5.6	138.1	39.48	130.6	37.17	122.8	34.86	119.0	33.75	115.1	32.63	107.6	30.44
	-3	-3.7	138.1	37.55	130.6	35.39	122.8	33.24	119.0	32.16	115.1	31.12	107.6	29.05
	0	-0.7	138.1	34.76	130.6	32.77	122.8	30.81	119.0	29.85	115.1	28.90	107.6	26.99
	3	2.2	138.1	32.34	130.6	30.50	122.8	28.70	119.0	27.82	115.1	26.94	107.6	25.22
	5	4.1	130.7	28.51	123.2	26.83	115.4	25.19	111.5	24.39	107.6	23.56	99.80	21.97
	7	6	123.2	25.01	115.4	23.49	107.6	22.00	103.7	21.25	99.80	20.52	91.70	19.05
	9	7.9	115.4	21.82	107.6	20.46	99.50	19.10	95.50	18.45	91.60	17.77	83.50	16.45
	11	9.8	107.2	18.98	99.40	17.74	91.30	16.50	87.30	15.90	83.10	15.30	74.90	14.13
	13	11.8	98.70	16.35	90.80	15.26	82.70	14.18	78.40	13.62	74.50	13.09	66.30	12.05
	15	13.7	90.10	14.07	81.90	13.10	73.70	12.13	69.80	11.65	65.50	11.16	57.00	10.23

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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36.5 Capacity Correction Factor

36.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0
-60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-50	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-40	-	-	-	-	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-30	-	-	-	96.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-20	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0	79.0
-10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
-7.5	99.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
0	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
20	-	-	98.0	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
30	-	-	-	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	80.0
40	-	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
50	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
60	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0
110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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36.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

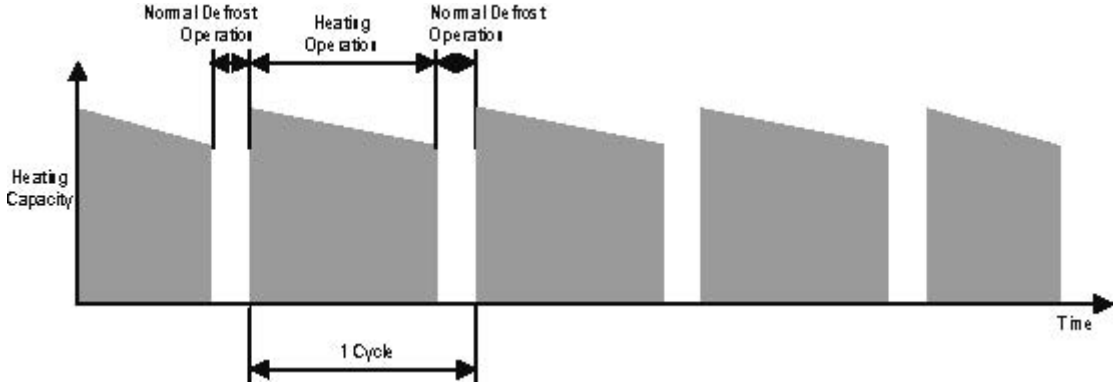
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

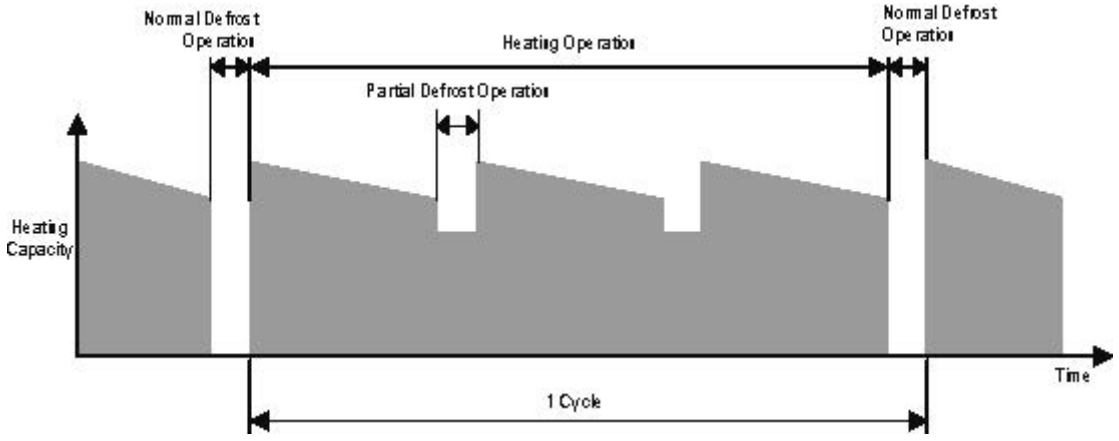
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

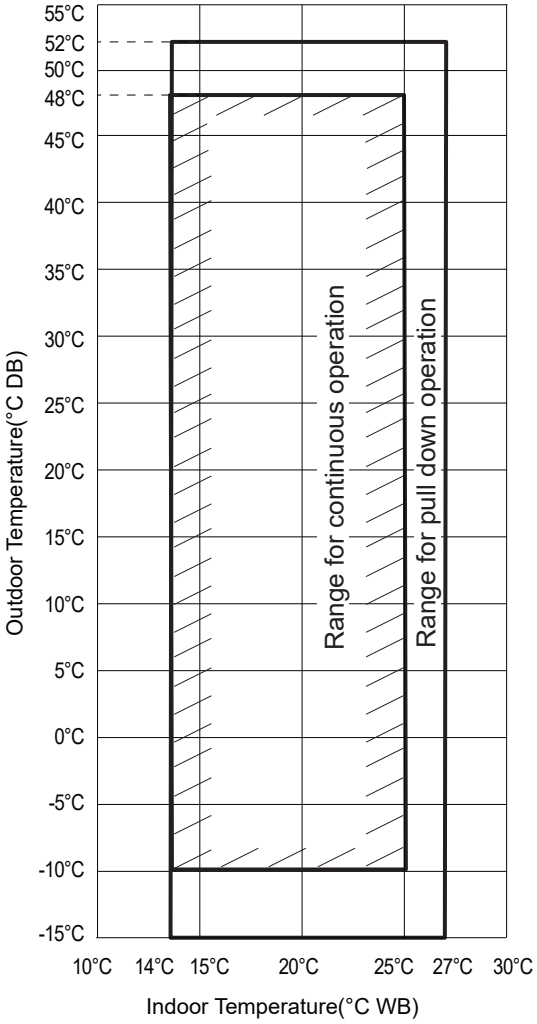


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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36.6 Operation Limits

36.6.1 Cooling

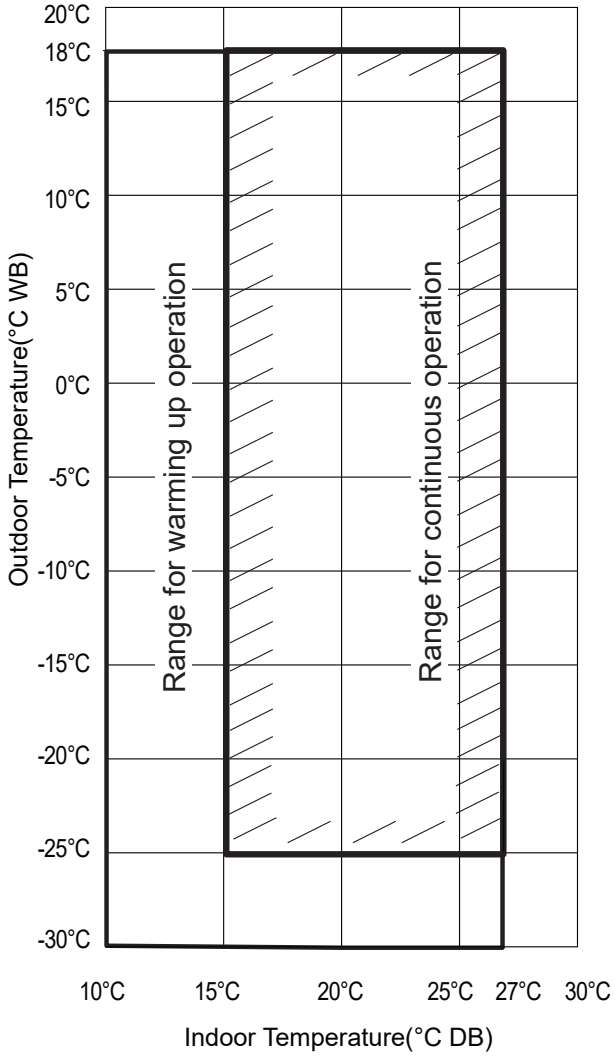


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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36.6.2 Heating

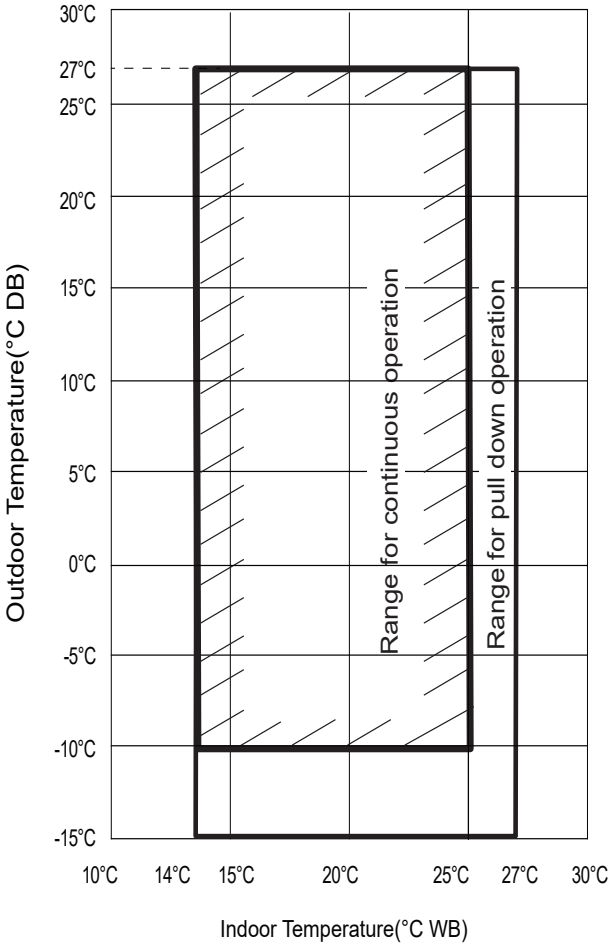


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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36.6.3 Simultaneous Operation (Cooling)

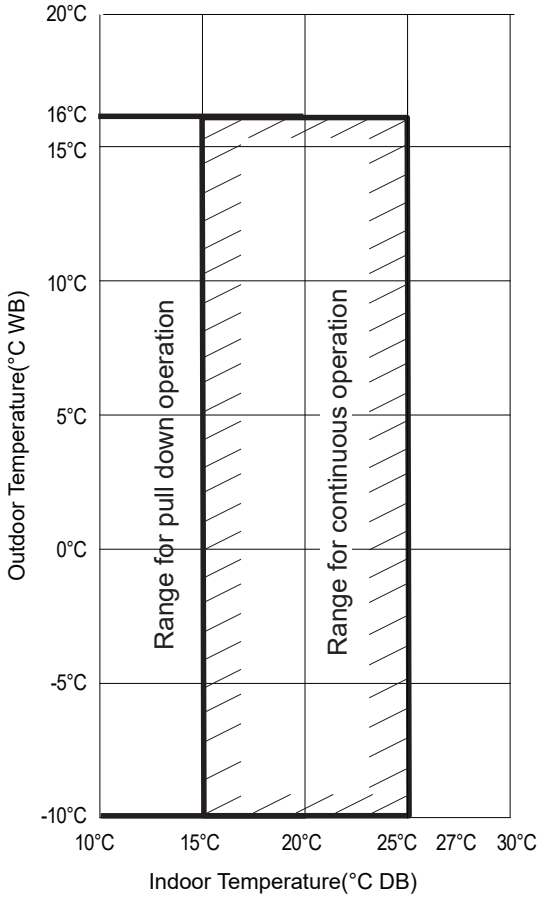


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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36.6.4 Simultaneous Operation (Heating)



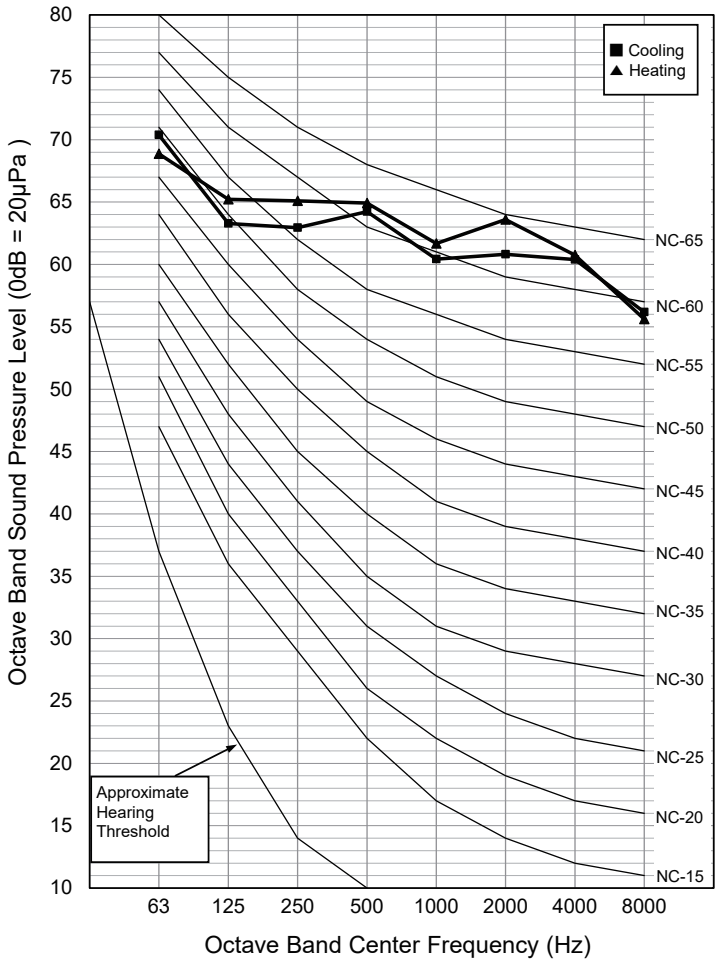
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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36.7 Sound Levels

36.7.1 Pressure Levels



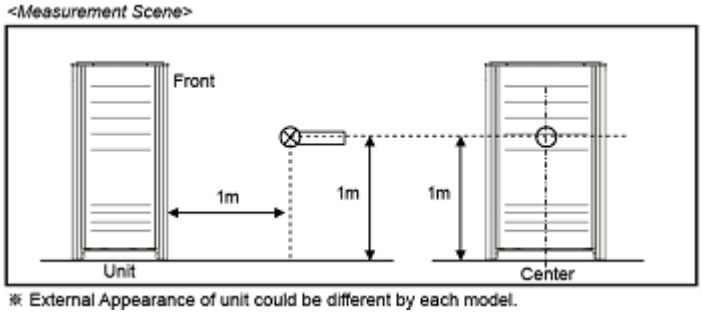
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	70.4	63.3	62.9	64.2	60.4	60.8	60.4	56.2
Heating[dB]	68.9	65.2	65.1	64.9	61.7	63.6	60.8	55.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	67.8 / 69.2

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

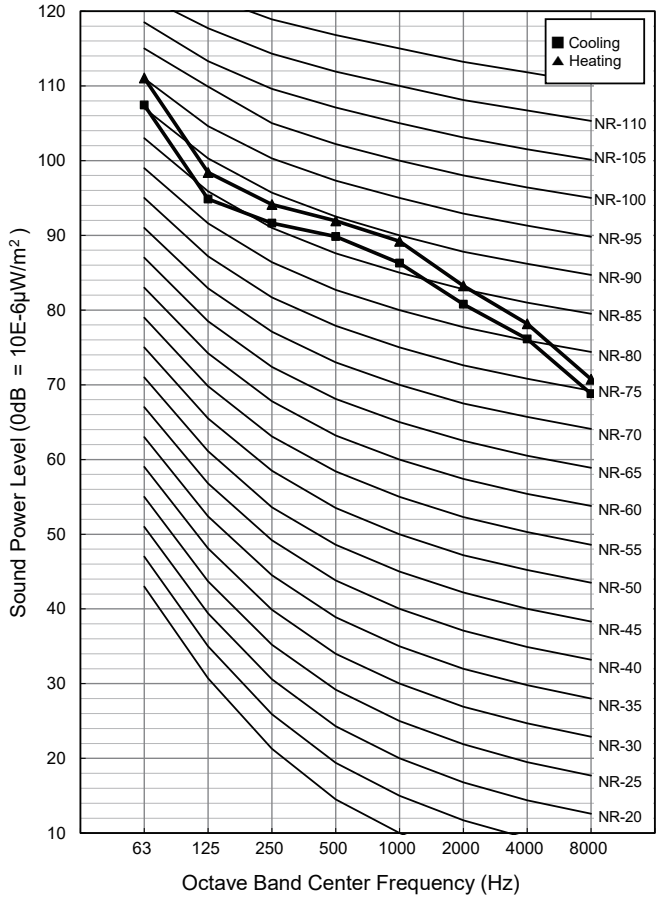
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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36.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.4	94.9	91.6	89.8	86.3	80.8	76.1	68.8
Heating[dB]	111.0	98.4	94.1	91.9	89.2	83.2	78.2	70.7

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.8 / 94.4

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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37.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXB + UXB + UXB + UXB
	Combination Unit (1)	-	ARUM200LTE6
	Combination Unit (2)	-	ARUM200LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM200LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	114.62 - 108.89 - 104.95
	Running Current by Voltage (Heating,Rated)	A	82.6 - 78.47 - 75.63
Cooling Capacity	Rated	kW	224.0
		Btu/h	764,300
Heating Capacity	Rated	kW	224.0
		Btu/h	764,300
	Max	kW	252.0
		Btu/h	859,900
Power Input(Cooling)	Rated	kW	70.16
Power Input(Heating)	Rated	kW	50.56
Efficiency	EER(Rated)	W/W	3.19
	COP(Rated)	W/W	4.43
	SEER	Wh/Wh	8.42
	SCOP	Wh/Wh	5.13
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(320 × 1) + (320 × 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(900 × 2) + (900 × 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8
	Motor Output	W x No.	5,300 x 8
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	4
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,240 x 1,745 x 760) x 4
	Shipping(W x H x D)	mm	(1,282 x 1,919 x 802) x 4
Weight	Net	kg	(300 x 1) + (300 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (310 x 1) + (310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	64.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	133.600
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	68.0 / 69.5
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	92.0 / 95.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	189.1
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	208.0
	Comp_Maximum Starting Current (MSC)	A	47.2
	Comp_Rated Load Amperes (Cooling)	A	104.6
	Comp_Rated Load Amperes (Heating)	A	72.6
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	10.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

37. ARUM800LTE6

37.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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37.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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37.4 Capacity Tables

37.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	174.8	17.64	220.8	24.48	270.4	35.56	291.2	41.60	314.4	49.52	334.4	56.04	350.0	61.00
	12	174.8	19.28	220.8	27.04	270.4	39.24	291.2	45.80	314.4	54.32	334.4	60.80	350.0	65.92
	14	174.8	21.12	220.8	29.84	270.4	43.28	291.2	50.40	314.4	59.44	334.4	66.00	350.0	71.24
	16	174.8	23.16	220.8	32.96	270.4	47.72	291.2	55.44	314.4	64.76	334.4	71.56	350.0	77.00
	18	174.8	25.44	220.8	36.40	270.4	52.56	291.2	60.96	314.4	70.48	334.4	76.96	350.0	81.40
	20	174.8	27.96	220.8	40.12	270.4	57.88	291.2	66.76	314.4	74.80	334.4	80.64	350.0	85.08
	21	174.8	29.32	220.8	42.16	270.4	60.56	291.2	68.76	314.4	76.68	334.4	82.56	350.0	87.00
	23	174.8	32.28	220.8	46.44	270.4	64.44	291.2	73.08	314.4	80.64	334.4	86.64	350.0	91.16
	25	174.8	35.48	220.8	49.88	270.4	68.56	291.2	77.44	314.4	84.88	334.4	91.08	350.0	95.72
	27	174.8	38.32	220.8	53.16	270.4	73.04	291.2	81.72	314.4	89.48	334.4	95.92	350.0	100.8
	29	174.8	40.88	220.8	56.68	270.4	77.84	291.2	86.32	314.4	94.44	334.4	101.2	350.0	106.4
	31	174.8	43.60	220.8	60.44	270.4	83.12	291.2	91.28	314.4	99.88	334.4	107.2	350.0	112.9
	33	174.8	46.52	220.8	64.48	270.4	88.56	291.2	96.64	314.4	105.9	330.8	112.5	330.8	112.6
	35	174.8	49.60	220.8	68.80	270.4	93.84	291.2	102.5	309.2	110.4	309.2	110.4	309.2	110.4
	37	174.8	52.92	220.8	73.48	270.4	99.60	288.0	107.7	288.4	107.8	288.0	107.8	288.0	107.7
	39	174.8	56.44	220.8	78.52	267.6	104.6	267.2	104.6	267.2	104.5	267.2	104.6	267.2	104.6
	41	174.8	60.20	220.8	84.04	247.6	101.2	247.2	101.2	247.2	101.1	246.8	101.0	247.2	101.2
	43	174.8	64.28	220.8	90.12	228.0	94.88	227.6	94.88	227.6	94.76	227.6	94.88	227.2	94.68
	46	174.8	70.92	200.4	86.04	200.0	85.96	200.0	86.04	200.0	85.92	199.6	85.80	200.0	86.00
	48	174.8	75.84	182.8	80.60	182.4	80.52	182.4	80.48	182.8	80.68	182.4	80.64	182.4	80.56
	50	166.8	75.96	166.4	75.84	166.0	75.68	166.0	75.80	166.0	75.68	165.6	75.60	165.6	75.60
	52	147.2	66.20	149.2	62.88	150.4	59.56	150.4	58.84	150.4	58.08	150.4	57.40	150.4	56.96
120	10	161.6	16.16	204.0	21.60	249.6	30.36	268.8	35.12	290.4	41.36	308.8	47.44	323.2	52.56
	12	161.6	17.56	204.0	23.80	249.6	33.56	268.8	38.80	290.4	45.56	308.8	52.12	323.2	57.20
	14	161.6	19.16	204.0	26.24	249.6	37.08	268.8	42.80	290.4	50.12	308.8	57.20	323.2	62.24
	16	161.6	20.92	204.0	28.92	249.6	40.92	268.8	47.16	290.4	55.12	308.8	62.76	323.2	67.68
	18	161.6	22.92	204.0	31.92	249.6	45.16	268.8	51.96	290.4	60.64	308.8	68.44	323.2	73.56
	20	161.6	25.12	204.0	35.20	249.6	49.76	268.8	57.24	290.4	66.44	308.8	73.04	323.2	77.32
	21	161.6	26.28	204.0	36.96	249.6	52.24	268.8	59.96	290.4	68.44	308.8	74.92	323.2	79.24
	23	161.6	28.88	204.0	40.72	249.6	56.52	268.8	63.80	290.4	72.76	308.8	78.88	323.2	83.28
	25	161.6	31.72	204.0	44.36	249.6	60.20	268.8	67.92	290.4	77.20	308.8	83.08	323.2	87.60
	27	161.6	34.60	204.0	47.32	249.6	64.12	268.8	72.32	290.4	81.48	308.8	87.56	323.2	92.28
	29	161.6	36.88	204.0	50.44	249.6	68.36	268.8	77.08	290.4	86.04	308.8	92.44	323.2	97.40
	31	161.6	39.32	204.0	53.80	249.6	72.92	268.8	82.28	290.4	90.96	308.8	97.76	323.2	103.0
	33	161.6	41.92	204.0	57.36	249.6	77.84	268.8	87.92	290.4	96.32	308.8	103.6	323.2	109.4
	35	161.6	44.72	204.0	61.20	249.6	83.20	268.8	93.16	290.4	102.2	308.8	110.2	309.6	110.6
	37	161.6	47.72	204.0	65.32	249.6	89.08	268.8	98.88	288.4	107.8	288.4	107.8	288.0	107.7
	39	161.6	50.88	204.0	69.72	249.6	95.64	267.6	104.7	267.6	104.6	267.2	104.6	267.2	104.5
	41	161.6	54.28	204.0	74.48	247.6	101.2	247.2	101.1	247.2	101.0	246.8	101.0	246.8	101.0
	43	161.6	57.92	204.0	79.68	228.0	94.96	228.0	94.88	227.6	94.76	227.6	94.80	227.6	94.88
	46	161.6	63.88	200.4	86.16	200.0	85.88	200.0	85.88	200.0	85.96	200.0	85.92	200.0	85.88
	48	161.6	68.20	182.8	80.56	182.8	80.64	182.8	80.72	182.4	80.60	182.4	80.56	182.4	80.44
	50	161.6	72.88	166.4	75.76	166.0	75.80	166.0	75.80	166.0	75.80	166.0	75.80	166.0	75.60
	52	146.8	67.52	148.4	64.24	150.4	60.92	150.4	60.28	150.4	59.52	150.4	58.92	150.4	58.60
110	10	148.0	14.92	186.8	19.16	228.8	25.96	246.4	29.64	266.0	34.44	282.8	39.12	296.0	43.20
	12	148.0	16.08	186.8	21.00	228.8	28.68	246.4	32.76	266.0	38.04	282.8	43.16	296.0	47.56
	14	148.0	17.44	186.8	23.08	228.8	31.68	246.4	36.20	266.0	41.96	282.8	47.52	296.0	52.28

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	148.0	18.92	186.8	25.40	228.8	35.00	246.4	39.96	266.0	46.28	282.8	52.32	296.0	57.48
	18	148.0	20.64	186.8	27.96	228.8	38.64	246.4	44.08	266.0	51.00	282.8	57.56	296.0	63.16
	20	148.0	22.52	186.8	30.76	228.8	42.60	246.4	48.60	266.0	56.16	282.8	63.32	296.0	68.80
	21	148.0	23.56	186.8	32.28	228.8	44.72	246.4	51.04	266.0	58.92	282.8	65.48	296.0	70.92
	23	148.0	25.80	186.8	35.56	228.8	49.32	246.4	55.36	266.0	62.80	282.8	69.60	296.0	75.00
	25	148.0	28.28	186.8	39.16	228.8	52.56	246.4	59.00	266.0	66.84	282.8	74.08	296.0	79.08
	27	148.0	31.00	186.8	41.88	228.8	56.04	246.4	62.84	266.0	71.16	282.8	78.88	296.0	83.44
	29	148.0	33.16	186.8	44.68	228.8	59.72	246.4	66.96	266.0	75.88	282.8	83.48	296.0	88.08
	31	148.0	35.32	186.8	47.64	228.8	63.68	246.4	71.44	266.0	80.96	282.8	88.28	296.0	93.16
	33	148.0	37.68	186.8	50.80	228.8	67.92	246.4	76.24	266.0	86.56	282.8	93.48	296.0	98.64
	35	148.0	40.16	186.8	54.20	228.8	72.52	246.4	81.48	266.0	92.12	282.8	99.12	296.0	104.7
	37	148.0	42.84	186.8	57.80	228.8	77.48	246.4	87.20	266.0	97.72	282.8	105.3	288.0	107.7
	39	148.0	45.72	186.8	61.68	228.8	82.88	246.4	93.56	266.0	103.9	267.2	104.5	267.6	104.6
	41	148.0	48.76	186.8	65.84	228.8	88.84	246.4	100.6	247.6	101.2	247.2	101.2	247.2	101.2
	43	148.0	52.04	186.8	70.32	228.0	94.80	228.0	95.00	228.0	94.92	227.6	94.80	227.6	94.80
	46	148.0	57.36	186.8	77.72	200.0	86.00	200.0	85.96	200.0	86.04	200.0	86.04	199.6	85.80
	48	148.0	61.20	182.8	80.68	182.8	80.72	182.8	80.72	182.8	80.64	182.4	80.64	182.4	80.60
	50	148.0	65.32	166.4	75.92	166.0	75.72	166.0	75.80	166.0	75.68	166.0	75.64	166.0	75.72
	52	146.0	68.28	147.2	65.88	149.6	62.56	150.0	61.92	150.4	61.24	149.6	60.68	150.4	59.84
100	10	134.4	13.80	170.0	17.08	208.0	22.24	224.0	25.04	242.0	28.64	257.2	32.20	269.2	35.28
	12	134.4	14.80	170.0	18.64	208.0	24.52	224.0	27.64	242.0	31.68	257.2	35.60	269.2	38.96
	14	134.4	15.92	170.0	20.36	208.0	27.04	224.0	30.56	242.0	35.00	257.2	39.28	269.2	42.96
	16	134.4	17.20	170.0	22.28	208.0	29.84	224.0	33.72	242.0	38.68	257.2	43.36	269.2	47.36
	18	134.4	18.60	170.0	24.44	208.0	32.92	224.0	37.24	242.0	42.68	257.2	47.80	269.2	52.20
	20	134.4	20.24	170.0	26.88	208.0	36.32	224.0	41.08	242.0	47.04	257.2	52.68	269.2	57.44
	21	134.4	21.08	170.0	28.16	208.0	38.12	224.0	43.12	242.0	49.40	257.2	55.28	269.2	60.20
	23	134.4	23.00	170.0	30.96	208.0	42.04	224.0	47.56	242.0	53.84	257.2	59.40	269.2	64.00
	25	134.4	25.16	170.0	34.04	208.0	45.64	224.0	50.92	242.0	57.32	257.2	63.24	269.2	68.12
	27	134.4	27.52	170.0	36.92	208.0	48.64	224.0	54.28	242.0	61.08	257.2	67.36	269.2	72.56
	29	134.4	29.68	170.0	39.36	208.0	51.88	224.0	57.84	242.0	65.12	257.2	71.80	269.2	77.36
	31	134.4	31.60	170.0	41.96	208.0	55.32	224.0	61.68	242.0	69.44	257.2	76.60	269.2	82.56
	33	134.4	33.68	170.0	44.76	208.0	59.00	224.0	65.80	242.0	74.08	257.2	81.80	269.2	88.16
	35	134.4	35.92	170.0	47.76	208.0	62.92	224.0	70.24	242.0	79.16	257.2	87.52	269.2	93.40
	37	134.4	38.28	170.0	50.92	208.0	67.16	224.0	75.00	242.0	84.68	257.2	93.84	269.2	99.12
	39	134.4	40.84	170.0	54.32	208.0	71.72	224.0	80.20	242.0	90.76	257.2	99.68	267.6	104.7
	41	134.4	43.60	170.0	57.96	208.0	76.64	224.0	85.88	242.0	97.52	247.2	101.1	247.6	101.2
	43	134.4	46.52	170.0	61.84	208.0	82.04	224.0	92.16	227.6	94.80	228.0	95.00	228.0	95.00
	46	134.4	51.28	170.0	68.24	200.0	85.96	200.4	86.00	200.4	86.04	200.4	86.08	200.0	85.88
	48	134.4	54.72	170.0	72.88	183.2	80.80	182.8	80.76	182.8	80.68	182.8	80.68	182.8	80.72
	50	134.4	58.40	166.4	75.76	166.4	75.76	166.4	75.76	166.0	75.68	166.0	75.68	166.0	75.68
	52	134.4	62.32	146.8	66.76	148.0	64.44	148.8	63.44	149.6	62.40	150.4	61.40	150.4	60.60
90	10	121.2	12.88	152.8	15.36	187.2	19.16	201.6	21.24	217.6	23.92	231.6	26.48	242.4	28.76
	12	121.2	13.68	152.8	16.60	187.2	21.04	201.6	23.40	217.6	26.40	231.6	29.28	242.4	31.80
	14	121.2	14.60	152.8	18.04	187.2	23.12	201.6	25.76	217.6	29.16	231.6	32.36	242.4	35.12
	16	121.2	15.64	152.8	19.64	187.2	25.44	201.6	28.40	217.6	32.16	231.6	35.76	242.4	38.80
	18	121.2	16.84	152.8	21.44	187.2	28.00	201.6	31.32	217.6	35.52	231.6	39.44	242.4	42.80
	20	121.2	18.16	152.8	23.44	187.2	30.84	201.6	34.52	217.6	39.16	231.6	43.52	242.4	47.20
	21	121.2	18.92	152.8	24.52	187.2	32.36	201.6	36.28	217.6	41.12	231.6	45.72	242.4	49.56
	23	121.2	20.52	152.8	26.88	187.2	35.64	201.6	39.96	217.6	45.36	231.6	50.28	242.4	53.96
	25	121.2	22.32	152.8	29.48	187.2	39.24	201.6	43.64	217.6	48.80	231.6	53.56	242.4	57.48
	27	121.2	24.36	152.8	32.36	187.2	41.96	201.6	46.52	217.6	52.04	231.6	57.08	242.4	61.24

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	121.2	26.48	152.8	34.48	187.2	44.76	201.6	49.60	217.6	55.48	231.6	60.84	242.4	65.28
	31	121.2	28.16	152.8	36.76	187.2	47.72	201.6	52.92	217.6	59.16	231.6	64.88	242.4	69.64
	33	121.2	29.96	152.8	39.20	187.2	50.88	201.6	56.44	217.6	63.12	231.6	69.20	242.4	74.32
	35	121.2	31.92	152.8	41.80	187.2	54.28	201.6	60.20	217.6	67.32	231.6	73.88	242.4	79.36
	37	121.2	34.04	152.8	44.56	187.2	57.92	201.6	64.20	217.6	71.88	231.6	78.96	242.4	84.92
	39	121.2	36.32	152.8	47.56	187.2	61.80	201.6	68.56	217.6	76.80	231.6	84.52	242.4	91.04
	41	121.2	38.76	152.8	50.72	187.2	65.96	201.6	73.24	217.6	82.20	231.6	90.60	242.4	97.84
	43	121.2	41.36	152.8	54.12	187.2	70.44	201.6	78.28	217.6	88.08	228.0	94.92	228.0	94.92
	46	121.2	45.60	152.8	59.64	187.2	77.84	200.4	86.12	200.4	86.04	200.0	86.00	200.4	86.08
	48	121.2	48.68	152.8	63.68	183.2	80.80	182.8	80.72	182.8	80.68	182.8	80.64	182.8	80.68
	50	121.2	51.96	152.8	68.00	166.4	75.92	166.4	75.92	166.4	75.84	166.4	75.84	166.4	75.80
	52	121.2	55.48	146.0	67.88	147.6	65.40	148.4	64.40	149.2	63.32	149.6	62.32	150.4	61.56
80	10	107.6	11.80	136.0	13.92	166.4	16.68	179.2	18.16	193.6	20.04	205.6	21.88	215.6	23.48
	12	107.6	12.76	136.0	14.92	166.4	18.16	179.2	19.88	193.6	22.04	205.6	24.12	215.6	25.92
	14	107.6	13.48	136.0	16.04	166.4	19.84	179.2	21.80	193.6	24.24	205.6	26.60	215.6	28.64
	16	107.6	14.32	136.0	17.36	166.4	21.72	179.2	23.92	193.6	26.72	205.6	29.36	215.6	31.60
	18	107.6	15.28	136.0	18.80	166.4	23.80	179.2	26.28	193.6	29.44	205.6	32.40	215.6	34.88
	20	107.6	16.36	136.0	20.44	166.4	26.08	179.2	28.92	193.6	32.44	205.6	35.72	215.6	38.48
	21	107.6	16.96	136.0	21.32	166.4	27.36	179.2	30.32	193.6	34.04	205.6	37.48	215.6	40.40
	23	107.6	18.32	136.0	23.28	166.4	30.04	179.2	33.40	193.6	37.52	205.6	41.32	215.6	44.52
	25	107.6	19.80	136.0	25.44	166.4	33.04	179.2	36.76	193.6	41.20	205.6	44.96	215.6	48.04
	27	107.6	21.52	136.0	27.84	166.4	35.92	179.2	39.56	193.6	43.96	205.6	47.96	215.6	51.24
	29	107.6	23.44	136.0	30.00	166.4	38.28	179.2	42.20	193.6	46.88	205.6	51.12	215.6	54.64
	31	107.6	24.96	136.0	31.96	166.4	40.84	179.2	45.00	193.6	50.00	205.6	54.52	215.6	58.24
	33	107.6	26.52	136.0	34.08	166.4	43.56	179.2	48.00	193.6	53.32	205.6	58.16	215.6	62.12
	35	107.6	28.24	136.0	36.32	166.4	46.44	179.2	51.16	193.6	56.88	205.6	62.00	215.6	66.28
	37	107.6	30.08	136.0	38.72	166.4	49.56	179.2	54.60	193.6	60.64	205.6	66.16	215.6	70.76
	39	107.6	32.08	136.0	41.32	166.4	52.84	179.2	58.24	193.6	64.72	205.6	70.68	215.6	75.60
	41	107.6	34.24	136.0	44.08	166.4	56.40	179.2	62.16	193.6	69.12	205.6	75.52	215.6	80.84
	43	107.6	36.56	136.0	47.04	166.4	60.16	179.2	66.32	193.6	73.84	205.6	80.76	215.6	86.60
	46	107.6	40.32	136.0	51.88	166.4	66.36	179.2	73.24	193.6	81.72	200.0	85.92	200.0	85.96
	48	107.6	43.08	136.0	55.36	166.4	70.88	179.2	78.32	182.8	80.68	182.8	80.60	182.8	80.60
	50	107.6	46.00	136.0	59.08	166.4	75.76	166.4	75.88	166.4	75.84	166.4	75.76	166.0	75.76
	52	107.6	49.12	136.0	63.04	146.8	66.72	147.6	65.68	148.4	64.56	148.8	63.52	149.6	62.76
70	10	94.40	9.76	118.8	12.76	145.6	14.68	156.8	15.72	169.2	17.00	180.0	18.28	188.4	19.36
	12	94.40	11.92	118.8	13.52	145.6	15.84	156.8	17.04	169.2	18.56	180.0	20.00	188.4	21.24
	14	94.40	12.48	118.8	14.40	145.6	17.12	156.8	18.52	169.2	20.28	180.0	21.92	188.4	23.36
	16	94.40	13.16	118.8	15.40	145.6	18.60	156.8	20.20	169.2	22.20	180.0	24.08	188.4	25.68
	18	94.40	13.92	118.8	16.56	145.6	20.24	156.8	22.08	169.2	24.36	180.0	26.48	188.4	28.28
	20	94.40	14.80	118.8	17.88	145.6	22.08	156.8	24.16	169.2	26.72	180.0	29.12	188.4	31.16
	21	94.40	15.28	118.8	18.60	145.6	23.08	156.8	25.28	169.2	28.04	180.0	30.56	188.4	32.68
	23	94.40	16.36	118.8	20.16	145.6	25.24	156.8	27.76	169.2	30.80	180.0	33.64	188.4	36.00
	25	94.40	17.56	118.8	21.92	145.6	27.68	156.8	30.44	169.2	33.88	180.0	37.04	188.4	39.64
	27	94.40	18.96	118.8	23.88	145.6	30.32	156.8	33.32	169.2	36.76	180.0	39.84	188.4	42.36
	29	94.40	20.56	118.8	26.00	145.6	32.48	156.8	35.52	169.2	39.16	180.0	42.48	188.4	45.20
	31	94.40	22.04	118.8	27.60	145.6	34.60	156.8	37.88	169.2	41.80	180.0	45.32	188.4	48.20
	33	94.40	23.36	118.8	29.40	145.6	36.88	156.8	40.40	169.2	44.56	180.0	48.32	188.4	51.40
	35	94.40	24.84	118.8	31.32	145.6	39.36	156.8	43.08	169.2	47.52	180.0	51.52	188.4	54.84
	37	94.40	26.44	118.8	33.36	145.6	41.96	156.8	45.96	169.2	50.72	180.0	54.96	188.4	58.48
	39	94.40	28.16	118.8	35.60	145.6	44.80	156.8	49.04	169.2	54.08	180.0	58.64	188.4	62.40
	41	94.40	30.04	118.8	38.00	145.6	47.76	156.8	52.32	169.2	57.72	180.0	62.60	188.4	66.60

37. ARUM800LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	94.40	32.08	118.8	40.56	145.6	50.96	156.8	55.80	169.2	61.56	180.0	66.80	188.4	71.12
	46	94.40	35.40	118.8	44.72	145.6	56.20	156.8	61.52	169.2	67.92	180.0	73.76	188.4	78.64
	48	94.40	37.84	118.8	47.76	145.6	59.96	156.8	65.68	169.2	72.56	180.0	78.92	183.2	80.76
	50	94.40	40.44	118.8	50.96	145.6	64.00	156.8	70.12	166.4	75.88	166.4	75.72	166.4	75.84
	52	94.40	43.20	118.8	54.40	145.6	68.32	146.4	67.36	147.2	66.20	148.0	65.16	148.4	64.36
60	10	80.80	7.68	102.0	10.88	124.8	13.12	134.4	13.80	145.2	14.64	154.4	15.48	161.6	16.20
	12	80.80	10.76	102.0	12.40	124.8	13.96	134.4	14.76	145.2	15.80	154.4	16.76	161.6	17.60
	14	80.80	11.24	102.0	13.04	124.8	14.92	134.4	15.88	145.2	17.08	154.4	18.20	161.6	19.16
	16	80.80	11.80	102.0	13.80	124.8	16.04	134.4	17.16	145.2	18.52	154.4	19.84	161.6	20.92
	18	80.80	12.44	102.0	14.68	124.8	17.28	134.4	18.56	145.2	20.16	154.4	21.68	161.6	22.92
	20	80.80	13.16	102.0	15.68	124.8	18.72	134.4	20.20	145.2	22.00	154.4	23.68	161.6	25.12
	21	80.80	13.56	102.0	16.24	124.8	19.48	134.4	21.04	145.2	23.00	154.4	24.80	161.6	26.32
	23	80.80	14.44	102.0	17.44	124.8	21.16	134.4	22.96	145.2	25.16	154.4	27.20	161.6	28.88
	25	80.80	15.44	102.0	18.84	124.8	23.08	134.4	25.08	145.2	27.56	154.4	29.84	161.6	31.72
	27	80.80	16.60	102.0	20.40	124.8	25.20	134.4	27.48	145.2	30.24	154.4	32.72	161.6	34.60
	29	80.80	17.92	102.0	22.16	124.8	27.32	134.4	29.64	145.2	32.40	154.4	34.88	161.6	36.88
	31	80.80	19.32	102.0	23.68	124.8	29.04	134.4	31.56	145.2	34.52	154.4	37.16	161.6	39.32
	33	80.80	20.44	102.0	25.16	124.8	30.92	134.4	33.60	145.2	36.80	154.4	39.64	161.6	41.96
	35	80.80	21.68	102.0	26.76	124.8	32.96	134.4	35.84	145.2	39.24	154.4	42.28	161.6	44.76
	37	80.80	23.04	102.0	28.48	124.8	35.16	134.4	38.20	145.2	41.84	154.4	45.08	161.6	47.72
	39	80.80	24.52	102.0	30.40	124.8	37.52	134.4	40.76	145.2	44.64	154.4	48.12	161.6	50.92
	41	80.80	26.16	102.0	32.40	124.8	40.04	134.4	43.52	145.2	47.64	154.4	51.32	161.6	54.32
	43	80.80	27.92	102.0	34.60	124.8	42.72	134.4	46.44	145.2	50.80	154.4	54.76	161.6	57.96
	46	80.80	30.84	102.0	38.20	124.8	47.12	134.4	51.16	145.2	56.00	154.4	60.36	161.6	63.92
	48	80.80	32.96	102.0	40.80	124.8	50.28	134.4	54.60	145.2	59.76	154.4	64.40	161.6	68.24
	50	80.80	35.24	102.0	43.60	124.8	53.64	134.4	58.28	145.2	63.80	154.4	68.80	161.6	72.92
	52	80.80	37.72	102.0	46.56	124.8	57.24	134.4	62.20	145.2	68.12	146.4	67.44	146.8	66.64
50	10	67.20	5.92	84.80	8.28	104.0	11.20	112.0	12.36	120.8	12.88	128.8	13.40	134.8	13.80
	12	67.20	9.36	84.80	11.12	104.0	12.52	112.0	13.04	120.8	13.68	128.8	14.28	134.8	14.80
	14	67.20	10.04	84.80	11.64	104.0	13.20	112.0	13.80	120.8	14.60	128.8	15.32	134.8	15.92
	16	67.20	10.48	84.80	12.24	104.0	13.96	112.0	14.72	120.8	15.64	128.8	16.48	134.8	17.20
	18	67.20	10.96	84.80	12.88	104.0	14.88	112.0	15.76	120.8	16.80	128.8	17.80	134.8	18.60
	20	67.20	11.52	84.80	13.68	104.0	15.92	112.0	16.92	120.8	18.16	128.8	19.28	134.8	20.24
	21	67.20	11.84	84.80	14.08	104.0	16.48	112.0	17.56	120.8	18.88	128.8	20.08	134.8	21.12
	23	67.20	12.56	84.80	15.04	104.0	17.76	112.0	19.00	120.8	20.48	128.8	21.88	134.8	23.04
	25	67.20	13.36	84.80	16.12	104.0	19.16	112.0	20.60	120.8	22.32	128.8	23.88	134.8	25.16
	27	67.20	14.28	84.80	17.36	104.0	20.80	112.0	22.40	120.8	24.32	128.8	26.08	134.8	27.52
	29	67.20	15.32	84.80	18.76	104.0	22.60	112.0	24.40	120.8	26.44	128.8	28.24	134.8	29.68
	31	67.20	16.48	84.80	20.20	104.0	24.12	112.0	25.96	120.8	28.12	128.8	30.04	134.8	31.60
	33	67.20	17.48	84.80	21.36	104.0	25.64	112.0	27.60	120.8	29.92	128.8	32.00	134.8	33.68
	35	67.20	18.48	84.80	22.64	104.0	27.28	112.0	29.40	120.8	31.88	128.8	34.12	134.8	35.92
	37	67.20	19.56	84.80	24.08	104.0	29.04	112.0	31.32	120.8	34.00	128.8	36.36	134.8	38.32
	39	67.20	20.80	84.80	25.64	104.0	30.96	112.0	33.40	120.8	36.28	128.8	38.80	134.8	40.88
	41	67.20	22.16	84.80	27.32	104.0	33.04	112.0	35.64	120.8	38.68	128.8	41.40	134.8	43.60
	43	67.20	23.64	84.80	29.16	104.0	35.28	112.0	38.04	120.8	41.32	128.8	44.20	134.8	46.52
	46	67.20	26.16	84.80	32.24	104.0	38.96	112.0	42.00	120.8	45.56	128.8	48.72	134.8	51.28
	48	67.20	28.08	84.80	34.44	104.0	41.60	112.0	44.84	120.8	48.60	128.8	52.00	134.8	54.72
	50	67.20	30.20	84.80	36.84	104.0	44.44	112.0	47.84	120.8	51.88	128.8	55.48	134.8	58.40
	52	67.20	32.52	84.80	39.40	104.0	47.44	112.0	51.08	120.8	55.40	128.8	59.20	134.8	62.36

37. ARUM800LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

37. ARUM800LTE6

37.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	47.60	3.20	76.40	5.12	108.4	7.32	116.0	7.88	123.6	8.44	131.6	9.04	140.0	9.80
	12	47.60	3.20	76.40	5.12	108.4	7.40	116.0	7.96	123.6	8.52	131.6	9.12	140.0	9.96
	14	47.60	3.20	76.40	5.16	108.4	7.52	116.0	8.08	123.6	8.68	131.6	9.32	140.0	10.20
	16	47.60	3.20	76.40	5.24	108.4	7.72	116.0	8.32	123.6	8.96	131.6	9.68	140.0	10.72
	18	47.60	3.24	76.40	5.40	108.4	8.12	116.0	8.84	123.6	9.60	131.6	10.48	140.0	11.80
	20	47.60	3.36	76.40	5.76	108.4	9.20	116.0	10.16	123.6	11.20	131.6	12.40	140.0	14.44
	21	54.00	4.24	82.40	7.36	114.0	12.44	121.6	13.12	129.2	13.88	136.8	14.68	144.4	15.92
	23	66.40	9.60	94.80	12.00	126.0	15.36	133.2	16.24	140.4	17.20	146.8	18.08	154.0	19.52
	25	79.60	11.92	107.2	14.92	138.4	19.28	144.8	20.36	152.0	21.52	157.2	22.48	163.6	24.16
	27	92.80	15.12	120.0	18.84	150.8	24.44	157.2	25.76	163.6	27.04	168.0	27.92	182.8	31.80
	29	106.4	19.44	132.8	23.80	163.6	30.12	169.6	31.48	176.0	32.96	186.4	35.56	216.0	44.76
	31	120.4	24.40	146.4	29.48	176.8	37.04	182.4	38.56	198.0	43.08	220.8	50.16	249.6	62.08
	33	134.8	30.60	160.0	36.52	190.0	45.56	209.2	51.96	232.8	60.72	254.8	69.68	282.8	85.40
	35	149.6	38.44	174.4	45.32	223.2	63.64	244.0	73.04	267.6	84.72	288.8	95.44	316.4	109.2
	37	149.6	41.04	174.4	48.40	223.2	67.96	244.0	78.04	267.6	90.80	288.8	101.4	294.8	106.2
	39	149.6	43.80	174.4	51.64	223.2	72.60	244.0	83.52	267.6	97.52	276.4	102.1	273.2	102.9
	41	149.6	46.76	174.4	55.12	223.2	77.64	244.0	89.56	255.6	96.72	255.6	96.76	252.4	98.04
	43	149.6	49.92	174.4	58.84	223.2	83.12	235.6	90.64	235.2	90.56	235.2	90.56	232.8	91.96
	46	149.6	55.04	174.4	64.88	207.2	82.44	207.2	82.44	206.8	82.32	207.2	82.44	204.4	83.36
	48	149.6	58.76	174.4	69.32	189.2	77.40	189.6	77.64	189.2	77.44	188.8	77.32	186.8	78.32
	50	149.6	62.72	172.4	72.88	172.0	72.80	172.0	72.92	172.0	72.84	171.6	72.72	169.6	73.68
	52	147.2	65.32	149.2	61.28	151.6	58.16	152.0	57.56	152.8	56.88	153.2	56.28	153.6	56.60
120	10	44.00	2.96	70.40	4.72	100.0	6.76	106.8	7.24	114.0	7.76	121.6	8.28	129.2	8.92
	12	44.00	2.96	70.40	4.72	100.0	6.80	106.8	7.32	114.0	7.80	121.6	8.36	129.2	9.04
	14	44.00	2.96	70.40	4.76	100.0	6.88	106.8	7.40	114.0	7.96	121.6	8.52	129.2	9.24
	16	44.00	2.96	70.40	4.80	100.0	7.04	106.8	7.60	114.0	8.16	121.6	8.80	129.2	9.64
	18	44.00	3.00	70.40	4.92	100.0	7.36	106.8	8.00	114.0	8.68	121.6	9.40	129.2	10.52
	20	44.00	3.08	70.40	5.20	100.0	8.20	106.8	9.04	114.0	9.92	121.6	10.92	129.2	12.80
	21	49.60	3.80	76.00	6.52	105.2	11.00	112.4	12.28	119.2	12.92	126.0	13.56	133.6	14.64
	23	61.60	9.16	87.20	11.28	116.4	14.24	122.8	14.96	129.6	15.80	135.6	16.56	142.0	17.80
	25	73.60	11.28	98.80	13.92	127.6	17.68	134.0	18.60	140.4	19.60	145.2	20.40	150.8	21.88
	27	85.60	14.12	110.8	17.40	139.2	22.20	145.2	23.32	151.2	24.52	155.2	25.36	168.8	28.76
	29	98.40	18.00	122.8	21.92	150.8	27.40	156.4	28.56	162.4	29.84	172.4	32.12	199.6	40.00
	31	111.2	22.56	135.2	26.96	163.2	33.48	168.4	34.80	182.8	38.68	203.6	44.76	230.4	54.96
	33	124.4	28.04	148.0	33.20	175.6	41.00	193.2	46.52	215.2	54.00	235.2	61.60	261.2	74.76
	35	138.0	35.00	160.8	40.96	206.0	56.72	225.2	64.64	247.2	74.40	266.4	84.08	292.0	98.76
	37	138.0	37.36	160.8	43.72	206.0	60.56	225.2	69.04	247.2	79.56	266.4	90.04	292.0	105.0
	39	138.0	39.88	160.8	46.68	206.0	64.64	225.2	73.76	247.2	85.16	266.4	96.72	273.2	102.9
	41	138.0	42.56	160.8	49.84	206.0	69.04	225.2	78.88	247.2	91.32	255.6	96.68	252.4	98.04
	43	138.0	45.44	160.8	53.20	206.0	73.76	225.2	84.48	235.6	90.60	235.6	90.60	232.8	91.80
	46	138.0	50.16	160.8	58.64	206.0	81.64	207.2	82.40	206.8	82.32	206.8	82.32	204.4	83.44
	48	138.0	53.52	160.8	62.60	189.2	77.52	189.2	77.52	189.2	77.44	188.8	77.28	186.8	78.40
	50	138.0	57.12	160.8	66.84	172.0	72.80	172.0	72.80	172.4	72.96	172.0	72.76	170.0	73.68
	52	138.0	61.00	148.4	62.56	150.8	59.44	151.2	58.80	151.6	58.16	152.0	57.68	152.4	58.12
110	10	40.40	2.68	64.80	4.32	91.60	6.16	98.00	6.60	104.4	7.08	111.2	7.56	118.4	8.12
	12	40.40	2.68	64.80	4.32	91.60	6.20	98.00	6.68	104.4	7.12	111.2	7.60	118.4	8.24
	14	40.40	2.68	64.80	4.36	91.60	6.28	98.00	6.72	104.4	7.24	111.2	7.72	118.4	8.36
	16	40.40	2.72	64.80	4.40	91.60	6.40	98.00	6.88	104.4	7.40	111.2	7.96	118.4	8.68
	18	40.40	2.72	64.80	4.48	91.60	6.64	98.00	7.20	104.4	7.80	111.2	8.40	118.4	9.36

37. ARUM800LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	40.40	2.76	64.80	4.68	91.60	7.28	98.00	8.00	104.4	8.76	111.2	9.60	118.4	11.08
	21	45.60	3.40	69.60	5.76	96.40	9.48	102.8	10.56	109.2	11.76	115.6	12.56	122.4	13.48
	23	56.40	8.76	80.00	10.64	106.8	13.20	112.8	13.84	118.8	14.52	124.4	15.12	130.4	16.24
	25	67.20	10.64	90.80	12.96	116.8	16.20	122.8	16.96	128.4	17.80	133.2	18.48	138.4	19.76
	27	78.40	13.16	101.6	16.04	127.6	20.12	132.8	21.08	138.4	22.08	142.4	22.80	154.8	25.88
	29	90.00	16.60	112.4	20.08	138.4	24.88	143.6	25.88	148.8	26.96	158.0	28.88	182.8	35.60
	31	102.0	20.80	124.0	24.56	149.6	30.20	154.4	31.32	167.6	34.64	186.8	39.80	211.2	48.40
	33	114.0	25.64	135.6	30.04	160.8	36.76	177.2	41.44	197.2	47.80	215.6	54.20	239.2	65.16
	35	126.4	31.76	147.6	36.88	188.8	50.32	206.4	57.00	226.4	65.12	244.4	73.04	267.6	87.40
	37	126.4	33.88	147.6	39.36	188.8	53.72	206.4	60.84	226.4	69.56	244.4	78.08	267.6	93.76
	39	126.4	36.16	147.6	42.04	188.8	57.32	206.4	64.96	226.4	74.32	244.4	83.56	267.6	100.2
	41	126.4	38.64	147.6	44.88	188.8	61.20	206.4	69.36	226.4	79.48	244.4	89.60	252.8	98.08
	43	126.4	41.24	147.6	47.92	188.8	65.32	206.4	74.16	226.4	85.12	235.6	90.60	232.8	91.84
	46	126.4	45.52	147.6	52.84	188.8	72.12	206.4	82.08	207.2	82.48	207.2	82.40	204.4	83.44
	48	126.4	48.60	147.6	56.40	188.8	77.12	189.2	77.32	189.2	77.48	189.2	77.36	186.8	78.28
	50	126.4	51.88	147.6	60.16	172.4	72.92	172.4	72.92	172.0	72.84	172.0	72.76	170.0	73.68
	52	126.4	55.40	147.6	64.16	149.6	60.96	150.0	60.36	150.4	59.68	149.6	59.12	151.6	59.12
100	10	36.80	2.44	58.80	3.92	83.20	5.60	89.20	6.00	95.20	6.40	101.2	6.84	107.6	7.36
	12	36.80	2.44	58.80	3.92	83.20	5.60	89.20	6.04	95.20	6.44	101.2	6.88	107.6	7.44
	14	36.80	2.44	58.80	3.92	83.20	5.68	89.20	6.08	95.20	6.52	101.2	6.96	107.6	7.52
	16	36.80	2.44	58.80	3.96	83.20	5.76	89.20	6.20	95.20	6.64	101.2	7.12	107.6	7.76
	18	36.80	2.48	58.80	4.04	83.20	5.92	89.20	6.44	95.20	6.92	101.2	7.48	107.6	8.24
	20	36.80	2.52	58.80	4.20	83.20	6.44	89.20	7.04	95.20	7.64	101.2	8.36	107.6	9.56
	21	41.60	3.04	63.60	5.04	88.00	8.12	93.60	9.00	99.20	9.96	105.2	10.96	111.2	12.44
	23	51.20	8.32	72.80	9.96	96.80	12.20	102.4	12.76	108.0	13.32	112.8	13.88	118.4	14.76
	25	61.20	10.00	82.40	12.04	106.4	14.80	111.6	15.48	116.8	16.16	121.2	16.72	125.6	17.80
	27	71.20	12.24	92.40	14.72	116.0	18.20	120.8	19.00	126.0	19.88	129.2	20.44	140.4	23.00
	29	82.00	15.28	102.4	18.28	125.6	22.48	130.4	23.32	135.2	24.28	143.6	25.88	166.4	31.52
	31	92.80	19.08	112.8	22.32	136.0	27.12	140.0	28.04	152.4	30.88	169.6	35.20	192.0	42.44
	33	103.6	23.36	123.2	27.12	146.4	32.80	160.8	36.76	179.2	42.08	196.0	47.44	217.6	56.56
	35	115.2	28.68	134.0	33.04	171.6	44.40	187.6	50.00	206.0	56.72	222.0	63.24	243.2	74.84
	37	115.2	30.60	134.0	35.28	171.6	47.40	187.6	53.36	206.0	60.56	222.0	67.52	243.2	80.04
	39	115.2	32.68	134.0	37.64	171.6	50.60	187.6	56.96	206.0	64.64	222.0	72.12	243.2	85.68
	41	115.2	34.88	134.0	40.20	171.6	54.00	187.6	60.80	206.0	69.04	222.0	77.12	243.2	91.92
	43	115.2	37.28	134.0	42.96	171.6	57.64	187.6	64.92	206.0	73.80	222.0	82.52	233.2	92.04
	46	115.2	41.16	134.0	47.40	171.6	63.56	187.6	71.64	206.0	81.68	207.2	82.48	204.4	83.32
	48	115.2	43.96	134.0	50.60	171.6	67.88	187.6	76.60	189.2	77.44	188.8	77.32	186.8	78.28
	50	115.2	46.96	134.0	54.00	171.6	72.48	172.4	72.88	172.0	72.84	172.4	72.96	169.6	73.56
	52	115.2	50.16	134.0	57.64	148.0	62.76	149.2	61.80	149.6	60.76	150.4	59.84	150.8	59.84
90	10	33.20	2.20	52.80	3.52	74.80	5.00	80.40	5.40	85.60	5.76	91.20	6.12	96.80	6.60
	12	33.20	2.20	52.80	3.52	74.80	5.04	80.40	5.40	85.60	5.76	91.20	6.16	96.80	6.64
	14	33.20	2.20	52.80	3.52	74.80	5.08	80.40	5.44	85.60	5.84	91.20	6.24	96.80	6.72
	16	33.20	2.20	52.80	3.56	74.80	5.12	80.40	5.52	85.60	5.92	91.20	6.36	96.80	6.88
	18	33.20	2.20	52.80	3.60	74.80	5.28	80.40	5.68	85.60	6.12	91.20	6.60	96.80	7.24
	20	33.20	2.24	52.80	3.72	74.80	5.60	80.40	6.12	85.60	6.64	91.20	7.24	96.80	8.20
	21	37.20	2.64	57.20	4.36	79.20	6.88	84.00	7.60	89.20	8.36	94.40	9.16	100.0	11.04
	23	46.00	7.92	65.60	9.36	87.20	11.28	92.00	11.76	97.20	12.24	101.6	12.68	106.4	13.48
	25	55.20	9.40	74.00	11.16	95.60	13.52	100.4	14.08	105.2	14.68	108.8	15.16	113.2	16.04
	27	64.40	11.36	82.80	13.48	104.4	16.44	108.8	17.12	113.2	17.80	116.4	18.28	126.4	20.44
	29	73.60	14.00	92.00	16.56	113.2	20.24	117.2	21.00	121.6	21.76	129.2	23.12	149.6	27.80
	31	83.20	17.40	101.2	20.24	122.4	24.24	126.0	25.04	137.2	27.36	152.8	30.96	172.8	36.96

37. ARUM800LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	93.20	21.24	110.8	24.36	131.6	29.12	144.8	32.44	161.2	36.84	176.4	41.24	196.0	48.72
	35	103.6	25.84	120.8	29.48	154.4	38.92	169.2	43.56	185.2	49.12	200.0	54.40	218.8	63.80
	37	103.6	27.52	120.8	31.44	154.4	41.56	169.2	46.52	185.2	52.40	200.0	58.08	218.8	68.12
	39	103.6	29.36	120.8	33.56	154.4	44.36	169.2	49.64	185.2	55.96	200.0	62.00	218.8	72.76
	41	103.6	31.36	120.8	35.84	154.4	47.36	169.2	53.00	185.2	59.72	200.0	66.20	218.8	77.80
	43	103.6	33.52	120.8	38.32	154.4	50.56	169.2	56.56	185.2	63.76	200.0	70.72	218.8	83.28
	46	103.6	37.04	120.8	42.28	154.4	55.76	169.2	62.36	185.2	70.36	200.0	78.16	204.8	83.48
	48	103.6	39.60	120.8	45.16	154.4	59.52	169.2	66.60	185.2	75.20	189.2	77.44	187.2	78.48
	50	103.6	42.32	120.8	48.24	154.4	63.52	169.2	71.12	172.0	72.80	172.0	72.88	170.0	73.76
	52	103.6	45.20	120.8	51.52	147.6	63.72	148.4	62.72	149.2	61.68	149.6	60.72	150.4	60.76
80	10	29.20	1.96	47.20	3.12	66.80	4.44	71.20	4.76	76.00	5.08	80.80	5.44	86.00	5.84
	12	29.20	1.96	47.20	3.12	66.80	4.44	71.20	4.80	76.00	5.12	80.80	5.44	86.00	5.88
	14	29.20	1.96	47.20	3.12	66.80	4.48	71.20	4.80	76.00	5.16	80.80	5.48	86.00	5.92
	16	29.20	1.96	47.20	3.12	66.80	4.52	71.20	4.88	76.00	5.20	80.80	5.56	86.00	6.04
	18	29.20	1.96	47.20	3.16	66.80	4.60	71.20	4.96	76.00	5.36	80.80	5.76	86.00	6.28
	20	29.20	1.96	47.20	3.24	66.80	4.84	71.20	5.28	76.00	5.72	80.80	6.20	86.00	6.96
	21	33.20	2.32	50.80	3.76	70.40	5.80	74.80	6.36	79.60	6.96	84.00	7.56	88.80	9.00
	23	40.80	7.52	58.40	8.76	77.60	10.40	82.00	10.80	86.40	11.20	90.40	11.56	94.80	12.24
	25	48.80	8.80	66.00	10.32	85.20	12.32	89.20	12.80	93.60	13.28	96.80	13.68	100.8	14.40
	27	57.20	10.52	73.60	12.32	92.80	14.80	96.80	15.36	100.8	15.92	103.6	16.32	112.4	18.08
	29	65.60	12.80	82.00	14.96	100.8	18.00	104.4	18.64	108.4	19.32	114.8	20.52	133.2	24.40
	31	74.00	15.76	90.00	18.20	108.8	21.60	112.0	22.24	122.0	24.16	136.0	27.08	153.6	31.96
	33	82.80	19.12	98.40	21.80	117.2	25.72	128.8	28.44	143.2	32.04	156.8	35.60	174.0	41.64
	35	92.00	23.16	107.2	26.16	137.2	33.92	150.4	37.68	164.8	42.16	177.6	46.44	194.4	53.96
	37	92.00	24.64	107.2	27.88	137.2	36.20	150.4	40.24	164.8	45.00	177.6	49.56	194.4	57.56
	39	92.00	26.28	107.2	29.76	137.2	38.64	150.4	42.96	164.8	48.04	177.6	52.92	194.4	61.48
	41	92.00	28.08	107.2	31.80	137.2	41.28	150.4	45.84	164.8	51.28	177.6	56.48	194.4	65.64
	43	92.00	30.00	107.2	33.96	137.2	44.08	150.4	48.96	164.8	54.76	177.6	60.28	194.4	70.08
	46	92.00	33.16	107.2	37.52	137.2	48.64	150.4	53.96	164.8	60.36	177.6	66.48	194.4	77.52
	48	92.00	35.44	107.2	40.12	137.2	51.92	150.4	57.60	164.8	64.44	177.6	71.04	187.2	78.44
	50	92.00	37.92	107.2	42.88	137.2	55.40	150.4	61.48	164.8	68.80	172.0	72.84	170.0	73.64
	52	92.00	40.56	107.2	45.80	137.2	59.12	147.6	63.96	148.4	62.88	148.8	61.88	149.6	61.92
70	10	25.60	1.72	41.20	2.72	58.40	3.88	62.40	4.16	66.40	4.44	70.80	4.72	75.20	5.08
	12	25.60	1.72	41.20	2.72	58.40	3.88	62.40	4.16	66.40	4.44	70.80	4.76	75.20	5.12
	14	25.60	1.72	41.20	2.72	58.40	3.92	62.40	4.20	66.40	4.48	70.80	4.76	75.20	5.16
	16	25.60	1.72	41.20	2.72	58.40	3.92	62.40	4.20	66.40	4.52	70.80	4.84	75.20	5.20
	18	25.60	1.72	41.20	2.76	58.40	4.00	62.40	4.28	66.40	4.60	70.80	4.92	75.20	5.40
	20	25.60	1.72	41.20	2.80	58.40	4.16	62.40	4.48	66.40	4.84	70.80	5.24	75.20	5.80
	21	29.20	2.00	44.40	3.20	61.60	4.80	65.60	5.24	69.60	5.72	73.60	6.20	78.00	7.20
	23	36.00	6.80	50.80	8.20	68.00	9.56	71.60	9.88	75.60	10.24	79.20	10.52	82.80	11.08
	25	42.80	8.24	57.60	9.48	74.40	11.16	78.00	11.56	82.00	11.96	84.80	12.28	88.00	12.92
	27	50.00	9.68	64.40	11.20	81.20	13.24	84.40	13.72	88.00	14.20	90.40	14.48	98.40	15.92
	29	57.20	11.60	71.60	13.40	88.00	15.92	91.20	16.44	94.80	17.00	100.4	17.96	116.4	21.28
	31	64.80	14.16	78.80	16.28	95.20	19.12	98.00	19.68	106.8	21.20	118.8	23.56	134.4	27.44
	33	72.40	17.04	86.40	19.36	102.4	22.60	112.8	24.76	125.6	27.64	137.2	30.44	152.4	35.28
	35	80.40	20.56	94.00	23.08	120.0	29.32	131.6	32.32	144.0	35.88	155.6	39.24	170.4	45.16
	37	80.40	21.88	94.00	24.56	120.0	31.28	131.6	34.48	144.0	38.32	155.6	41.88	170.4	48.20
	39	80.40	23.32	94.00	26.20	120.0	33.40	131.6	36.84	144.0	40.88	155.6	44.72	170.4	51.44
	41	80.40	24.92	94.00	28.00	120.0	35.68	131.6	39.32	144.0	43.68	155.6	47.76	170.4	54.92
	43	80.40	26.68	94.00	29.92	120.0	38.08	131.6	42.00	144.0	46.64	155.6	50.96	170.4	58.64
	46	80.40	29.48	94.00	33.08	120.0	42.08	131.6	46.36	144.0	51.40	155.6	56.20	170.4	64.68

37. ARUM800LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	80.40	31.56	94.00	35.36	120.0	44.92	131.6	49.48	144.0	54.88	155.6	60.00	170.4	69.08
	50	80.40	33.76	94.00	37.84	120.0	48.00	131.6	52.84	144.0	58.56	155.6	64.04	170.0	73.68
	52	80.40	36.16	94.00	40.44	120.0	51.24	131.6	56.40	144.0	62.52	148.0	63.48	148.4	63.48
60	10	22.00	1.48	35.20	2.32	50.00	3.32	53.60	3.56	57.20	3.80	60.80	4.04	64.40	4.36
	12	22.00	1.48	35.20	2.32	50.00	3.32	53.60	3.56	57.20	3.80	60.80	4.04	64.40	4.36
	14	22.00	1.44	35.20	2.32	50.00	3.32	53.60	3.56	57.20	3.80	60.80	4.08	64.40	4.36
	16	22.00	1.44	35.20	2.32	50.00	3.36	53.60	3.60	57.20	3.84	60.80	4.08	64.40	4.40
	18	22.00	1.44	35.20	2.36	50.00	3.36	53.60	3.64	57.20	3.88	60.80	4.16	64.40	4.52
	20	22.00	1.44	35.20	2.36	50.00	3.48	53.60	3.76	57.20	4.04	60.80	4.36	64.40	4.80
	21	24.80	1.68	38.00	2.64	52.80	3.92	56.00	4.28	59.60	4.64	63.20	5.00	66.80	5.68
	23	30.80	4.80	43.60	7.16	58.00	8.76	61.60	9.04	64.80	9.28	67.60	9.56	71.20	10.00
	25	38.40	7.88	49.60	8.72	64.00	10.08	66.80	10.40	70.00	10.72	72.80	11.00	75.60	11.48
	27	42.80	8.92	55.20	10.12	69.60	11.80	72.40	12.16	75.60	12.56	77.60	12.80	84.40	13.96
	29	49.20	10.52	61.20	11.96	75.60	14.00	78.40	14.40	81.20	14.84	86.00	15.64	99.60	18.28
	31	55.60	12.60	67.60	14.32	81.60	16.72	84.00	17.16	91.20	18.44	102.0	20.32	115.2	23.36
	33	62.00	15.08	74.00	16.96	87.60	19.64	96.40	21.44	107.6	23.64	117.6	25.84	130.4	29.56
	35	69.20	17.96	80.40	20.08	102.8	25.12	112.8	27.44	123.6	30.20	133.2	32.80	146.0	37.36
	37	69.20	19.08	80.40	21.36	102.8	26.76	112.8	29.28	123.6	32.24	133.2	35.00	146.0	39.88
	39	69.20	20.28	80.40	22.76	102.8	28.56	112.8	31.24	123.6	34.40	133.2	37.36	146.0	42.56
	41	69.20	21.60	80.40	24.32	102.8	30.52	112.8	33.40	123.6	36.76	133.2	39.92	146.0	45.44
	43	69.20	23.04	80.40	26.04	102.8	32.60	112.8	35.68	123.6	39.28	133.2	42.64	146.0	48.52
	46	69.20	25.52	80.40	28.88	102.8	36.04	112.8	39.40	123.6	43.36	133.2	47.04	146.0	53.48
	48	69.20	27.40	80.40	30.92	102.8	38.52	112.8	42.12	123.6	46.28	133.2	50.20	146.0	57.08
	50	69.20	29.44	80.40	33.12	102.8	41.20	112.8	45.00	123.6	49.44	133.2	53.60	146.0	60.96
	52	69.20	31.72	80.40	35.44	102.8	44.04	112.8	48.04	123.6	52.76	133.2	57.20	146.0	65.08
50	10	18.40	1.40	29.60	1.96	41.60	2.76	44.40	2.96	47.60	3.16	50.80	3.36	54.00	3.60
	12	18.40	1.40	29.60	1.96	41.60	2.76	44.40	2.96	47.60	3.16	50.80	3.36	54.00	3.60
	14	18.40	1.40	29.60	1.96	41.60	2.76	44.40	2.96	47.60	3.16	50.80	3.36	54.00	3.64
	16	18.40	1.40	29.60	1.92	41.60	2.76	44.40	2.96	47.60	3.16	50.80	3.40	54.00	3.64
	18	18.40	1.40	29.60	1.96	41.60	2.80	44.40	3.00	47.60	3.20	50.80	3.44	54.00	3.72
	20	18.40	1.40	29.60	1.96	41.60	2.84	44.40	3.04	47.60	3.28	50.80	3.52	54.00	3.84
	21	20.80	1.36	31.60	2.16	44.00	3.16	46.80	3.40	49.60	3.64	52.40	3.92	55.60	4.40
	23	25.60	3.24	36.40	4.84	48.40	8.00	51.20	8.20	54.00	8.44	56.40	8.64	59.20	8.96
	25	36.80	7.96	41.20	8.00	53.20	9.08	55.60	9.32	58.40	9.56	60.40	9.76	62.80	10.16
	27	36.40	8.28	46.00	9.12	58.00	10.44	60.40	10.72	62.80	11.00	64.80	11.20	70.40	12.12
	29	40.80	9.44	51.20	10.60	62.80	12.16	65.20	12.52	67.60	12.84	71.60	13.44	83.20	15.48
	31	46.40	11.12	56.40	12.48	68.00	14.40	70.00	14.76	76.00	15.80	84.80	17.32	96.00	19.72
	33	52.00	13.20	61.60	14.68	73.20	16.80	80.40	18.20	89.60	20.00	98.00	21.68	108.8	24.48
	35	57.60	15.52	67.20	17.20	85.60	21.28	94.00	23.08	102.8	25.12	111.2	27.04	121.6	30.40
	37	57.60	16.40	67.20	18.20	85.60	22.68	94.00	24.56	102.8	26.80	111.2	28.84	121.6	32.44
	39	57.60	17.36	67.20	19.32	85.60	24.20	94.00	26.20	102.8	28.60	111.2	30.80	121.6	34.64
	41	57.60	18.44	67.20	20.60	85.60	25.80	94.00	28.00	102.8	30.52	111.2	32.88	121.6	37.00
	43	57.60	19.60	67.20	21.96	85.60	27.60	94.00	29.92	102.8	32.60	111.2	35.12	121.6	39.52
	46	57.60	21.60	67.20	24.28	85.60	30.52	94.00	33.08	102.8	36.04	111.2	38.80	121.6	43.64
	48	57.60	23.12	67.20	26.04	85.60	32.64	94.00	35.36	102.8	38.56	111.2	41.48	121.6	46.60
	50	57.60	24.76	67.20	27.96	85.60	34.96	94.00	37.84	102.8	41.20	111.2	44.32	121.6	49.76
	52	57.60	26.56	67.20	30.08	85.60	37.40	94.00	40.48	102.8	44.04	111.2	47.36	121.6	53.12

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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37.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	150.4	70.04	149.2	70.64	148.0	71.24	147.6	71.52	147.2	71.84	146.0	72.40
	-24.8	-25	174.8	73.64	173.6	74.32	172.4	74.96	171.6	75.28	171.2	75.64	170.0	76.28
	-21.8	-22	190.0	75.72	188.8	76.44	187.6	77.12	186.8	77.48	186.4	77.80	184.8	78.48
	-19.8	-20	200.8	77.12	199.6	77.84	198.0	78.56	197.2	78.92	196.8	79.28	195.6	80.00
	-18.8	-19	206.4	77.80	204.8	78.56	203.6	79.32	202.8	79.68	202.0	80.04	200.8	80.72
	-16.7	-17	217.6	79.24	216.4	80.00	214.8	80.76	214.0	81.16	213.6	81.52	212.0	82.24
	-15	-15.9	224.8	80.04	223.2	80.84	221.6	81.64	220.8	82.00	220.0	82.40	218.8	83.12
	-13.7	-15	230.4	80.76	228.8	81.56	227.6	82.36	226.8	82.76	226.0	83.16	224.8	83.92
	-11.8	-13	242.4	82.16	240.8	83.00	239.2	83.80	238.4	84.20	237.6	84.60	236.0	85.40
	-9.8	-11	255.6	83.64	253.6	84.48	252.0	85.32	251.2	85.72	250.4	86.12	248.8	86.92
	-9.5	-10	261.6	84.32	260.0	85.16	258.4	86.04	257.6	86.44	256.4	86.88	254.8	87.68
	-8.5	-9.1	268.0	85.00	266.0	85.88	264.4	86.72	263.6	87.16	262.8	87.56	260.8	88.40
	-7	-7.6	278.4	86.12	276.8	87.04	274.8	87.92	274.0	88.32	272.8	88.76	271.2	89.60
	-5	-5.6	293.2	87.68	291.2	88.60	289.2	89.48	288.4	89.92	287.2	90.36	285.2	91.24
	-3	-3.7	307.6	89.16	305.6	90.12	303.6	91.04	302.4	91.48	301.6	91.96	286.8	86.92
	0	-0.7	331.6	91.60	329.2	92.56	327.2	93.52	317.2	90.16	307.2	86.68	286.8	79.80
	3	2.2	355.6	93.96	348.0	92.76	327.6	86.16	317.2	82.96	307.2	79.76	286.8	73.52
	5	4.1	368.4	94.12	348.0	87.80	327.6	81.60	317.2	78.60	307.2	75.60	286.8	69.72
	7	6	368.4	89.04	348.0	83.08	327.6	77.28	317.2	74.44	307.2	71.60	286.8	66.08
	9	7.9	368.4	84.04	348.0	78.44	327.6	72.96	317.2	70.28	307.2	67.64	286.8	62.44
	11	9.8	368.4	79.20	348.0	73.96	327.6	68.84	317.2	66.32	307.2	63.88	286.8	59.00
	13	11.8	368.4	74.32	348.0	69.44	327.6	64.72	317.2	62.36	307.2	60.08	286.8	55.56
	15	13.7	368.4	69.92	348.0	65.40	327.6	60.96	317.2	58.80	307.2	56.64	286.8	52.44
120	-30	-30.2	149.6	70.36	148.4	70.96	147.6	71.56	147.2	71.84	146.4	72.12	145.6	72.72
	-24.8	-25	174.0	74.08	172.8	74.72	171.6	75.40	170.8	75.72	170.4	76.04	169.2	76.68
	-21.8	-22	189.2	76.24	188.0	76.92	186.4	77.60	186.0	77.96	185.2	78.28	184.0	78.96
	-19.8	-20	199.6	77.68	198.4	78.40	197.2	79.12	196.4	79.48	195.6	79.80	194.4	80.52
	-18.8	-19	205.2	78.40	204.0	79.12	202.4	79.88	201.6	80.24	201.2	80.56	199.6	81.28
	-16.7	-17	216.4	79.88	215.2	80.64	213.6	81.40	212.8	81.76	212.4	82.12	210.8	82.84
	-15	-15.9	223.2	80.72	222.0	81.52	220.4	82.28	219.6	82.64	218.8	83.04	217.6	83.76
	-13.7	-15	229.2	81.48	227.6	82.28	226.4	83.04	225.6	83.44	224.8	83.80	223.6	84.56
	-11.8	-13	241.2	82.92	239.6	83.76	238.0	84.56	237.2	84.92	236.4	85.32	234.8	86.08
	-9.8	-11	254.0	84.48	252.0	85.32	250.4	86.12	249.6	86.52	248.8	86.92	247.2	87.72
	-9.5	-10	260.0	85.20	258.4	86.04	256.4	86.88	255.6	87.28	254.8	87.68	253.2	88.48
	-8.5	-9.1	266.0	85.92	264.4	86.76	262.4	87.60	261.6	88.00	260.8	88.44	259.2	89.24
	-7	-7.6	276.4	87.12	274.8	87.96	272.8	88.84	272.0	89.24	271.2	89.68	264.4	88.20
	-5	-5.6	290.8	88.72	288.8	89.64	286.8	90.52	286.0	90.92	283.6	90.60	264.4	83.40
	-3	-3.7	305.2	90.32	303.2	91.24	301.2	92.12	292.8	89.24	283.6	85.80	264.4	79.04
	0	-0.7	328.4	92.88	321.2	91.52	302.4	85.08	292.8	81.88	283.6	78.76	264.4	72.64
	3	2.2	340.0	90.20	321.2	84.20	302.4	78.32	292.8	75.44	283.6	72.60	264.4	67.00
	5	4.1	340.0	85.40	321.2	79.76	302.4	74.24	292.8	71.52	283.6	68.84	264.4	63.60
	7	6	340.0	80.84	321.2	75.52	302.4	70.32	292.8	67.76	283.6	65.24	264.4	60.28
	9	7.9	340.0	76.32	321.2	71.32	302.4	66.44	292.8	64.04	283.6	61.68	264.4	57.00
	11	9.8	340.0	71.96	321.2	67.28	302.4	62.72	292.8	60.48	283.6	58.28	264.4	53.92
	13	11.8	340.0	67.64	321.2	63.28	302.4	59.04	292.8	56.92	283.6	54.88	264.4	50.80

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	340.0	63.68	321.2	59.64	302.4	55.68	292.8	53.72	283.6	51.80	264.4	48.00
110	-30	-30.2	148.8	70.76	148.0	71.36	146.8	71.92	146.4	72.24	146.0	72.52	144.8	73.08
	-24.8	-25	173.2	74.60	172.0	75.24	170.8	75.88	170.0	76.20	169.6	76.52	168.4	77.12
	-21.8	-22	188.0	76.84	186.8	77.52	185.6	78.20	184.8	78.52	184.4	78.84	183.2	79.52
	-19.8	-20	198.4	78.32	197.2	79.04	196.0	79.72	195.2	80.08	194.8	80.44	193.2	81.08
	-18.8	-19	204.0	79.08	202.4	79.80	201.2	80.52	200.4	80.88	200.0	81.20	198.8	81.92
	-16.7	-17	215.2	80.64	213.6	81.36	212.4	82.12	211.6	82.48	210.8	82.84	209.6	83.52
	-15	-15.9	221.6	81.52	220.4	82.28	218.8	83.04	218.0	83.40	217.6	83.76	216.0	84.48
	-13.7	-15	227.6	82.28	226.0	83.08	224.8	83.84	224.0	84.24	223.2	84.60	222.0	85.32
	-11.8	-13	239.2	83.84	237.6	84.64	236.0	85.40	235.2	85.80	234.8	86.16	233.2	86.92
	-9.8	-11	252.0	85.44	250.0	86.28	248.4	87.08	247.6	87.44	246.8	87.84	242.4	87.12
	-9.5	-10	258.0	86.20	256.4	87.04	254.4	87.84	253.6	88.24	252.8	88.64	242.4	84.96
	-8.5	-9.1	264.0	86.96	262.0	87.80	260.4	88.60	259.6	89.04	258.8	89.40	242.4	82.88
	-7	-7.6	274.0	88.24	272.4	89.08	270.4	89.92	268.4	89.76	260.0	86.32	242.4	79.56
	-5	-5.6	288.0	89.96	286.4	90.84	277.2	88.16	268.4	84.88	260.0	81.64	242.4	75.28
	-3	-3.7	302.4	91.64	294.4	89.84	277.2	83.52	268.4	80.44	260.0	77.36	242.4	71.40
	0	-0.7	312.0	88.28	294.4	82.44	277.2	76.72	268.4	73.92	260.0	71.12	242.4	65.68
	3	2.2	312.0	81.24	294.4	75.92	277.2	70.72	268.4	68.16	260.0	65.64	242.4	60.68
	5	4.1	312.0	76.96	294.4	71.96	277.2	67.08	268.4	64.68	260.0	62.28	242.4	57.64
	7	6	312.0	72.92	294.4	68.20	277.2	63.56	268.4	61.28	260.0	59.04	242.4	54.64
	9	7.9	312.0	68.88	294.4	64.44	277.2	60.12	268.4	57.96	260.0	55.88	242.4	51.72
	11	9.8	312.0	65.00	294.4	60.88	277.2	56.80	268.4	54.80	260.0	52.84	242.4	48.96
	13	11.8	312.0	61.12	294.4	57.28	277.2	53.52	268.4	51.64	260.0	49.80	242.4	46.20
	15	13.7	312.0	57.64	294.4	54.04	277.2	50.52	268.4	48.76	260.0	47.04	242.4	43.68
100	-30	-30.2	148.0	71.24	147.2	71.80	146.0	72.40	145.6	72.68	145.2	72.96	144.0	73.52
	-24.8	-25	172.0	75.20	170.8	75.84	169.6	76.48	169.2	76.76	168.4	77.08	167.6	77.68
	-21.8	-22	186.8	77.52	185.6	78.20	184.4	78.84	183.6	79.20	183.2	79.52	182.0	80.16
	-19.8	-20	197.2	79.08	195.6	79.80	194.4	80.48	194.0	80.80	193.2	81.16	192.0	81.80
	-18.8	-19	202.4	79.88	201.2	80.60	199.6	81.28	199.2	81.64	198.4	81.96	197.2	82.64
	-16.7	-17	213.6	81.52	212.0	82.24	210.8	82.96	210.0	83.32	209.2	83.64	208.0	84.32
	-15	-15.9	220.0	82.44	218.4	83.20	217.2	83.92	216.4	84.28	215.6	84.64	214.4	85.32
	-13.7	-15	225.6	83.28	224.4	84.04	223.2	84.80	222.4	85.16	221.6	85.52	220.4	86.24
	-11.8	-13	237.2	84.88	235.6	85.64	234.0	86.40	233.2	86.80	232.8	87.16	220.4	82.16
	-9.8	-11	249.6	86.60	248.0	87.40	246.4	88.16	244.0	87.80	236.4	84.48	220.4	77.92
	-9.5	-10	255.6	87.40	253.6	88.20	252.0	88.92	244.0	85.60	236.4	82.36	220.4	76.00
	-8.5	-9.1	261.2	88.20	259.6	89.00	252.0	86.72	244.0	83.52	236.4	80.36	220.4	74.16
	-7	-7.6	271.2	89.56	267.6	89.44	252.0	83.24	244.0	80.16	236.4	77.16	220.4	71.20
	-5	-5.6	283.6	90.60	267.6	84.60	252.0	78.72	244.0	75.88	236.4	73.00	220.4	67.44
	-3	-3.7	283.6	85.80	267.6	80.16	252.0	74.64	244.0	71.92	236.4	69.24	220.4	64.00
	0	-0.7	283.6	78.76	267.6	73.64	252.0	68.64	244.0	66.16	236.4	63.76	220.4	58.96
	3	2.2	283.6	72.60	267.6	67.92	252.0	63.36	244.0	61.12	236.4	58.88	220.4	54.52
	5	4.1	283.6	68.84	267.6	64.44	252.0	60.16	244.0	58.04	236.4	55.96	220.4	51.84
	7	6	283.6	65.24	267.6	61.08	252.0	57.04	244.0	55.04	236.4	53.08	220.4	49.16
	9	7.9	283.6	61.68	267.6	57.80	252.0	54.00	244.0	52.12	236.4	50.24	220.4	46.60
	11	9.8	283.6	58.28	267.6	54.64	252.0	51.08	244.0	49.32	236.4	47.60	220.4	44.16
	13	11.8	283.6	54.88	267.6	51.48	252.0	48.16	244.0	46.52	236.4	44.88	220.4	41.72
	15	13.7	283.6	51.80	267.6	48.60	252.0	45.52	244.0	43.96	236.4	42.44	220.4	39.48

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	147.2	71.80	146.0	72.36	145.2	72.92	144.8	73.20	144.0	73.48	143.2	74.00
	-24.8	-25	170.8	75.92	169.6	76.56	168.4	77.16	168.0	77.48	167.2	77.76	166.0	78.36
	-21.8	-22	185.2	78.36	184.0	79.00	182.8	79.68	182.0	80.00	181.6	80.28	180.4	80.92
	-19.8	-20	195.2	80.00	194.0	80.68	192.8	81.36	192.4	81.68	191.6	82.00	190.4	82.64
	-18.8	-19	200.8	80.84	199.2	81.56	198.0	82.20	197.2	82.56	196.8	82.88	195.6	83.52
	-16.7	-17	211.6	82.56	210.0	83.28	208.8	83.96	208.0	84.32	207.2	84.64	198.4	80.92
	-15	-15.9	218.0	83.56	216.4	84.28	215.2	85.00	214.4	85.32	212.4	85.08	198.4	78.52
	-13.7	-15	223.6	84.44	222.4	85.20	220.8	85.92	219.6	85.96	212.4	82.68	198.4	76.24
	-11.8	-13	234.8	86.12	233.2	86.88	226.8	84.92	219.6	81.84	212.4	78.76	198.4	72.72
	-9.8	-11	246.8	87.96	240.8	86.48	226.8	80.52	219.6	77.60	212.4	74.68	198.4	69.00
	-9.5	-10	252.4	88.80	240.8	84.32	226.8	78.52	219.6	75.68	212.4	72.84	198.4	67.32
	-8.5	-9.1	255.2	88.00	240.8	82.24	226.8	76.64	219.6	73.84	212.4	71.12	198.4	65.72
	-7	-7.6	255.2	84.48	240.8	78.96	226.8	73.56	219.6	70.92	212.4	68.32	198.4	63.16
	-5	-5.6	255.2	79.88	240.8	74.72	226.8	69.64	219.6	67.16	212.4	64.72	198.4	59.84
	-3	-3.7	255.2	75.72	240.8	70.88	226.8	66.08	219.6	63.72	212.4	61.40	198.4	56.84
	0	-0.7	255.2	69.64	240.8	65.20	226.8	60.88	219.6	58.72	212.4	56.60	198.4	52.44
	3	2.2	255.2	64.28	240.8	60.24	226.8	56.28	219.6	54.32	212.4	52.40	198.4	48.60
	5	4.1	255.2	61.00	240.8	57.20	226.8	53.48	219.6	51.64	212.4	49.84	198.4	46.24
	7	6	255.2	57.84	240.8	54.24	226.8	50.72	219.6	49.00	212.4	47.28	198.4	43.88
	9	7.9	255.2	54.72	240.8	51.36	226.8	48.08	219.6	46.44	212.4	44.80	198.4	41.64
	11	9.8	255.2	51.80	240.8	48.64	226.8	45.52	219.6	44.00	212.4	42.48	198.4	39.48
	13	11.8	255.2	48.80	240.8	45.88	226.8	42.96	219.6	41.56	212.4	40.12	198.4	37.36
	15	13.7	255.2	46.12	240.8	43.36	226.8	40.64	219.6	39.32	212.4	38.00	198.4	35.40
80	-30	-30.2	146.0	72.48	144.8	73.04	144.0	73.60	143.6	73.84	143.2	74.12	142.0	74.64
	-24.8	-25	169.2	76.80	168.0	77.44	166.8	78.04	166.4	78.32	165.6	78.60	164.8	79.20
	-21.8	-22	183.2	79.40	182.0	80.04	180.8	80.64	180.4	80.96	179.6	81.28	176.4	80.44
	-19.8	-20	193.2	81.12	192.0	81.80	190.8	82.44	190.0	82.76	188.8	82.68	176.4	76.40
	-18.8	-19	198.4	82.04	197.2	82.68	196.0	83.36	195.2	83.68	188.8	80.60	176.4	74.48
	-16.7	-17	208.8	83.84	207.6	84.52	201.6	82.40	195.2	79.44	188.8	76.52	176.4	70.72
	-15	-15.9	215.2	84.92	214.0	85.60	201.6	79.96	195.2	77.08	188.8	74.24	176.4	68.64
	-13.7	-15	220.8	85.88	214.0	83.40	201.6	77.64	195.2	74.80	188.8	72.00	176.4	66.52
	-11.8	-13	226.8	84.92	214.0	79.44	201.6	74.04	195.2	71.40	188.8	68.80	176.4	63.56
	-9.8	-11	226.8	80.52	214.0	75.32	201.6	70.28	195.2	67.76	188.8	65.28	176.4	60.44
	-9.5	-10	226.8	78.52	214.0	73.48	201.6	68.56	195.2	66.12	188.8	63.72	176.4	59.00
	-8.5	-9.1	226.8	76.64	214.0	71.72	201.6	66.92	195.2	64.56	188.8	62.20	176.4	57.60
	-7	-7.6	226.8	73.56	214.0	68.88	201.6	64.28	195.2	62.04	188.8	59.80	176.4	55.36
	-5	-5.6	226.8	69.64	214.0	65.24	201.6	60.92	195.2	58.80	188.8	56.68	176.4	52.52
	-3	-3.7	226.8	66.08	214.0	61.92	201.6	57.84	195.2	55.84	188.8	53.88	176.4	49.96
	0	-0.7	226.8	60.88	214.0	57.08	201.6	53.36	195.2	51.56	188.8	49.72	176.4	46.16
	3	2.2	226.8	56.28	214.0	52.80	201.6	49.44	195.2	47.76	188.8	46.08	176.4	42.84
	5	4.1	226.8	53.48	214.0	50.24	201.6	47.04	195.2	45.44	188.8	43.88	176.4	40.80
	7	6	226.8	50.72	214.0	47.64	201.6	44.64	195.2	43.16	188.8	41.68	176.4	38.76
	9	7.9	226.8	48.08	214.0	45.16	201.6	42.36	195.2	40.96	188.8	39.56	176.4	36.84
	11	9.8	226.8	45.52	214.0	42.80	201.6	40.16	195.2	38.84	188.8	37.52	176.4	34.96
	13	11.8	226.8	42.96	214.0	40.44	201.6	37.96	195.2	36.72	188.8	35.52	176.4	33.12
	15	13.7	226.8	40.64	214.0	38.28	201.6	35.96	195.2	34.80	188.8	33.68	176.4	31.40
70	-30	-30.2	144.4	73.36	143.6	73.88	142.4	74.40	142.0	74.68	141.6	74.96	140.8	75.44

37. ARUM800LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	166.8	77.92	166.0	78.52	164.8	79.08	164.4	79.36	164.0	79.64	154.4	74.64
	-21.8	-22	180.8	80.68	179.6	81.28	176.4	80.44	170.8	77.56	165.2	74.72	154.4	69.16
	-19.8	-20	190.8	82.52	187.6	81.92	176.4	76.40	170.8	73.68	165.2	71.00	154.4	65.72
	-18.8	-19	195.6	83.48	187.6	79.80	176.4	74.48	170.8	71.84	165.2	69.24	154.4	64.08
	-16.7	-17	198.4	80.92	187.6	75.76	176.4	70.72	170.8	68.24	165.2	65.76	154.4	60.92
	-15	-15.9	198.4	78.52	187.6	73.52	176.4	68.64	170.8	66.20	165.2	63.76	154.4	59.00
	-13.7	-15	198.4	76.24	187.6	71.32	176.4	66.52	170.8	64.16	165.2	61.80	154.4	57.20
	-11.8	-13	198.4	72.72	187.6	68.12	176.4	63.56	170.8	61.28	165.2	59.08	154.4	54.68
	-9.8	-11	198.4	69.00	187.6	64.68	176.4	60.44	170.8	58.32	165.2	56.28	154.4	52.16
	-9.5	-10	198.4	67.32	187.6	63.12	176.4	59.00	170.8	56.96	165.2	54.92	154.4	50.96
	-8.5	-9.1	198.4	65.72	187.6	61.64	176.4	57.60	170.8	55.60	165.2	53.64	154.4	49.76
	-7	-7.6	198.4	63.16	187.6	59.24	176.4	55.36	170.8	53.48	165.2	51.60	154.4	47.88
	-5	-5.6	198.4	59.84	187.6	56.16	176.4	52.56	170.8	50.76	165.2	49.00	154.4	45.48
	-3	-3.7	198.4	56.84	187.6	53.36	176.4	49.96	170.8	48.28	165.2	46.60	154.4	43.28
	0	-0.7	198.4	52.44	187.6	49.28	176.4	46.16	170.8	44.64	165.2	43.12	154.4	40.08
	3	2.2	198.4	48.60	187.6	45.68	176.4	42.84	170.8	41.44	165.2	40.04	154.4	37.28
	5	4.1	198.4	46.24	187.6	43.48	176.4	40.80	170.8	39.44	165.2	38.12	154.4	35.52
	7	6	198.4	43.88	187.6	41.32	176.4	38.76	170.8	37.52	165.2	36.24	154.4	33.80
	9	7.9	198.4	41.64	187.6	39.20	176.4	36.84	170.8	35.64	165.2	34.48	154.4	32.16
	11	9.8	198.4	39.48	187.6	37.20	176.4	34.96	170.8	33.88	165.2	32.76	154.4	30.60
	13	11.8	198.4	37.36	187.6	35.20	176.4	33.12	170.8	32.08	165.2	31.04	154.4	29.00
	15	13.7	198.4	35.40	187.6	33.40	176.4	31.40	170.8	30.44	165.2	29.48	154.4	27.56
60	-30	-30.2	142.4	74.48	141.6	75.00	140.8	75.48	140.0	75.76	139.6	76.00	132.4	71.72
	-24.8	-25	164.4	79.36	160.8	78.08	151.2	72.92	146.4	70.40	141.6	67.88	132.4	62.88
	-21.8	-22	170.0	77.16	160.8	72.32	151.2	67.60	146.4	65.24	141.6	62.92	132.4	58.32
	-19.8	-20	170.0	73.32	160.8	68.76	151.2	64.24	146.4	62.04	141.6	59.84	132.4	55.48
	-18.8	-19	170.0	71.48	160.8	67.00	151.2	62.64	146.4	60.48	141.6	58.36	132.4	54.12
	-16.7	-17	170.0	67.88	160.8	63.68	151.2	59.52	146.4	57.48	141.6	55.48	132.4	51.48
	-15	-15.9	170.0	65.84	160.8	61.72	151.2	57.68	146.4	55.68	141.6	53.72	132.4	49.80
	-13.7	-15	170.0	63.84	160.8	59.84	151.2	55.92	146.4	54.00	141.6	52.08	132.4	48.32
	-11.8	-13	170.0	60.96	160.8	57.16	151.2	53.44	146.4	51.60	141.6	49.80	132.4	46.20
	-9.8	-11	170.0	58.04	160.8	54.52	151.2	50.96	146.4	49.20	141.6	47.48	132.4	44.08
	-9.5	-10	170.0	56.64	160.8	53.20	151.2	49.84	146.4	48.16	141.6	46.48	132.4	43.24
	-8.5	-9.1	170.0	55.32	160.8	51.96	151.2	48.68	146.4	47.04	141.6	45.44	132.4	42.24
	-7	-7.6	170.0	53.20	160.8	50.00	151.2	46.84	146.4	45.28	141.6	43.76	132.4	40.68
	-5	-5.6	170.0	50.48	160.8	47.48	151.2	44.52	146.4	43.04	141.6	41.60	132.4	38.72
	-3	-3.7	170.0	48.04	160.8	45.16	151.2	42.36	146.4	41.00	141.6	39.60	132.4	36.88
	0	-0.7	170.0	44.40	160.8	41.80	151.2	39.24	146.4	37.96	141.6	36.72	132.4	34.24
	3	2.2	170.0	41.24	160.8	38.84	151.2	36.48	146.4	35.32	141.6	34.20	132.4	31.92
	5	4.1	170.0	39.28	160.8	37.00	151.2	34.80	146.4	33.68	141.6	32.60	132.4	30.44
	7	6	170.0	37.32	160.8	35.20	151.2	33.12	146.4	32.08	141.6	31.04	132.4	29.00
	9	7.9	170.0	35.48	160.8	33.48	151.2	31.52	146.4	30.52	141.6	29.56	132.4	27.64
	11	9.8	170.0	33.72	160.8	31.84	151.2	29.96	146.4	29.04	141.6	28.16	132.4	26.36
	13	11.8	170.0	31.92	160.8	30.16	151.2	28.44	146.4	27.56	141.6	26.72	132.4	25.04
	15	13.7	170.0	30.32	160.8	28.64	151.2	27.04	146.4	26.24	141.6	25.44	132.4	23.84
50	-30	-30.2	139.6	75.96	134.0	72.68	126.0	67.96	122.0	65.64	118.0	63.32	110.4	58.76
	-24.8	-25	141.6	67.88	134.0	63.72	126.0	59.64	122.0	57.60	118.0	55.60	110.4	51.64

37. ARUM800LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	141.6	62.92	134.0	59.08	126.0	55.32	122.0	53.48	118.0	51.64	110.4	48.00
	-19.8	-20	141.6	59.84	134.0	56.20	126.0	52.64	122.0	50.88	118.0	49.16	110.4	45.68
	-18.8	-19	141.6	58.36	134.0	54.84	126.0	51.36	122.0	49.64	118.0	47.96	110.4	44.60
	-16.7	-17	141.6	55.48	134.0	52.16	126.0	48.88	122.0	47.24	118.0	45.64	110.4	42.48
	-15	-15.9	141.6	53.72	134.0	50.44	126.0	47.28	122.0	45.68	118.0	44.12	110.4	41.04
	-13.7	-15	141.6	52.08	134.0	48.92	126.0	45.84	122.0	44.32	118.0	42.80	110.4	39.80
	-11.8	-13	141.6	49.80	134.0	46.80	126.0	43.84	122.0	42.40	118.0	40.96	110.4	38.12
	-9.8	-11	141.6	47.48	134.0	44.64	126.0	41.84	122.0	40.48	118.0	39.08	110.4	36.40
	-9.5	-10	141.6	46.48	134.0	43.76	126.0	41.08	122.0	39.76	118.0	38.44	110.4	35.84
	-8.5	-9.1	141.6	45.44	134.0	42.80	126.0	40.16	122.0	38.88	118.0	37.60	110.4	35.04
	-7	-7.6	141.6	43.76	134.0	41.20	126.0	38.68	122.0	37.44	118.0	36.24	110.4	33.80
	-5	-5.6	141.6	41.60	134.0	39.20	126.0	36.80	122.0	35.64	118.0	34.48	110.4	32.20
	-3	-3.7	141.6	39.60	134.0	37.36	126.0	35.12	122.0	34.00	118.0	32.92	110.4	30.76
	0	-0.7	141.6	36.72	134.0	34.64	126.0	32.60	122.0	31.60	118.0	30.60	110.4	28.60
	3	2.2	141.6	34.20	134.0	32.28	126.0	30.40	122.0	29.48	118.0	28.56	110.4	26.76
	5	4.1	141.6	32.60	134.0	30.80	126.0	29.04	122.0	28.16	118.0	27.28	110.4	25.56
	7	6	141.6	31.04	134.0	29.36	126.0	27.68	122.0	26.84	118.0	26.04	110.4	24.40
	9	7.9	141.6	29.56	134.0	27.96	126.0	26.40	122.0	25.60	118.0	24.84	110.4	23.32
	11	9.8	141.6	28.16	134.0	26.64	126.0	25.16	122.0	24.44	118.0	23.72	110.4	22.28
	13	11.8	141.6	26.72	134.0	25.32	126.0	23.92	122.0	23.24	118.0	22.56	110.4	21.20
	15	13.7	141.6	25.44	134.0	24.12	126.0	22.80	122.0	22.16	118.0	21.52	110.4	20.24

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

37.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	150.4	70.04	149.2	70.64	148.0	71.24	147.6	71.52	147.2	71.84	146.0	72.40
	-24.8	-25	174.8	73.64	173.6	74.32	172.4	74.96	171.6	75.28	171.2	75.64	170.0	76.28
	-21.8	-22	190.0	75.72	188.8	76.44	187.6	77.12	186.8	77.48	186.4	77.80	184.8	78.48
	-19.8	-20	200.8	77.12	199.6	77.84	198.0	78.56	197.2	78.92	196.8	79.28	195.6	80.00
	-18.8	-19	206.4	77.80	204.8	78.56	203.6	79.32	202.8	79.68	202.0	80.04	200.8	80.72
	-16.7	-17	217.6	79.24	216.4	80.00	214.8	80.76	214.0	81.16	213.6	81.52	212.0	82.24
	-15	-15.9	224.8	80.04	223.2	80.84	221.6	81.64	220.8	82.00	220.0	82.40	218.8	83.12
	-13.7	-15	230.4	80.76	228.8	81.56	227.6	82.36	226.8	82.76	226.0	83.16	224.8	83.92
	-11.8	-13	242.4	82.16	240.8	83.00	239.2	83.80	238.4	84.20	237.6	84.60	236.0	85.40
	-9.8	-11	255.6	83.64	253.6	84.48	252.0	85.32	251.2	85.72	250.4	86.12	248.8	86.92
	-9.5	-10	261.6	84.32	260.0	85.16	258.4	86.04	257.6	86.44	256.4	86.88	254.8	87.68
	-8.5	-9.1	268.0	85.00	266.0	85.88	264.4	86.72	263.6	87.16	262.8	87.56	260.8	88.40
	-7	-7.6	278.4	86.12	276.8	87.04	274.8	87.92	274.0	88.32	272.8	88.76	271.2	89.60
	-5	-5.6	293.2	87.68	291.2	88.60	289.2	89.48	288.4	89.92	287.2	90.36	285.2	91.24
	-3	-3.7	307.6	89.16	305.6	90.12	303.6	91.04	302.4	91.48	301.6	91.96	286.8	86.92
	0	-0.7	331.6	91.60	329.2	92.56	327.2	93.52	317.2	90.16	307.2	86.68	286.8	79.80
	3	2.2	355.6	93.96	348.0	92.76	327.6	86.16	317.2	82.96	307.2	79.76	286.8	73.52
	5	4.1	348.8	86.12	328.0	80.00	307.6	74.04	297.2	71.12	286.8	68.24	266.0	62.56
	7	6	328.4	74.04	307.6	68.48	286.8	63.08	276.4	60.40	265.6	57.80	244.8	52.64
	9	7.9	307.6	62.92	286.4	57.96	265.2	53.08	254.8	50.72	244.0	48.36	222.8	43.72
	11	9.8	286.0	52.92	264.8	48.52	243.2	44.20	232.4	42.08	221.6	39.96	200.0	35.84
	13	11.8	263.6	43.88	242.0	40.00	220.4	36.20	209.6	34.32	198.8	32.48	176.4	28.84
	15	13.7	240.4	36.04	218.8	32.64	196.8	29.28	185.6	27.64	174.8	26.04	152.4	22.84
120	-30	-30.2	149.6	70.36	148.4	70.96	147.6	71.56	147.2	71.84	146.4	72.12	145.6	72.72
	-24.8	-25	174.0	74.08	172.8	74.72	171.6	75.40	170.8	75.72	170.4	76.04	169.2	76.68
	-21.8	-22	189.2	76.24	188.0	76.92	186.4	77.60	186.0	77.96	185.2	78.28	184.0	78.96
	-19.8	-20	199.6	77.68	198.4	78.40	197.2	79.12	196.4	79.48	195.6	79.80	194.4	80.52
	-18.8	-19	205.2	78.40	204.0	79.12	202.4	79.88	201.6	80.24	201.2	80.56	199.6	81.28
	-16.7	-17	216.4	79.88	215.2	80.64	213.6	81.40	212.8	81.76	212.4	82.12	210.8	82.84
	-15	-15.9	223.2	80.72	222.0	81.52	220.4	82.28	219.6	82.64	218.8	83.04	217.6	83.76
	-13.7	-15	229.2	81.48	227.6	82.28	226.4	83.04	225.6	83.44	224.8	83.80	223.6	84.56
	-11.8	-13	241.2	82.92	239.6	83.76	238.0	84.56	237.2	84.92	236.4	85.32	234.8	86.08
	-9.8	-11	254.0	84.48	252.0	85.32	250.4	86.12	249.6	86.52	248.8	86.92	247.2	87.72
	-9.5	-10	260.0	85.20	258.4	86.04	256.4	86.88	255.6	87.28	254.8	87.68	253.2	88.48
	-8.5	-9.1	266.0	85.92	264.4	86.76	262.4	87.60	261.6	88.00	260.8	88.44	259.2	89.24
	-7	-7.6	276.4	87.12	274.8	87.96	272.8	88.84	272.0	89.24	271.2	89.68	264.4	88.20
	-5	-5.6	290.8	88.72	288.8	89.64	286.8	90.52	286.0	90.92	283.6	90.60	264.4	83.40
	-3	-3.7	305.2	90.32	303.2	91.24	301.2	92.12	292.8	89.24	283.6	85.80	264.4	79.04
	0	-0.7	328.4	92.88	321.2	91.52	302.4	85.08	292.8	81.88	283.6	78.76	264.4	72.64
	3	2.2	340.0	90.20	321.2	84.20	302.4	78.32	292.8	75.44	283.6	72.60	264.4	67.00
	5	4.1	322.0	78.20	302.8	72.76	284.0	67.40	274.4	64.80	264.8	62.20	245.6	57.12
	7	6	303.2	67.32	284.0	62.36	264.8	57.52	255.2	55.12	245.2	52.80	226.0	48.16
	9	7.9	284.0	57.32	264.4	52.88	244.8	48.52	235.2	46.40	225.2	44.28	205.6	40.12
	11	9.8	264.0	48.36	244.4	44.40	224.4	40.52	214.8	38.60	204.8	36.72	184.8	33.00
	13	11.8	243.2	40.20	223.6	36.72	203.6	33.28	193.6	31.60	183.2	29.92	162.8	26.64

37. ARUM800LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	222.0	33.12	202.0	30.04	181.6	27.04	171.6	25.56	161.2	24.12	140.4	21.20
110	-30	-30.2	148.8	70.76	148.0	71.36	146.8	71.92	146.4	72.24	146.0	72.52	144.8	73.08
	-24.8	-25	173.2	74.60	172.0	75.24	170.8	75.88	170.0	76.20	169.6	76.52	168.4	77.12
	-21.8	-22	188.0	76.84	186.8	77.52	185.6	78.20	184.8	78.52	184.4	78.84	183.2	79.52
	-19.8	-20	198.4	78.32	197.2	79.04	196.0	79.72	195.2	80.08	194.8	80.44	193.2	81.08
	-18.8	-19	204.0	79.08	202.4	79.80	201.2	80.52	200.4	80.88	200.0	81.20	198.8	81.92
	-16.7	-17	215.2	80.64	213.6	81.36	212.4	82.12	211.6	82.48	210.8	82.84	209.6	83.52
	-15	-15.9	221.6	81.52	220.4	82.28	218.8	83.04	218.0	83.40	217.6	83.76	216.0	84.48
	-13.7	-15	227.6	82.28	226.0	83.08	224.8	83.84	224.0	84.24	223.2	84.60	222.0	85.32
	-11.8	-13	239.2	83.84	237.6	84.64	236.0	85.40	235.2	85.80	234.8	86.16	233.2	86.92
	-9.8	-11	252.0	85.44	250.0	86.28	248.4	87.08	247.6	87.44	246.8	87.84	242.4	87.12
	-9.5	-10	258.0	86.20	256.4	87.04	254.4	87.84	253.6	88.24	252.8	88.64	242.4	84.96
	-8.5	-9.1	264.0	86.96	262.0	87.80	260.4	88.60	259.6	89.04	258.8	89.40	242.4	82.88
	-7	-7.6	274.0	88.24	272.4	89.08	270.4	89.92	268.4	89.76	260.0	86.32	242.4	79.56
	-5	-5.6	288.0	89.96	286.4	90.84	277.2	88.16	268.4	84.88	260.0	81.64	242.4	75.28
	-3	-3.7	302.4	91.64	294.4	89.84	277.2	83.52	268.4	80.44	260.0	77.36	242.4	71.40
	0	-0.7	312.0	88.28	294.4	82.44	277.2	76.72	268.4	73.92	260.0	71.12	242.4	65.68
	3	2.2	312.0	81.24	294.4	75.92	277.2	70.72	268.4	68.16	260.0	65.64	242.4	60.68
	5	4.1	295.2	70.56	277.6	65.72	260.0	61.00	251.6	58.68	242.8	56.36	225.2	51.84
	7	6	278.0	60.84	260.4	56.44	242.8	52.12	233.6	50.04	224.8	47.92	207.2	43.80
	9	7.9	260.4	51.92	242.4	47.96	224.4	44.12	215.6	42.20	206.4	40.32	188.4	36.60
	11	9.8	242.0	43.92	224.0	40.40	206.0	36.92	196.8	35.24	187.6	33.56	169.2	30.20
	13	11.8	222.8	36.64	204.8	33.52	186.4	30.48	177.2	28.96	168.0	27.48	149.6	24.52
	15	13.7	203.2	30.28	184.8	27.56	166.4	24.84	157.2	23.52	147.6	22.20	128.8	19.64
100	-30	-30.2	148.0	71.24	147.2	71.80	146.0	72.40	145.6	72.68	145.2	72.96	144.0	73.52
	-24.8	-25	172.0	75.20	170.8	75.84	169.6	76.48	169.2	76.76	168.4	77.08	167.6	77.68
	-21.8	-22	186.8	77.52	185.6	78.20	184.4	78.84	183.6	79.20	183.2	79.52	182.0	80.16
	-19.8	-20	197.2	79.08	195.6	79.80	194.4	80.48	194.0	80.80	193.2	81.16	192.0	81.80
	-18.8	-19	202.4	79.88	201.2	80.60	199.6	81.28	199.2	81.64	198.4	81.96	197.2	82.64
	-16.7	-17	213.6	81.52	212.0	82.24	210.8	82.96	210.0	83.32	209.2	83.64	208.0	84.32
	-15	-15.9	220.0	82.44	218.4	83.20	217.2	83.92	216.4	84.28	215.6	84.64	214.4	85.32
	-13.7	-15	225.6	83.28	224.4	84.04	223.2	84.80	222.4	85.16	221.6	85.52	220.4	86.24
	-11.8	-13	237.2	84.88	235.6	85.64	234.0	86.40	233.2	86.80	232.8	87.16	220.4	82.16
	-9.8	-11	249.6	86.60	248.0	87.40	246.4	88.16	244.0	87.80	236.4	84.48	220.4	77.92
	-9.5	-10	255.6	87.40	253.6	88.20	252.0	88.92	244.0	85.60	236.4	82.36	220.4	76.00
	-8.5	-9.1	261.2	88.20	259.6	89.00	252.0	86.72	244.0	83.52	236.4	80.36	220.4	74.16
	-7	-7.6	271.2	89.56	267.6	89.44	252.0	83.24	244.0	80.16	236.4	77.16	220.4	71.20
	-5	-5.6	283.6	90.60	267.6	84.60	252.0	78.72	244.0	75.88	236.4	73.00	220.4	67.44
	-3	-3.7	283.6	85.80	267.6	80.16	252.0	74.64	244.0	71.92	236.4	69.24	220.4	64.00
	0	-0.7	283.6	78.76	267.6	73.64	252.0	68.64	244.0	66.16	236.4	63.76	220.4	58.96
	3	2.2	283.6	72.60	267.6	67.92	252.0	63.36	244.0	61.12	236.4	58.88	220.4	54.52
	5	4.1	268.4	63.20	252.4	58.96	236.4	54.80	228.4	52.76	220.4	50.72	204.4	46.72
	7	6	252.8	54.56	236.8	50.72	220.4	46.92	212.4	45.08	204.4	43.20	188.4	39.56
	9	7.9	236.8	46.72	220.4	43.24	204.0	39.80	196.0	38.12	187.6	36.48	171.2	33.20
	11	9.8	220.0	39.60	203.6	36.52	187.2	33.44	178.8	31.96	170.4	30.44	154.0	27.52
	13	11.8	202.8	33.16	186.4	30.40	169.6	27.72	161.2	26.36	152.8	25.04	136.0	22.44
	15	13.7	184.8	27.52	168.0	25.08	151.2	22.72	142.8	21.56	134.4	20.36	117.2	18.08

37. ARUM800LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	147.2	71.80	146.0	72.36	145.2	72.92	144.8	73.20	144.0	73.48	143.2	74.00
	-24.8	-25	170.8	75.92	169.6	76.56	168.4	77.16	168.0	77.48	167.2	77.76	166.0	78.36
	-21.8	-22	185.2	78.36	184.0	79.00	182.8	79.68	182.0	80.00	181.6	80.28	180.4	80.92
	-19.8	-20	195.2	80.00	194.0	80.68	192.8	81.36	192.4	81.68	191.6	82.00	190.4	82.64
	-18.8	-19	200.8	80.84	199.2	81.56	198.0	82.20	197.2	82.56	196.8	82.88	195.6	83.52
	-16.7	-17	211.6	82.56	210.0	83.28	208.8	83.96	208.0	84.32	207.2	84.64	198.4	80.92
	-15	-15.9	218.0	83.56	216.4	84.28	215.2	85.00	214.4	85.32	212.4	85.08	198.4	78.52
	-13.7	-15	223.6	84.44	222.4	85.20	220.8	85.92	219.6	85.96	212.4	82.68	198.4	76.24
	-11.8	-13	234.8	86.12	233.2	86.88	226.8	84.92	219.6	81.84	212.4	78.76	198.4	72.72
	-9.8	-11	246.8	87.96	240.8	86.48	226.8	80.52	219.6	77.60	212.4	74.68	198.4	69.00
	-9.5	-10	252.4	88.80	240.8	84.32	226.8	78.52	219.6	75.68	212.4	72.84	198.4	67.32
	-8.5	-9.1	255.2	88.00	240.8	82.24	226.8	76.64	219.6	73.84	212.4	71.12	198.4	65.72
	-7	-7.6	255.2	84.48	240.8	78.96	226.8	73.56	219.6	70.92	212.4	68.32	198.4	63.16
	-5	-5.6	255.2	79.88	240.8	74.72	226.8	69.64	219.6	67.16	212.4	64.72	198.4	59.84
	-3	-3.7	255.2	75.72	240.8	70.88	226.8	66.08	219.6	63.72	212.4	61.40	198.4	56.84
	0	-0.7	255.2	69.64	240.8	65.20	226.8	60.88	219.6	58.72	212.4	56.60	198.4	52.44
	3	2.2	255.2	64.28	240.8	60.24	226.8	56.28	219.6	54.32	212.4	52.40	198.4	48.60
	5	4.1	241.6	56.08	227.2	52.40	212.8	48.80	205.6	47.00	198.4	45.24	184.0	41.72
	7	6	227.6	48.52	213.2	45.16	198.4	41.88	191.2	40.24	184.0	38.64	169.6	35.48
	9	7.9	212.8	41.64	198.4	38.64	183.6	35.64	176.4	34.20	169.2	32.72	154.4	29.84
	11	9.8	198.0	35.44	183.2	32.72	168.4	30.08	160.8	28.76	153.6	27.44	138.4	24.88
	13	11.8	182.4	29.80	167.6	27.40	152.8	25.00	145.2	23.84	137.6	22.68	122.4	20.40
	15	13.7	166.4	24.84	151.2	22.72	136.4	20.64	128.4	19.60	120.8	18.56	105.2	16.56
80	-30	-30.2	146.0	72.48	144.8	73.04	144.0	73.60	143.6	73.84	143.2	74.12	142.0	74.64
	-24.8	-25	169.2	76.80	168.0	77.44	166.8	78.04	166.4	78.32	165.6	78.60	164.8	79.20
	-21.8	-22	183.2	79.40	182.0	80.04	180.8	80.64	180.4	80.96	179.6	81.28	176.4	80.44
	-19.8	-20	193.2	81.12	192.0	81.80	190.8	82.44	190.0	82.76	188.8	82.68	176.4	76.40
	-18.8	-19	198.4	82.04	197.2	82.68	196.0	83.36	195.2	83.68	188.8	80.60	176.4	74.48
	-16.7	-17	208.8	83.84	207.6	84.52	201.6	82.40	195.2	79.44	188.8	76.52	176.4	70.72
	-15	-15.9	215.2	84.92	214.0	85.60	201.6	79.96	195.2	77.08	188.8	74.24	176.4	68.64
	-13.7	-15	220.8	85.88	214.0	83.40	201.6	77.64	195.2	74.80	188.8	72.00	176.4	66.52
	-11.8	-13	226.8	84.92	214.0	79.44	201.6	74.04	195.2	71.40	188.8	68.80	176.4	63.56
	-9.8	-11	226.8	80.52	214.0	75.32	201.6	70.28	195.2	67.76	188.8	65.28	176.4	60.44
	-9.5	-10	226.8	78.52	214.0	73.48	201.6	68.56	195.2	66.12	188.8	63.72	176.4	59.00
	-8.5	-9.1	226.8	76.64	214.0	71.72	201.6	66.92	195.2	64.56	188.8	62.20	176.4	57.60
	-7	-7.6	226.8	73.56	214.0	68.88	201.6	64.28	195.2	62.04	188.8	59.80	176.4	55.36
	-5	-5.6	226.8	69.64	214.0	65.24	201.6	60.92	195.2	58.80	188.8	56.68	176.4	52.52
	-3	-3.7	226.8	66.08	214.0	61.92	201.6	57.84	195.2	55.84	188.8	53.88	176.4	49.96
	0	-0.7	226.8	60.88	214.0	57.08	201.6	53.36	195.2	51.56	188.8	49.72	176.4	46.16
	3	2.2	226.8	56.28	214.0	52.80	201.6	49.44	195.2	47.76	188.8	46.08	176.4	42.84
	5	4.1	214.8	49.24	202.0	46.08	189.2	42.96	182.8	41.44	176.4	39.88	163.6	36.88
	7	6	202.0	42.72	189.2	39.84	176.4	37.00	170.0	35.60	163.6	34.20	150.4	31.48
	9	7.9	189.2	36.76	176.4	34.16	163.2	31.60	156.8	30.36	150.4	29.08	137.2	26.60
	11	9.8	176.0	31.40	162.8	29.08	149.6	26.80	143.2	25.64	136.4	24.52	123.2	22.28
	13	11.8	162.0	26.52	148.8	24.44	135.6	22.40	128.8	21.40	122.4	20.40	108.8	18.40
	15	13.7	148.0	22.24	134.4	20.40	121.2	18.60	114.4	17.72	107.6	16.80	93.60	15.04
70	-30	-30.2	144.4	73.36	143.6	73.88	142.4	74.40	142.0	74.68	141.6	74.96	140.8	75.44

37. ARUM800LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	166.8	77.92	166.0	78.52	164.8	79.08	164.4	79.36	164.0	79.64	154.4	74.64
	-21.8	-22	180.8	80.68	179.6	81.28	176.4	80.44	170.8	77.56	165.2	74.72	154.4	69.16
	-19.8	-20	190.8	82.52	187.6	81.92	176.4	76.40	170.8	73.68	165.2	71.00	154.4	65.72
	-18.8	-19	195.6	83.48	187.6	79.80	176.4	74.48	170.8	71.84	165.2	69.24	154.4	64.08
	-16.7	-17	198.4	80.92	187.6	75.76	176.4	70.72	170.8	68.24	165.2	65.76	154.4	60.92
	-15	-15.9	198.4	78.52	187.6	73.52	176.4	68.64	170.8	66.20	165.2	63.76	154.4	59.00
	-13.7	-15	198.4	76.24	187.6	71.32	176.4	66.52	170.8	64.16	165.2	61.80	154.4	57.20
	-11.8	-13	198.4	72.72	187.6	68.12	176.4	63.56	170.8	61.28	165.2	59.08	154.4	54.68
	-9.8	-11	198.4	69.00	187.6	64.68	176.4	60.44	170.8	58.32	165.2	56.28	154.4	52.16
	-9.5	-10	198.4	67.32	187.6	63.12	176.4	59.00	170.8	56.96	165.2	54.92	154.4	50.96
	-8.5	-9.1	198.4	65.72	187.6	61.64	176.4	57.60	170.8	55.60	165.2	53.64	154.4	49.76
	-7	-7.6	198.4	63.16	187.6	59.24	176.4	55.36	170.8	53.48	165.2	51.60	154.4	47.88
	-5	-5.6	198.4	59.84	187.6	56.16	176.4	52.56	170.8	50.76	165.2	49.00	154.4	45.48
	-3	-3.7	198.4	56.84	187.6	53.36	176.4	49.96	170.8	48.28	165.2	46.60	154.4	43.28
	0	-0.7	198.4	52.44	187.6	49.28	176.4	46.16	170.8	44.64	165.2	43.12	154.4	40.08
	3	2.2	198.4	48.60	187.6	45.68	176.4	42.84	170.8	41.44	165.2	40.04	154.4	37.28
	5	4.1	188.0	42.64	176.8	39.96	165.6	37.32	160.0	36.04	154.4	34.76	143.2	32.20
	7	6	176.8	37.08	165.6	34.68	154.4	32.28	148.8	31.08	143.2	29.92	131.6	27.60
	9	7.9	165.6	32.08	154.4	29.88	142.8	27.72	137.2	26.64	131.6	25.56	120.0	23.48
	11	9.8	154.0	27.52	142.4	25.56	131.2	23.60	125.2	22.64	119.6	21.68	107.6	19.76
	13	11.8	142.0	23.36	130.4	21.60	118.8	19.88	112.8	19.00	106.8	18.16	95.20	16.48
	15	13.7	129.6	19.72	117.6	18.16	106.0	16.60	100.0	15.84	94.00	15.12	82.00	13.60
60	-30	-30.2	142.4	74.48	141.6	75.00	140.8	75.48	140.0	75.76	139.6	76.00	132.4	71.72
	-24.8	-25	164.4	79.36	160.8	78.08	151.2	72.92	146.4	70.40	141.6	67.88	132.4	62.88
	-21.8	-22	170.0	77.16	160.8	72.32	151.2	67.60	146.4	65.24	141.6	62.92	132.4	58.32
	-19.8	-20	170.0	73.32	160.8	68.76	151.2	64.24	146.4	62.04	141.6	59.84	132.4	55.48
	-18.8	-19	170.0	71.48	160.8	67.00	151.2	62.64	146.4	60.48	141.6	58.36	132.4	54.12
	-16.7	-17	170.0	67.88	160.8	63.68	151.2	59.52	146.4	57.48	141.6	55.48	132.4	51.48
	-15	-15.9	170.0	65.84	160.8	61.72	151.2	57.68	146.4	55.68	141.6	53.72	132.4	49.80
	-13.7	-15	170.0	63.84	160.8	59.84	151.2	55.92	146.4	54.00	141.6	52.08	132.4	48.32
	-11.8	-13	170.0	60.96	160.8	57.16	151.2	53.44	146.4	51.60	141.6	49.80	132.4	46.20
	-9.8	-11	170.0	58.04	160.8	54.52	151.2	50.96	146.4	49.20	141.6	47.48	132.4	44.08
	-9.5	-10	170.0	56.64	160.8	53.20	151.2	49.84	146.4	48.16	141.6	46.48	132.4	43.24
	-8.5	-9.1	170.0	55.32	160.8	51.96	151.2	48.68	146.4	47.04	141.6	45.44	132.4	42.24
	-7	-7.6	170.0	53.20	160.8	50.00	151.2	46.84	146.4	45.28	141.6	43.76	132.4	40.68
	-5	-5.6	170.0	50.48	160.8	47.48	151.2	44.52	146.4	43.04	141.6	41.60	132.4	38.72
	-3	-3.7	170.0	48.04	160.8	45.16	151.2	42.36	146.4	41.00	141.6	39.60	132.4	36.88
	0	-0.7	170.0	44.40	160.8	41.80	151.2	39.24	146.4	37.96	141.6	36.72	132.4	34.24
	3	2.2	170.0	41.24	160.8	38.84	151.2	36.48	146.4	35.32	141.6	34.20	132.4	31.92
	5	4.1	160.8	36.28	151.6	34.08	142.0	31.92	137.2	30.84	132.4	29.80	122.8	27.68
	7	6	151.6	31.68	142.0	29.68	132.4	27.72	127.6	26.76	122.8	25.80	112.8	23.88
	9	7.9	142.0	27.52	132.4	25.72	122.4	23.92	117.6	23.04	112.8	22.16	102.8	20.44
	11	9.8	132.0	23.76	122.0	22.12	112.4	20.52	107.2	19.72	102.4	18.92	92.40	17.36
	13	11.8	121.6	20.32	111.6	18.84	101.6	17.40	96.80	16.68	91.60	16.00	81.60	14.56
	15	13.7	110.8	17.28	100.8	15.96	90.80	14.68	85.60	14.08	80.40	13.44	70.40	12.20
50	-30	-30.2	139.6	75.96	134.0	72.68	126.0	67.96	122.0	65.64	118.0	63.32	110.4	58.76
	-24.8	-25	141.6	67.88	134.0	63.72	126.0	59.64	122.0	57.60	118.0	55.60	110.4	51.64

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	141.6	62.92	134.0	59.08	126.0	55.32	122.0	53.48	118.0	51.64	110.4	48.00
	-19.8	-20	141.6	59.84	134.0	56.20	126.0	52.64	122.0	50.88	118.0	49.16	110.4	45.68
	-18.8	-19	141.6	58.36	134.0	54.84	126.0	51.36	122.0	49.64	118.0	47.96	110.4	44.60
	-16.7	-17	141.6	55.48	134.0	52.16	126.0	48.88	122.0	47.24	118.0	45.64	110.4	42.48
	-15	-15.9	141.6	53.72	134.0	50.44	126.0	47.28	122.0	45.68	118.0	44.12	110.4	41.04
	-13.7	-15	141.6	52.08	134.0	48.92	126.0	45.84	122.0	44.32	118.0	42.80	110.4	39.80
	-11.8	-13	141.6	49.80	134.0	46.80	126.0	43.84	122.0	42.40	118.0	40.96	110.4	38.12
	-9.8	-11	141.6	47.48	134.0	44.64	126.0	41.84	122.0	40.48	118.0	39.08	110.4	36.40
	-9.5	-10	141.6	46.48	134.0	43.76	126.0	41.08	122.0	39.76	118.0	38.44	110.4	35.84
	-8.5	-9.1	141.6	45.44	134.0	42.80	126.0	40.16	122.0	38.88	118.0	37.60	110.4	35.04
	-7	-7.6	141.6	43.76	134.0	41.20	126.0	38.68	122.0	37.44	118.0	36.24	110.4	33.80
	-5	-5.6	141.6	41.60	134.0	39.20	126.0	36.80	122.0	35.64	118.0	34.48	110.4	32.20
	-3	-3.7	141.6	39.60	134.0	37.36	126.0	35.12	122.0	34.00	118.0	32.92	110.4	30.76
	0	-0.7	141.6	36.72	134.0	34.64	126.0	32.60	122.0	31.60	118.0	30.60	110.4	28.60
	3	2.2	141.6	34.20	134.0	32.28	126.0	30.40	122.0	29.48	118.0	28.56	110.4	26.76
	5	4.1	134.0	30.20	126.4	28.44	118.4	26.72	114.4	25.88	110.4	25.00	102.4	23.32
	7	6	126.4	26.52	118.4	24.92	110.4	23.36	106.4	22.56	102.4	21.80	94.00	20.24
	9	7.9	118.4	23.16	110.4	21.72	102.0	20.28	98.00	19.60	94.00	18.88	85.60	17.48
	11	9.8	110.0	20.16	102.0	18.84	93.60	17.52	89.60	16.88	85.20	16.24	76.80	15.00
	13	11.8	101.2	17.36	93.20	16.20	84.80	15.04	80.40	14.44	76.40	13.88	68.00	12.76
	15	13.7	92.40	14.92	84.00	13.88	75.60	12.84	71.60	12.32	67.20	11.80	58.40	10.80

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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37.5 Capacity Correction Factor

37.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0
-60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-50	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-40	-	-	-	-	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-30	-	-	-	96.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-20	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0	79.0
-10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
-7.5	99.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
0	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
20	-	-	98.0	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
30	-	-	-	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	80.0
40	-	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
50	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
60	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0
110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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37.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

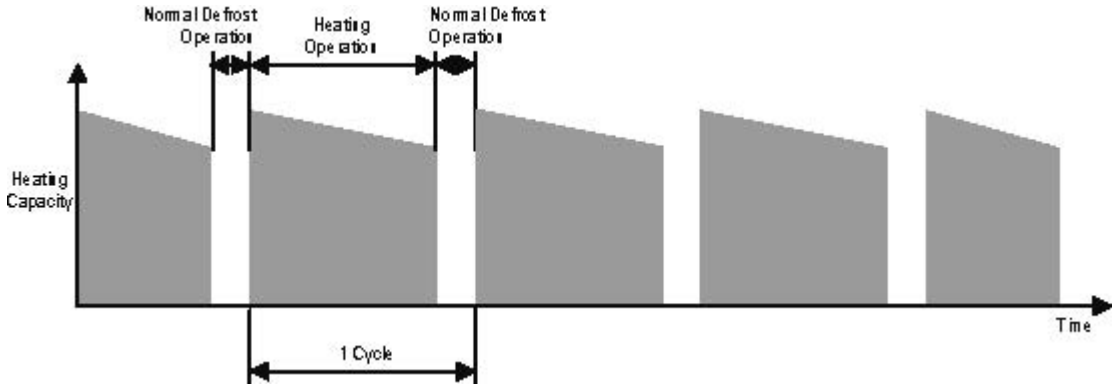
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

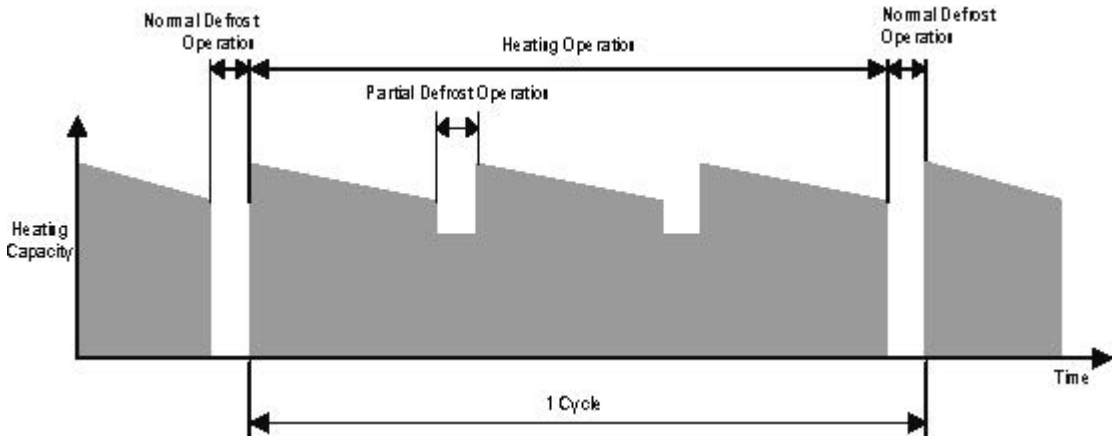
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

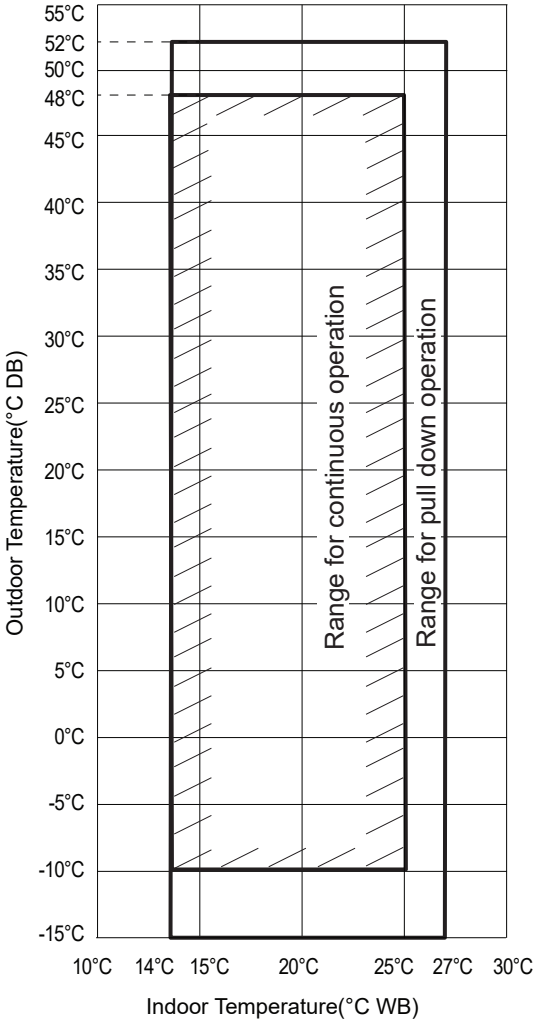


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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37.6 Operation Limits

37.6.1 Cooling

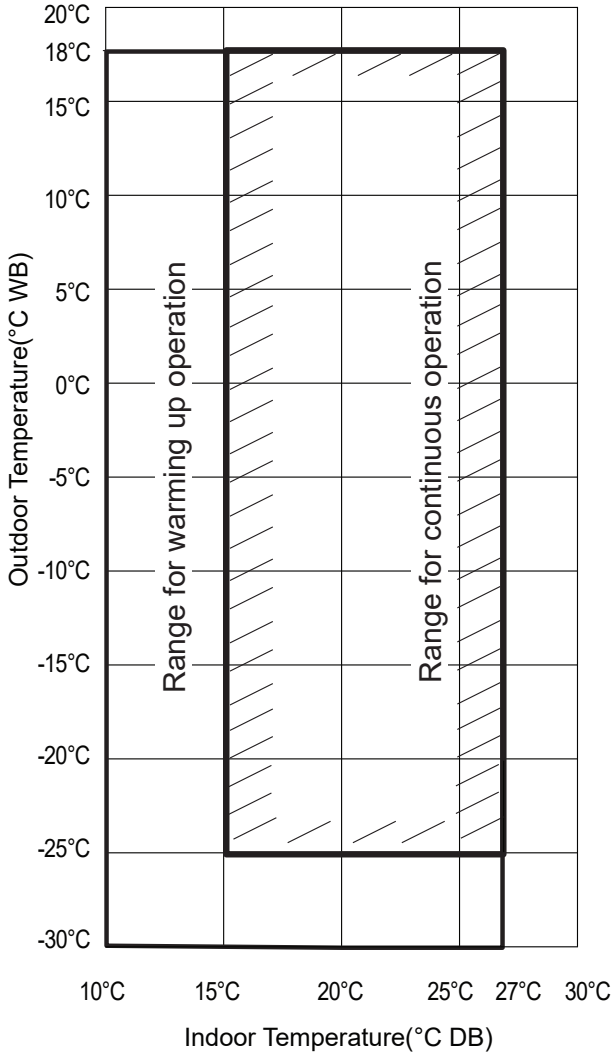


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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37.6.2 Heating

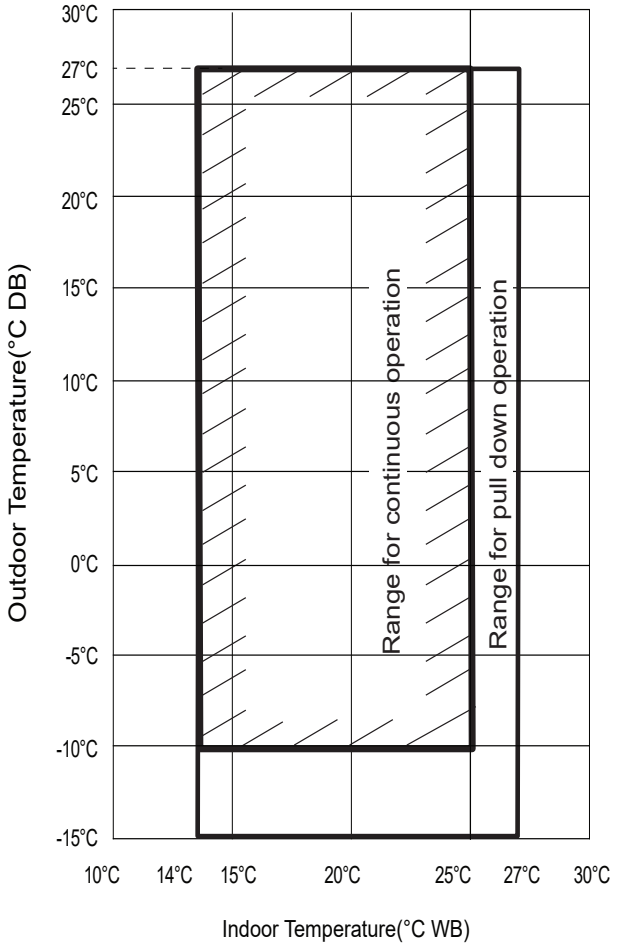


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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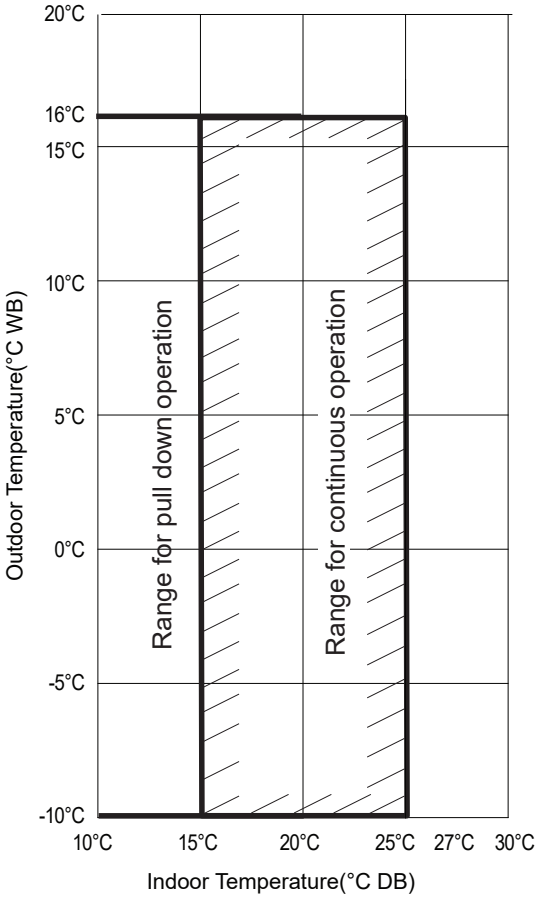
37.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

37.6.4 Simultaneous Operation (Heating)



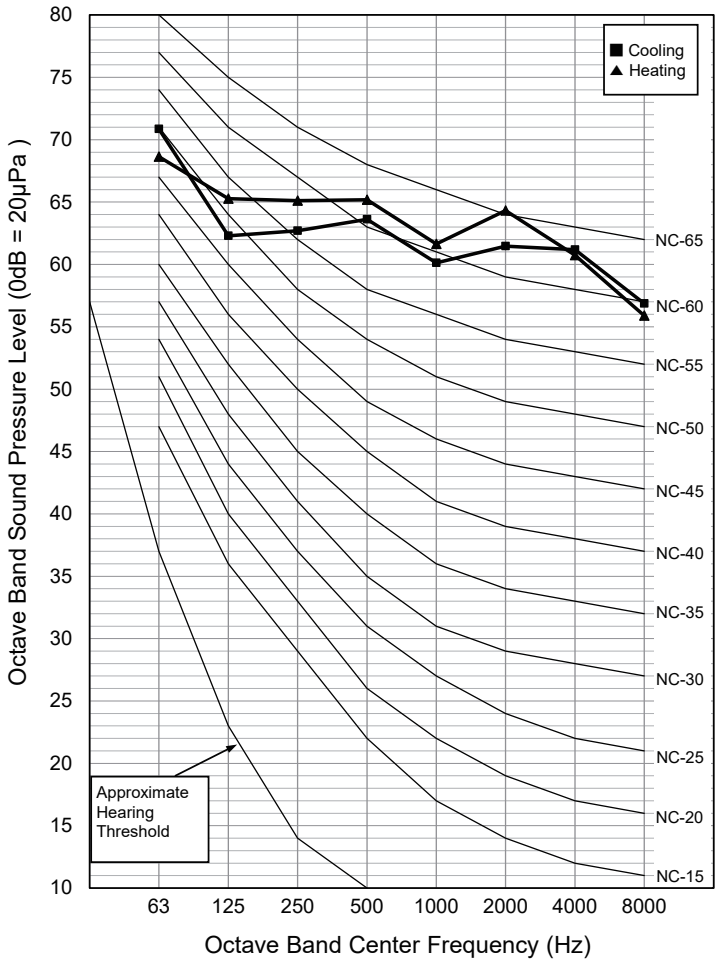
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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37.7 Sound Levels

37.7.1 Pressure Levels



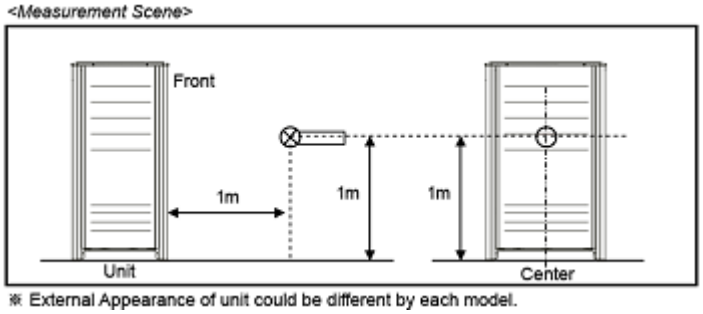
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	70.9	62.3	62.7	63.6	60.1	61.5	61.2	56.9
Heating[dB]	68.6	65.3	65.1	65.2	61.6	64.3	60.7	55.9

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	68.0 / 69.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

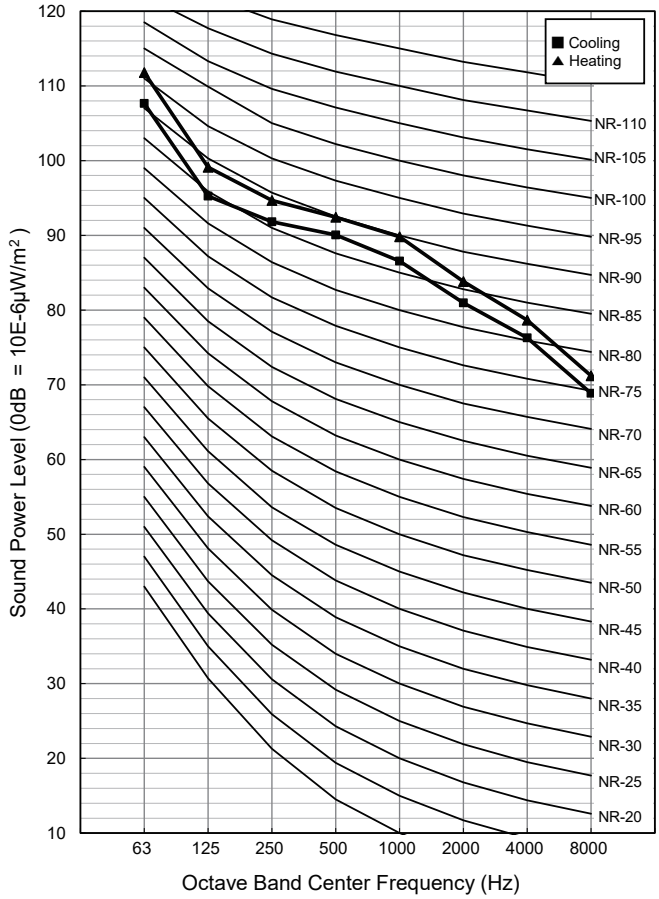
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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37.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.6	95.2	91.8	90.1	86.6	81.0	76.3	68.9
Heating[dB]	111.8	99.1	94.7	92.4	89.8	83.8	78.7	71.2

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	92.0 / 95.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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38.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXB + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM140LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	133.51 - 126.83 - 122.25
	Running Current by Voltage (Heating,Rated)	A	95.23 - 90.47 - 87.2
Cooling Capacity	Rated	kW	229.6
		Btu/h	783,400
Heating Capacity	Rated	kW	229.6
		Btu/h	783,400
	Max	kW	258.3
		Btu/h	881,400
Power Input(Cooling)	Rated	kW	81.72
Power Input(Heating)	Rated	kW	58.29
Efficiency	EER(Rated)	W/W	2.81
	COP(Rated)	W/W	3.94
	SEER	Wh/Wh	7.70
	SCOP	Wh/Wh	4.73
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 7
	Number of Revolution	rev./min	3,600 x 7
	Motor Output	W x No.	5,300 x 7
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	6
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2)
Weight	Net	kg	(362 x 1) + (362 x 1) + (300 x 1) + (255 x 1)
	Shipping	kg	(372 x 1) + (372 x 1) + (310 x 1) + (265 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	61.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	127.338
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	69.5 / 70.6
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.6 / 93.4
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	181.3
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	202.0
	Comp_Maximum Starting Current (MSC)	A	41.3
	Comp_Rated Load Amperes (Cooling)	A	118.5
	Comp_Rated Load Amperes (Heating)	A	80.2
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	15.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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38.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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38.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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38.4 Capacity Tables

38.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	179.3	20.40	226.5	28.76	277.1	42.56	298.3	49.96	322.2	58.46	342.7	65.95	358.5	72.05
	12	179.3	22.34	226.5	31.73	277.1	46.72	298.3	54.60	322.2	63.19	342.7	70.67	358.4	76.58
	14	179.3	24.48	226.5	34.99	277.1	51.25	298.3	59.50	322.2	68.31	342.7	75.79	358.3	81.55
	16	179.3	26.89	226.5	38.60	277.1	56.21	298.3	64.75	322.2	73.79	342.7	81.33	358.1	86.97
	18	179.3	29.55	226.5	42.52	277.1	61.60	298.3	70.43	322.2	79.69	342.7	87.00	357.8	91.41
	20	179.3	32.46	226.5	46.83	277.1	67.49	298.3	76.52	322.2	84.51	342.7	90.76	357.5	94.93
	21	179.3	34.04	226.5	49.13	277.1	70.62	298.3	78.63	322.2	86.56	342.7	92.76	357.3	96.82
	23	179.3	37.45	226.5	54.06	277.1	75.20	298.3	83.02	322.2	90.81	342.7	96.79	356.8	100.7
	25	179.3	41.16	226.5	58.27	277.1	79.70	298.3	87.38	322.2	95.05	342.2	100.9	356.3	104.8
	27	179.3	44.61	226.5	62.20	277.1	84.09	298.3	91.82	322.2	99.67	341.6	105.6	355.8	109.6
	29	179.3	47.64	226.5	66.19	277.1	88.77	298.3	96.62	322.2	104.7	341.1	110.8	353.4	114.5
	31	179.3	50.75	226.5	70.49	277.1	93.84	298.3	101.9	322.2	110.4	340.4	116.8	349.9	119.8
	33	179.3	54.08	226.5	75.10	277.1	99.23	298.3	107.6	321.7	116.6	336.4	122.4	337.2	122.5
	35	179.3	57.62	226.5	80.07	277.1	105.0	298.3	113.9	316.9	121.8	317.7	121.9	318.7	122.1
	37	179.3	61.41	226.5	85.42	277.1	111.3	296.3	120.1	297.1	120.2	297.0	120.2	297.0	120.3
	39	179.3	65.44	226.5	91.17	275.2	117.3	275.6	117.5	275.7	117.4	275.4	117.4	275.4	117.4
	41	179.3	69.76	226.5	97.49	255.0	114.1	254.6	114.1	254.6	114.0	254.3	114.0	254.6	114.0
	43	179.3	74.42	226.5	104.5	234.4	109.5	234.0	109.5	234.0	109.4	234.0	109.5	234.0	109.4
	46	179.3	82.13	205.6	100.4	205.0	100.1	205.2	100.2	205.0	100.1	204.9	100.1	205.0	100.1
	48	179.3	87.83	186.9	93.44	186.7	93.43	186.8	93.35	186.7	93.38	186.7	93.42	186.5	93.35
	50	169.9	87.50	169.8	87.39	169.4	87.38	169.4	87.26	169.4	87.32	169.1	87.18	169.3	87.27
	52	151.2	77.47	152.8	73.91	153.1	70.35	152.9	69.59	153.1	68.81	153.1	68.10	153.1	67.62
120	10	165.5	18.61	209.1	25.22	255.7	36.08	275.4	42.04	297.6	49.67	316.4	56.33	331.1	61.68
	12	165.5	20.28	209.1	27.81	255.7	39.75	275.4	46.16	297.6	54.28	316.4	61.03	331.1	66.41
	14	165.5	22.14	209.1	30.63	255.7	43.78	275.4	50.66	297.6	59.21	316.4	66.11	331.1	71.50
	16	165.5	24.22	209.1	33.77	255.7	48.15	275.4	55.55	297.6	64.45	316.4	71.61	331.1	77.04
	18	165.5	26.52	209.1	37.21	255.7	52.96	275.4	60.90	297.6	70.11	316.4	77.48	331.1	83.02
	20	165.5	29.09	209.1	40.98	255.7	58.22	275.4	66.75	297.6	76.21	316.4	82.62	331.1	87.26
	21	165.5	30.47	209.1	43.01	255.7	61.02	275.4	69.85	297.6	78.33	316.4	84.67	331.1	89.29
	23	165.5	33.46	209.1	47.34	255.7	66.13	275.4	74.48	297.6	82.74	316.4	88.97	331.1	93.46
	25	165.5	36.74	209.1	51.69	255.7	70.50	275.4	79.11	297.6	87.10	316.4	93.20	331.1	97.71
	27	165.5	40.18	209.1	55.28	255.7	74.91	275.4	83.46	297.6	91.55	316.4	97.79	331.1	102.4
	29	165.5	42.94	209.1	58.87	255.7	79.61	275.4	88.13	297.6	96.34	316.4	102.8	330.9	107.5
	31	165.5	45.74	209.1	62.69	255.7	84.66	275.4	93.16	297.6	101.5	316.4	108.3	330.3	113.2
	33	165.5	48.73	209.1	66.78	255.7	90.12	275.4	98.58	297.6	107.3	316.4	114.5	329.6	119.7
	35	165.5	51.93	209.1	71.17	255.7	95.48	275.4	104.3	297.6	113.6	315.9	121.4	317.5	121.9
	37	165.5	55.35	209.1	75.88	255.7	101.3	275.4	110.5	296.3	120.0	297.1	120.2	297.0	120.2
	39	165.5	58.96	209.1	80.98	255.7	107.7	274.9	117.3	275.7	117.5	275.6	117.5	275.6	117.5
	41	165.5	62.84	209.1	86.51	254.8	114.0	254.7	114.0	254.6	114.0	254.5	114.0	254.6	114.0
	43	165.5	67.01	209.1	92.56	234.4	109.5	234.2	109.5	234.2	109.5	234.1	109.5	234.0	109.5
	46	165.5	73.82	205.3	100.3	205.2	100.1	205.2	100.1	205.2	100.2	205.0	100.1	205.0	100.1
	48	165.5	78.81	187.1	93.46	186.8	93.42	186.9	93.51	186.7	93.38	186.5	93.29	186.7	93.40
	50	165.0	83.94	169.8	87.35	169.4	87.25	169.4	87.25	169.4	87.25	169.4	87.36	169.2	87.20
	52	150.7	78.72	152.2	75.41	153.1	71.81	153.1	71.09	152.9	70.27	153.1	69.72	153.1	69.40
110	10	151.7	17.06	191.6	22.24	234.4	30.59	252.5	35.16	272.7	41.20	290.0	46.94	303.6	51.90
	12	151.7	18.48	191.6	24.40	234.4	33.75	252.5	38.76	272.7	45.26	290.0	51.39	303.6	56.46
	14	151.7	20.06	191.6	26.84	234.4	37.21	252.5	42.70	272.7	49.68	290.0	56.25	303.6	61.36

38. ARUM820LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	151.7	21.85	191.6	29.54	234.4	41.01	252.5	47.01	272.7	54.52	290.0	61.54	303.6	66.69
	18	151.7	23.84	191.6	32.51	234.4	45.20	252.5	51.69	272.7	59.80	290.0	67.23	303.6	72.46
	20	151.7	26.06	191.6	35.78	234.4	49.73	252.5	56.84	272.7	65.54	290.0	73.21	303.6	78.36
	21	151.7	27.25	191.6	37.54	234.4	52.17	252.5	59.60	272.7	68.63	290.0	75.70	303.6	80.47
	23	151.7	29.85	191.6	41.29	234.4	57.39	252.5	64.79	272.7	73.33	290.0	80.01	303.6	84.82
	25	151.7	32.73	191.6	45.43	234.4	61.47	252.5	69.12	272.7	78.03	290.0	84.43	303.6	89.08
	27	151.7	35.89	191.6	48.83	234.4	65.57	252.5	73.47	272.7	82.46	290.0	88.97	303.6	93.58
	29	151.7	38.54	191.6	52.10	234.4	69.77	252.5	78.06	272.7	87.10	290.0	93.70	303.6	98.43
	31	151.7	41.06	191.6	55.49	234.4	74.29	252.5	83.03	272.7	92.06	290.0	98.79	303.6	103.7
	33	151.7	43.74	191.6	59.11	234.4	79.15	252.5	88.41	272.7	97.44	290.0	104.3	303.6	109.6
	35	151.7	46.60	191.6	62.99	234.4	84.29	252.5	94.01	272.7	103.2	290.0	110.4	303.6	116.1
	37	151.7	49.65	191.6	67.12	234.4	89.92	252.5	99.72	272.7	109.3	290.0	117.2	297.2	120.2
	39	151.7	52.92	191.6	71.56	234.4	96.05	252.5	106.0	272.7	116.1	275.6	117.4	275.8	117.5
	41	151.7	56.41	191.6	76.36	234.4	102.9	252.5	112.9	254.7	114.0	254.4	114.0	254.6	114.0
	43	151.7	60.12	191.6	81.53	234.1	109.4	234.4	109.5	234.2	109.5	234.2	109.5	234.3	109.5
	46	151.7	66.18	191.6	90.16	205.2	100.2	205.2	100.2	205.0	100.1	205.0	100.1	204.9	100.1
	48	151.7	70.57	187.1	93.56	186.9	93.48	186.9	93.48	186.8	93.38	186.6	93.37	186.6	93.33
	50	151.7	75.32	169.8	87.48	169.5	87.29	169.4	87.33	169.4	87.22	169.4	87.28	169.4	87.34
	52	150.1	79.43	151.4	77.00	153.2	73.63	153.0	72.89	153.1	72.14	152.9	71.44	153.1	70.60
100	10	138.0	15.49	174.2	19.70	213.2	26.02	229.6	29.47	248.0	33.95	263.7	38.38	276.0	42.22
	12	138.0	16.94	174.2	21.55	213.2	28.68	229.6	32.49	248.0	37.45	263.7	42.26	276.0	46.34
	14	138.0	18.27	174.2	23.58	213.2	31.61	229.6	35.85	248.0	41.25	263.7	46.47	276.0	50.87
	16	138.0	19.77	174.2	25.84	213.2	34.85	229.6	39.52	248.0	45.44	263.7	51.09	276.0	55.77
	18	138.0	21.44	174.2	28.38	213.2	38.40	229.6	43.54	248.0	50.00	263.7	56.12	276.0	61.15
	20	138.0	23.34	174.2	31.17	213.2	42.30	229.6	47.94	248.0	54.99	263.7	61.58	276.0	67.01
	21	138.0	24.35	174.2	32.66	213.2	44.39	229.6	50.29	248.0	57.67	263.7	64.50	276.0	70.14
	23	138.0	26.59	174.2	35.91	213.2	48.87	229.6	55.33	248.0	62.93	263.7	69.42	276.0	74.74
	25	138.0	29.08	174.2	39.47	213.2	53.19	229.6	59.50	248.0	67.19	263.7	73.98	276.0	79.30
	27	138.0	31.83	174.2	42.90	213.2	56.85	229.6	63.48	248.0	71.49	263.7	78.52	276.0	83.68
	29	138.0	34.43	174.2	45.85	213.2	60.54	229.6	67.56	248.0	75.98	263.7	83.44	276.0	88.35
	31	138.0	36.69	174.2	48.84	213.2	64.48	229.6	71.94	248.0	80.80	263.7	88.35	276.0	93.39
	33	138.0	39.07	174.2	52.04	213.2	68.69	229.6	76.64	248.0	86.02	263.7	93.51	276.0	98.82
	35	138.0	41.62	174.2	55.46	213.2	73.20	229.6	81.74	248.0	91.72	263.7	99.11	276.0	104.5
	37	138.0	44.35	174.2	59.09	213.2	78.06	229.6	87.14	248.0	97.57	263.7	105.2	276.0	110.8
	39	138.0	47.25	174.2	62.97	213.2	83.32	229.6	93.04	248.0	103.6	263.7	111.7	275.0	117.3
	41	138.0	50.37	174.2	67.14	213.2	89.06	229.6	99.55	248.0	110.3	254.8	114.1	254.7	114.0
	43	138.0	53.68	174.2	71.58	213.2	95.32	229.6	106.7	234.2	109.5	234.2	109.5	234.2	109.5
	46	138.0	59.09	174.2	78.94	205.3	100.2	205.3	100.2	205.1	100.1	205.1	100.1	205.0	100.1
	48	138.0	62.99	174.2	84.35	187.2	93.51	186.8	93.47	186.9	93.42	186.8	93.37	186.9	93.39
	50	138.0	67.17	170.0	87.44	169.7	87.37	169.5	87.27	169.6	87.38	169.6	87.37	169.4	87.36
	52	138.0	71.65	151.0	77.93	152.1	75.45	152.8	74.44	152.9	73.31	153.1	72.23	153.1	71.41
90	10	124.1	14.15	156.8	17.61	191.7	22.26	206.7	24.79	223.1	28.06	237.4	31.26	248.4	34.07
	12	124.1	15.62	156.8	19.09	191.7	24.46	206.7	27.30	223.1	30.96	237.4	34.50	248.4	37.56
	14	124.1	16.71	156.8	20.80	191.7	26.88	206.7	30.07	223.1	34.14	237.4	38.04	248.4	41.40
	16	124.1	17.95	156.8	22.68	191.7	29.59	206.7	33.13	223.1	37.64	237.4	41.93	248.4	45.59
	18	124.1	19.35	156.8	24.79	191.7	32.56	206.7	36.52	223.1	41.48	237.4	46.18	248.4	50.16
	20	124.1	20.93	156.8	27.12	191.7	35.84	206.7	40.20	223.1	45.67	237.4	50.83	248.4	55.17
	21	124.1	21.80	156.8	28.39	191.7	37.60	206.7	42.21	223.1	47.93	237.4	53.31	248.4	57.85
	23	124.1	23.67	156.8	31.12	191.7	41.38	206.7	46.45	223.1	52.75	237.4	58.61	248.4	63.10
	25	124.1	25.77	156.8	34.15	191.7	45.52	206.7	50.82	223.1	56.99	237.4	62.68	248.4	67.38
	27	124.1	28.13	156.8	37.47	191.7	48.92	206.7	54.34	223.1	60.87	237.4	66.81	248.4	71.67

38. ARUM820LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	124.1	30.63	156.8	40.12	191.7	52.17	206.7	57.88	223.1	64.80	237.4	71.10	248.4	76.18
	31	124.1	32.64	156.8	42.74	191.7	55.58	206.7	61.66	223.1	68.98	237.4	75.70	248.4	81.01
	33	124.1	34.72	156.8	45.51	191.7	59.21	206.7	65.67	223.1	73.50	237.4	80.56	248.4	86.24
	35	124.1	36.97	156.8	48.50	191.7	63.09	206.7	69.98	223.1	78.35	237.4	85.84	248.4	91.95
	37	124.1	39.37	156.8	51.67	191.7	67.25	206.7	74.61	223.1	83.60	237.4	91.57	248.4	97.77
	39	124.1	41.96	156.8	55.06	191.7	71.69	206.7	79.60	223.1	89.26	237.4	97.88	248.4	103.9
	41	124.1	44.73	156.8	58.69	191.7	76.48	206.7	85.04	223.1	95.40	237.4	104.4	248.4	110.6
	43	124.1	47.69	156.8	62.56	191.7	81.66	206.7	90.93	223.1	102.1	234.4	109.5	234.4	109.5
	46	124.1	52.49	156.8	68.87	191.7	90.31	205.3	100.2	205.3	100.2	205.2	100.2	205.3	100.3
	48	124.1	55.96	156.8	73.50	187.3	93.64	187.1	93.58	187.1	93.50	186.9	93.48	186.8	93.49
	50	124.1	59.66	156.8	78.45	169.7	87.41	169.7	87.38	169.6	87.33	169.5	87.28	169.7	87.43
	52	124.1	63.63	150.2	79.13	151.7	76.52	152.3	75.48	153.0	74.33	153.1	73.25	153.1	72.41
80	10	110.3	12.59	139.4	15.64	170.5	19.23	183.5	21.01	198.5	23.34	210.8	25.59	220.8	27.56
	12	110.3	14.49	139.4	17.07	170.5	20.99	183.5	23.05	198.5	25.66	210.8	28.21	220.8	30.39
	14	110.3	15.36	139.4	18.43	170.5	22.95	183.5	25.28	198.5	28.25	210.8	31.08	220.8	33.52
	16	110.3	16.36	139.4	19.96	170.5	25.14	183.5	27.78	198.5	31.13	210.8	34.27	220.8	36.97
	18	110.3	17.50	139.4	21.68	170.5	27.59	183.5	30.54	198.5	34.26	210.8	37.76	220.8	40.74
	20	110.3	18.80	139.4	23.60	170.5	30.27	183.5	33.60	198.5	37.72	210.8	41.61	220.8	44.87
	21	110.3	19.51	139.4	24.63	170.5	31.71	183.5	35.23	198.5	39.60	210.8	43.65	220.8	47.07
	23	110.3	21.08	139.4	26.90	170.5	34.83	183.5	38.77	198.5	43.59	210.8	48.05	220.8	51.81
	25	110.3	22.84	139.4	29.41	170.5	38.30	183.5	42.63	198.5	47.92	210.8	52.40	220.8	56.08
	27	110.3	24.81	139.4	32.20	170.5	41.74	183.5	46.05	198.5	51.28	210.8	56.03	220.8	59.91
	29	110.3	27.02	139.4	34.83	170.5	44.58	183.5	49.17	198.5	54.67	210.8	59.67	220.8	63.79
	31	110.3	28.91	139.4	37.12	170.5	47.51	183.5	52.39	198.5	58.24	210.8	63.55	220.8	67.90
	33	110.3	30.69	139.4	39.53	170.5	50.62	183.5	55.81	198.5	62.03	210.8	67.68	220.8	72.33
	35	110.3	32.65	139.4	42.11	170.5	53.94	183.5	59.46	198.5	66.11	210.8	72.12	220.8	77.12
	37	110.3	34.75	139.4	44.85	170.5	57.48	183.5	63.36	198.5	70.45	210.8	76.92	220.8	82.28
	39	110.3	37.02	139.4	47.81	170.5	61.24	183.5	67.54	198.5	75.13	210.8	82.09	220.8	87.87
	41	110.3	39.46	139.4	50.95	170.5	65.29	183.5	72.02	198.5	80.18	210.8	87.71	220.8	93.88
	43	110.3	42.08	139.4	54.32	170.5	69.61	183.5	76.85	198.5	85.68	210.8	93.87	220.8	100.5
	46	110.3	46.34	139.4	59.78	170.5	76.72	183.5	84.85	198.5	94.91	205.3	100.2	205.2	100.2
	48	110.3	49.44	139.4	63.73	170.5	81.96	183.2	90.61	187.1	93.47	187.1	93.53	187.0	93.51
	50	110.3	52.72	139.4	67.97	169.1	86.89	169.7	87.45	169.7	87.42	169.6	87.34	169.4	87.30
	52	110.3	56.22	139.4	72.51	151.1	77.91	151.7	76.83	152.2	75.64	152.7	74.57	152.9	73.72
70	10	96.70	10.47	121.9	13.95	149.3	16.77	160.6	18.04	173.5	19.63	184.5	21.16	193.1	22.48
	12	96.70	13.53	121.9	15.41	149.3	18.18	160.6	19.62	173.5	21.45	184.5	23.20	193.1	24.71
	14	96.70	14.21	121.9	16.47	149.3	19.72	160.6	21.38	173.5	23.47	184.5	25.46	193.1	27.18
	16	96.70	15.00	121.9	17.67	149.3	21.45	160.6	23.36	173.5	25.73	184.5	27.99	193.1	29.90
	18	96.70	15.90	121.9	19.04	149.3	23.38	160.6	25.54	173.5	28.24	184.5	30.78	193.1	32.90
	20	96.70	16.93	121.9	20.57	149.3	25.52	160.6	27.98	173.5	31.01	184.5	33.84	193.1	36.24
	21	96.70	17.51	121.9	21.41	149.3	26.69	160.6	29.30	173.5	32.51	184.5	35.51	193.1	38.00
	23	96.70	18.79	121.9	23.24	149.3	29.21	160.6	32.14	173.5	35.73	184.5	39.05	193.1	41.83
	25	96.70	20.21	121.9	25.29	149.3	32.03	160.6	35.28	173.5	39.28	184.5	42.95	193.1	46.01
	27	96.70	21.83	121.9	27.58	149.3	35.10	160.6	38.68	173.5	42.72	184.5	46.39	193.1	49.39
	29	96.70	23.67	121.9	30.04	149.3	37.75	160.6	41.36	173.5	45.63	184.5	49.53	193.1	52.69
	31	96.70	25.45	121.9	32.01	149.3	40.22	160.6	44.04	173.5	48.63	184.5	52.76	193.1	56.14
	33	96.70	26.99	121.9	34.05	149.3	42.84	160.6	46.93	173.5	51.81	184.5	56.21	193.1	59.80
	35	96.70	28.65	121.9	36.25	149.3	45.65	160.6	50.01	173.5	55.20	184.5	59.87	193.1	63.71
	37	96.70	30.49	121.9	38.61	149.3	48.63	160.6	53.28	173.5	58.82	184.5	63.81	193.1	67.90
	39	96.70	32.45	121.9	41.14	149.3	51.84	160.6	56.79	173.5	62.69	184.5	68.01	193.1	72.40
	41	96.70	34.57	121.9	43.86	149.3	55.25	160.6	60.53	173.5	66.83	184.5	72.54	193.1	77.25

38. ARUM820LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	96.70	36.86	121.9	46.76	149.3	58.88	160.6	64.51	173.5	71.27	184.5	77.40	193.1	82.48
	46	96.70	40.62	121.9	51.46	149.3	64.82	160.6	71.06	173.5	78.57	184.5	85.48	193.1	91.26
	48	96.70	43.35	121.9	54.87	149.3	69.12	160.6	75.82	173.5	83.96	184.0	91.19	187.2	93.61
	50	96.70	46.25	121.9	58.51	149.3	73.75	160.6	80.97	170.0	87.55	169.7	87.38	169.7	87.35
	52	96.70	49.35	121.9	62.38	148.6	78.37	150.5	78.62	151.4	77.41	151.9	76.28	152.2	75.45
60	10	82.70	8.54	104.5	11.62	127.8	14.49	137.7	15.46	148.7	16.72	158.2	17.76	165.7	18.62
	12	82.70	12.07	104.5	14.06	127.8	15.93	137.7	16.91	148.7	18.14	158.2	19.28	165.7	20.29
	14	82.70	13.01	104.5	14.84	127.8	17.10	137.7	18.24	148.7	19.66	158.2	21.01	165.7	22.14
	16	82.70	13.63	104.5	15.76	127.8	18.41	137.7	19.74	148.7	21.36	158.2	22.93	165.7	24.22
	18	82.70	14.38	104.5	16.80	127.8	19.89	137.7	21.41	148.7	23.29	158.2	25.07	165.7	26.54
	20	82.70	15.19	104.5	17.98	127.8	21.55	137.7	23.30	148.7	25.45	158.2	27.44	165.7	29.11
	21	82.70	15.66	104.5	18.63	127.8	22.45	137.7	24.32	148.7	26.60	158.2	28.72	165.7	30.50
	23	82.70	16.68	104.5	20.06	127.8	24.43	137.7	26.53	148.7	29.11	158.2	31.51	165.7	33.48
	25	82.70	17.84	104.5	21.68	127.8	26.64	137.7	29.01	148.7	31.90	158.2	34.55	165.7	36.76
	27	82.70	19.17	104.5	23.50	127.8	29.10	137.7	31.77	148.7	34.98	158.2	37.92	165.7	40.18
	29	82.70	20.65	104.5	25.55	127.8	31.63	137.7	34.37	148.7	37.63	158.2	40.59	165.7	42.96
	31	82.70	22.28	104.5	27.39	127.8	33.69	137.7	36.63	148.7	40.11	158.2	43.23	165.7	45.76
	33	82.70	23.59	104.5	29.08	127.8	35.86	137.7	39.00	148.7	42.72	158.2	46.04	165.7	48.76
	35	82.70	24.98	104.5	30.92	127.8	38.18	137.7	41.53	148.7	45.50	158.2	49.06	165.7	51.96
	37	82.70	26.53	104.5	32.90	127.8	40.67	137.7	44.26	148.7	48.48	158.2	52.28	165.7	55.35
	39	82.70	28.20	104.5	35.04	127.8	43.35	137.7	47.16	148.7	51.68	158.2	55.71	165.7	58.99
	41	82.70	30.04	104.5	37.34	127.8	46.22	137.7	50.28	148.7	55.08	158.2	59.38	165.7	62.88
	43	82.70	32.01	104.5	39.81	127.8	49.27	137.7	53.58	148.7	58.69	158.2	63.30	165.7	67.04
	46	82.70	35.29	104.5	43.86	127.8	54.23	137.7	58.97	148.7	64.61	158.2	69.68	165.7	73.85
	48	82.70	37.69	104.5	46.79	127.8	57.81	137.7	62.86	148.7	68.90	158.2	74.36	165.7	78.85
	50	82.70	40.22	104.5	49.92	127.8	61.64	137.7	67.04	148.7	73.51	158.2	79.40	165.2	84.00
	52	82.70	42.98	104.5	53.24	127.8	65.72	137.7	71.52	148.1	78.14	150.6	78.75	151.1	77.89
50	10	69.00	6.69	87.10	9.17	106.6	11.96	114.8	13.34	124.0	14.13	131.9	14.87	138.1	15.49
	12	69.00	10.03	87.10	12.59	106.6	14.21	114.8	14.83	124.0	15.60	131.9	16.33	138.1	16.94
	14	69.00	11.64	87.10	13.45	106.6	15.02	114.8	15.76	124.0	16.69	131.9	17.54	138.1	18.28
	16	69.00	12.14	87.10	14.11	106.6	15.95	114.8	16.84	124.0	17.92	131.9	18.93	138.1	19.77
	18	69.00	12.72	87.10	14.88	106.6	17.04	114.8	18.06	124.0	19.32	131.9	20.49	138.1	21.46
	20	69.00	13.38	87.10	15.77	106.6	18.26	114.8	19.45	124.0	20.90	131.9	22.23	138.1	23.36
	21	69.00	13.75	87.10	16.24	106.6	18.93	114.8	20.20	124.0	21.76	131.9	23.18	138.1	24.39
	23	69.00	14.56	87.10	17.34	106.6	20.42	114.8	21.88	124.0	23.63	131.9	25.27	138.1	26.62
	25	69.00	15.49	87.10	18.56	106.6	22.07	114.8	23.74	124.0	25.75	131.9	27.57	138.1	29.08
	27	69.00	16.53	87.10	19.97	106.6	23.97	114.8	25.83	124.0	28.10	131.9	30.14	138.1	31.83
	29	69.00	17.74	87.10	21.57	106.6	26.05	114.8	28.17	124.0	30.59	131.9	32.72	138.1	34.43
	31	69.00	19.08	87.10	23.26	106.6	27.92	114.8	30.06	124.0	32.60	131.9	34.86	138.1	36.70
	33	69.00	20.26	87.10	24.63	106.6	29.64	114.8	31.96	124.0	34.66	131.9	37.11	138.1	39.09
	35	69.00	21.42	87.10	26.10	106.6	31.51	114.8	33.99	124.0	36.91	131.9	39.52	138.1	41.64
	37	69.00	22.68	87.10	27.72	106.6	33.53	114.8	36.20	124.0	39.33	131.9	42.09	138.1	44.36
	39	69.00	24.09	87.10	29.50	106.6	35.74	114.8	38.57	124.0	41.90	131.9	44.87	138.1	47.29
	41	69.00	25.64	87.10	31.40	106.6	38.08	114.8	41.10	124.0	44.66	131.9	47.83	138.1	50.40
	43	69.00	27.34	87.10	33.49	106.6	40.61	114.8	43.81	124.0	47.63	131.9	50.98	138.1	53.70
	46	69.00	30.24	87.10	36.91	106.6	44.74	114.8	48.27	124.0	52.41	131.9	56.12	138.1	59.10
	48	69.00	32.32	87.10	39.40	106.6	47.70	114.8	51.46	124.0	55.88	131.9	59.83	138.1	63.02
	50	69.00	34.59	87.10	42.06	106.6	50.89	114.8	54.88	124.0	59.57	131.9	63.78	138.1	67.19
	52	69.00	37.01	87.10	44.93	106.6	54.28	114.8	58.51	124.0	63.54	131.9	68.02	138.1	71.68

38. ARUM820LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

38. ARUM820LTE6

38.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	48.80	3.77	78.30	6.02	111.0	8.59	118.9	9.23	126.7	9.91	134.9	10.63	143.5	11.51
	12	48.80	3.77	78.30	6.04	111.0	8.65	118.9	9.29	126.7	9.98	134.9	10.72	143.5	11.64
	14	48.80	3.79	78.30	6.07	111.0	8.75	118.9	9.42	126.7	10.13	134.9	10.89	143.5	11.86
	16	48.80	3.79	78.30	6.14	111.0	8.92	118.9	9.64	126.7	10.39	134.9	11.23	143.5	12.34
	18	48.80	3.82	78.30	6.27	111.0	9.30	118.9	10.12	126.7	10.99	134.9	11.96	143.5	13.38
	20	48.80	3.94	78.30	6.59	111.0	10.31	118.9	11.36	126.7	12.53	134.9	13.84	143.5	16.13
	21	55.30	4.83	84.40	8.17	116.9	13.77	124.7	14.67	132.3	15.67	140.1	16.69	148.2	18.36
	23	68.20	11.13	97.10	13.85	129.2	17.74	136.4	18.75	143.9	19.85	150.6	20.87	157.8	22.53
	25	81.60	13.82	109.7	17.21	141.8	22.25	148.6	23.48	155.8	24.83	161.2	25.93	167.5	27.88
	27	95.00	17.46	123.0	21.75	154.5	28.21	161.0	29.72	167.8	31.26	172.2	32.28	187.3	36.86
	29	109.0	22.40	136.3	27.54	167.7	34.95	173.9	36.53	180.4	38.26	191.2	41.31	221.6	52.05
	31	123.4	28.26	150.0	34.15	181.1	42.99	186.9	44.75	203.0	50.03	226.2	58.30	255.9	72.28
	33	138.1	35.44	164.2	42.36	194.8	52.88	214.5	60.35	238.8	70.58	261.1	81.05	290.0	97.21
	35	153.4	44.55	178.7	52.57	228.6	73.95	250.1	84.85	274.3	97.26	295.9	106.8	324.2	120.9
	37	153.4	47.51	178.7	56.06	228.6	78.90	250.1	90.53	274.3	103.3	295.9	113.3	304.8	119.4
	39	153.4	50.67	178.7	59.78	228.6	84.27	250.1	96.77	274.3	109.9	285.7	115.3	282.4	116.0
	41	153.4	54.03	178.7	63.74	228.6	90.10	250.1	103.7	263.9	111.1	263.9	111.1	260.6	112.0
	43	153.4	57.62	178.7	67.99	228.6	96.50	242.8	105.9	242.6	105.8	242.4	105.8	239.7	107.3
	46	153.4	63.44	178.7	74.92	212.7	95.98	212.7	95.98	212.6	95.97	212.4	95.81	210.0	97.21
	48	153.4	67.67	178.7	80.01	193.8	89.62	193.9	89.71	193.8	89.71	193.4	89.59	191.1	90.65
	50	153.4	72.18	176.2	84.03	175.7	83.90	175.8	83.97	175.7	83.88	175.5	83.83	173.3	84.73
	52	151.8	76.25	154.1	71.91	156.1	68.66	156.5	68.01	156.9	67.31	157.5	66.73	156.6	67.07
120	10	45.10	3.49	72.30	5.55	102.5	7.90	109.6	8.49	116.9	9.07	124.5	9.70	132.3	10.50
	12	45.10	3.49	72.30	5.57	102.5	7.96	109.6	8.53	116.9	9.13	124.5	9.79	132.3	10.60
	14	45.10	3.49	72.30	5.58	102.5	8.02	109.6	8.62	116.9	9.26	124.5	9.92	132.3	10.79
	16	45.10	3.51	72.30	5.63	102.5	8.16	109.6	8.81	116.9	9.45	124.5	10.18	132.3	11.14
	18	45.10	3.54	72.30	5.73	102.5	8.47	109.6	9.17	116.9	9.91	124.5	10.75	132.3	11.97
	20	45.10	3.60	72.30	5.99	102.5	9.24	109.6	10.15	116.9	11.10	124.5	12.19	132.3	14.18
	21	50.90	4.36	77.90	7.29	107.9	12.04	115.1	13.46	122.3	14.37	129.2	15.25	136.7	16.81
	23	63.00	10.63	89.50	13.07	119.3	16.44	126.0	17.30	132.9	18.25	139.0	19.12	145.6	20.56
	25	75.20	13.06	101.4	16.06	130.8	20.40	137.1	21.48	143.8	22.62	148.9	23.54	154.7	25.24
	27	87.80	16.34	113.5	20.06	142.6	25.63	148.7	26.90	154.8	28.30	159.0	29.24	172.9	33.25
	29	100.8	20.75	125.8	25.32	154.7	31.78	160.3	33.15	166.4	34.63	176.6	37.27	204.6	46.49
	31	113.9	26.09	138.4	31.21	167.1	38.84	172.5	40.39	187.3	44.93	208.8	52.01	236.1	63.93
	33	127.5	32.46	151.7	38.47	180.0	47.57	198.1	54.02	220.4	62.73	240.9	71.60	267.6	86.77
	35	141.5	40.52	165.0	47.48	211.1	65.85	230.9	75.12	253.2	86.39	273.0	96.70	299.3	110.2
	37	141.5	43.23	165.0	50.64	211.1	70.23	230.9	80.16	253.2	92.23	273.0	102.7	299.3	117.1
	39	141.5	46.09	165.0	54.00	211.1	74.93	230.9	85.62	253.2	98.60	273.0	109.2	282.4	116.0
	41	141.5	49.14	165.0	57.59	211.1	79.98	230.9	91.57	253.2	105.5	264.0	111.1	260.8	112.1
	43	141.5	52.41	165.0	61.39	211.1	85.47	230.9	98.02	242.8	105.9	242.6	105.8	239.7	107.2
	46	141.5	57.74	165.0	67.63	211.0	94.56	212.8	96.00	212.6	95.93	212.5	95.91	210.0	97.22
	48	141.5	61.57	165.0	72.14	193.7	89.63	193.7	89.61	193.8	89.66	193.6	89.59	191.1	90.72
	50	141.5	65.65	165.0	76.99	175.7	83.86	175.9	83.97	175.8	83.93	175.9	83.96	173.6	84.92
	52	141.5	70.05	153.3	73.27	155.3	69.99	155.8	69.35	156.0	68.65	156.4	68.19	156.3	68.80
110	10	41.40	3.17	66.30	5.08	93.90	7.23	100.5	7.74	107.2	8.28	114.1	8.85	121.3	9.53
	12	41.40	3.17	66.30	5.08	93.90	7.27	100.5	7.80	107.2	8.33	114.1	8.90	121.3	9.61
	14	41.40	3.19	66.30	5.11	93.90	7.33	100.5	7.86	107.2	8.43	114.1	9.00	121.3	9.75
	16	41.40	3.20	66.30	5.14	93.90	7.43	100.5	7.99	107.2	8.59	114.1	9.20	121.3	10.02
	18	41.40	3.22	66.30	5.23	93.90	7.65	100.5	8.28	107.2	8.92	114.1	9.62	121.3	10.63

38. ARUM820LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	41.40	3.28	66.30	5.42	93.90	8.25	100.5	9.02	107.2	9.83	114.1	10.73	121.3	12.32
	21	46.80	3.94	71.40	6.47	99.00	10.42	105.5	11.57	112.0	12.83	118.5	13.94	125.4	15.23
	23	57.80	10.16	82.00	12.30	109.4	15.24	115.5	15.96	121.7	16.76	127.4	17.48	133.6	18.75
	25	69.00	12.31	93.00	14.97	119.9	18.69	125.8	19.60	131.8	20.56	136.4	21.35	141.8	22.78
	27	80.50	15.23	103.9	18.49	130.8	23.23	136.3	24.31	142.0	25.48	145.9	26.29	158.6	29.86
	29	92.30	19.17	115.2	23.16	141.8	28.79	147.0	29.95	152.4	31.23	161.9	33.50	187.5	41.35
	31	104.5	24.02	127.1	28.44	153.2	35.01	158.2	36.31	171.8	40.18	191.4	46.20	216.6	56.30
	33	116.9	29.65	139.0	34.81	165.0	42.62	181.5	48.09	202.0	55.50	221.0	62.95	245.3	75.82
	35	129.7	36.74	151.3	42.71	193.4	58.39	211.8	66.19	232.0	75.68	250.4	84.89	274.3	99.40
	37	129.7	39.17	151.3	45.54	193.4	62.27	211.8	70.59	232.0	80.78	250.4	90.59	274.3	105.6
	39	129.7	41.78	151.3	48.57	193.4	66.39	211.8	75.30	232.0	86.27	250.4	96.82	274.3	112.2
	41	129.7	44.56	151.3	51.81	193.4	70.81	211.8	80.40	232.0	92.28	250.4	103.7	261.0	112.1
	43	129.7	47.52	151.3	55.26	193.4	75.57	211.8	85.91	232.0	98.77	242.7	105.9	239.9	107.4
	46	129.7	52.35	151.3	60.84	193.4	83.41	211.5	95.00	212.8	96.01	212.7	95.92	209.9	97.16
	48	129.7	55.84	151.3	64.88	192.7	88.81	193.7	89.59	193.7	89.66	193.8	89.66	191.3	90.73
	50	129.7	59.55	151.3	69.17	176.0	83.97	175.8	83.87	175.9	84.02	175.7	83.89	173.5	84.86
	52	129.7	63.51	151.3	73.78	154.3	71.58	154.7	70.98	155.2	70.30	155.2	69.53	155.6	69.57
100	10	37.60	2.89	60.20	4.61	85.40	6.56	91.30	7.05	97.40	7.51	103.8	8.02	110.3	8.62
	12	37.60	2.89	60.20	4.61	85.40	6.58	91.30	7.08	97.40	7.55	103.8	8.05	110.3	8.69
	14	37.60	2.89	60.20	4.63	85.40	6.64	91.30	7.11	97.40	7.61	103.8	8.12	110.3	8.78
	16	37.60	2.91	60.20	4.66	85.40	6.71	91.30	7.21	97.40	7.73	103.8	8.27	110.3	8.98
	18	37.60	2.92	60.20	4.73	85.40	6.89	91.30	7.43	97.40	7.99	103.8	8.59	110.3	9.42
	20	37.60	2.97	60.20	4.88	85.40	7.32	91.30	7.98	97.40	8.66	103.8	9.40	110.3	10.66
	21	42.50	3.51	65.00	5.71	90.00	8.98	96.00	9.92	101.8	10.92	107.7	12.01	114.1	13.81
	23	52.60	9.66	74.50	11.55	99.40	14.12	104.9	14.74	110.7	15.39	115.8	16.02	121.3	17.06
	25	62.80	11.60	84.40	13.92	109.0	17.10	114.4	17.85	119.9	18.67	124.1	19.32	128.8	20.56
	27	73.10	14.18	94.60	17.02	118.9	21.01	123.9	21.93	129.1	22.92	132.5	23.57	144.1	26.56
	29	84.00	17.66	104.9	21.09	128.8	25.98	133.6	26.97	138.7	28.07	147.2	29.97	170.5	36.62
	31	95.00	22.04	115.5	25.81	139.4	31.41	143.7	32.50	156.2	35.79	173.9	40.85	196.8	49.30
	33	106.2	26.98	126.4	31.38	150.0	37.98	165.0	42.62	183.8	48.85	200.9	55.07	223.1	65.73
	35	117.9	33.17	137.4	38.25	175.9	51.49	192.4	58.02	211.1	65.88	227.6	73.47	249.4	86.89
	37	117.9	35.35	137.4	40.78	175.9	54.89	192.4	61.86	211.1	70.25	227.6	78.38	249.4	92.77
	39	117.9	37.69	137.4	43.48	175.9	58.55	192.4	65.97	211.1	74.96	227.6	83.69	249.4	99.19
	41	117.9	40.21	137.4	46.38	175.9	62.42	192.4	70.37	211.1	80.01	227.6	89.49	249.4	105.9
	43	117.9	42.90	137.4	49.50	175.9	66.58	192.4	75.08	211.1	85.51	227.6	95.83	240.0	107.3
	46	117.9	47.27	137.4	54.49	175.9	73.35	192.4	82.86	211.0	94.61	212.7	95.95	210.1	97.20
	48	117.9	50.44	137.4	58.13	175.9	78.31	191.8	88.29	193.7	89.63	193.9	89.71	191.1	90.68
	50	117.9	53.79	137.4	61.97	174.8	83.11	176.0	84.00	175.9	83.92	176.0	84.03	173.2	84.81
	52	117.9	57.38	137.4	66.08	153.2	73.32	153.9	72.34	154.6	71.30	155.1	70.28	155.1	70.42
90	10	33.90	2.61	54.30	4.14	76.80	5.89	82.30	6.33	87.80	6.74	93.30	7.18	99.40	7.74
	12	33.90	2.61	54.30	4.16	76.80	5.92	82.30	6.33	87.80	6.77	93.30	7.23	99.40	7.77
	14	33.90	2.61	54.30	4.16	76.80	5.95	82.30	6.39	87.80	6.83	93.30	7.28	99.40	7.84
	16	33.90	2.61	54.30	4.20	76.80	6.01	82.30	6.45	87.80	6.90	93.30	7.39	99.40	7.99
	18	33.90	2.63	54.30	4.23	76.80	6.14	82.30	6.61	87.80	7.08	93.30	7.62	99.40	8.31
	20	33.90	2.66	54.30	4.33	76.80	6.43	82.30	6.99	87.80	7.56	93.30	8.20	99.40	9.20
	21	38.20	3.12	58.50	4.99	81.00	7.69	86.30	8.43	91.50	9.24	97.00	10.08	102.5	12.03
	23	47.20	8.98	67.30	10.85	89.50	13.05	94.50	13.58	99.70	14.15	104.2	14.65	109.2	15.53
	25	56.40	10.91	75.90	12.90	98.00	15.62	102.9	16.27	107.9	16.93	111.7	17.48	116.1	18.50
	27	65.90	13.18	85.00	15.60	107.0	18.98	111.4	19.75	116.1	20.55	119.3	21.10	129.7	23.58
	29	75.50	16.20	94.30	19.14	116.1	23.32	120.2	24.21	124.7	25.11	132.3	26.70	153.4	32.24
	31	85.40	20.14	103.8	23.38	125.4	28.07	129.4	28.98	140.5	31.70	156.5	35.90	177.0	42.90

38. ARUM820LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	95.60	24.49	113.7	28.15	134.9	33.70	148.6	37.57	165.3	42.71	180.8	47.84	200.9	56.60
	35	106.2	29.82	123.7	34.07	158.2	45.12	173.3	50.51	189.9	56.97	204.8	63.14	224.4	74.13
	37	106.2	31.75	123.7	36.31	158.2	48.11	173.3	53.87	189.9	60.75	204.8	67.36	224.4	79.11
	39	106.2	33.84	123.7	38.74	158.2	51.31	173.3	57.44	189.9	64.79	204.8	71.85	224.4	84.48
	41	106.2	36.11	123.7	41.32	158.2	54.71	173.3	61.24	189.9	69.11	204.8	76.66	224.4	90.34
	43	106.2	38.53	123.7	44.08	158.2	58.35	173.3	65.31	189.9	73.73	204.8	81.88	224.4	96.71
	46	106.2	42.49	123.7	48.59	158.2	64.24	173.3	71.96	189.9	81.35	204.8	90.54	210.1	97.24
	48	106.2	45.36	123.7	51.83	158.2	68.53	173.3	76.80	189.8	86.89	193.7	89.59	191.4	90.81
	50	106.2	48.39	123.7	55.27	158.2	73.10	172.6	81.70	175.9	83.99	175.9	83.91	173.5	84.94
	52	106.2	51.64	123.7	58.95	152.7	74.36	153.3	73.33	154.1	72.27	154.5	71.24	154.6	71.35
80	10	30.00	2.31	48.20	3.68	68.40	5.23	73.10	5.61	77.90	5.98	83.00	6.39	88.20	6.86
	12	30.00	2.31	48.20	3.70	68.40	5.23	73.10	5.62	77.90	6.01	83.00	6.39	88.20	6.89
	14	30.00	2.33	48.20	3.70	68.40	5.26	73.10	5.64	77.90	6.05	83.00	6.44	88.20	6.92
	16	30.00	2.32	48.20	3.70	68.40	5.32	73.10	5.70	77.90	6.10	83.00	6.51	88.20	7.02
	18	30.00	2.32	48.20	3.73	68.40	5.38	73.10	5.79	77.90	6.23	83.00	6.68	88.20	7.25
	20	30.00	2.34	48.20	3.81	68.40	5.61	73.10	6.08	77.90	6.56	83.00	7.07	88.20	7.86
	21	34.10	2.72	52.00	4.33	72.10	6.53	76.60	7.13	81.40	7.76	86.10	8.41	91.20	9.86
	23	42.00	8.23	59.80	10.03	79.60	12.05	84.00	12.49	88.50	12.95	92.60	13.38	97.10	14.13
	25	50.20	10.22	67.60	11.94	87.20	14.26	91.50	14.79	95.80	15.34	99.10	15.78	103.2	16.64
	27	58.50	12.19	75.50	14.27	95.00	17.09	99.10	17.71	103.2	18.38	106.0	18.82	115.2	20.84
	29	67.10	14.81	83.80	17.29	103.2	20.76	107.0	21.49	111.0	22.27	117.6	23.66	136.4	28.22
	31	75.90	18.23	92.30	21.05	111.4	24.97	114.8	25.72	125.0	27.95	139.2	31.38	157.5	37.06
	33	85.00	22.11	101.0	25.17	120.0	29.74	131.9	32.90	146.9	37.11	160.6	41.26	178.4	48.34
	35	94.30	26.71	110.0	30.19	140.7	39.27	154.1	43.66	168.8	48.89	182.1	53.87	199.5	62.66
	37	94.30	28.40	110.0	32.16	140.7	41.86	154.1	46.56	168.8	52.13	182.1	57.42	199.5	66.79
	39	94.30	30.26	110.0	34.30	140.7	44.65	154.1	49.65	168.8	55.59	182.1	61.25	199.5	71.25
	41	94.30	32.27	110.0	36.59	140.7	47.62	154.1	52.94	168.8	59.28	182.1	65.31	199.5	76.03
	43	94.30	34.43	110.0	39.04	140.7	50.80	154.1	56.47	168.8	63.21	182.1	69.66	199.5	81.19
	46	94.30	37.98	110.0	43.04	140.7	55.94	154.1	62.16	168.8	69.63	182.1	76.79	199.5	89.82
	48	94.30	40.54	110.0	45.95	140.7	59.65	154.1	66.30	168.8	74.30	182.1	82.04	191.6	90.89
	50	94.30	43.30	110.0	49.04	140.7	63.61	154.1	70.72	168.8	79.32	175.9	83.97	173.6	84.90
	52	94.30	46.24	110.0	52.31	140.7	67.84	152.7	74.65	153.3	73.52	153.8	72.48	154.0	72.62
70	10	26.30	2.02	42.10	3.23	59.80	4.58	63.90	4.89	68.20	5.23	72.70	5.57	77.20	5.98
	12	26.30	2.02	42.10	3.23	59.80	4.58	63.90	4.91	68.20	5.23	72.70	5.58	77.20	5.99
	14	26.30	2.02	42.10	3.23	59.80	4.61	63.90	4.92	68.20	5.26	72.70	5.60	77.20	6.04
	16	26.30	2.02	42.10	3.23	59.80	4.63	63.90	4.95	68.20	5.30	72.70	5.67	77.20	6.10
	18	26.30	2.04	42.10	3.26	59.80	4.69	63.90	5.03	68.20	5.38	72.70	5.76	77.20	6.24
	20	26.30	2.04	42.10	3.31	59.80	4.83	63.90	5.20	68.20	5.60	72.70	6.02	77.20	6.64
	21	29.80	2.37	45.50	3.72	63.00	5.48	67.10	5.95	71.40	6.44	75.50	6.95	79.70	7.98
	23	36.90	7.07	52.20	9.01	69.70	11.09	73.40	11.46	77.50	11.84	81.00	12.20	85.00	12.83
	25	43.80	9.57	59.10	11.00	76.20	12.93	80.00	13.39	83.80	13.83	86.80	14.20	90.20	14.92
	27	51.20	11.25	66.20	12.99	83.30	15.32	86.70	15.85	90.20	16.38	92.80	16.74	100.8	18.39
	29	58.70	13.47	73.40	15.52	90.20	18.40	93.60	18.99	97.10	19.63	102.9	20.72	119.3	24.55
	31	66.50	16.37	80.70	18.82	97.40	22.09	100.5	22.70	109.4	24.51	121.9	27.24	137.7	31.79
	33	74.40	19.75	88.50	22.39	104.9	26.08	115.5	28.62	128.5	31.97	140.5	35.27	156.2	40.90
	35	82.60	23.76	96.30	26.61	123.0	33.88	134.7	37.39	147.6	41.56	159.3	45.49	174.6	52.40
	37	82.60	25.24	96.30	28.30	123.0	36.12	134.7	39.87	147.6	44.31	159.3	48.51	174.6	55.88
	39	82.60	26.86	96.30	30.17	123.0	38.53	134.7	42.53	147.6	47.26	159.3	51.72	174.6	59.58
	41	82.60	28.64	96.30	32.17	123.0	41.11	134.7	45.36	147.6	50.41	159.3	55.15	174.6	63.53
	43	82.60	30.57	96.30	34.33	123.0	43.85	134.7	48.38	147.6	53.75	159.3	58.81	174.6	67.76
	46	82.60	33.72	96.30	37.88	123.0	48.32	134.7	53.31	147.6	59.19	159.3	64.76	174.6	74.69

38. ARUM820LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	82.60	36.03	96.30	40.44	123.0	51.55	134.7	56.83	147.6	63.12	159.3	69.08	174.6	79.77
	50	82.60	38.50	96.30	43.20	123.0	54.99	134.7	60.61	147.6	67.31	159.3	73.71	173.2	84.55
	52	82.60	41.16	96.30	46.12	123.0	58.64	134.7	64.63	147.6	71.80	153.0	74.18	152.9	74.29
60	10	22.60	1.74	36.20	2.76	51.20	3.92	54.80	4.20	58.50	4.48	62.20	4.76	66.20	5.12
	12	22.60	1.74	36.20	2.76	51.20	3.92	54.80	4.20	58.50	4.48	62.20	4.76	66.20	5.14
	14	22.60	1.73	36.20	2.76	51.20	3.92	54.80	4.20	58.50	4.48	62.20	4.80	66.20	5.14
	16	22.60	1.73	36.20	2.76	51.20	3.95	54.80	4.23	58.50	4.51	62.20	4.82	66.20	5.19
	18	22.60	1.73	36.20	2.79	51.20	3.97	54.80	4.28	58.50	4.57	62.20	4.88	66.20	5.29
	20	22.60	1.75	36.20	2.81	51.20	4.07	54.80	4.38	58.50	4.70	62.20	5.05	66.20	5.52
	21	25.60	2.00	39.00	3.12	54.00	4.53	57.40	4.89	61.10	5.27	64.60	5.68	68.40	6.38
	23	31.50	5.00	44.70	7.49	59.70	10.02	63.00	10.47	66.30	10.78	69.40	11.07	72.80	11.59
	25	38.00	8.99	50.60	10.13	65.40	11.71	68.60	12.06	71.80	12.43	74.50	12.72	77.30	13.30
	27	44.00	10.35	56.70	11.75	71.40	13.68	74.40	14.08	77.50	14.52	79.60	14.80	86.50	16.13
	29	50.30	12.20	62.80	13.87	77.30	16.20	80.30	16.66	83.10	17.16	88.20	18.06	102.2	21.05
	31	57.00	14.60	69.30	16.58	83.70	19.34	86.10	19.86	93.60	21.33	104.5	23.48	118.2	27.02
	33	63.80	17.49	75.80	19.64	89.90	22.72	99.00	24.72	110.3	27.31	120.6	29.88	133.8	34.23
	35	70.80	20.84	82.40	23.25	105.5	29.00	115.5	31.71	126.7	34.93	136.6	37.95	149.6	43.28
	37	70.80	22.10	82.40	24.71	105.5	30.87	115.5	33.80	126.7	37.24	136.6	40.47	149.6	46.15
	39	70.80	23.47	82.40	26.28	105.5	32.91	115.5	36.04	126.7	39.72	136.6	43.17	149.6	49.22
	41	70.80	24.99	82.40	28.03	105.5	35.12	115.5	38.45	126.7	42.38	136.6	46.04	149.6	52.49
	43	70.80	26.66	82.40	29.92	105.5	37.46	115.5	41.03	126.7	45.20	136.6	49.10	149.6	55.98
	46	70.80	29.50	82.40	33.03	105.5	41.33	115.5	45.24	126.7	49.81	136.6	54.09	149.6	61.62
	48	70.80	31.63	82.40	35.31	105.5	44.11	115.5	48.27	126.7	53.11	136.6	57.67	149.6	65.72
	50	70.80	33.88	82.40	37.75	105.5	47.08	115.5	51.49	126.7	56.66	136.6	61.50	149.6	70.11
	52	70.80	36.27	82.40	40.34	105.5	50.26	115.5	54.92	126.7	60.41	136.6	65.58	149.5	74.76
50	10	18.80	1.54	30.10	2.30	42.70	3.27	45.70	3.49	48.80	3.73	52.00	3.96	55.10	4.26
	12	18.80	1.54	30.10	2.30	42.70	3.26	45.70	3.49	48.80	3.73	52.00	3.98	55.10	4.26
	14	18.80	1.54	30.10	2.30	42.70	3.26	45.70	3.51	48.80	3.73	52.00	3.98	55.10	4.27
	16	18.80	1.54	30.10	2.29	42.70	3.28	45.70	3.51	48.80	3.75	52.00	4.01	55.10	4.29
	18	18.80	1.54	30.10	2.32	42.70	3.29	45.70	3.54	48.80	3.78	52.00	4.04	55.10	4.35
	20	18.80	1.56	30.10	2.32	42.70	3.35	45.70	3.59	48.80	3.85	52.00	4.13	55.10	4.48
	21	21.20	1.65	32.40	2.56	45.10	3.66	47.90	3.94	50.90	4.22	53.90	4.51	57.00	5.01
	23	26.30	3.46	37.30	5.12	49.60	8.69	52.60	9.04	55.30	9.42	57.80	9.77	60.80	10.41
	25	35.20	8.87	42.30	9.29	54.60	10.54	57.10	10.81	59.80	11.10	62.10	11.34	64.50	11.78
	27	36.70	9.51	47.20	10.60	59.40	12.10	61.90	12.43	64.50	12.77	66.30	12.99	72.10	14.03
	29	42.00	10.95	52.30	12.29	64.50	14.11	66.90	14.49	69.30	14.87	73.50	15.55	85.20	17.88
	31	47.50	12.89	57.80	14.47	69.70	16.65	71.80	17.08	77.90	18.28	87.10	20.03	98.40	22.76
	33	53.10	15.31	63.20	17.02	74.90	19.47	82.40	21.08	91.90	23.13	100.4	25.04	111.4	28.28
	35	59.10	18.01	68.70	19.92	87.80	24.55	96.30	26.61	105.5	29.00	113.8	31.24	124.7	35.18
	37	59.10	19.02	68.70	21.10	87.80	26.12	96.30	28.30	105.5	30.88	113.8	33.29	124.7	37.52
	39	59.10	20.14	68.70	22.40	87.80	27.81	96.30	30.17	105.5	32.94	113.8	35.49	124.7	40.01
	41	59.10	21.36	68.70	23.85	87.80	29.64	96.30	32.17	105.5	35.12	113.8	37.86	124.7	42.67
	43	59.10	22.73	68.70	25.44	87.80	31.63	96.30	34.33	105.5	37.48	113.8	40.40	124.7	45.51
	46	59.10	25.04	68.70	28.10	87.80	34.90	96.30	37.88	105.5	41.33	113.8	44.55	124.7	50.15
	48	59.10	26.79	68.70	30.11	87.80	37.30	96.30	40.44	105.5	44.12	113.8	47.53	124.7	53.49
	50	59.10	28.69	68.70	32.30	87.80	39.87	96.30	43.20	105.5	47.11	113.8	50.71	124.7	57.05
	52	59.10	30.78	68.70	34.72	87.80	42.59	96.30	46.14	105.5	50.27	113.8	54.11	124.7	60.85

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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38.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	147.9	71.50	146.8	72.11	145.5	72.72	145.1	73.00	144.5	73.31	143.4	73.91
	-24.8	-25	172.4	75.11	171.1	75.79	169.7	76.46	169.2	76.79	168.6	77.14	167.3	77.78
	-21.8	-22	187.6	77.18	186.2	77.91	185.0	78.62	184.3	78.97	183.7	79.32	182.3	80.01
	-19.8	-20	198.4	78.58	197.0	79.32	195.6	80.06	194.8	80.43	194.2	80.80	192.8	81.52
	-18.8	-19	204.0	79.27	202.3	80.04	200.9	80.79	200.2	81.16	199.5	81.53	198.1	82.26
	-16.7	-17	215.2	80.68	213.8	81.46	212.4	82.26	211.4	82.64	210.8	83.01	209.3	83.77
	-15	-15.9	222.3	81.50	220.6	82.31	219.1	83.10	218.4	83.50	217.4	83.88	216.0	84.65
	-13.7	-15	228.6	82.24	227.1	83.08	225.5	83.89	224.7	84.30	224.0	84.70	222.6	85.48
	-11.8	-13	240.1	83.58	238.4	84.43	236.9	85.27	235.9	85.68	235.2	86.08	233.5	86.89
	-9.8	-11	253.1	85.03	251.3	85.90	249.5	86.75	248.7	87.18	247.8	87.59	246.1	88.40
	-9.5	-10	259.3	85.69	257.6	86.59	255.8	87.45	254.8	87.88	254.0	88.32	252.0	89.13
	-8.5	-9.1	265.6	86.37	263.6	87.26	261.8	88.13	260.8	88.57	260.0	89.00	258.2	89.85
	-7	-7.6	276.1	87.48	274.1	88.40	272.2	89.30	271.3	89.74	270.2	90.18	268.4	91.03
	-5	-5.6	290.8	88.98	288.7	89.92	286.6	90.85	285.6	91.30	284.5	91.76	282.4	92.64
	-3	-3.7	305.1	90.43	303.0	91.41	300.9	92.35	299.8	92.82	298.8	93.29	291.1	91.54
	0	-0.7	328.9	92.79	326.7	93.77	324.1	94.68	319.0	93.48	314.1	92.26	293.9	85.48
	3	2.2	352.9	95.05	347.7	95.01	335.8	92.02	325.2	88.72	314.7	85.45	293.9	79.04
	5	4.1	367.2	95.82	356.7	93.68	335.8	87.35	325.2	84.26	314.7	81.18	293.9	75.13
	7	6	376.6	94.45	356.7	88.83	335.8	82.87	325.2	79.93	314.7	77.01	293.9	71.30
	9	7.9	377.8	89.75	356.7	84.02	335.8	78.41	325.2	75.65	314.7	72.93	293.9	67.55
	11	9.8	377.8	84.79	356.7	79.42	335.8	74.15	325.2	71.56	314.7	69.02	293.9	63.99
	13	11.8	377.8	79.78	356.7	74.77	335.8	69.89	325.2	67.46	314.7	65.09	293.9	60.39
	15	13.7	377.8	75.25	356.7	70.59	335.8	66.00	325.2	63.75	314.7	61.52	293.9	57.11
120	-30	-30.2	147.2	71.82	146.1	72.43	145.1	73.02	144.5	73.31	144.0	73.61	143.0	74.20
	-24.8	-25	171.5	75.53	170.3	76.20	169.0	76.88	168.5	77.21	167.9	77.52	166.5	78.17
	-21.8	-22	186.8	77.69	185.4	78.40	184.0	79.10	183.3	79.45	182.6	79.78	181.5	80.46
	-19.8	-20	197.3	79.13	195.9	79.87	194.6	80.59	193.8	80.96	193.1	81.30	191.7	82.01
	-18.8	-19	202.9	79.85	201.3	80.60	199.8	81.35	199.1	81.72	198.4	82.07	197.0	82.79
	-16.7	-17	214.1	81.31	212.7	82.09	211.0	82.86	210.3	83.23	209.6	83.60	208.2	84.34
	-15	-15.9	220.8	82.17	219.4	82.96	217.8	83.75	217.0	84.13	216.3	84.51	214.9	85.27
	-13.7	-15	227.2	82.96	225.7	83.78	224.3	84.58	223.6	84.98	222.6	85.36	221.3	86.13
	-11.8	-13	238.7	84.34	237.0	85.19	235.3	86.00	234.6	86.40	233.8	86.80	232.1	87.58
	-9.8	-11	251.6	85.86	249.5	86.71	247.8	87.54	247.0	87.95	246.1	88.36	244.5	89.17
	-9.5	-10	257.6	86.56	255.8	87.43	254.0	88.28	253.0	88.71	252.2	89.11	250.5	89.92
	-8.5	-9.1	263.7	87.28	261.8	88.15	259.9	89.00	259.0	89.43	258.2	89.84	256.4	90.68
	-7	-7.6	274.0	88.43	272.2	89.33	270.1	90.21	269.2	90.64	268.4	91.08	264.2	90.85
	-5	-5.6	288.3	90.02	286.2	90.96	284.3	91.86	283.3	92.29	281.5	92.32	271.2	89.19
	-3	-3.7	302.6	91.58	300.5	92.52	298.4	93.45	294.1	92.35	289.5	91.13	271.2	84.72
	0	-0.7	325.9	94.07	321.1	93.92	309.9	90.89	300.3	87.64	290.5	84.44	271.2	78.11
	3	2.2	343.9	94.11	329.3	89.99	309.9	83.97	300.3	81.00	290.5	78.07	271.2	72.30
	5	4.1	348.5	91.23	329.3	85.43	309.9	79.77	300.3	76.97	290.5	74.21	271.2	68.78
	7	6	348.5	86.53	329.3	81.06	309.9	75.68	300.3	73.05	290.5	70.44	271.2	65.30
	9	7.9	348.5	81.86	329.3	76.71	309.9	71.68	300.3	69.20	290.5	66.74	271.2	61.91
	11	9.8	348.5	77.37	329.3	72.57	309.9	67.84	300.3	65.51	290.5	63.22	271.2	58.68
	13	11.8	348.5	72.88	329.3	68.40	309.9	63.99	300.3	61.82	290.5	59.68	271.2	55.43

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	348.5	68.81	329.3	64.62	309.9	60.49	300.3	58.47	290.5	56.44	271.2	52.49
110	-30	-30.2	146.5	72.20	145.5	72.81	144.4	73.39	144.0	73.70	143.4	73.97	142.3	74.55
	-24.8	-25	170.7	76.04	169.3	76.69	168.2	77.36	167.5	77.67	166.9	78.00	165.8	78.62
	-21.8	-22	185.7	78.26	184.3	78.96	183.0	79.66	182.2	80.00	181.6	80.33	180.5	81.01
	-19.8	-20	196.1	79.76	194.8	80.50	193.4	81.20	192.7	81.55	192.1	81.92	190.6	82.59
	-18.8	-19	201.5	80.52	200.0	81.26	198.7	81.98	197.9	82.34	197.3	82.70	196.0	83.39
	-16.7	-17	212.7	82.04	211.2	82.81	209.6	83.56	208.9	83.93	208.2	84.30	206.8	85.00
	-15	-15.9	219.3	82.94	218.0	83.72	216.3	84.49	215.5	84.86	214.9	85.23	213.4	85.97
	-13.7	-15	225.7	83.79	224.2	84.58	222.8	85.37	221.9	85.76	221.1	86.13	219.8	86.89
	-11.8	-13	236.9	85.22	235.2	86.06	233.7	86.84	232.7	87.24	232.1	87.62	230.4	88.39
	-9.8	-11	249.5	86.80	247.6	87.65	245.9	88.48	245.1	88.86	244.2	89.26	241.2	89.38
	-9.5	-10	255.4	87.56	253.7	88.41	251.9	89.24	251.1	89.65	250.1	90.05	244.6	88.88
	-8.5	-9.1	261.4	88.31	259.5	89.16	257.8	90.00	256.8	90.41	256.1	90.81	248.0	88.42
	-7	-7.6	271.7	89.56	269.7	90.41	267.9	91.28	266.3	91.39	262.1	90.15	248.6	85.25
	-5	-5.6	285.7	91.23	283.7	92.14	278.4	91.41	274.1	90.25	266.5	87.39	248.6	80.85
	-3	-3.7	299.7	92.89	294.9	92.53	284.0	89.31	275.3	86.14	266.5	83.00	248.6	76.84
	0	-0.7	316.6	92.79	301.7	88.19	284.0	82.32	275.3	79.44	266.5	76.57	248.6	70.94
	3	2.2	319.6	86.97	301.7	81.49	284.0	76.15	275.3	73.50	266.5	70.88	248.6	65.75
	5	4.1	319.6	82.58	301.7	77.44	284.0	72.38	275.3	69.90	266.5	67.44	248.6	62.59
	7	6	319.6	78.36	301.7	73.50	284.0	68.71	275.3	66.35	266.5	64.02	248.6	59.44
	9	7.9	319.6	74.19	301.7	69.61	284.0	65.12	275.3	62.92	266.5	60.74	248.6	56.41
	11	9.8	319.6	70.20	301.7	65.91	284.0	61.70	275.3	59.62	266.5	57.57	248.6	53.53
	13	11.8	319.6	66.17	301.7	62.17	284.0	58.25	275.3	56.30	266.5	54.39	248.6	50.60
	15	13.7	319.6	62.54	301.7	58.81	284.0	55.13	275.3	53.29	266.5	51.50	248.6	47.95
100	-30	-30.2	145.7	72.66	144.7	73.24	143.6	73.84	143.0	74.12	142.6	74.39	141.6	74.97
	-24.8	-25	169.6	76.63	168.2	77.28	167.1	77.92	166.5	78.23	166.0	78.56	164.8	79.17
	-21.8	-22	184.3	78.94	183.0	79.65	181.8	80.32	181.1	80.64	180.5	80.97	179.4	81.64
	-19.8	-20	194.8	80.52	193.3	81.23	191.9	81.92	191.3	82.27	190.6	82.62	189.3	83.28
	-18.8	-19	200.0	81.31	198.6	82.03	197.2	82.73	196.6	83.10	195.8	83.43	194.5	84.11
	-16.7	-17	211.0	82.91	209.5	83.65	208.1	84.39	207.4	84.76	206.7	85.09	205.3	85.80
	-15	-15.9	217.6	83.87	216.1	84.62	214.5	85.36	213.8	85.73	213.1	86.10	211.7	86.81
	-13.7	-15	223.8	84.74	222.5	85.54	221.1	86.29	220.3	86.66	219.6	87.05	218.1	87.68
	-11.8	-13	234.8	86.26	233.3	87.06	231.6	87.84	230.9	88.22	230.0	88.59	223.9	86.79
	-9.8	-11	247.0	87.94	245.5	88.75	243.7	89.55	242.1	89.60	238.4	88.39	225.9	83.56
	-9.5	-10	252.9	88.74	251.1	89.55	249.3	90.29	245.5	89.10	241.8	87.93	225.9	81.58
	-8.5	-9.1	258.8	89.53	257.0	90.36	252.7	89.80	248.7	88.63	242.2	86.09	225.9	79.69
	-7	-7.6	268.8	90.85	266.0	91.23	258.3	89.02	250.1	85.87	242.2	82.77	225.9	76.65
	-5	-5.6	281.7	92.22	273.8	90.13	258.3	84.40	250.1	81.45	242.2	78.52	225.9	72.75
	-3	-3.7	289.5	91.13	274.4	85.86	258.3	80.19	250.1	77.38	242.2	74.62	225.9	69.20
	0	-0.7	290.5	84.44	274.4	79.16	258.3	74.01	250.1	71.45	242.2	68.94	225.9	63.97
	3	2.2	290.5	78.07	274.4	73.25	258.3	68.53	250.1	66.22	242.2	63.90	225.9	59.35
	5	4.1	290.5	74.21	274.4	69.68	258.3	65.22	250.1	63.02	242.2	60.84	225.9	56.54
	7	6	290.5	70.44	274.4	66.14	258.3	61.93	250.1	59.85	242.2	57.80	225.9	53.74
	9	7.9	290.5	66.74	274.4	62.72	258.3	58.76	250.1	56.81	242.2	54.87	225.9	51.04
	11	9.8	290.5	63.22	274.4	59.45	258.3	55.73	250.1	53.89	242.2	52.07	225.9	48.48
	13	11.8	290.5	59.68	274.4	56.13	258.3	52.66	250.1	50.94	242.2	49.24	225.9	45.90
	15	13.7	290.5	56.46	274.4	53.13	258.3	49.88	250.1	48.27	242.2	46.68	225.9	43.53

38. ARUM820LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	144.7	73.21	143.6	73.79	142.6	74.36	142.3	74.63	141.6	74.91	140.8	75.47
	-24.8	-25	168.2	77.33	167.1	77.98	165.8	78.61	165.4	78.92	164.6	79.22	163.5	79.83
	-21.8	-22	182.8	79.77	181.5	80.44	180.3	81.10	179.6	81.43	179.0	81.73	177.9	82.37
	-19.8	-20	192.9	81.42	191.6	82.10	190.2	82.78	189.6	83.12	189.1	83.45	187.7	84.09
	-18.8	-19	198.2	82.25	196.8	82.96	195.4	83.63	194.7	83.98	194.1	84.31	192.7	84.98
	-16.7	-17	209.1	83.94	207.6	84.66	206.0	85.39	205.3	85.73	204.6	86.07	200.3	84.92
	-15	-15.9	215.5	84.95	214.0	85.69	212.6	86.41	211.9	86.77	210.7	86.85	203.3	84.14
	-13.7	-15	221.7	85.91	220.3	86.66	218.8	87.40	217.7	87.53	214.3	86.32	203.3	81.69
	-11.8	-13	232.3	87.50	230.8	88.26	227.0	87.79	223.5	86.66	217.9	84.36	203.3	78.12
	-9.8	-11	244.3	89.29	240.8	89.08	232.4	86.25	225.1	83.22	217.9	80.23	203.3	74.34
	-9.5	-10	249.9	90.12	244.0	88.62	232.4	84.19	225.1	81.26	217.9	78.34	203.3	72.64
	-8.5	-9.1	254.2	90.20	247.0	88.02	232.4	82.24	225.1	79.37	217.9	76.56	203.3	70.98
	-7	-7.6	259.8	89.45	247.0	84.63	232.4	79.09	225.1	76.35	217.9	73.65	203.3	68.30
	-5	-5.6	261.4	85.60	247.0	80.27	232.4	75.03	225.1	72.47	217.9	69.92	203.3	64.89
	-3	-3.7	261.4	81.31	247.0	76.29	232.4	71.35	225.1	68.92	217.9	66.51	203.3	61.75
	0	-0.7	261.4	75.03	247.0	70.44	232.4	65.94	225.1	63.73	217.9	61.53	203.3	57.19
	3	2.2	261.4	69.48	247.0	65.29	232.4	61.17	225.1	59.14	217.9	57.13	203.3	53.15
	5	4.1	261.4	66.10	247.0	62.14	232.4	58.25	225.1	56.33	217.9	54.43	203.3	50.66
	7	6	261.4	62.77	247.0	59.04	232.4	55.36	225.1	53.55	217.9	51.75	203.3	48.19
	9	7.9	261.4	59.55	247.0	56.04	232.4	52.58	225.1	50.87	217.9	49.17	203.3	45.83
	11	9.8	261.4	56.47	247.0	53.17	232.4	49.91	225.1	48.31	217.9	46.72	203.3	43.55
	13	11.8	261.4	53.35	247.0	50.27	232.4	47.22	225.1	45.73	217.9	44.22	203.3	41.29
	15	13.7	261.4	50.53	247.0	47.64	232.4	44.77	225.1	43.36	217.9	41.97	203.3	39.22
80	-30	-30.2	143.6	73.87	142.5	74.43	141.5	75.00	141.1	75.26	140.5	75.54	139.7	76.07
	-24.8	-25	166.7	78.20	165.4	78.82	164.3	79.43	163.7	79.73	163.2	80.02	162.1	80.63
	-21.8	-22	180.7	80.78	179.6	81.43	178.3	82.06	177.9	82.37	177.1	82.68	175.4	82.82
	-19.8	-20	190.8	82.50	189.5	83.18	188.3	83.85	187.6	84.16	186.8	84.39	180.8	82.04
	-18.8	-19	196.0	83.40	194.7	84.07	193.3	84.75	192.6	85.06	189.7	84.03	180.8	80.04
	-16.7	-17	206.5	85.19	205.1	85.90	201.9	85.44	198.8	84.35	193.7	82.14	180.8	76.16
	-15	-15.9	212.9	86.27	211.5	86.98	205.3	84.91	200.2	82.66	193.7	79.72	180.8	73.89
	-13.7	-15	219.1	87.30	215.0	86.55	206.7	83.16	200.2	80.23	193.7	77.35	180.8	71.68
	-11.8	-13	227.0	87.75	219.6	85.08	206.7	79.51	200.2	76.75	193.7	74.00	180.8	68.59
	-9.8	-11	232.4	86.25	219.6	80.89	206.7	75.65	200.2	73.05	193.7	70.48	180.8	65.43
	-9.5	-10	232.4	84.19	219.6	78.99	206.7	73.89	200.2	71.39	193.7	68.90	180.8	63.98
	-8.5	-9.1	232.4	82.24	219.6	77.18	206.7	72.22	200.2	69.76	193.7	67.32	180.8	62.53
	-7	-7.6	232.4	79.09	219.6	74.24	206.7	69.49	200.2	67.14	193.7	64.81	180.8	60.22
	-5	-5.6	232.4	75.03	219.6	70.49	206.7	66.01	200.2	63.78	193.7	61.58	180.8	57.26
	-3	-3.7	232.4	71.35	219.6	67.05	206.7	62.80	200.2	60.73	193.7	58.65	180.8	54.56
	0	-0.7	232.4	65.94	219.6	62.01	206.7	58.14	200.2	56.23	193.7	54.34	180.8	50.60
	3	2.2	232.4	61.17	219.6	57.57	206.7	54.03	200.2	52.28	193.7	50.52	180.8	47.10
	5	4.1	232.4	58.25	219.6	54.84	206.7	51.50	200.2	49.83	193.7	48.18	180.8	44.93
	7	6	232.4	55.36	219.6	52.14	206.7	48.97	200.2	47.41	193.7	45.85	180.8	42.78
	9	7.9	232.4	52.58	219.6	49.54	206.7	46.57	200.2	45.09	193.7	43.63	180.8	40.74
	11	9.8	232.4	49.91	219.6	47.05	206.7	44.25	200.2	42.87	193.7	41.48	180.8	38.76
	13	11.8	232.4	47.22	219.6	44.57	206.7	41.94	200.2	40.63	193.7	39.35	180.8	36.80
	15	13.7	232.4	44.77	219.6	42.27	206.7	39.81	200.2	38.60	193.7	37.39	180.8	34.98
70	-30	-30.2	142.1	74.72	141.1	75.26	140.1	75.79	139.7	76.07	139.1	76.34	138.3	76.86

38. ARUM820LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	164.5	79.28	163.5	79.89	162.4	80.46	161.8	80.76	161.4	81.03	157.0	79.38
	-21.8	-22	178.5	82.01	177.1	82.64	175.4	82.78	172.6	81.70	169.4	80.32	158.2	74.53
	-19.8	-20	188.3	83.86	186.3	84.09	180.8	82.04	175.2	79.24	169.4	76.47	158.2	70.98
	-18.8	-19	193.2	84.82	189.1	83.70	180.8	80.04	175.2	77.31	169.4	74.62	158.2	69.27
	-16.7	-17	200.3	84.88	192.1	81.37	180.8	76.16	175.2	73.58	169.4	71.01	158.2	65.96
	-15	-15.9	203.3	84.15	192.1	78.99	180.8	73.89	175.2	71.36	169.4	68.85	158.2	63.91
	-13.7	-15	203.3	81.69	192.1	76.65	180.8	71.69	175.2	69.23	169.4	66.80	158.2	62.02
	-11.8	-13	203.3	78.12	192.1	73.31	180.8	68.59	175.2	66.24	169.4	63.94	158.2	59.39
	-9.8	-11	203.3	74.34	192.1	69.83	180.8	65.43	175.2	63.24	169.4	61.06	158.2	56.73
	-9.5	-10	203.3	72.64	192.1	68.28	180.8	63.98	175.2	61.85	169.4	59.74	158.2	55.59
	-8.5	-9.1	203.3	70.98	192.1	66.73	180.8	62.53	175.2	60.46	169.4	58.41	158.2	54.36
	-7	-7.6	203.3	68.30	192.1	64.23	180.8	60.22	175.2	58.24	169.4	56.28	158.2	52.39
	-5	-5.6	203.3	64.89	192.1	61.04	180.8	57.27	175.2	55.39	169.4	53.54	158.2	49.87
	-3	-3.7	203.3	61.75	192.1	58.14	180.8	54.56	175.2	52.79	169.4	51.04	158.2	47.57
	0	-0.7	203.3	57.19	192.1	53.88	180.8	50.60	175.2	48.98	169.4	47.39	158.2	44.20
	3	2.2	203.3	53.15	192.1	50.11	180.8	47.10	175.2	45.61	169.4	44.15	158.2	41.22
	5	4.1	203.3	50.66	192.1	47.77	180.8	44.93	175.2	43.51	169.4	42.12	158.2	39.36
	7	6	203.3	48.19	192.1	45.48	180.8	42.78	175.2	41.46	169.4	40.14	158.2	37.53
	9	7.9	203.3	45.83	192.1	43.26	180.8	40.74	175.2	39.49	169.4	38.25	158.2	35.79
	11	9.8	203.3	43.55	192.1	41.15	180.8	38.76	175.2	37.59	169.4	36.42	158.2	34.11
	13	11.8	203.3	41.29	192.1	39.02	180.8	36.80	175.2	35.69	169.4	34.59	158.2	32.42
	15	13.7	203.3	39.22	192.1	37.10	180.8	34.98	175.2	33.94	169.4	32.93	158.2	30.87
60	-30	-30.2	140.0	75.80	139.3	76.33	138.3	76.86	137.8	77.11	137.2	77.37	134.0	76.04
	-24.8	-25	162.0	80.67	160.1	80.65	155.1	78.45	150.0	75.82	145.2	73.20	135.6	68.02
	-21.8	-22	172.3	81.52	164.7	77.83	155.1	72.91	150.0	70.47	145.2	68.06	135.6	63.27
	-19.8	-20	174.3	78.84	164.7	74.11	155.1	69.43	150.0	67.14	145.2	64.85	135.6	60.32
	-18.8	-19	174.3	76.93	164.7	72.31	155.1	67.78	150.0	65.53	145.2	63.30	135.6	58.90
	-16.7	-17	174.3	73.21	164.7	68.85	155.1	64.55	150.0	62.41	145.2	60.31	135.6	56.14
	-15	-15.9	174.3	71.00	164.7	66.73	155.1	62.52	150.0	60.45	145.2	58.39	135.6	54.31
	-13.7	-15	174.3	68.89	164.7	64.76	155.1	60.69	150.0	58.67	145.2	56.68	135.6	52.74
	-11.8	-13	174.3	65.93	164.7	61.97	155.1	58.08	150.0	56.16	145.2	54.28	135.6	50.52
	-9.8	-11	174.3	62.92	164.7	59.19	155.1	55.50	150.0	53.66	145.2	51.86	135.6	48.29
	-9.5	-10	174.3	61.53	164.7	57.95	155.1	54.42	150.0	52.65	145.2	50.92	135.6	47.47
	-8.5	-9.1	174.3	60.16	164.7	56.66	155.1	53.22	150.0	51.51	145.2	49.81	135.6	46.45
	-7	-7.6	174.3	57.97	164.7	54.61	155.1	51.29	150.0	49.66	145.2	48.03	135.6	44.81
	-5	-5.6	174.3	55.12	164.7	51.97	155.1	48.84	150.0	47.30	145.2	45.75	135.6	42.73
	-3	-3.7	174.3	52.55	164.7	49.54	155.1	46.59	150.0	45.13	145.2	43.67	135.6	40.80
	0	-0.7	174.3	48.75	164.7	46.02	155.1	43.31	150.0	41.96	145.2	40.64	135.6	37.99
	3	2.2	174.3	45.41	164.7	42.89	155.1	40.40	150.0	39.17	145.2	37.95	135.6	35.53
	5	4.1	174.3	43.32	164.7	40.94	155.1	38.58	150.0	37.40	145.2	36.24	135.6	33.95
	7	6	174.3	41.26	164.7	39.03	155.1	36.79	150.0	35.70	145.2	34.60	135.6	32.42
	9	7.9	174.3	39.32	164.7	37.19	155.1	35.09	150.0	34.04	145.2	33.01	135.6	30.96
	11	9.8	174.3	37.43	164.7	35.44	155.1	33.45	150.0	32.47	145.2	31.51	135.6	29.58
	13	11.8	174.3	35.53	164.7	33.65	155.1	31.80	150.0	30.89	145.2	29.97	135.6	28.16
	15	13.7	174.3	33.81	164.7	32.03	155.1	30.29	150.0	29.45	145.2	28.58	135.6	26.88
50	-30	-30.2	137.4	77.27	134.9	76.38	129.1	73.26	125.1	70.84	121.0	68.43	113.1	63.68
	-24.8	-25	145.2	73.20	137.3	68.89	129.1	64.63	125.1	62.51	121.0	60.43	113.1	56.28

38. ARUM820LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	145.2	68.06	137.3	64.08	129.1	60.14	125.1	58.20	121.0	56.27	113.1	52.45
	-19.8	-20	145.2	64.85	137.3	61.07	129.1	57.34	125.1	55.50	121.0	53.68	113.1	50.05
	-18.8	-19	145.2	63.32	137.3	59.62	129.1	55.99	125.1	54.20	121.0	52.42	113.1	48.89
	-16.7	-17	145.2	60.31	137.3	56.83	129.1	53.39	125.1	51.69	121.0	49.99	113.1	46.65
	-15	-15.9	145.2	58.39	137.3	54.98	129.1	51.66	125.1	49.98	121.0	48.35	113.1	45.11
	-13.7	-15	145.2	56.68	137.3	53.38	129.1	50.15	125.1	48.55	121.0	46.95	113.1	43.82
	-11.8	-13	145.2	54.28	137.3	51.13	129.1	48.05	125.1	46.52	121.0	45.00	113.1	42.01
	-9.8	-11	145.2	51.86	137.3	48.88	129.1	45.95	125.1	44.50	121.0	43.04	113.1	40.20
	-9.5	-10	145.2	50.92	137.3	48.06	129.1	45.21	125.1	43.81	121.0	42.42	113.1	39.65
	-8.5	-9.1	145.2	49.81	137.3	47.02	129.1	44.26	125.1	42.88	121.0	41.52	113.1	38.82
	-7	-7.6	145.2	48.03	137.3	45.34	129.1	42.69	125.1	41.39	121.0	40.09	113.1	37.52
	-5	-5.6	145.2	45.75	137.3	43.23	129.1	40.72	125.1	39.47	121.0	38.25	113.1	35.81
	-3	-3.7	145.2	43.67	137.3	41.30	129.1	38.93	125.1	37.74	121.0	36.58	113.1	34.26
	0	-0.7	145.2	40.64	137.3	38.44	129.1	36.26	125.1	35.18	121.0	34.11	113.1	31.99
	3	2.2	145.2	37.95	137.3	35.92	129.1	33.92	125.1	32.95	121.0	31.95	113.1	29.99
	5	4.1	145.2	36.24	137.3	34.34	129.1	32.44	125.1	31.50	121.0	30.56	113.1	28.72
	7	6	145.2	34.60	137.3	32.79	129.1	31.00	125.1	30.10	121.0	29.23	113.1	27.49
	9	7.9	145.2	33.01	137.3	31.31	129.1	29.62	125.1	28.77	121.0	27.94	113.1	26.31
	11	9.8	145.2	31.51	137.3	29.89	129.1	28.29	125.1	27.52	121.0	26.73	113.1	25.17
	13	11.8	145.2	29.97	137.3	28.46	129.1	26.97	125.1	26.22	121.0	25.48	113.1	24.02
	15	13.7	145.2	28.58	137.3	27.15	129.1	25.74	125.1	25.06	121.0	24.36	113.1	22.97

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

38. ARUM820LTE6

38.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	147.9	71.50	146.8	72.11	145.5	72.72	145.1	73.00	144.5	73.31	143.4	73.91
	-24.8	-25	172.4	75.11	171.1	75.79	169.7	76.46	169.2	76.79	168.6	77.14	167.3	77.78
	-21.8	-22	187.6	77.18	186.2	77.91	185.0	78.62	184.3	78.97	183.7	79.32	182.3	80.01
	-19.8	-20	198.4	78.58	197.0	79.32	195.6	80.06	194.8	80.43	194.2	80.80	192.8	81.52
	-18.8	-19	204.0	79.27	202.3	80.04	200.9	80.79	200.2	81.16	199.5	81.53	198.1	82.26
	-16.7	-17	215.2	80.68	213.8	81.46	212.4	82.26	211.4	82.64	210.8	83.01	209.3	83.77
	-15	-15.9	222.3	81.50	220.6	82.31	219.1	83.10	218.4	83.50	217.4	83.88	216.0	84.65
	-13.7	-15	228.6	82.24	227.1	83.08	225.5	83.89	224.7	84.30	224.0	84.70	222.6	85.48
	-11.8	-13	240.1	83.58	238.4	84.43	236.9	85.27	235.9	85.68	235.2	86.08	233.5	86.89
	-9.8	-11	253.1	85.03	251.3	85.90	249.5	86.75	248.7	87.18	247.8	87.59	246.1	88.40
	-9.5	-10	259.3	85.69	257.6	86.59	255.8	87.45	254.8	87.88	254.0	88.32	252.0	89.13
	-8.5	-9.1	265.6	86.37	263.6	87.26	261.8	88.13	260.8	88.57	260.0	89.00	258.2	89.85
	-7	-7.6	276.1	87.48	274.1	88.40	272.2	89.30	271.3	89.74	270.2	90.18	268.4	91.03
	-5	-5.6	290.8	88.98	288.7	89.92	286.6	90.85	285.6	91.30	284.5	91.76	282.4	92.64
	-3	-3.7	305.1	90.43	303.0	91.41	300.9	92.35	299.8	92.82	298.8	93.29	291.1	91.54
	0	-0.7	328.9	92.79	326.7	93.77	324.1	94.68	319.0	93.48	314.1	92.26	293.9	85.48
	3	2.2	352.9	95.05	347.7	95.01	335.8	92.02	325.2	88.72	314.7	85.45	293.9	79.04
	5	4.1	357.4	91.87	336.2	85.63	315.1	79.51	304.5	76.50	293.9	73.51	272.6	67.65
	7	6	336.8	79.37	315.3	73.65	293.9	68.08	283.2	65.33	272.3	62.61	250.8	57.26
	9	7.9	315.3	67.84	293.7	62.71	271.9	57.66	261.1	55.19	250.1	52.74	228.3	47.91
	11	9.8	293.1	57.43	271.3	52.84	249.4	48.32	238.4	46.12	227.2	43.90	205.0	39.56
	13	11.8	270.2	47.95	248.1	43.88	225.9	39.89	214.9	37.92	203.7	35.96	181.0	32.11
	15	13.7	246.4	39.65	224.2	36.07	201.6	32.54	190.3	30.79	179.1	29.08	156.1	25.66
120	-30	-30.2	147.2	71.82	146.1	72.43	145.1	73.02	144.5	73.31	144.0	73.61	143.0	74.20
	-24.8	-25	171.5	75.53	170.3	76.20	169.0	76.88	168.5	77.21	167.9	77.52	166.5	78.17
	-21.8	-22	186.8	77.69	185.4	78.40	184.0	79.10	183.3	79.45	182.6	79.78	181.5	80.46
	-19.8	-20	197.3	79.13	195.9	79.87	194.6	80.59	193.8	80.96	193.1	81.30	191.7	82.01
	-18.8	-19	202.9	79.85	201.3	80.60	199.8	81.35	199.1	81.72	198.4	82.07	197.0	82.79
	-16.7	-17	214.1	81.31	212.7	82.09	211.0	82.86	210.3	83.23	209.6	83.60	208.2	84.34
	-15	-15.9	220.8	82.17	219.4	82.96	217.8	83.75	217.0	84.13	216.3	84.51	214.9	85.27
	-13.7	-15	227.2	82.96	225.7	83.78	224.3	84.58	223.6	84.98	222.6	85.36	221.3	86.13
	-11.8	-13	238.7	84.34	237.0	85.19	235.3	86.00	234.6	86.40	233.8	86.80	232.1	87.58
	-9.8	-11	251.6	85.86	249.5	86.71	247.8	87.54	247.0	87.95	246.1	88.36	244.5	89.17
	-9.5	-10	257.6	86.56	255.8	87.43	254.0	88.28	253.0	88.71	252.2	89.11	250.5	89.92
	-8.5	-9.1	263.7	87.28	261.8	88.15	259.9	89.00	259.0	89.43	258.2	89.84	256.4	90.68
	-7	-7.6	274.0	88.43	272.2	89.33	270.1	90.21	269.2	90.64	268.4	91.08	264.2	90.85
	-5	-5.6	288.3	90.02	286.2	90.96	284.3	91.86	283.3	92.29	281.5	92.32	271.2	89.19
	-3	-3.7	302.6	91.58	300.5	92.52	298.4	93.45	294.1	92.35	289.5	91.13	271.2	84.72
	0	-0.7	325.9	94.07	321.1	93.92	309.9	90.89	300.3	87.64	290.5	84.44	271.2	78.11
	3	2.2	343.9	94.11	329.3	89.99	309.9	83.97	300.3	81.00	290.5	78.07	271.2	72.30
	5	4.1	330.0	83.78	310.5	78.18	290.9	72.68	281.2	69.97	271.3	67.28	251.8	62.01
	7	6	310.9	72.46	291.1	67.34	271.3	62.34	261.4	59.85	251.4	57.43	231.6	52.59
	9	7.9	291.1	62.06	271.0	57.46	251.1	52.93	241.2	50.70	230.9	48.48	210.8	44.11
	11	9.8	270.6	52.68	250.5	48.55	230.2	44.47	220.1	42.48	209.8	40.48	189.3	36.55
	13	11.8	249.4	44.11	229.0	40.42	208.5	36.81	198.3	35.04	187.9	33.28	167.0	29.78

38. ARUM820LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	227.5	36.59	206.8	33.35	186.2	30.14	175.7	28.58	165.3	27.02	144.1	23.92
110	-30	-30.2	146.5	72.20	145.5	72.81	144.4	73.39	144.0	73.70	143.4	73.97	142.3	74.55
	-24.8	-25	170.7	76.04	169.3	76.69	168.2	77.36	167.5	77.67	166.9	78.00	165.8	78.62
	-21.8	-22	185.7	78.26	184.3	78.96	183.0	79.66	182.2	80.00	181.6	80.33	180.5	81.01
	-19.8	-20	196.1	79.76	194.8	80.50	193.4	81.20	192.7	81.55	192.1	81.92	190.6	82.59
	-18.8	-19	201.5	80.52	200.0	81.26	198.7	81.98	197.9	82.34	197.3	82.70	196.0	83.39
	-16.7	-17	212.7	82.04	211.2	82.81	209.6	83.56	208.9	83.93	208.2	84.30	206.8	85.00
	-15	-15.9	219.3	82.94	218.0	83.72	216.3	84.49	215.5	84.86	214.9	85.23	213.4	85.97
	-13.7	-15	225.7	83.79	224.2	84.58	222.8	85.37	221.9	85.76	221.1	86.13	219.8	86.89
	-11.8	-13	236.9	85.22	235.2	86.06	233.7	86.84	232.7	87.24	232.1	87.62	230.4	88.39
	-9.8	-11	249.5	86.80	247.6	87.65	245.9	88.48	245.1	88.86	244.2	89.26	241.2	89.38
	-9.5	-10	255.4	87.56	253.7	88.41	251.9	89.24	251.1	89.65	250.1	90.05	244.6	88.88
	-8.5	-9.1	261.4	88.31	259.5	89.16	257.8	90.00	256.8	90.41	256.1	90.81	248.0	88.42
	-7	-7.6	271.7	89.56	269.7	90.41	267.9	91.28	266.3	91.39	262.1	90.15	248.6	85.25
	-5	-5.6	285.7	91.23	283.7	92.14	278.4	91.41	274.1	90.25	266.5	87.39	248.6	80.85
	-3	-3.7	299.7	92.89	294.9	92.53	284.0	89.31	275.3	86.14	266.5	83.00	248.6	76.84
	0	-0.7	316.6	92.79	301.7	88.19	284.0	82.32	275.3	79.44	266.5	76.57	248.6	70.94
	3	2.2	319.6	86.97	301.7	81.49	284.0	76.15	275.3	73.50	266.5	70.88	248.6	65.75
	5	4.1	302.5	75.92	284.6	70.94	266.7	66.03	257.7	63.63	248.8	61.23	230.7	56.50
	7	6	284.9	65.78	266.9	61.22	248.8	56.75	239.5	54.55	230.6	52.35	212.2	48.04
	9	7.9	266.8	56.46	248.4	52.34	230.2	48.31	221.0	46.32	211.8	44.33	193.1	40.41
	11	9.8	248.0	48.05	229.6	44.34	211.1	40.71	201.6	38.91	192.3	37.14	173.5	33.61
	13	11.8	228.5	40.35	209.8	37.07	191.2	33.84	181.7	32.22	172.2	30.65	153.1	27.49
	15	13.7	208.4	33.59	189.6	30.69	170.5	27.81	161.0	26.40	151.4	24.99	131.9	22.21
100	-30	-30.2	145.7	72.66	144.7	73.24	143.6	73.84	143.0	74.12	142.6	74.39	141.6	74.97
	-24.8	-25	169.6	76.63	168.2	77.28	167.1	77.92	166.5	78.23	166.0	78.56	164.8	79.17
	-21.8	-22	184.3	78.94	183.0	79.65	181.8	80.32	181.1	80.64	180.5	80.97	179.4	81.64
	-19.8	-20	194.8	80.52	193.3	81.23	191.9	81.92	191.3	82.27	190.6	82.62	189.3	83.28
	-18.8	-19	200.0	81.31	198.6	82.03	197.2	82.73	196.6	83.10	195.8	83.43	194.5	84.11
	-16.7	-17	211.0	82.91	209.5	83.65	208.1	84.39	207.4	84.76	206.7	85.09	205.3	85.80
	-15	-15.9	217.6	83.87	216.1	84.62	214.5	85.36	213.8	85.73	213.1	86.10	211.7	86.81
	-13.7	-15	223.8	84.74	222.5	85.54	221.1	86.29	220.3	86.66	219.6	87.05	218.1	87.68
	-11.8	-13	234.8	86.26	233.3	87.06	231.6	87.84	230.9	88.22	230.0	88.59	223.9	86.79
	-9.8	-11	247.0	87.94	245.5	88.75	243.7	89.55	242.1	89.60	238.4	88.39	225.9	83.56
	-9.5	-10	252.9	88.74	251.1	89.55	249.3	90.29	245.5	89.10	241.8	87.93	225.9	81.58
	-8.5	-9.1	258.8	89.53	257.0	90.36	252.7	89.80	248.7	88.63	242.2	86.09	225.9	79.69
	-7	-7.6	268.8	90.85	266.0	91.23	258.3	89.02	250.1	85.87	242.2	82.77	225.9	76.65
	-5	-5.6	281.7	92.22	273.8	90.13	258.3	84.40	250.1	81.45	242.2	78.52	225.9	72.75
	-3	-3.7	289.5	91.13	274.4	85.86	258.3	80.19	250.1	77.38	242.2	74.62	225.9	69.20
	0	-0.7	290.5	84.44	274.4	79.16	258.3	74.01	250.1	71.45	242.2	68.94	225.9	63.97
	3	2.2	290.5	78.07	274.4	73.25	258.3	68.53	250.1	66.22	242.2	63.90	225.9	59.35
	5	4.1	275.1	68.31	258.7	63.91	242.5	59.59	234.3	57.44	226.1	55.33	209.7	51.13
	7	6	259.0	59.27	242.6	55.26	226.1	51.31	217.9	49.35	209.5	47.42	193.0	43.58
	9	7.9	242.6	51.02	225.9	47.38	209.1	43.80	200.9	42.02	192.4	40.28	175.6	36.81
	11	9.8	225.5	43.54	208.7	40.28	191.8	37.03	183.4	35.44	174.9	33.86	157.8	30.73
	13	11.8	207.8	36.68	191.0	33.77	173.9	30.89	165.3	29.46	156.5	28.07	139.2	25.25
	15	13.7	189.6	30.66	172.4	28.07	155.1	25.53	146.5	24.26	137.7	23.01	120.0	20.53

38. ARUM820LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	144.7	73.21	143.6	73.79	142.6	74.36	142.3	74.63	141.6	74.91	140.8	75.47
	-24.8	-25	168.2	77.33	167.1	77.98	165.8	78.61	165.4	78.92	164.6	79.22	163.5	79.83
	-21.8	-22	182.8	79.77	181.5	80.44	180.3	81.10	179.6	81.43	179.0	81.73	177.9	82.37
	-19.8	-20	192.9	81.42	191.6	82.10	190.2	82.78	189.6	83.12	189.1	83.45	187.7	84.09
	-18.8	-19	198.2	82.25	196.8	82.96	195.4	83.63	194.7	83.98	194.1	84.31	192.7	84.98
	-16.7	-17	209.1	83.94	207.6	84.66	206.0	85.39	205.3	85.73	204.6	86.07	200.3	84.92
	-15	-15.9	215.5	84.95	214.0	85.69	212.6	86.41	211.9	86.77	210.7	86.85	203.3	84.14
	-13.7	-15	221.7	85.91	220.3	86.66	218.8	87.40	217.7	87.53	214.3	86.32	203.3	81.69
	-11.8	-13	232.3	87.50	230.8	88.26	227.0	87.79	223.5	86.66	217.9	84.36	203.3	78.12
	-9.8	-11	244.3	89.29	240.8	89.08	232.4	86.25	225.1	83.22	217.9	80.23	203.3	74.34
	-9.5	-10	249.9	90.12	244.0	88.62	232.4	84.19	225.1	81.26	217.9	78.34	203.3	72.64
	-8.5	-9.1	254.2	90.20	247.0	88.02	232.4	82.24	225.1	79.37	217.9	76.56	203.3	70.98
	-7	-7.6	259.8	89.45	247.0	84.63	232.4	79.09	225.1	76.35	217.9	73.65	203.3	68.30
	-5	-5.6	261.4	85.60	247.0	80.27	232.4	75.03	225.1	72.47	217.9	69.92	203.3	64.89
	-3	-3.7	261.4	81.31	247.0	76.29	232.4	71.35	225.1	68.92	217.9	66.51	203.3	61.75
	0	-0.7	261.4	75.03	247.0	70.44	232.4	65.94	225.1	63.73	217.9	61.53	203.3	57.19
	3	2.2	261.4	69.48	247.0	65.29	232.4	61.17	225.1	59.14	217.9	57.13	203.3	53.15
	5	4.1	247.5	60.93	233.0	57.08	218.3	53.30	210.8	51.42	203.5	49.57	188.6	45.88
	7	6	233.1	52.98	218.4	49.47	203.5	46.00	196.1	44.30	188.6	42.60	173.6	39.25
	9	7.9	218.3	45.72	203.3	42.55	188.3	39.40	180.8	37.86	173.3	36.31	158.2	33.25
	11	9.8	202.9	39.16	187.9	36.28	172.6	33.45	165.0	32.05	157.5	30.66	142.0	27.89
	13	11.8	186.9	33.12	171.8	30.56	156.5	28.03	148.7	26.78	141.1	25.53	125.4	23.05
	15	13.7	170.5	27.81	155.1	25.53	139.7	23.30	131.8	22.18	124.0	21.07	107.9	18.87
80	-30	-30.2	143.6	73.87	142.5	74.43	141.5	75.00	141.1	75.26	140.5	75.54	139.7	76.07
	-24.8	-25	166.7	78.20	165.4	78.82	164.3	79.43	163.7	79.73	163.2	80.02	162.1	80.63
	-21.8	-22	180.7	80.78	179.6	81.43	178.3	82.06	177.9	82.37	177.1	82.68	175.4	82.82
	-19.8	-20	190.8	82.50	189.5	83.18	188.3	83.85	187.6	84.16	186.8	84.39	180.8	82.04
	-18.8	-19	196.0	83.40	194.7	84.07	193.3	84.75	192.6	85.06	189.7	84.03	180.8	80.04
	-16.7	-17	206.5	85.19	205.1	85.90	201.9	85.44	198.8	84.35	193.7	82.14	180.8	76.16
	-15	-15.9	212.9	86.27	211.5	86.98	205.3	84.91	200.2	82.66	193.7	79.72	180.8	73.89
	-13.7	-15	219.1	87.30	215.0	86.55	206.7	83.16	200.2	80.23	193.7	77.35	180.8	71.68
	-11.8	-13	227.0	87.75	219.6	85.08	206.7	79.51	200.2	76.75	193.7	74.00	180.8	68.59
	-9.8	-11	232.4	86.25	219.6	80.89	206.7	75.65	200.2	73.05	193.7	70.48	180.8	65.43
	-9.5	-10	232.4	84.19	219.6	78.99	206.7	73.89	200.2	71.39	193.7	68.90	180.8	63.98
	-8.5	-9.1	232.4	82.24	219.6	77.18	206.7	72.22	200.2	69.76	193.7	67.32	180.8	62.53
	-7	-7.6	232.4	79.09	219.6	74.24	206.7	69.49	200.2	67.14	193.7	64.81	180.8	60.22
	-5	-5.6	232.4	75.03	219.6	70.49	206.7	66.01	200.2	63.78	193.7	61.58	180.8	57.26
	-3	-3.7	232.4	71.35	219.6	67.05	206.7	62.80	200.2	60.73	193.7	58.65	180.8	54.56
	0	-0.7	232.4	65.94	219.6	62.01	206.7	58.14	200.2	56.23	193.7	54.34	180.8	50.60
	3	2.2	232.4	61.17	219.6	57.57	206.7	54.03	200.2	52.28	193.7	50.52	180.8	47.10
	5	4.1	220.1	53.76	207.0	50.46	194.0	47.18	187.5	45.56	180.8	43.96	167.7	40.79
	7	6	207.3	46.87	194.0	43.85	180.8	40.86	174.3	39.38	167.7	37.92	154.4	35.02
	9	7.9	194.0	40.58	180.8	37.85	167.4	35.12	160.6	33.78	154.1	32.44	140.5	29.79
	11	9.8	180.4	34.88	167.0	32.40	153.4	29.95	146.6	28.72	139.8	27.53	126.1	25.13
	13	11.8	166.3	29.65	152.7	27.42	139.0	25.22	132.2	24.13	125.4	23.05	111.4	20.92
	15	13.7	151.7	25.02	137.9	23.04	124.1	21.10	117.2	20.13	110.1	19.15	96.00	17.23
70	-30	-30.2	142.1	74.72	141.1	75.26	140.1	75.79	139.7	76.07	139.1	76.34	138.3	76.86

38. ARUM820LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	164.5	79.28	163.5	79.89	162.4	80.46	161.8	80.76	161.4	81.03	157.0	79.38
	-21.8	-22	178.5	82.01	177.1	82.64	175.4	82.78	172.6	81.70	169.4	80.32	158.2	74.53
	-19.8	-20	188.3	83.86	186.3	84.09	180.8	82.04	175.2	79.24	169.4	76.47	158.2	70.98
	-18.8	-19	193.2	84.82	189.1	83.70	180.8	80.04	175.2	77.31	169.4	74.62	158.2	69.27
	-16.7	-17	200.3	84.88	192.1	81.37	180.8	76.16	175.2	73.58	169.4	71.01	158.2	65.96
	-15	-15.9	203.3	84.15	192.1	78.99	180.8	73.89	175.2	71.36	169.4	68.85	158.2	63.91
	-13.7	-15	203.3	81.69	192.1	76.65	180.8	71.69	175.2	69.23	169.4	66.80	158.2	62.02
	-11.8	-13	203.3	78.12	192.1	73.31	180.8	68.59	175.2	66.24	169.4	63.94	158.2	59.39
	-9.8	-11	203.3	74.34	192.1	69.83	180.8	65.43	175.2	63.24	169.4	61.06	158.2	56.73
	-9.5	-10	203.3	72.64	192.1	68.28	180.8	63.98	175.2	61.85	169.4	59.74	158.2	55.59
	-8.5	-9.1	203.3	70.98	192.1	66.73	180.8	62.53	175.2	60.46	169.4	58.41	158.2	54.36
	-7	-7.6	203.3	68.30	192.1	64.23	180.8	60.22	175.2	58.24	169.4	56.28	158.2	52.39
	-5	-5.6	203.3	64.89	192.1	61.04	180.8	57.27	175.2	55.39	169.4	53.54	158.2	49.87
	-3	-3.7	203.3	61.75	192.1	58.14	180.8	54.56	175.2	52.79	169.4	51.04	158.2	47.57
	0	-0.7	203.3	57.19	192.1	53.88	180.8	50.60	175.2	48.98	169.4	47.39	158.2	44.20
	3	2.2	203.3	53.15	192.1	50.11	180.8	47.10	175.2	45.61	169.4	44.15	158.2	41.22
	5	4.1	192.5	46.84	181.1	44.03	169.8	41.25	164.0	39.88	158.2	38.51	146.9	35.82
	7	6	181.4	40.95	169.8	38.40	158.2	35.87	152.4	34.60	146.6	33.36	135.0	30.88
	9	7.9	169.8	35.61	158.2	33.27	146.5	30.96	140.7	29.83	134.7	28.69	123.0	26.42
	11	9.8	157.8	30.73	146.1	28.63	134.3	26.54	128.4	25.51	122.4	24.46	110.4	22.42
	13	11.8	145.5	26.25	133.6	24.36	121.7	22.50	115.7	21.56	109.6	20.64	97.40	18.79
	15	13.7	132.6	22.31	120.6	20.60	108.6	18.95	102.5	18.11	96.40	17.30	84.00	15.64
60	-30	-30.2	140.0	75.80	139.3	76.33	138.3	76.86	137.8	77.11	137.2	77.37	134.0	76.04
	-24.8	-25	162.0	80.67	160.1	80.65	155.1	78.45	150.0	75.82	145.2	73.20	135.6	68.02
	-21.8	-22	172.3	81.52	164.7	77.83	155.1	72.91	150.0	70.47	145.2	68.06	135.6	63.27
	-19.8	-20	174.3	78.84	164.7	74.11	155.1	69.43	150.0	67.14	145.2	64.85	135.6	60.32
	-18.8	-19	174.3	76.93	164.7	72.31	155.1	67.78	150.0	65.53	145.2	63.30	135.6	58.90
	-16.7	-17	174.3	73.21	164.7	68.85	155.1	64.55	150.0	62.41	145.2	60.31	135.6	56.14
	-15	-15.9	174.3	71.00	164.7	66.73	155.1	62.52	150.0	60.45	145.2	58.39	135.6	54.31
	-13.7	-15	174.3	68.89	164.7	64.76	155.1	60.69	150.0	58.67	145.2	56.68	135.6	52.74
	-11.8	-13	174.3	65.93	164.7	61.97	155.1	58.08	150.0	56.16	145.2	54.28	135.6	50.52
	-9.8	-11	174.3	62.92	164.7	59.19	155.1	55.50	150.0	53.66	145.2	51.86	135.6	48.29
	-9.5	-10	174.3	61.53	164.7	57.95	155.1	54.42	150.0	52.65	145.2	50.92	135.6	47.47
	-8.5	-9.1	174.3	60.16	164.7	56.66	155.1	53.22	150.0	51.51	145.2	49.81	135.6	46.45
	-7	-7.6	174.3	57.97	164.7	54.61	155.1	51.29	150.0	49.66	145.2	48.03	135.6	44.81
	-5	-5.6	174.3	55.12	164.7	51.97	155.1	48.84	150.0	47.30	145.2	45.75	135.6	42.73
	-3	-3.7	174.3	52.55	164.7	49.54	155.1	46.59	150.0	45.13	145.2	43.67	135.6	40.80
	0	-0.7	174.3	48.75	164.7	46.02	155.1	43.31	150.0	41.96	145.2	40.64	135.6	37.99
	3	2.2	174.3	45.41	164.7	42.89	155.1	40.40	150.0	39.17	145.2	37.95	135.6	35.53
	5	4.1	165.0	40.12	155.2	37.81	145.5	35.50	140.5	34.36	135.7	33.23	125.8	30.99
	7	6	155.4	35.25	145.6	33.11	135.7	31.01	130.8	29.97	125.8	28.94	115.8	26.88
	9	7.9	145.5	30.77	135.6	28.83	125.4	26.92	120.6	25.97	115.5	25.01	105.3	23.14
	11	9.8	135.3	26.70	125.1	24.96	115.2	23.22	110.0	22.36	104.9	21.50	94.70	19.77
	13	11.8	124.7	22.96	114.5	21.39	104.2	19.82	99.10	19.05	93.90	18.28	83.50	16.72
	15	13.7	113.7	19.65	103.5	18.23	93.00	16.85	87.80	16.15	82.60	15.46	72.10	14.07
50	-30	-30.2	137.4	77.27	134.9	76.38	129.1	73.26	125.1	70.84	121.0	68.43	113.1	63.68
	-24.8	-25	145.2	73.20	137.3	68.89	129.1	64.63	125.1	62.51	121.0	60.43	113.1	56.28

38. ARUM820LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	145.2	68.06	137.3	64.08	129.1	60.14	125.1	58.20	121.0	56.27	113.1	52.45
	-19.8	-20	145.2	64.85	137.3	61.07	129.1	57.34	125.1	55.50	121.0	53.68	113.1	50.05
	-18.8	-19	145.2	63.32	137.3	59.62	129.1	55.99	125.1	54.20	121.0	52.42	113.1	48.89
	-16.7	-17	145.2	60.31	137.3	56.83	129.1	53.39	125.1	51.69	121.0	49.99	113.1	46.65
	-15	-15.9	145.2	58.39	137.3	54.98	129.1	51.66	125.1	49.98	121.0	48.35	113.1	45.11
	-13.7	-15	145.2	56.68	137.3	53.38	129.1	50.15	125.1	48.55	121.0	46.95	113.1	43.82
	-11.8	-13	145.2	54.28	137.3	51.13	129.1	48.05	125.1	46.52	121.0	45.00	113.1	42.01
	-9.8	-11	145.2	51.86	137.3	48.88	129.1	45.95	125.1	44.50	121.0	43.04	113.1	40.20
	-9.5	-10	145.2	50.92	137.3	48.06	129.1	45.21	125.1	43.81	121.0	42.42	113.1	39.65
	-8.5	-9.1	145.2	49.81	137.3	47.02	129.1	44.26	125.1	42.88	121.0	41.52	113.1	38.82
	-7	-7.6	145.2	48.03	137.3	45.34	129.1	42.69	125.1	41.39	121.0	40.09	113.1	37.52
	-5	-5.6	145.2	45.75	137.3	43.23	129.1	40.72	125.1	39.47	121.0	38.25	113.1	35.81
	-3	-3.7	145.2	43.67	137.3	41.30	129.1	38.93	125.1	37.74	121.0	36.58	113.1	34.26
	0	-0.7	145.2	40.64	137.3	38.44	129.1	36.26	125.1	35.18	121.0	34.11	113.1	31.99
	3	2.2	145.2	37.95	137.3	35.92	129.1	33.92	125.1	32.95	121.0	31.95	113.1	29.99
	5	4.1	137.4	33.68	129.5	31.80	121.3	29.96	117.2	29.03	113.1	28.12	104.9	26.32
	7	6	129.5	29.72	121.3	28.01	113.1	26.31	109.0	25.47	104.9	24.64	96.40	22.96
	9	7.9	121.3	26.10	113.1	24.54	104.6	23.00	100.4	22.22	96.30	21.46	87.80	19.94
	11	9.8	112.7	22.81	104.3	21.38	96.00	19.98	91.70	19.29	87.40	18.58	78.90	17.20
	13	11.8	103.8	19.76	95.40	18.50	86.80	17.22	82.60	16.59	78.30	15.97	69.70	14.70
	15	13.7	94.70	17.08	86.10	15.93	77.50	14.80	73.20	14.22	68.80	13.66	60.00	12.53

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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38.5 Capacity Correction Factor

38.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0
-60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-50	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-40	-	-	-	-	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-30	-	-	-	96.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-20	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0	79.0
-10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
-7.5	99.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
0	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
20	-	-	98.0	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
30	-	-	-	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	80.0
40	-	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
50	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
60	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0
110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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38.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

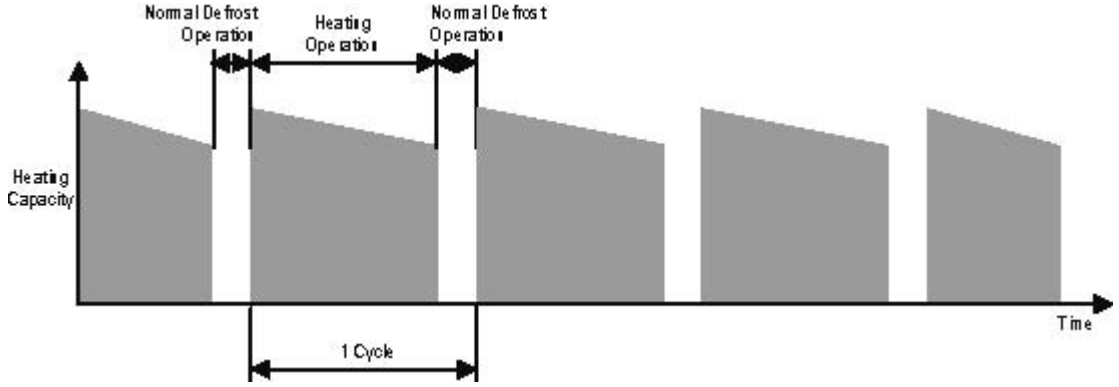
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- Integrated heating capacity = A
- Value given in table of capacity characteristics = B
- Integrated correction factor for frost accumulation = C
- A = B x C

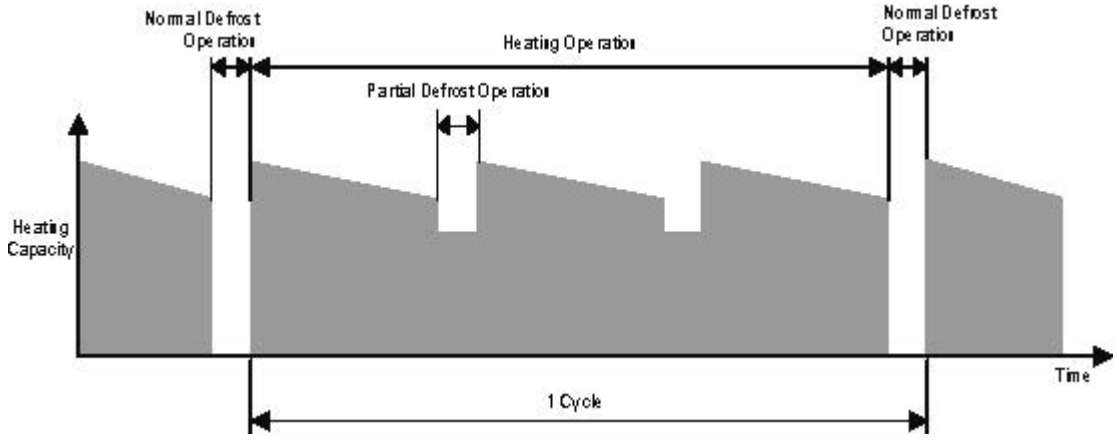
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

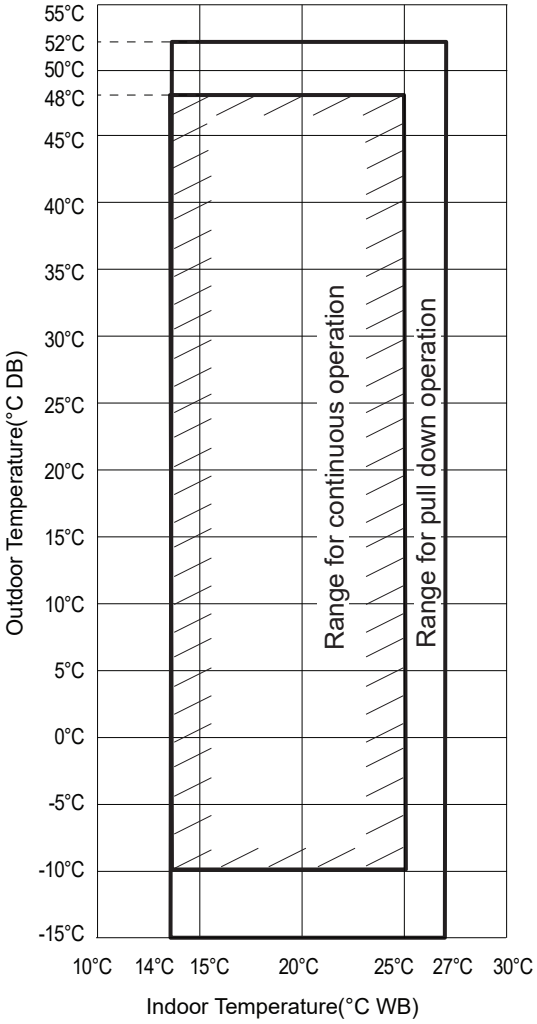


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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38.6 Operation Limits

38.6.1 Cooling

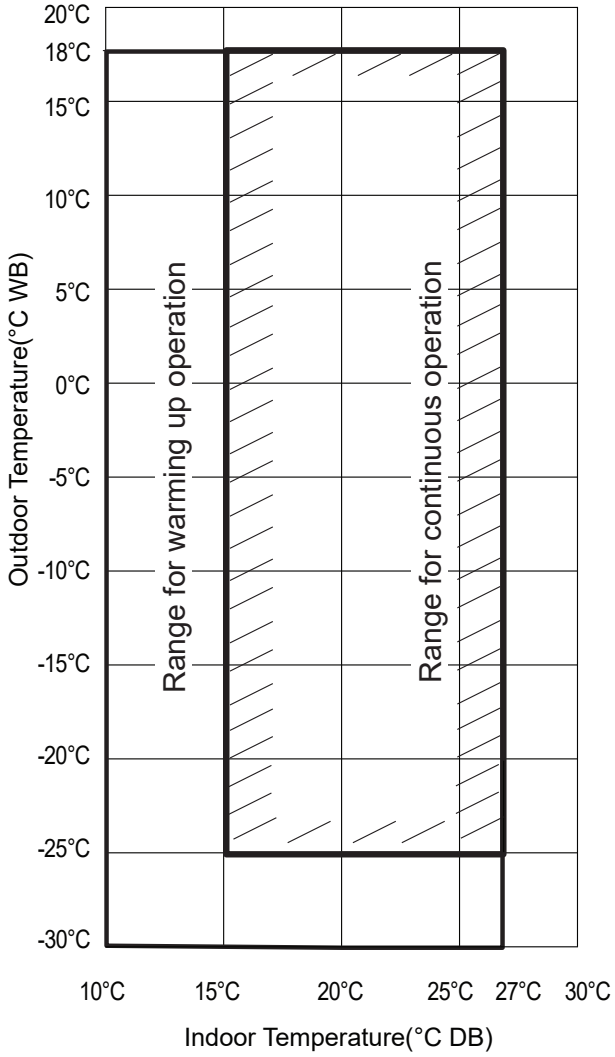


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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38.6.2 Heating

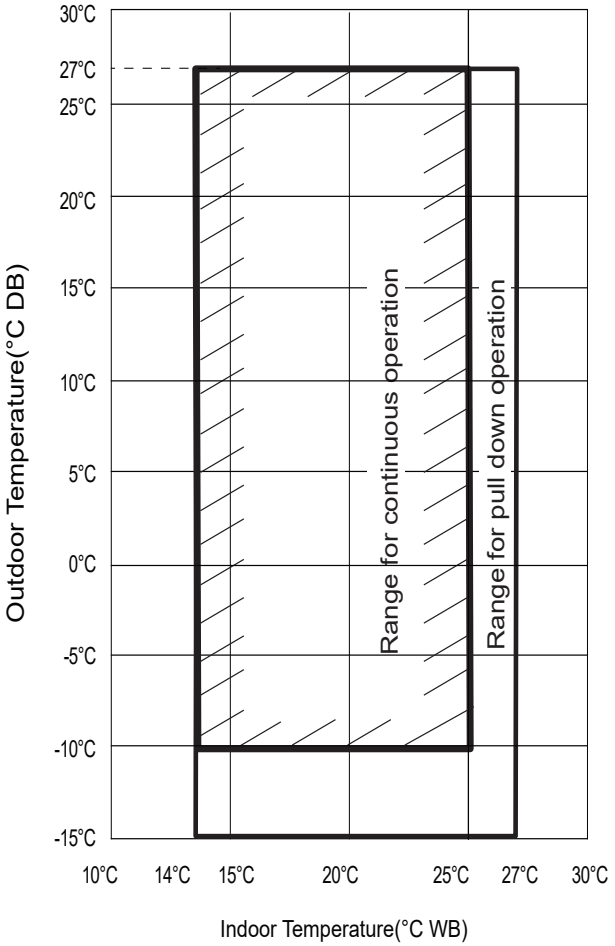


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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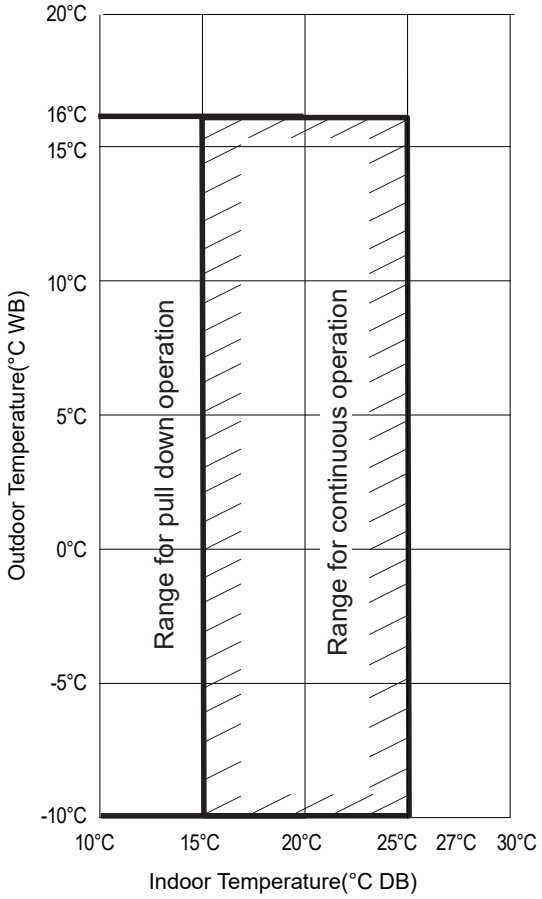
38.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

38.6.4 Simultaneous Operation (Heating)



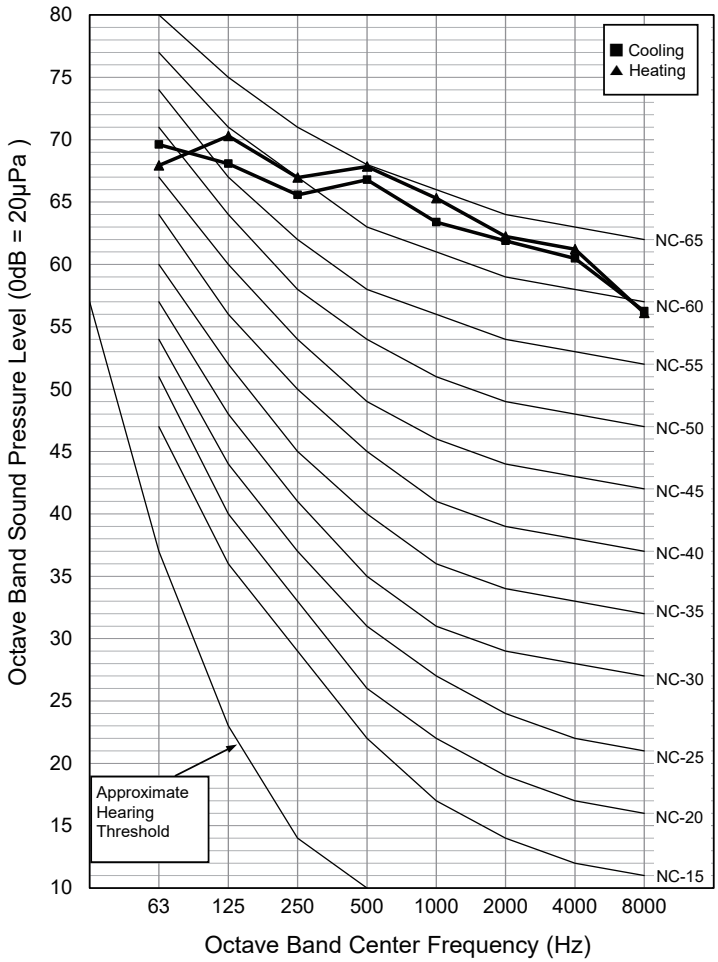
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

38. ARUM820LTE6

38.7 Sound Levels

38.7.1 Pressure Levels



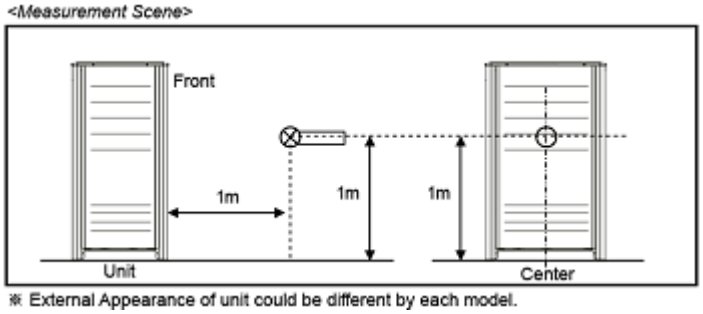
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.6	68.1	65.6	66.8	63.4	61.9	60.5	56.2
Heating[dB]	67.9	70.3	67.0	67.8	65.3	62.2	61.2	56.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	69.5 / 70.6

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

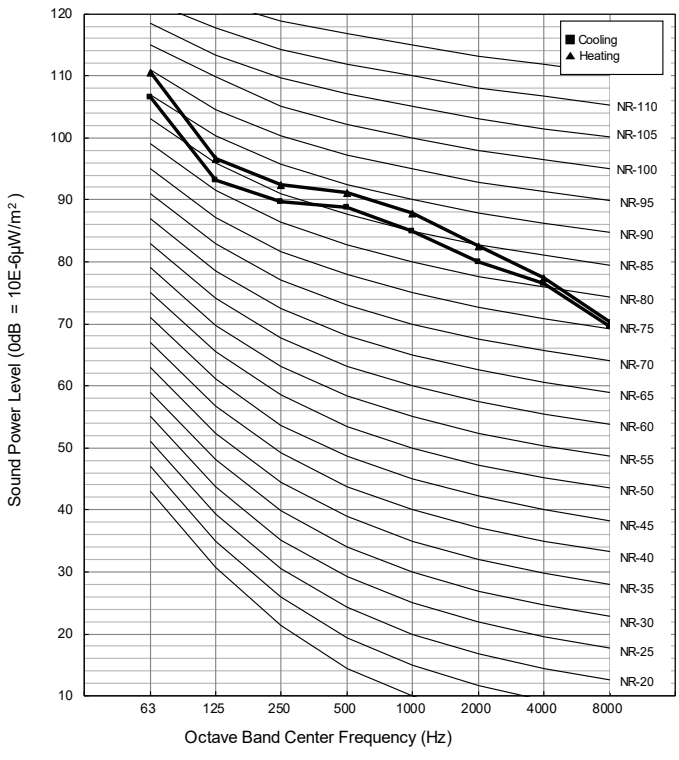
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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38.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000	*Overall [dB(A)]*
Cooling [dB]	106.6	93.2	89.7	88.8	85.0	79.9	76.5	69.5	90.6
Heating [dB]	110.5	96.7	89.7	88.8	85.0	79.9	76.5	69.5	93.4

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.6 / 93.4

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

39. ARUM840LTE6

39.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXB + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM160LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	139.34 - 132.37 - 127.59
	Running Current by Voltage (Heating,Rated)	A	97.94 - 93.04 - 89.68
Cooling Capacity	Rated	kW	235.2
		Btu/h	802,500
Heating Capacity	Rated	kW	235.2
		Btu/h	802,500
	Max	kW	264.6
		Btu/h	902,900
Power Input(Cooling)	Rated	kW	85.29
Power Input(Heating)	Rated	kW	59.95
Efficiency	EER(Rated)	W/W	2.76
	COP(Rated)	W/W	3.92
	SEER	Wh/Wh	7.55
	SCOP	Wh/Wh	4.80
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 7
	Number of Revolution	rev./min	3,600 x 7
	Motor Output	W x No.	5,300 x 7
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	6
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2)
Weight	Net	kg	(362 x 1) + (362 x 1) + (300 x 1) + (255 x 1)
	Shipping	kg	(372 x 1) + (372 x 1) + (310 x 1) + (265 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	61.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	127.338
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	69.6 / 70.6
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.3 / 93.8
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	181.7
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	202.0
	Comp_Maximum Starting Current (MSC)	A	41.3
	Comp_Rated Load Amperes (Cooling)	A	124.3
	Comp_Rated Load Amperes (Heating)	A	83.0
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	15.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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39.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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39.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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39.4 Capacity Tables

39.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	183.7	21.15	232.0	30.24	283.9	44.84	305.6	52.78	329.7	61.93	347.9	68.25	362.2	73.32
	12	183.7	23.19	232.0	33.33	283.9	49.06	305.6	57.40	329.6	66.43	347.8	72.83	362.1	77.91
	14	183.7	25.44	232.0	36.73	283.9	53.66	305.6	62.30	329.5	71.33	347.6	77.81	361.9	82.93
	16	183.7	27.95	232.0	40.49	283.9	58.68	305.6	67.56	329.2	76.59	347.4	83.23	361.6	88.41
	18	183.7	30.73	232.0	44.58	283.9	64.15	305.6	73.25	328.9	82.32	347.1	88.81	361.3	92.93
	20	183.7	33.78	232.0	49.06	283.9	70.12	305.6	79.37	328.5	86.99	346.7	92.50	360.9	96.53
	21	183.7	35.42	232.0	51.45	283.9	73.30	305.6	81.49	328.3	88.97	346.4	94.47	360.7	98.46
	23	183.7	38.98	232.0	56.58	283.9	77.96	305.6	85.67	327.8	92.81	346.0	98.30	360.2	102.2
	25	183.7	42.84	232.0	60.94	283.9	82.22	305.6	89.87	327.3	96.93	345.4	102.5	359.6	106.4
	27	183.7	46.46	232.0	64.74	283.9	86.63	305.6	94.28	326.7	101.5	344.8	107.2	359.0	111.3
	29	183.7	49.52	232.0	68.78	283.9	91.35	305.0	98.98	326.0	106.5	344.2	112.5	356.6	116.2
	31	183.7	52.74	232.0	73.11	283.9	96.48	304.3	104.1	325.3	112.1	343.4	118.6	353.0	121.6
	33	183.7	56.20	232.0	77.76	283.9	102.0	303.6	109.8	324.6	118.4	339.4	124.2	340.3	124.4
	35	183.7	59.87	232.0	82.76	283.9	107.8	302.8	116.1	319.7	123.7	320.6	123.8	321.7	124.0
	37	183.7	63.82	232.0	88.17	283.3	114.2	299.9	122.2	301.0	122.4	302.0	122.6	302.9	122.8
	39	183.7	68.02	232.0	94.08	280.5	120.2	281.5	120.4	282.7	120.6	283.5	120.8	284.4	120.9
	41	183.7	72.53	232.0	100.6	260.7	117.4	260.4	117.4	260.3	117.3	260.0	117.3	260.3	117.4
	43	183.7	77.40	232.0	107.8	240.1	113.0	239.8	113.0	239.8	112.9	239.7	113.0	239.7	112.9
	46	183.7	85.50	211.2	104.0	210.6	103.8	210.8	103.9	210.6	103.8	210.5	103.8	210.6	103.8
	48	183.7	91.46	192.3	97.58	192.2	97.57	192.2	97.47	192.1	97.48	192.2	97.59	191.9	97.45
	50	175.1	91.68	175.0	91.59	174.7	91.57	174.6	91.46	174.7	91.54	174.4	91.40	174.5	91.47
	52	156.2	81.32	157.8	77.77	158.1	74.19	157.9	73.45	158.1	72.63	158.1	71.94	158.1	71.47
120	10	169.5	19.23	214.2	26.39	261.9	38.08	282.1	44.29	304.9	52.45	324.1	59.78	337.7	64.68
	12	169.5	20.98	214.2	29.09	261.9	41.83	282.1	48.47	304.9	57.06	324.1	64.34	337.6	69.20
	14	169.5	22.93	214.2	32.03	261.9	45.94	282.1	53.04	304.9	61.99	324.1	69.30	337.4	74.10
	16	169.5	25.10	214.2	35.31	261.9	50.40	282.1	58.00	304.9	67.25	324.1	74.68	337.2	79.47
	18	169.5	27.51	214.2	38.89	261.9	55.28	282.1	63.43	304.9	72.92	323.8	80.35	336.9	85.30
	20	169.5	30.20	214.2	42.83	261.9	60.61	282.1	69.37	304.9	79.05	323.4	85.33	336.5	89.42
	21	169.5	31.64	214.2	44.94	261.9	63.46	282.1	72.51	304.9	81.19	323.2	87.31	336.3	91.40
	23	169.5	34.76	214.2	49.45	261.9	68.68	282.1	77.24	304.9	85.40	322.7	91.16	335.8	95.23
	25	169.5	38.18	214.2	53.99	261.9	72.95	282.1	81.62	304.9	89.60	322.2	95.25	335.3	99.41
	27	169.5	41.77	214.2	57.61	261.9	77.37	282.1	86.00	304.9	94.01	321.6	99.74	334.7	104.0
	29	169.5	44.57	214.2	61.33	261.9	82.14	282.1	90.72	304.4	98.73	321.0	104.7	334.1	109.2
	31	169.5	47.48	214.2	65.30	261.9	87.27	282.1	95.80	303.7	103.9	320.3	110.2	333.4	115.0
	33	169.5	50.58	214.2	69.55	261.9	92.83	282.1	101.3	303.0	109.5	319.6	116.3	332.7	121.6
	35	169.5	53.90	214.2	74.02	261.9	98.31	282.1	107.1	302.2	115.8	318.8	123.3	320.5	123.8
	37	169.5	57.45	214.2	78.80	261.9	104.3	281.8	113.5	300.1	122.2	300.9	122.4	301.6	122.6
	39	169.5	61.20	214.2	83.97	261.9	110.9	280.5	120.2	281.6	120.4	282.6	120.6	283.4	120.8
	41	169.5	65.25	214.2	89.57	260.7	117.4	260.4	117.3	260.3	117.3	260.2	117.4	260.2	117.3
	43	169.5	69.59	214.2	95.69	240.1	113.0	239.9	113.0	240.0	113.0	239.8	113.0	239.7	112.9
	46	169.5	76.70	211.0	104.0	210.8	103.8	210.8	103.8	210.8	103.9	210.6	103.9	210.6	103.8
	48	169.5	81.94	192.5	97.60	192.3	97.57	192.3	97.64	192.2	97.53	192.0	97.44	192.2	97.53
	50	169.5	87.63	175.0	91.51	174.6	91.44	174.6	91.45	174.7	91.46	174.3	91.32	174.6	91.47
	52	155.7	82.59	157.3	79.28	158.1	75.65	158.1	74.93	157.9	74.13	158.1	73.56	158.1	73.25
110	10	155.4	17.56	196.3	23.14	240.1	32.23	258.7	37.12	279.3	43.39	297.1	49.52	311.0	54.87
	12	155.4	19.05	196.3	25.42	240.1	35.53	258.7	40.81	279.3	47.52	297.1	54.00	311.0	59.38
	14	155.4	20.71	196.3	27.97	240.1	39.13	258.7	44.84	279.3	52.01	297.1	58.89	311.0	64.26

39. ARUM840LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	155.4	22.58	196.3	30.78	240.1	43.08	258.7	49.23	279.3	56.92	297.1	64.22	311.0	69.58
	18	155.4	24.67	196.3	33.88	240.1	47.42	258.7	54.01	279.3	62.29	297.1	69.95	311.0	75.35
	20	155.4	26.99	196.3	37.29	240.1	52.09	258.7	59.24	279.3	68.13	297.1	75.99	311.0	81.24
	21	155.4	28.23	196.3	39.13	240.1	54.58	258.7	62.05	279.3	71.26	297.1	78.50	311.0	83.36
	23	155.4	30.95	196.3	43.04	240.1	59.93	258.7	67.32	279.3	76.07	297.1	82.73	311.0	87.42
	25	155.4	33.95	196.3	47.36	240.1	64.09	258.7	71.56	279.3	80.53	297.1	86.96	310.9	91.51
	27	155.4	37.25	196.3	50.89	240.1	68.07	258.7	75.91	279.3	84.99	297.1	91.49	310.3	95.88
	29	155.4	39.96	196.3	54.20	240.1	72.29	258.7	80.56	279.3	89.69	297.1	96.23	309.7	100.7
	31	155.4	42.57	196.3	57.72	240.1	76.82	258.7	85.62	279.3	94.70	297.0	101.3	309.1	105.9
	33	155.4	45.35	196.3	61.49	240.1	81.71	258.7	91.10	279.3	100.2	296.3	106.8	308.4	111.7
	35	155.4	48.31	196.3	65.52	240.1	86.98	258.7	96.83	279.3	106.0	295.5	112.9	307.6	118.2
	37	155.4	51.48	196.3	69.82	240.1	92.74	258.7	102.7	279.3	112.4	294.8	119.7	300.4	122.3
	39	155.4	54.87	196.3	74.46	240.1	99.06	258.7	109.2	278.5	119.2	281.2	120.3	282.1	120.5
	41	155.4	58.49	196.3	79.48	240.1	106.1	258.7	116.3	260.5	117.4	260.1	117.3	260.3	117.3
	43	155.4	62.35	196.3	84.82	239.9	112.9	240.1	113.0	239.9	112.9	240.0	113.1	240.0	113.0
	46	155.4	68.66	196.3	93.60	210.8	103.9	210.8	103.9	210.6	103.8	210.6	103.8	210.5	103.8
	48	155.4	73.24	192.5	97.65	192.3	97.58	192.3	97.59	192.3	97.51	192.0	97.49	192.0	97.44
	50	155.4	78.20	175.0	91.68	174.7	91.47	174.7	91.54	174.6	91.41	174.6	91.45	174.6	91.53
	52	154.9	83.19	156.5	80.94	158.1	77.47	158.0	76.77	158.1	75.98	157.9	75.29	158.1	74.46
100	10	141.3	16.16	178.5	20.40	218.4	27.25	235.2	31.01	254.1	35.86	270.1	40.47	282.8	44.48
	12	141.3	17.40	178.5	22.34	218.4	30.03	235.2	34.16	254.1	39.46	270.1	44.41	282.8	48.67
	14	141.3	18.80	178.5	24.47	218.4	33.09	235.2	37.66	254.1	43.35	270.1	48.68	282.8	53.25
	16	141.3	20.37	178.5	26.84	218.4	36.47	235.2	41.48	254.1	47.64	270.1	53.36	282.8	58.23
	18	141.3	22.12	178.5	29.49	218.4	40.17	235.2	45.66	254.1	52.30	270.1	58.48	282.8	63.68
	20	141.3	24.11	178.5	32.41	218.4	44.23	235.2	50.24	254.1	57.39	270.1	64.05	282.8	69.63
	21	141.3	25.17	178.5	33.96	218.4	46.41	235.2	52.68	254.1	60.11	270.1	67.02	282.8	72.81
	23	141.3	27.50	178.5	37.35	218.4	51.08	235.2	57.86	254.1	65.47	270.1	72.07	282.8	77.50
	25	141.3	30.10	178.5	41.06	218.4	55.60	235.2	62.16	254.1	69.65	270.1	76.44	282.8	81.82
	27	141.3	32.97	178.5	44.66	218.4	59.27	235.2	66.01	254.1	73.90	270.1	81.03	282.8	86.22
	29	141.3	35.69	178.5	47.63	218.4	63.10	235.2	70.12	254.1	78.46	270.1	86.00	282.8	90.93
	31	141.3	37.98	178.5	50.73	218.4	67.18	235.2	74.53	254.1	83.37	270.1	90.99	282.8	96.04
	33	141.3	40.45	178.5	54.05	218.4	71.45	235.2	79.26	254.1	88.69	270.1	96.25	282.8	101.6
	35	141.3	43.09	178.5	57.60	218.4	76.02	235.2	84.38	254.1	94.51	270.1	102.0	282.8	107.4
	37	141.3	45.92	178.5	61.38	218.4	80.95	235.2	89.92	254.1	100.5	270.1	108.2	282.4	113.7
	39	141.3	48.93	178.5	65.42	218.4	86.27	235.2	95.98	254.1	106.8	270.1	114.9	280.6	120.2
	41	141.3	52.16	178.5	69.76	218.4	92.06	235.2	102.7	254.1	113.7	260.6	117.4	260.5	117.3
	43	141.3	55.59	178.5	74.40	218.4	98.45	235.2	110.1	240.0	113.0	239.9	113.0	239.9	113.0
	46	141.3	61.21	178.5	82.12	210.8	103.9	210.9	103.8	210.7	103.8	210.7	103.8	210.6	103.8
	48	141.3	65.26	178.5	87.82	192.6	97.64	192.3	97.61	192.3	97.52	192.3	97.50	192.3	97.51
	50	141.3	69.61	175.2	91.65	175.0	91.59	174.8	91.49	174.9	91.59	174.9	91.57	174.7	91.55
	52	141.3	74.28	156.1	81.80	157.0	79.23	157.7	78.28	157.9	77.14	158.1	76.07	158.1	75.24
90	10	127.1	14.78	160.6	18.15	196.4	23.17	211.7	25.91	228.5	29.47	243.2	32.97	254.5	35.99
	12	127.1	15.99	160.6	19.71	196.4	25.47	211.7	28.53	228.5	32.49	243.2	36.34	254.5	39.57
	14	127.1	17.13	160.6	21.49	196.4	28.01	211.7	31.43	228.5	35.81	243.2	40.03	254.5	43.50
	16	127.1	18.43	160.6	23.47	196.4	30.84	211.7	34.63	228.5	39.46	243.2	44.06	254.5	47.79
	18	127.1	19.90	160.6	25.67	196.4	33.94	211.7	38.16	228.5	43.46	243.2	48.42	254.5	52.46
	20	127.1	21.55	160.6	28.11	196.4	37.37	211.7	42.00	228.5	47.83	243.2	53.20	254.5	57.57
	21	127.1	22.47	160.6	29.43	196.4	39.20	211.7	44.10	228.5	50.17	243.2	55.74	254.5	60.30
	23	127.1	24.42	160.6	32.28	196.4	43.14	211.7	48.51	228.5	55.19	243.2	61.16	254.5	65.64
	25	127.1	26.62	160.6	35.44	196.4	47.46	211.7	53.07	228.5	59.65	243.2	65.28	254.5	69.84
	27	127.1	29.08	160.6	38.90	196.4	50.98	211.7	56.63	228.5	63.42	243.2	69.29	254.5	74.08

39. ARUM840LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	127.1	31.68	160.6	41.61	196.4	54.28	211.7	60.29	228.5	67.40	243.2	73.59	254.5	78.66
	31	127.1	33.73	160.6	44.32	196.4	57.82	211.7	64.22	228.5	71.63	243.2	78.20	254.5	83.58
	33	127.1	35.89	160.6	47.21	196.4	61.59	211.7	68.39	228.5	76.19	243.2	83.15	254.5	88.91
	35	127.1	38.22	160.6	50.30	196.4	65.62	211.7	72.84	228.5	81.07	243.2	88.55	254.5	94.74
	37	127.1	40.71	160.6	53.59	196.4	69.96	211.7	77.55	228.5	86.37	243.2	94.43	254.5	100.7
	39	127.1	43.39	160.6	57.12	196.4	74.59	211.7	82.61	228.5	92.13	243.2	100.9	254.5	107.0
	41	127.1	46.26	160.6	60.89	196.4	79.62	211.7	88.12	228.5	98.46	243.2	107.7	254.5	114.0
	43	127.1	49.32	160.6	64.91	196.4	84.94	211.7	94.09	228.5	105.5	240.1	113.0	240.1	113.0
	46	127.1	54.29	160.6	71.49	196.4	93.75	211.0	103.9	211.0	103.9	210.8	103.9	210.9	103.9
	48	127.1	57.88	160.6	76.32	192.9	97.79	192.5	97.70	192.5	97.62	192.3	97.59	192.3	97.62
	50	127.1	61.72	160.6	81.51	175.0	91.63	175.0	91.61	174.8	91.51	174.8	91.49	175.0	91.62
	52	127.1	65.84	155.3	83.01	156.7	80.39	157.3	79.34	158.0	78.20	158.1	77.13	158.1	76.27
80	10	113.0	13.06	142.8	16.29	174.7	19.89	188.0	21.82	203.3	24.34	216.0	26.78	226.2	28.92
	12	113.0	14.79	142.8	17.54	174.7	21.74	188.0	23.95	203.3	26.77	216.0	29.52	226.2	31.89
	14	113.0	15.70	142.8	18.96	174.7	23.79	188.0	26.30	203.3	29.48	216.0	32.52	226.2	35.15
	16	113.0	16.75	142.8	20.57	174.7	26.09	188.0	28.91	203.3	32.48	216.0	35.85	226.2	38.74
	18	113.0	17.95	142.8	22.38	174.7	28.64	188.0	31.79	203.3	35.75	216.0	39.49	226.2	42.66
	20	113.0	19.31	142.8	24.39	174.7	31.45	188.0	34.98	203.3	39.36	216.0	43.50	226.2	46.97
	21	113.0	20.05	142.8	25.46	174.7	32.96	188.0	36.69	203.3	41.32	216.0	45.62	226.2	49.26
	23	113.0	21.69	142.8	27.83	174.7	36.21	188.0	40.37	203.3	45.48	216.0	50.20	226.2	54.20
	25	113.0	23.52	142.8	30.45	174.7	39.82	188.0	44.40	203.3	49.99	216.0	54.76	226.2	58.68
	27	113.0	25.58	142.8	33.36	174.7	43.42	188.0	47.99	203.3	53.44	216.0	58.40	226.2	62.47
	29	113.0	27.88	142.8	36.10	174.7	46.30	188.0	51.12	203.3	56.91	216.0	62.18	226.2	66.40
	31	113.0	29.82	142.8	38.43	174.7	49.33	188.0	54.46	203.3	60.61	216.0	66.20	226.2	70.56
	33	113.0	31.67	142.8	40.93	174.7	52.56	188.0	58.02	203.3	64.55	216.0	70.45	226.2	75.04
	35	113.0	33.70	142.8	43.61	174.7	56.01	188.0	61.81	203.3	68.81	216.0	74.96	226.2	79.87
	37	113.0	35.87	142.8	46.45	174.7	59.69	188.0	65.87	203.3	73.33	216.0	79.82	226.2	85.08
	39	113.0	38.23	142.8	49.51	174.7	63.60	188.0	70.23	203.3	78.19	216.0	85.06	226.2	90.71
	41	113.0	40.75	142.8	52.77	174.7	67.82	188.0	74.91	203.3	83.33	216.0	90.75	226.2	96.91
	43	113.0	43.45	142.8	56.26	174.7	72.32	188.0	79.96	203.3	88.92	216.0	96.98	226.2	103.8
	46	113.0	47.86	142.8	61.93	174.7	79.77	188.0	88.33	203.3	98.30	210.8	103.9	210.8	103.9
	48	113.0	51.06	142.8	66.04	174.7	85.28	188.0	94.42	192.5	97.59	192.5	97.64	192.5	97.64
	50	113.0	54.45	142.8	70.45	174.4	91.10	175.0	91.65	175.0	91.63	174.8	91.54	174.7	91.52
	52	113.0	58.06	142.8	75.18	156.0	81.76	156.6	80.67	157.3	79.52	157.7	78.43	157.9	77.60
70	10	99.00	10.82	124.9	14.55	152.9	17.28	164.5	18.61	177.8	20.32	189.0	21.98	197.8	23.41
	12	99.00	13.77	124.9	15.77	152.9	18.72	164.5	20.27	177.8	22.24	189.0	24.12	197.8	25.74
	14	99.00	14.48	124.9	16.88	152.9	20.34	164.5	22.11	177.8	24.35	189.0	26.48	197.8	28.33
	16	99.00	15.31	124.9	18.14	152.9	22.16	164.5	24.19	177.8	26.72	189.0	29.13	197.8	31.17
	18	99.00	16.26	124.9	19.57	152.9	24.17	164.5	26.47	177.8	29.34	189.0	32.04	197.8	34.31
	20	99.00	17.34	124.9	21.17	152.9	26.42	164.5	29.02	177.8	32.24	189.0	35.24	197.8	37.79
	21	99.00	17.95	124.9	22.05	152.9	27.64	164.5	30.40	177.8	33.80	189.0	36.98	197.8	39.62
	23	99.00	19.28	124.9	23.96	152.9	30.27	164.5	33.36	177.8	37.16	189.0	40.67	197.8	43.62
	25	99.00	20.76	124.9	26.10	152.9	33.21	164.5	36.64	177.8	40.86	189.0	44.74	197.8	47.97
	27	99.00	22.45	124.9	28.49	152.9	36.41	164.5	40.18	177.8	44.46	189.0	48.34	197.8	51.48
	29	99.00	24.37	124.9	31.06	152.9	39.14	164.5	42.91	177.8	47.40	189.0	51.50	197.8	54.83
	31	99.00	26.21	124.9	33.07	152.9	41.69	164.5	45.70	177.8	50.51	189.0	54.86	197.8	58.40
	33	99.00	27.80	124.9	35.18	152.9	44.40	164.5	48.69	177.8	53.82	189.0	58.43	197.8	62.21
	35	99.00	29.52	124.9	37.47	152.9	47.31	164.5	51.89	177.8	57.34	189.0	62.24	197.8	66.28
	37	99.00	31.42	124.9	39.92	152.9	50.41	164.5	55.28	177.8	61.10	189.0	66.34	197.8	70.64
	39	99.00	33.45	124.9	42.54	152.9	53.74	164.5	58.93	177.8	65.13	189.0	70.72	197.8	75.34
	41	99.00	35.64	124.9	45.35	152.9	57.28	164.5	62.82	177.8	69.44	189.0	75.46	197.8	80.43

39. ARUM840LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	99.00	38.00	124.9	48.35	152.9	61.04	164.5	66.96	177.8	74.07	189.0	80.55	197.8	85.76
	46	99.00	41.89	124.9	53.22	152.9	67.23	164.5	73.80	177.8	81.73	189.0	88.97	197.8	94.70
	48	99.00	44.70	124.9	56.75	152.9	71.71	164.5	78.78	177.8	87.40	189.0	95.10	192.6	97.73
	50	99.00	47.69	124.9	60.52	152.9	76.55	164.5	84.19	175.2	91.76	175.0	91.61	175.0	91.57
	52	99.00	50.88	124.9	64.53	152.9	81.78	155.6	82.49	156.3	81.24	157.0	80.16	157.2	79.31
60	10	84.70	8.81	107.1	12.04	130.9	15.17	141.1	16.13	152.3	17.25	162.1	18.31	169.7	19.24
	12	84.70	12.66	107.1	14.33	130.9	16.33	141.1	17.37	152.3	18.68	162.1	19.91	169.7	20.99
	14	84.70	13.22	107.1	15.15	130.9	17.55	141.1	18.76	152.3	20.28	162.1	21.72	169.7	22.93
	16	84.70	13.88	107.1	16.12	130.9	18.93	141.1	20.33	152.3	22.07	162.1	23.73	169.7	25.11
	18	84.70	14.66	107.1	17.20	130.9	20.48	141.1	22.08	152.3	24.08	162.1	25.97	169.7	27.54
	20	84.70	15.51	107.1	18.44	130.9	22.22	141.1	24.07	152.3	26.34	162.1	28.45	169.7	30.22
	21	84.70	16.00	107.1	19.12	130.9	23.16	141.1	25.13	152.3	27.54	162.1	29.79	169.7	31.67
	23	84.70	17.07	107.1	20.61	130.9	25.22	141.1	27.44	152.3	30.17	162.1	32.70	169.7	34.78
	25	84.70	18.27	107.1	22.30	130.9	27.53	141.1	30.02	152.3	33.08	162.1	35.87	169.7	38.20
	27	84.70	19.66	107.1	24.21	130.9	30.09	141.1	32.90	152.3	36.28	162.1	39.38	169.7	41.77
	29	84.70	21.20	107.1	26.34	130.9	32.73	141.1	35.63	152.3	39.02	162.1	42.10	169.7	44.60
	31	84.70	22.90	107.1	28.23	130.9	34.83	141.1	37.92	152.3	41.56	162.1	44.84	169.7	47.50
	33	84.70	24.24	107.1	29.98	130.9	37.09	141.1	40.37	152.3	44.27	162.1	47.76	169.7	50.61
	35	84.70	25.68	107.1	31.89	130.9	39.49	141.1	43.00	152.3	47.16	162.1	50.89	169.7	53.93
	37	84.70	27.29	107.1	33.94	130.9	42.07	141.1	45.83	152.3	50.25	162.1	54.23	169.7	57.46
	39	84.70	29.00	107.1	36.15	130.9	44.85	141.1	48.83	152.3	53.57	162.1	57.80	169.7	61.24
	41	84.70	30.91	107.1	38.53	130.9	47.82	141.1	52.07	152.3	57.10	162.1	61.61	169.7	65.28
	43	84.70	32.94	107.1	41.08	130.9	50.97	141.1	55.49	152.3	60.85	162.1	65.69	169.7	69.62
	46	84.70	36.32	107.1	45.27	130.9	56.11	141.1	61.08	152.3	67.00	162.1	72.34	169.7	76.74
	48	84.70	38.79	107.1	48.30	130.9	59.83	141.1	65.13	152.3	71.47	162.1	77.23	169.7	81.98
	50	84.70	41.40	107.1	51.52	130.9	63.80	141.1	69.47	152.3	76.29	162.1	82.52	169.7	87.69
	52	84.70	44.23	107.1	54.95	130.9	68.04	141.1	74.14	152.3	81.50	155.6	82.62	156.1	81.77
50	10	70.70	6.94	89.20	9.46	109.2	12.40	117.6	13.86	127.0	14.75	135.1	15.60	141.4	16.16
	12	70.70	10.46	89.20	13.05	109.2	14.49	117.6	15.15	127.0	15.96	135.1	16.74	141.4	17.40
	14	70.70	11.86	89.20	13.68	109.2	15.34	117.6	16.12	127.0	17.11	135.1	18.02	141.4	18.80
	16	70.70	12.38	89.20	14.38	109.2	16.32	117.6	17.26	127.0	18.41	135.1	19.48	141.4	20.37
	18	70.70	12.98	89.20	15.19	109.2	17.46	117.6	18.54	127.0	19.87	135.1	21.11	141.4	22.14
	20	70.70	13.65	89.20	16.12	109.2	18.73	117.6	20.00	127.0	21.53	135.1	22.93	141.4	24.13
	21	70.70	14.04	89.20	16.61	109.2	19.44	117.6	20.78	127.0	22.43	135.1	23.93	141.4	25.20
	23	70.70	14.88	89.20	17.75	109.2	21.00	117.6	22.53	127.0	24.38	135.1	26.10	141.4	27.53
	25	70.70	15.85	89.20	19.03	109.2	22.72	117.6	24.48	127.0	26.59	135.1	28.51	141.4	30.10
	27	70.70	16.92	89.20	20.50	109.2	24.70	117.6	26.65	127.0	29.04	135.1	31.19	141.4	32.97
	29	70.70	18.17	89.20	22.16	109.2	26.87	117.6	29.10	127.0	31.64	135.1	33.88	141.4	35.69
	31	70.70	19.56	89.20	23.93	109.2	28.78	117.6	31.03	127.0	33.69	135.1	36.07	141.4	37.99
	33	70.70	20.78	89.20	25.33	109.2	30.57	117.6	33.00	127.0	35.83	135.1	38.39	141.4	40.47
	35	70.70	21.97	89.20	26.85	109.2	32.51	117.6	35.11	127.0	38.16	135.1	40.89	141.4	43.12
	37	70.70	23.28	89.20	28.53	109.2	34.60	117.6	37.39	127.0	40.67	135.1	43.56	141.4	45.94
	39	70.70	24.73	89.20	30.37	109.2	36.88	117.6	39.84	127.0	43.33	135.1	46.43	141.4	48.97
	41	70.70	26.33	89.20	32.33	109.2	39.31	117.6	42.46	127.0	46.19	135.1	49.50	141.4	52.19
	43	70.70	28.08	89.20	34.49	109.2	41.92	117.6	45.27	127.0	49.26	135.1	52.77	141.4	55.62
	46	70.70	31.06	89.20	38.01	109.2	46.18	117.6	49.88	127.0	54.21	135.1	58.09	141.4	61.22
	48	70.70	33.20	89.20	40.58	109.2	49.25	117.6	53.18	127.0	57.81	135.1	61.94	141.4	65.29
	50	70.70	35.53	89.20	43.32	109.2	52.54	117.6	56.71	127.0	61.63	135.1	66.05	141.4	69.63
	52	70.70	38.02	89.20	46.27	109.2	56.04	117.6	60.47	127.0	65.74	135.1	70.45	141.4	74.32

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Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

39. ARUM840LTE6

39.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	50.00	3.90	80.20	6.22	113.8	8.90	121.8	9.57	129.8	10.28	138.2	11.03	147.0	11.94
	12	50.00	3.90	80.20	6.25	113.8	8.97	121.8	9.64	129.8	10.35	138.2	11.12	147.0	12.08
	14	50.00	3.92	80.20	6.28	113.8	9.08	121.8	9.77	129.8	10.51	138.2	11.30	147.0	12.32
	16	50.00	3.92	80.20	6.35	113.8	9.25	121.8	10.00	129.8	10.79	138.2	11.66	147.0	12.82
	18	50.00	3.95	80.20	6.49	113.8	9.65	121.8	10.51	129.8	11.42	138.2	12.44	147.0	13.92
	20	50.00	4.08	80.20	6.83	113.8	10.72	121.8	11.82	129.8	13.04	138.2	14.41	147.0	16.83
	21	56.70	5.01	86.50	8.49	119.7	14.37	127.7	15.35	135.5	16.45	143.5	17.43	151.8	18.92
	23	69.90	11.33	99.40	14.17	132.3	18.24	139.7	19.31	147.4	20.46	154.3	21.53	161.7	23.28
	25	83.60	14.13	112.4	17.67	145.2	22.96	152.2	24.26	159.6	25.68	165.2	26.84	171.6	28.89
	27	97.40	17.92	126.0	22.41	158.2	29.20	164.9	30.79	171.8	32.41	176.4	33.50	191.9	38.34
	29	111.7	23.07	139.6	28.47	171.8	36.21	178.1	37.87	184.8	39.69	195.9	42.90	227.0	54.21
	31	126.4	29.16	153.7	35.34	185.5	44.62	191.4	46.47	207.9	52.02	231.7	60.73	262.1	75.09
	33	141.5	36.66	168.2	43.92	199.5	54.96	219.8	62.82	244.6	73.49	267.4	83.80	297.1	100.2
	35	157.1	46.17	183.1	54.59	234.2	76.88	256.2	87.63	281.0	100.3	303.1	109.9	328.0	123.1
	37	157.1	49.24	183.1	58.22	234.2	81.90	256.2	93.47	281.0	106.5	303.1	116.6	309.5	121.9
	39	157.1	52.52	183.1	62.08	234.2	87.34	256.2	99.89	281.0	113.3	291.7	118.6	288.3	119.8
	41	157.1	56.01	183.1	66.20	234.2	93.25	256.2	107.0	269.9	114.5	269.9	114.6	266.6	115.4
	43	157.1	59.73	183.1	70.63	234.2	99.73	248.8	109.5	248.7	109.4	248.5	109.3	245.6	110.8
	46	157.1	65.78	183.1	77.87	218.5	99.84	218.5	99.82	218.4	99.83	218.3	99.69	215.8	101.0
	48	157.1	70.18	183.1	83.21	199.4	93.83	199.5	93.91	199.2	93.79	199.0	93.78	196.6	94.82
	50	157.1	74.90	181.6	87.98	181.1	87.86	181.3	87.93	181.1	87.81	181.0	87.80	178.6	88.74
	52	156.3	79.56	159.2	75.53	161.2	72.29	161.7	71.64	162.1	70.95	162.6	70.36	161.6	70.75
120	10	46.20	3.61	74.10	5.74	105.0	8.19	112.3	8.80	119.7	9.41	127.5	10.06	135.5	10.89
	12	46.20	3.61	74.10	5.76	105.0	8.24	112.3	8.85	119.7	9.47	127.5	10.16	135.5	11.00
	14	46.20	3.60	74.10	5.77	105.0	8.31	112.3	8.94	119.7	9.61	127.5	10.30	135.5	11.19
	16	46.20	3.63	74.10	5.83	105.0	8.46	112.3	9.14	119.7	9.81	127.5	10.57	135.5	11.57
	18	46.20	3.66	74.10	5.93	105.0	8.78	112.3	9.52	119.7	10.29	127.5	11.16	135.5	12.44
	20	46.20	3.73	74.10	6.20	105.0	9.60	112.3	10.55	119.7	11.55	127.5	12.69	135.5	14.78
	21	52.20	4.52	79.80	7.57	110.6	12.55	117.9	14.04	125.2	15.02	132.3	16.00	140.1	17.39
	23	64.50	10.81	91.70	13.35	122.2	16.89	129.1	17.78	136.1	18.78	142.4	19.69	149.1	21.21
	25	77.10	13.33	103.9	16.47	134.0	21.02	140.5	22.15	147.3	23.35	152.5	24.32	158.5	26.10
	27	89.90	16.74	116.2	20.64	146.0	26.48	152.3	27.82	158.6	29.30	162.8	30.28	177.1	34.52
	29	103.2	21.34	128.8	26.14	158.5	32.89	164.2	34.32	170.5	35.88	180.9	38.65	209.6	48.35
	31	116.6	26.89	141.8	32.25	171.2	40.27	176.7	41.89	191.9	46.66	213.8	54.10	241.9	66.67
	33	130.6	33.54	155.4	39.84	184.4	49.38	202.9	56.16	225.8	65.33	246.8	74.49	274.1	89.59
	35	144.9	41.95	169.0	49.24	216.3	68.55	236.6	78.03	259.4	89.21	279.7	99.69	305.9	113.1
	37	144.9	44.75	169.0	52.53	216.3	73.12	236.6	83.14	259.4	95.19	279.7	105.8	305.1	119.9
	39	144.9	47.72	169.0	56.02	216.3	78.03	236.6	88.67	259.4	101.8	279.7	112.6	288.3	119.5
	41	144.9	50.89	169.0	59.74	216.3	83.25	236.6	94.69	259.4	108.9	270.1	114.6	266.8	115.5
	43	144.9	54.27	169.0	63.69	216.3	88.84	236.6	101.3	248.7	109.5	248.5	109.3	245.6	110.7
	46	144.9	59.80	169.0	70.18	216.3	98.19	218.7	99.88	218.4	99.76	218.4	99.78	215.8	101.1
	48	144.9	63.77	169.0	74.89	199.4	93.84	199.4	93.82	199.4	93.87	199.3	93.78	196.7	94.89
	50	144.9	68.02	169.0	79.97	181.1	87.82	181.3	87.94	181.2	87.89	181.3	87.89	178.9	88.95
	52	144.9	72.59	158.5	76.92	160.4	73.62	160.9	72.98	161.2	72.28	161.5	71.81	161.4	72.50
110	10	42.40	3.28	67.90	5.26	96.20	7.48	102.9	8.02	109.8	8.58	116.9	9.17	124.3	9.88
	12	42.40	3.28	67.90	5.26	96.20	7.52	102.9	8.08	109.8	8.64	116.9	9.23	124.3	9.97
	14	42.40	3.30	67.90	5.29	96.20	7.59	102.9	8.14	109.8	8.74	116.9	9.34	124.3	10.12
	16	42.40	3.31	67.90	5.32	96.20	7.69	102.9	8.28	109.8	8.91	116.9	9.55	124.3	10.40
	18	42.40	3.33	67.90	5.41	96.20	7.93	102.9	8.59	109.8	9.26	116.9	9.98	124.3	11.05

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	42.40	3.39	67.90	5.61	96.20	8.56	102.9	9.36	109.8	10.22	116.9	11.16	124.3	12.82
	21	47.90	4.08	73.20	6.72	101.4	10.85	108.1	12.06	114.7	13.38	121.4	14.55	128.5	15.98
	23	59.20	10.33	84.00	12.56	112.0	15.63	118.3	16.38	124.7	17.21	130.6	17.98	136.8	19.30
	25	70.70	12.56	95.20	15.33	122.8	19.22	128.8	20.17	135.0	21.18	139.7	22.02	145.3	23.52
	27	82.50	15.59	106.5	18.99	134.0	23.96	139.6	25.10	145.5	26.33	149.4	27.18	162.4	30.93
	29	94.50	19.69	118.0	23.87	145.3	29.78	150.6	30.99	156.2	32.32	165.9	34.69	192.1	42.94
	31	107.1	24.72	130.2	29.35	156.9	36.24	162.0	37.61	176.0	41.67	196.0	48.00	221.8	58.62
	33	119.7	30.59	142.4	36.00	169.0	44.19	185.9	49.93	206.9	57.72	226.4	65.56	251.3	78.63
	35	132.9	37.99	155.0	44.25	198.1	60.70	216.9	68.91	237.7	78.58	256.5	87.68	281.0	102.4
	37	132.9	40.50	155.0	47.18	198.1	64.73	216.9	73.50	237.7	83.74	256.5	93.52	281.0	108.8
	39	132.9	43.21	155.0	50.32	198.1	69.03	216.9	78.43	237.7	89.31	256.5	99.94	281.0	115.6
	41	132.9	46.09	155.0	53.67	198.1	73.64	216.9	83.66	237.7	95.38	256.5	107.0	266.9	115.5
	43	132.9	49.15	155.0	57.25	198.1	78.63	216.9	89.28	237.7	102.1	248.8	109.5	245.8	110.9
	46	132.9	54.15	155.0	63.04	198.1	86.87	216.9	98.70	218.7	99.90	218.5	99.76	215.6	101.0
	48	132.9	57.76	155.0	67.25	198.1	92.94	199.4	93.80	199.4	93.89	199.4	93.86	196.8	94.90
	50	132.9	61.60	155.0	71.72	181.4	87.92	181.2	87.82	181.3	87.98	181.1	87.83	178.9	88.91
	52	132.9	65.72	155.0	76.54	159.5	75.23	159.8	74.60	160.3	73.93	160.3	73.17	160.8	73.33
100	10	38.50	2.99	61.70	4.77	87.50	6.78	93.50	7.29	99.80	7.78	106.3	8.31	113.0	8.94
	12	38.50	2.99	61.70	4.77	87.50	6.81	93.50	7.32	99.80	7.81	106.3	8.34	113.0	9.00
	14	38.50	2.99	61.70	4.79	87.50	6.87	93.50	7.36	99.80	7.88	106.3	8.42	113.0	9.10
	16	38.50	3.01	61.70	4.83	87.50	6.94	93.50	7.46	99.80	8.01	106.3	8.58	113.0	9.31
	18	38.50	3.02	61.70	4.89	87.50	7.13	93.50	7.70	99.80	8.28	106.3	8.92	113.0	9.78
	20	38.50	3.07	61.70	5.05	87.50	7.59	93.50	8.27	99.80	8.98	106.3	9.76	113.0	11.09
	21	43.50	3.64	66.60	5.92	92.20	9.34	98.30	10.32	104.3	11.37	110.3	12.51	116.8	14.45
	23	53.80	9.81	76.40	11.78	101.8	14.45	107.5	15.10	113.4	15.78	118.6	16.44	124.3	17.53
	25	64.30	11.82	86.50	14.23	111.7	17.56	117.2	18.35	122.8	19.21	127.1	19.89	132.0	21.18
	27	74.90	14.50	96.90	17.46	121.8	21.64	127.0	22.60	132.3	23.64	135.8	24.33	147.6	27.46
	29	86.10	18.11	107.5	21.70	132.0	26.83	136.9	27.88	142.1	29.03	150.8	31.02	174.7	37.96
	31	97.30	22.66	118.3	26.60	142.8	32.47	147.2	33.61	160.0	37.06	178.2	42.37	201.6	51.25
	33	108.8	27.80	129.4	32.40	153.7	39.33	169.0	44.19	188.2	50.73	205.8	57.27	228.5	68.49
	35	120.8	34.25	140.7	39.57	180.2	53.46	197.1	60.31	216.3	68.58	233.1	76.40	255.4	89.68
	37	120.8	36.51	140.7	42.19	180.2	56.99	197.1	64.31	216.3	73.14	233.1	81.38	255.4	95.71
	39	120.8	38.94	140.7	44.99	180.2	60.79	197.1	68.58	216.3	78.06	233.1	86.77	255.4	102.3
	41	120.8	41.54	140.7	47.99	180.2	64.81	197.1	73.18	216.3	83.27	233.1	92.64	255.4	109.3
	43	120.8	44.32	140.7	51.22	180.2	69.14	197.1	78.11	216.3	88.88	233.1	99.06	246.0	110.8
	46	120.8	48.83	140.7	56.39	180.2	76.22	197.1	86.28	216.3	98.22	218.5	99.80	215.8	101.0
	48	120.8	52.11	140.7	60.16	180.2	81.42	197.1	92.34	199.4	93.86	199.5	93.90	196.6	94.84
	50	120.8	55.58	140.7	64.15	180.2	87.04	181.4	87.93	181.3	87.90	181.4	87.98	178.6	88.83
	52	120.8	59.29	140.7	68.42	158.3	76.96	159.0	75.98	159.7	74.90	160.3	73.94	160.2	74.10
90	10	34.70	2.70	55.60	4.29	78.70	6.09	84.30	6.55	89.90	6.98	95.60	7.43	101.8	8.01
	12	34.70	2.70	55.60	4.31	78.70	6.12	84.30	6.55	89.90	7.00	95.60	7.48	101.8	8.05
	14	34.70	2.70	55.60	4.31	78.70	6.16	84.30	6.61	89.90	7.07	95.60	7.53	101.8	8.12
	16	34.70	2.70	55.60	4.34	78.70	6.22	84.30	6.68	89.90	7.14	95.60	7.65	101.8	8.28
	18	34.70	2.72	55.60	4.37	78.70	6.35	84.30	6.84	89.90	7.34	95.60	7.89	101.8	8.62
	20	34.70	2.75	55.60	4.48	78.70	6.66	84.30	7.25	89.90	7.84	95.60	8.50	101.8	9.56
	21	39.20	3.23	59.90	5.17	83.00	7.99	88.40	8.75	93.80	9.60	99.30	10.49	105.0	12.54
	23	48.30	9.33	68.90	11.04	91.70	13.33	96.80	13.88	102.1	14.48	106.7	15.01	111.9	15.93
	25	57.80	11.10	77.70	13.18	100.4	16.01	105.4	16.69	110.5	17.38	114.4	17.96	118.9	19.02
	27	67.60	13.46	87.10	15.98	109.6	19.50	114.2	20.31	119.0	21.15	122.2	21.73	132.9	24.33
	29	77.30	16.60	96.60	19.65	118.9	24.04	123.2	24.97	127.7	25.92	135.5	27.59	157.1	33.39
	31	87.50	20.69	106.4	24.06	128.5	28.96	132.5	29.92	143.9	32.77	160.4	37.18	181.4	44.53

39. ARUM840LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	98.00	25.20	116.5	29.03	138.2	34.84	152.2	38.90	169.4	44.29	185.2	49.67	205.8	58.87
	35	108.8	30.75	126.7	35.20	162.1	46.77	177.5	52.42	194.6	59.21	209.8	65.70	229.9	77.02
	37	108.8	32.75	126.7	37.52	162.1	49.87	177.5	55.91	194.6	63.14	209.8	70.09	229.9	82.06
	39	108.8	34.91	126.7	40.03	162.1	53.19	177.5	59.62	194.6	67.35	209.8	74.78	229.9	87.50
	41	108.8	37.26	126.7	42.70	162.1	56.72	177.5	63.58	194.6	71.85	209.8	79.82	229.9	93.43
	43	108.8	39.75	126.7	45.55	162.1	60.50	177.5	67.81	194.6	76.68	209.8	85.28	229.9	99.93
	46	108.8	43.84	126.7	50.21	162.1	66.62	177.5	74.75	194.6	84.68	209.8	94.11	215.9	101.1
	48	108.8	46.80	126.7	53.56	162.1	71.09	177.5	79.82	194.6	90.59	199.4	93.82	197.0	95.02
	50	108.8	49.93	126.7	57.12	162.1	75.86	177.5	85.32	181.3	87.96	181.3	87.86	178.9	88.97
	52	108.8	53.28	126.7	60.93	157.8	77.96	158.4	76.96	159.2	75.87	159.7	74.89	159.7	75.06
80	10	30.80	2.39	49.40	3.80	70.00	5.41	74.90	5.80	79.80	6.19	85.00	6.61	90.30	7.09
	12	30.80	2.39	49.40	3.82	70.00	5.41	74.90	5.81	79.80	6.22	85.00	6.61	90.30	7.13
	14	30.80	2.40	49.40	3.82	70.00	5.45	74.90	5.83	79.80	6.25	85.00	6.67	90.30	7.17
	16	30.80	2.40	49.40	3.82	70.00	5.50	74.90	5.90	79.80	6.31	85.00	6.74	90.30	7.27
	18	30.80	2.40	49.40	3.86	70.00	5.57	74.90	6.00	79.80	6.45	85.00	6.91	90.30	7.50
	20	30.80	2.42	49.40	3.95	70.00	5.81	74.90	6.30	79.80	6.79	85.00	7.32	90.30	8.15
	21	34.90	2.82	53.20	4.48	73.80	6.78	78.50	7.40	83.40	8.06	88.20	8.74	93.40	10.26
	23	43.00	8.70	61.20	10.33	81.50	12.29	86.10	12.75	90.70	13.23	94.90	13.68	99.40	14.46
	25	51.40	10.39	69.30	12.18	89.30	14.58	93.70	15.14	98.10	15.72	101.6	16.18	105.7	17.07
	27	59.90	12.44	77.40	14.59	97.40	17.53	101.5	18.18	105.8	18.88	108.6	19.35	118.0	21.45
	29	68.70	15.15	85.90	17.72	105.7	21.35	109.6	22.12	113.7	22.93	120.5	24.39	139.7	29.19
	31	77.70	18.70	94.50	21.65	114.1	25.72	117.6	26.50	128.1	28.84	142.6	32.44	161.3	38.39
	33	87.10	22.71	103.5	25.91	122.9	30.69	135.2	34.00	150.5	38.41	164.5	42.76	182.7	50.20
	35	96.60	27.49	112.7	31.14	144.1	40.64	157.8	45.24	172.9	50.73	186.5	55.95	204.3	65.18
	37	96.60	29.24	112.7	33.17	144.1	43.32	157.8	48.25	172.9	54.09	186.5	59.64	204.3	69.49
	39	96.60	31.17	112.7	35.39	144.1	46.22	157.8	51.45	172.9	57.68	186.5	63.62	204.3	74.15
	41	96.60	33.24	112.7	37.75	144.1	49.29	157.8	54.87	172.9	61.52	186.5	67.86	204.3	79.15
	43	96.60	35.47	112.7	40.29	144.1	52.58	157.8	58.52	172.9	65.61	186.5	72.39	204.3	84.55
	46	96.60	39.13	112.7	44.42	144.1	57.91	157.8	64.44	172.9	72.30	186.5	79.85	204.3	93.35
	48	96.60	41.77	112.7	47.41	144.1	61.76	157.8	68.74	172.9	77.17	186.5	85.36	197.2	95.07
	50	96.60	44.61	112.7	50.60	144.1	65.86	157.8	73.35	172.9	82.44	181.3	87.91	179.0	88.94
	52	96.60	47.64	112.7	53.98	144.1	70.26	156.9	77.73	158.5	77.16	158.9	76.10	159.1	76.30
70	10	26.90	2.09	43.10	3.34	61.30	4.73	65.50	5.06	69.90	5.41	74.50	5.76	79.10	6.19
	12	26.90	2.09	43.10	3.34	61.30	4.73	65.50	5.08	69.90	5.41	74.50	5.78	79.10	6.20
	14	26.90	2.09	43.10	3.34	61.30	4.77	65.50	5.09	69.90	5.44	74.50	5.80	79.10	6.25
	16	26.90	2.09	43.10	3.34	61.30	4.79	65.50	5.12	69.90	5.48	74.50	5.86	79.10	6.31
	18	26.90	2.11	43.10	3.37	61.30	4.86	65.50	5.21	69.90	5.57	74.50	5.96	79.10	6.47
	20	26.90	2.11	43.10	3.43	61.30	5.00	65.50	5.38	69.90	5.80	74.50	6.24	79.10	6.89
	21	30.50	2.45	46.60	3.85	64.50	5.68	68.70	6.18	73.10	6.68	77.30	7.21	81.70	8.29
	23	37.80	7.41	53.50	9.52	71.40	11.29	75.20	11.68	79.40	12.08	83.00	12.45	87.10	13.10
	25	44.90	9.72	60.50	11.20	78.10	13.20	81.90	13.68	85.90	14.14	88.90	14.52	92.40	15.27
	27	52.50	11.46	67.80	13.26	85.30	15.69	88.80	16.24	92.40	16.79	95.10	17.17	103.3	18.88
	29	60.20	13.75	75.20	15.89	92.40	18.88	95.90	19.50	99.40	20.17	105.4	21.31	122.2	25.32
	31	68.20	16.77	82.70	19.31	99.80	22.72	102.9	23.36	112.0	25.23	124.9	28.10	141.1	32.86
	33	76.20	20.26	90.60	23.00	107.5	26.86	118.3	29.52	131.7	33.03	143.9	36.49	160.0	42.38
	35	84.60	24.42	98.70	27.39	126.0	35.00	138.0	38.67	151.2	43.04	163.2	47.16	178.9	54.41
	37	84.60	25.94	98.70	29.14	126.0	37.32	138.0	41.24	151.2	45.89	163.2	50.29	178.9	58.02
	39	84.60	27.62	98.70	31.07	126.0	39.81	138.0	43.99	151.2	48.95	163.2	53.62	178.9	61.86
	41	84.60	29.46	98.70	33.14	126.0	42.48	138.0	46.92	151.2	52.21	163.2	57.18	178.9	65.98
	43	84.60	31.44	98.70	35.36	126.0	45.31	138.0	50.05	151.2	55.68	163.2	60.99	178.9	70.39
	46	84.60	34.69	98.70	39.03	126.0	49.93	138.0	55.15	151.2	61.32	163.2	67.17	178.9	77.63

39. ARUM840LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	84.60	37.07	98.70	41.67	126.0	53.27	138.0	58.80	151.2	65.40	163.2	71.67	178.9	82.96
	50	84.60	39.61	98.70	44.50	126.0	56.83	138.0	62.72	151.2	69.76	163.2	76.50	178.5	88.56
	52	84.60	42.34	98.70	47.52	126.0	60.60	138.0	66.89	151.2	74.44	158.2	77.82	158.0	78.00
60	10	23.10	1.80	37.10	2.86	52.50	4.06	56.10	4.35	59.90	4.64	63.70	4.93	67.80	5.29
	12	23.10	1.80	37.10	2.86	52.50	4.06	56.10	4.35	59.90	4.64	63.70	4.93	67.80	5.31
	14	23.10	1.79	37.10	2.86	52.50	4.06	56.10	4.35	59.90	4.64	63.70	4.96	67.80	5.31
	16	23.10	1.79	37.10	2.86	52.50	4.09	56.10	4.38	59.90	4.67	63.70	4.98	67.80	5.37
	18	23.10	1.79	37.10	2.89	52.50	4.11	56.10	4.43	59.90	4.73	63.70	5.05	67.80	5.47
	20	23.10	1.81	37.10	2.91	52.50	4.21	56.10	4.54	59.90	4.87	63.70	5.23	67.80	5.72
	21	26.20	2.07	39.90	3.23	55.30	4.70	58.80	5.07	62.60	5.47	66.20	5.89	70.00	6.62
	23	32.20	5.23	45.80	7.84	61.10	10.33	64.50	10.65	68.00	10.97	71.10	11.27	74.60	11.81
	25	38.90	9.11	51.90	10.30	67.00	11.94	70.30	12.30	73.50	12.68	76.30	12.98	79.20	13.59
	27	45.10	10.53	58.10	11.98	73.10	13.98	76.20	14.40	79.40	14.85	81.50	15.15	88.60	16.53
	29	51.50	12.44	64.40	14.17	79.20	16.59	82.20	17.08	85.10	17.59	90.30	18.53	104.7	21.65
	31	58.40	14.93	71.00	16.99	85.70	19.86	88.20	20.40	95.90	21.93	107.1	24.16	121.0	27.87
	33	65.30	17.91	77.70	20.14	92.10	23.35	101.4	25.43	113.0	28.15	123.5	30.84	137.1	35.39
	35	72.50	21.38	84.40	23.88	108.1	29.89	118.3	32.72	129.8	36.10	139.9	39.26	153.3	44.84
	37	72.50	22.68	84.40	25.39	108.1	31.83	118.3	34.89	129.8	38.49	139.9	41.86	153.3	47.81
	39	72.50	24.09	84.40	27.01	108.1	33.93	118.3	37.20	129.8	41.06	139.9	44.66	153.3	51.00
	41	72.50	25.66	84.40	28.82	108.1	36.22	118.3	39.70	129.8	43.81	139.9	47.64	153.3	54.39
	43	72.50	27.38	84.40	30.76	108.1	38.64	118.3	42.37	129.8	46.72	139.9	50.81	153.3	58.01
	46	72.50	30.30	84.40	33.97	108.1	42.63	118.3	46.71	129.8	51.49	139.9	55.97	153.3	63.86
	48	72.50	32.49	84.40	36.31	108.1	45.49	118.3	49.84	129.8	54.91	139.9	59.68	153.3	68.13
	50	72.50	34.80	84.40	38.82	108.1	48.56	118.3	53.17	129.8	58.58	139.9	63.66	153.3	72.71
	52	72.50	37.25	84.40	41.49	108.1	51.84	118.3	56.71	129.8	62.46	139.9	67.89	153.3	77.62
50	10	19.30	1.59	30.90	2.38	43.70	3.38	46.80	3.61	50.00	3.86	53.20	4.09	56.50	4.41
	12	19.30	1.59	30.90	2.38	43.70	3.38	46.80	3.61	50.00	3.86	53.20	4.11	56.50	4.41
	14	19.30	1.59	30.90	2.38	43.70	3.38	46.80	3.63	50.00	3.86	53.20	4.11	56.50	4.42
	16	19.30	1.59	30.90	2.37	43.70	3.40	46.80	3.63	50.00	3.88	53.20	4.15	56.50	4.44
	18	19.30	1.59	30.90	2.40	43.70	3.41	46.80	3.66	50.00	3.91	53.20	4.18	56.50	4.51
	20	19.30	1.61	30.90	2.40	43.70	3.46	46.80	3.72	50.00	3.98	53.20	4.27	56.50	4.64
	21	21.70	1.71	33.20	2.65	46.20	3.79	49.10	4.08	52.10	4.37	55.20	4.68	58.40	5.20
	23	26.90	3.61	38.20	5.35	50.80	9.13	53.80	9.56	56.70	9.94	59.20	10.17	62.20	10.59
	25	35.90	8.96	43.30	9.43	55.90	10.72	58.50	11.01	61.30	11.30	63.60	11.55	66.10	12.01
	27	37.60	9.65	48.30	10.78	60.90	12.34	63.40	12.69	66.10	13.04	67.90	13.27	73.90	14.34
	29	43.00	11.15	53.60	12.53	66.10	14.43	68.50	14.82	71.00	15.21	75.30	15.92	87.20	18.34
	31	48.70	13.16	59.20	14.79	71.40	17.06	73.50	17.50	79.80	18.75	89.20	20.57	100.8	23.42
	33	54.40	15.65	64.70	17.43	76.70	19.97	84.40	21.64	94.10	23.78	102.9	25.77	114.2	29.16
	35	60.50	18.46	70.40	20.43	90.00	25.24	98.70	27.39	108.1	29.89	116.6	32.24	127.7	36.36
	37	60.50	19.50	70.40	21.65	90.00	26.86	98.70	29.14	108.1	31.84	116.6	34.36	127.7	38.78
	39	60.50	20.66	70.40	23.00	90.00	28.61	98.70	31.07	108.1	33.96	116.6	36.63	127.7	41.36
	41	60.50	21.93	70.40	24.48	90.00	30.50	98.70	33.14	108.1	36.22	116.6	39.08	127.7	44.11
	43	60.50	23.35	70.40	26.11	90.00	32.55	98.70	35.37	108.1	38.66	116.6	41.71	127.7	47.05
	46	60.50	25.74	70.40	28.85	90.00	35.92	98.70	39.03	108.1	42.63	116.6	45.99	127.7	51.85
	48	60.50	27.53	70.40	30.92	90.00	38.39	98.70	41.67	108.1	45.51	116.6	49.07	127.7	55.30
	50	60.50	29.47	70.40	33.16	90.00	41.03	98.70	44.51	108.1	48.58	116.6	52.35	127.7	58.99
	52	60.50	31.60	70.40	35.64	90.00	43.83	98.70	47.53	108.1	51.84	116.6	55.87	127.7	62.92

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

39. ARUM840LTE6

39.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	151.7	74.97	150.6	75.61	149.2	76.25	148.8	76.55	148.2	76.87	147.1	77.50
	-24.8	-25	176.8	78.77	175.4	79.48	174.0	80.19	173.5	80.54	172.9	80.90	171.5	81.58
	-21.8	-22	192.3	80.94	190.9	81.72	189.7	82.46	189.0	82.83	188.3	83.20	186.9	83.92
	-19.8	-20	203.4	82.42	202.0	83.20	200.5	83.98	199.7	84.37	199.1	84.76	197.7	85.51
	-18.8	-19	209.1	83.15	207.4	83.96	206.0	84.75	205.2	85.14	204.5	85.53	203.1	86.30
	-16.7	-17	220.6	84.64	219.2	85.46	217.7	86.29	216.7	86.70	216.1	87.09	214.6	87.89
	-15	-15.9	227.8	85.50	226.1	86.35	224.6	87.18	223.8	87.60	222.8	88.00	221.4	88.80
	-13.7	-15	234.2	86.27	232.7	87.15	231.0	88.01	230.3	88.44	229.5	88.86	228.1	89.68
	-11.8	-13	246.1	87.69	244.3	88.58	242.8	89.46	241.8	89.89	241.0	90.31	239.3	91.16
	-9.8	-11	259.4	89.22	257.5	90.13	255.7	91.03	255.0	91.48	254.0	91.91	252.2	92.76
	-9.5	-10	265.8	89.92	264.0	90.86	262.2	91.76	261.2	92.22	260.3	92.68	258.3	93.53
	-8.5	-9.1	272.2	90.63	270.1	91.57	268.3	92.49	267.3	92.95	266.5	93.40	264.7	94.29
	-7	-7.6	282.9	91.80	280.9	92.77	279.0	93.72	278.0	94.18	276.9	94.64	275.1	95.53
	-5	-5.6	298.0	93.38	295.8	94.38	293.7	95.35	292.7	95.82	291.6	96.31	289.5	97.23
	-3	-3.7	312.7	94.92	310.5	95.95	308.4	96.94	307.3	97.43	306.2	97.93	298.2	95.88
	0	-0.7	337.1	97.41	334.8	98.44	332.3	99.45	327.0	98.02	321.8	96.58	301.0	89.38
	3	2.2	361.7	99.80	356.4	99.71	344.0	96.30	333.2	92.81	322.4	89.34	301.0	82.56
	5	4.1	376.4	100.6	365.4	98.06	344.0	91.35	333.2	88.07	322.4	84.81	301.0	78.41
	7	6	385.8	98.91	365.4	92.93	344.0	86.61	333.2	83.50	322.4	80.40	301.0	74.37
	9	7.9	387.0	93.90	365.4	87.83	344.0	81.89	333.2	78.97	322.4	76.09	301.0	70.41
	11	9.8	387.0	88.64	365.4	82.95	344.0	77.38	333.2	74.64	322.4	71.96	301.0	66.64
	13	11.8	387.0	83.34	365.4	78.04	344.0	72.88	333.2	70.31	322.4	67.81	301.0	62.85
	15	13.7	387.0	78.54	365.4	73.62	344.0	68.77	333.2	66.39	322.4	64.04	301.0	59.40
120	-30	-30.2	151.0	75.30	149.8	75.94	148.8	76.56	148.2	76.88	147.7	77.19	146.7	77.81
	-24.8	-25	175.8	79.21	174.6	79.92	173.3	80.63	172.8	80.98	172.1	81.31	170.8	81.99
	-21.8	-22	191.5	81.49	190.1	82.23	188.6	82.97	188.0	83.33	187.3	83.69	186.1	84.40
	-19.8	-20	202.2	83.00	200.8	83.78	199.5	84.54	198.7	84.93	198.0	85.28	196.6	86.03
	-18.8	-19	208.0	83.76	206.4	84.55	204.9	85.33	204.1	85.72	203.5	86.10	202.0	86.85
	-16.7	-17	219.5	85.30	218.0	86.12	216.3	86.93	215.6	87.32	214.9	87.71	213.4	88.49
	-15	-15.9	226.3	86.20	224.9	87.03	223.2	87.86	222.4	88.26	221.7	88.66	220.3	89.46
	-13.7	-15	232.8	87.03	231.3	87.89	229.9	88.73	229.1	89.16	228.2	89.55	226.7	90.37
	-11.8	-13	244.6	88.49	242.9	89.38	241.1	90.23	240.4	90.65	239.6	91.07	237.8	91.89
	-9.8	-11	257.8	90.09	255.7	90.99	254.0	91.87	253.2	92.29	252.2	92.72	250.7	93.57
	-9.5	-10	264.0	90.83	262.2	91.75	260.3	92.64	259.3	93.09	258.5	93.52	256.8	94.37
	-8.5	-9.1	270.3	91.59	268.3	92.50	266.4	93.40	265.4	93.85	264.6	94.29	262.9	95.16
	-7	-7.6	280.8	92.81	279.0	93.75	276.9	94.68	275.9	95.13	275.1	95.59	270.8	95.28
	-5	-5.6	295.5	94.48	293.3	95.47	291.4	96.42	290.4	96.87	288.6	96.90	277.8	93.33
	-3	-3.7	310.1	96.12	308.0	97.11	305.8	98.09	301.4	96.85	296.6	95.40	277.8	88.58
	0	-0.7	334.0	98.75	329.2	98.55	317.5	95.11	307.6	91.67	297.6	88.27	277.8	81.58
	3	2.2	352.4	98.65	337.4	94.16	317.5	87.78	307.6	84.63	297.6	81.52	277.8	75.43
	5	4.1	357.0	95.46	337.4	89.32	317.5	83.33	307.6	80.37	297.6	77.45	277.8	71.71
	7	6	357.0	90.49	337.4	84.69	317.5	79.00	307.6	76.22	297.6	73.46	277.8	68.03
	9	7.9	357.0	85.53	337.4	80.09	317.5	74.77	307.6	72.15	297.6	69.56	277.8	64.46
	11	9.8	357.0	80.79	337.4	75.71	317.5	70.71	307.6	68.25	297.6	65.84	277.8	61.05
	13	11.8	357.0	76.04	337.4	71.31	317.5	66.65	307.6	64.36	297.6	62.10	277.8	57.63

39. ARUM840LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	357.0	71.73	337.4	67.31	317.5	62.96	307.6	60.83	297.6	58.69	277.8	54.53
110	-30	-30.2	150.2	75.71	149.2	76.35	148.1	76.95	147.7	77.28	147.1	77.57	146.0	78.17
	-24.8	-25	175.0	79.75	173.6	80.44	172.5	81.14	171.8	81.47	171.1	81.81	170.0	82.46
	-21.8	-22	190.3	82.09	189.0	82.83	187.6	83.56	186.9	83.92	186.2	84.27	185.1	84.98
	-19.8	-20	201.1	83.67	199.7	84.44	198.3	85.19	197.6	85.55	196.9	85.94	195.4	86.64
	-18.8	-19	206.6	84.46	205.1	85.24	203.7	86.00	202.9	86.38	202.3	86.76	200.9	87.49
	-16.7	-17	218.0	86.07	216.5	86.88	214.9	87.67	214.2	88.06	213.4	88.44	212.0	89.19
	-15	-15.9	224.8	87.01	223.4	87.83	221.7	88.64	220.9	89.03	220.2	89.42	218.7	90.20
	-13.7	-15	231.3	87.90	229.8	88.73	228.3	89.57	227.4	89.97	226.6	90.36	225.2	91.16
	-11.8	-13	242.7	89.42	241.0	90.29	239.5	91.11	238.5	91.53	237.8	91.93	236.1	92.74
	-9.8	-11	255.7	91.09	253.8	91.98	252.1	92.85	251.3	93.25	250.3	93.67	247.3	93.77
	-9.5	-10	261.8	91.89	260.0	92.78	258.2	93.65	257.4	94.08	256.4	94.51	250.7	93.12
	-8.5	-9.1	267.9	92.68	266.0	93.57	264.3	94.45	263.3	94.89	262.5	95.31	254.1	92.53
	-7	-7.6	278.5	93.99	276.5	94.89	274.6	95.80	273.0	95.92	268.6	94.48	254.7	89.15
	-5	-5.6	292.8	95.76	290.8	96.71	285.3	95.84	280.8	94.48	273.0	91.42	254.7	84.49
	-3	-3.7	307.2	97.50	302.3	97.06	290.9	93.44	282.0	90.09	273.0	86.76	254.7	80.24
	0	-0.7	324.4	97.21	309.1	92.25	290.9	86.03	282.0	82.98	273.0	79.94	254.7	74.00
	3	2.2	327.4	90.95	309.1	85.14	290.9	79.49	282.0	76.69	273.0	73.93	254.7	68.51
	5	4.1	327.4	86.30	309.1	80.86	290.9	75.51	282.0	72.89	273.0	70.30	254.7	65.17
	7	6	327.4	81.84	309.1	76.69	290.9	71.64	282.0	69.14	273.0	66.68	254.7	61.86
	9	7.9	327.4	77.43	309.1	72.59	290.9	67.85	282.0	65.52	273.0	63.22	254.7	58.66
	11	9.8	327.4	73.21	309.1	68.68	290.9	64.23	282.0	62.04	273.0	59.88	254.7	55.62
	13	11.8	327.4	68.95	309.1	64.73	290.9	60.59	282.0	58.54	273.0	56.53	254.7	52.54
	15	13.7	327.4	65.12	309.1	61.18	290.9	57.31	282.0	55.38	273.0	53.48	254.7	49.76
100	-30	-30.2	149.4	76.19	148.4	76.80	147.3	77.43	146.7	77.72	146.3	78.02	145.2	78.62
	-24.8	-25	173.9	80.37	172.5	81.05	171.4	81.73	170.7	82.05	170.2	82.40	169.0	83.04
	-21.8	-22	189.0	82.81	187.6	83.55	186.4	84.25	185.7	84.59	185.1	84.94	183.9	85.64
	-19.8	-20	199.7	84.46	198.2	85.22	196.8	85.94	196.2	86.31	195.4	86.67	194.1	87.38
	-18.8	-19	205.0	85.30	203.7	86.05	202.2	86.80	201.5	87.18	200.8	87.54	199.4	88.25
	-16.7	-17	216.3	86.99	214.8	87.76	213.4	88.54	212.6	88.93	211.9	89.28	210.5	90.02
	-15	-15.9	223.0	87.98	221.5	88.78	219.9	89.55	219.1	89.94	218.4	90.33	217.0	91.07
	-13.7	-15	229.4	88.90	228.0	89.74	226.6	90.54	225.8	90.93	225.1	91.34	223.6	92.05
	-11.8	-13	240.6	90.51	239.0	91.35	237.3	92.16	236.6	92.56	235.7	92.95	229.4	90.90
	-9.8	-11	253.2	92.29	251.6	93.14	249.9	93.98	248.2	94.02	244.3	92.61	231.4	87.38
	-9.5	-10	259.3	93.13	257.4	93.98	255.6	94.79	251.6	93.38	247.7	92.02	231.4	85.27
	-8.5	-9.1	265.2	93.96	263.5	94.84	259.0	94.15	254.8	92.79	248.1	90.04	231.4	83.27
	-7	-7.6	275.5	95.35	272.6	95.75	264.6	93.15	256.2	89.81	248.1	86.53	231.4	80.05
	-5	-5.6	288.8	96.80	280.4	94.33	264.6	88.24	256.2	85.12	248.1	82.02	231.4	75.92
	-3	-3.7	296.6	95.41	281.0	89.79	264.6	83.78	256.2	80.82	248.1	77.89	231.4	72.16
	0	-0.7	297.6	88.27	281.0	82.69	264.6	77.23	256.2	74.53	248.1	71.88	231.4	66.63
	3	2.2	297.6	81.53	281.0	76.44	264.6	71.45	256.2	69.01	248.1	66.55	231.4	61.76
	5	4.1	297.6	77.45	281.0	72.66	264.6	67.95	256.2	65.63	248.1	63.33	231.4	58.80
	7	6	297.6	73.46	281.0	68.92	264.6	64.48	256.2	62.29	248.1	60.13	231.4	55.85
	9	7.9	297.6	69.56	281.0	65.31	264.6	61.14	256.2	59.08	248.1	57.03	231.4	53.01
	11	9.8	297.6	65.84	281.0	61.86	264.6	57.94	256.2	56.01	248.1	54.09	231.4	50.31
	13	11.8	297.6	62.10	281.0	58.37	264.6	54.71	256.2	52.90	248.1	51.11	231.4	47.59
	15	13.7	297.6	58.71	281.0	55.20	264.6	51.78	256.2	50.09	248.1	48.42	231.4	45.11

39. ARUM840LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	148.4	76.77	147.3	77.38	146.3	77.98	145.9	78.27	145.2	78.56	144.4	79.15
	-24.8	-25	172.5	81.11	171.3	81.79	170.0	82.45	169.6	82.78	168.9	83.10	167.7	83.74
	-21.8	-22	187.4	83.68	186.1	84.38	184.9	85.08	184.2	85.43	183.6	85.74	182.4	86.42
	-19.8	-20	197.8	85.42	196.4	86.13	195.0	86.85	194.4	87.20	193.9	87.55	192.5	88.23
	-18.8	-19	203.3	86.29	201.8	87.04	200.4	87.75	199.6	88.11	199.0	88.46	197.6	89.16
	-16.7	-17	214.3	88.08	212.8	88.83	211.2	89.59	210.5	89.96	209.8	90.31	205.3	88.94
	-15	-15.9	220.8	89.13	219.3	89.90	217.9	90.66	217.2	91.03	216.0	91.16	208.3	88.03
	-13.7	-15	227.2	90.13	225.8	90.92	224.3	91.70	223.2	91.87	219.6	90.45	208.3	85.42
	-11.8	-13	238.0	91.81	236.5	92.60	232.7	92.09	229.0	90.76	223.2	88.26	208.3	81.64
	-9.8	-11	250.5	93.71	246.8	93.42	238.1	90.23	230.6	87.02	223.2	83.87	208.3	77.66
	-9.5	-10	256.2	94.59	250.0	92.82	238.1	88.04	230.6	84.94	223.2	81.85	208.3	75.82
	-8.5	-9.1	260.6	94.63	253.0	92.10	238.1	85.97	230.6	82.93	223.2	79.95	208.3	74.06
	-7	-7.6	266.2	93.66	253.0	88.50	238.1	82.63	230.6	79.73	223.2	76.88	208.3	71.22
	-5	-5.6	267.8	89.51	253.0	83.88	238.1	78.33	230.6	75.62	223.2	72.93	208.3	67.61
	-3	-3.7	267.8	84.98	253.0	79.66	238.1	74.43	230.6	71.87	223.2	69.32	208.3	64.30
	0	-0.7	267.8	78.32	253.0	73.47	238.1	68.71	230.6	66.38	223.2	64.06	208.3	59.48
	3	2.2	267.8	72.45	253.0	68.02	238.1	63.68	230.6	61.54	223.2	59.42	208.3	55.23
	5	4.1	267.8	68.88	253.0	64.71	238.1	60.60	230.6	58.58	223.2	56.58	208.3	52.61
	7	6	267.8	65.37	253.0	61.43	238.1	57.55	230.6	55.65	223.2	53.75	208.3	50.01
	9	7.9	267.8	61.97	253.0	58.26	238.1	54.62	230.6	52.83	223.2	51.04	208.3	47.53
	11	9.8	267.8	58.72	253.0	55.24	238.1	51.81	230.6	50.13	223.2	48.46	208.3	45.13
	13	11.8	267.8	55.44	253.0	52.19	238.1	48.98	230.6	47.42	223.2	45.83	208.3	42.75
	15	13.7	267.8	52.47	253.0	49.43	238.1	46.41	230.6	44.93	223.2	43.48	208.3	40.58
80	-30	-30.2	147.3	77.47	146.2	78.05	145.2	78.65	144.8	78.93	144.2	79.22	143.3	79.79
	-24.8	-25	170.9	82.03	169.6	82.68	168.5	83.32	167.8	83.63	167.3	83.95	166.3	84.58
	-21.8	-22	185.3	84.74	184.2	85.42	182.8	86.09	182.4	86.42	181.7	86.74	179.8	86.83
	-19.8	-20	195.6	86.56	194.3	87.27	193.1	87.97	192.4	88.30	191.5	88.55	185.2	85.79
	-18.8	-19	201.0	87.50	199.6	88.21	198.2	88.92	197.5	89.25	194.4	88.03	185.2	83.67
	-16.7	-17	211.7	89.39	210.3	90.13	206.9	89.56	203.7	88.28	198.4	85.88	185.2	79.56
	-15	-15.9	218.2	90.52	216.8	91.26	210.3	88.89	205.1	86.46	198.4	83.34	185.2	77.16
	-13.7	-15	224.5	91.60	220.3	90.73	211.7	86.98	205.1	83.88	198.4	80.82	185.2	74.83
	-11.8	-13	232.7	92.05	224.9	89.02	211.7	83.12	205.1	80.19	198.4	77.28	185.2	71.56
	-9.8	-11	238.1	90.23	224.9	84.56	211.7	79.04	205.1	76.28	198.4	73.56	185.2	68.22
	-9.5	-10	238.1	88.04	224.9	82.54	211.7	77.14	205.1	74.49	198.4	71.85	185.2	66.66
	-8.5	-9.1	238.1	85.97	224.9	80.61	211.7	75.36	205.1	72.77	198.4	70.18	185.2	65.13
	-7	-7.6	238.1	82.63	224.9	77.49	211.7	72.47	205.1	70.00	198.4	67.53	185.2	62.69
	-5	-5.6	238.1	78.33	224.9	73.53	211.7	68.79	205.1	66.44	198.4	64.12	185.2	59.57
	-3	-3.7	238.1	74.43	224.9	69.89	211.7	65.40	205.1	63.22	198.4	61.03	185.2	56.72
	0	-0.7	238.1	68.71	224.9	64.57	211.7	60.48	205.1	58.48	198.4	56.48	185.2	52.55
	3	2.2	238.1	63.68	224.9	59.88	211.7	56.15	205.1	54.31	198.4	52.46	185.2	48.86
	5	4.1	238.1	60.60	224.9	57.01	211.7	53.49	205.1	51.73	198.4	49.99	185.2	46.58
	7	6	238.1	57.55	224.9	54.17	211.7	50.82	205.1	49.18	198.4	47.55	185.2	44.32
	9	7.9	238.1	54.62	224.9	51.43	211.7	48.30	205.1	46.74	198.4	45.21	185.2	42.18
	11	9.8	238.1	51.81	224.9	48.81	211.7	45.87	205.1	44.41	198.4	42.96	185.2	40.11
	13	11.8	238.1	48.98	224.9	46.20	211.7	43.44	205.1	42.06	198.4	40.72	185.2	38.05
	15	13.7	238.1	46.41	224.9	43.79	211.7	41.21	205.1	39.93	198.4	38.67	185.2	36.14
70	-30	-30.2	145.8	78.36	144.8	78.93	143.7	79.49	143.3	79.78	142.7	80.07	141.9	80.62

39. ARUM840LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	168.7	83.17	167.7	83.81	166.5	84.41	165.9	84.72	165.5	85.01	160.9	83.04
	-21.8	-22	183.0	86.04	181.7	86.70	179.8	86.79	176.9	85.53	173.6	83.98	162.1	77.85
	-19.8	-20	193.1	87.99	191.0	88.18	185.2	85.79	179.5	82.82	173.6	79.89	162.1	74.08
	-18.8	-19	198.1	89.00	193.8	87.66	185.2	83.67	179.5	80.78	173.6	77.93	162.1	72.27
	-16.7	-17	205.3	88.90	196.8	85.07	185.2	79.56	179.5	76.83	173.6	74.11	162.1	68.77
	-15	-15.9	208.3	88.03	196.8	82.57	185.2	77.16	179.5	74.49	173.6	71.84	162.1	66.62
	-13.7	-15	208.3	85.43	196.8	80.09	185.2	74.83	179.5	72.24	173.6	69.67	162.1	64.62
	-11.8	-13	208.3	81.64	196.8	76.55	185.2	71.56	179.5	69.08	173.6	66.64	162.1	61.84
	-9.8	-11	208.3	77.66	196.8	72.88	185.2	68.22	179.5	65.91	173.6	63.60	162.1	59.03
	-9.5	-10	208.3	75.82	196.8	71.20	185.2	66.66	179.5	64.41	173.6	62.19	162.1	57.82
	-8.5	-9.1	208.3	74.06	196.8	69.57	185.2	65.13	179.5	62.95	173.6	60.78	162.1	56.52
	-7	-7.6	208.3	71.22	196.8	66.92	185.2	62.69	179.5	60.61	173.6	58.54	162.1	54.44
	-5	-5.6	208.3	67.61	196.8	63.55	185.2	59.58	179.5	57.60	173.6	55.65	162.1	51.78
	-3	-3.7	208.3	64.30	196.8	60.49	185.2	56.72	179.5	54.85	173.6	53.02	162.1	49.37
	0	-0.7	208.3	59.48	196.8	55.99	185.2	52.55	179.5	50.84	173.6	49.16	162.1	45.82
	3	2.2	208.3	55.23	196.8	52.03	185.2	48.86	179.5	47.30	173.6	45.76	162.1	42.69
	5	4.1	208.3	52.61	196.8	49.57	185.2	46.58	179.5	45.09	173.6	43.63	162.1	40.74
	7	6	208.3	50.01	196.8	47.16	185.2	44.32	179.5	42.94	173.6	41.55	162.1	38.81
	9	7.9	208.3	47.53	196.8	44.83	185.2	42.18	179.5	40.86	173.6	39.56	162.1	36.99
	11	9.8	208.3	45.14	196.8	42.61	185.2	40.11	179.5	38.88	173.6	37.65	162.1	35.23
	13	11.8	208.3	42.76	196.8	40.38	185.2	38.05	179.5	36.89	173.6	35.73	162.1	33.46
	15	13.7	208.3	40.58	196.8	38.36	185.2	36.14	179.5	35.06	173.6	33.99	162.1	31.84
60	-30	-30.2	143.6	79.50	142.9	80.06	141.9	80.62	141.4	80.88	140.8	81.15	137.4	79.55
	-24.8	-25	166.1	84.64	164.1	84.52	158.8	82.00	153.7	79.22	148.7	76.45	139.0	70.98
	-21.8	-22	176.5	85.33	168.7	81.34	158.8	76.13	153.7	73.55	148.7	71.00	139.0	65.95
	-19.8	-20	178.5	82.40	168.7	77.40	158.8	72.45	153.7	70.03	148.7	67.61	139.0	62.82
	-18.8	-19	178.5	80.38	168.7	75.49	158.8	70.70	153.7	68.32	148.7	65.96	139.0	61.32
	-16.7	-17	178.5	76.43	168.7	71.83	158.8	67.28	153.7	65.02	148.7	62.81	139.0	58.41
	-15	-15.9	178.5	74.11	168.7	69.60	158.8	65.15	153.7	62.96	148.7	60.79	139.0	56.49
	-13.7	-15	178.5	71.88	168.7	67.51	158.8	63.21	153.7	61.08	148.7	58.98	139.0	54.83
	-11.8	-13	178.5	68.74	168.7	64.56	158.8	60.46	153.7	58.44	148.7	56.45	139.0	52.49
	-9.8	-11	178.5	65.56	168.7	61.63	158.8	57.74	153.7	55.80	148.7	53.90	139.0	50.14
	-9.5	-10	178.5	64.08	168.7	60.30	158.8	56.58	153.7	54.72	148.7	52.90	139.0	49.27
	-8.5	-9.1	178.5	62.63	168.7	58.94	158.8	55.32	153.7	53.52	148.7	51.73	139.0	48.19
	-7	-7.6	178.5	60.31	168.7	56.78	158.8	53.29	153.7	51.56	148.7	49.86	139.0	46.46
	-5	-5.6	178.5	57.31	168.7	53.99	158.8	50.70	153.7	49.08	148.7	47.46	139.0	44.28
	-3	-3.7	178.5	54.60	168.7	51.44	158.8	48.33	153.7	46.80	148.7	45.27	139.0	42.25
	0	-0.7	178.5	50.60	168.7	47.73	158.8	44.88	153.7	43.46	148.7	42.08	139.0	39.30
	3	2.2	178.5	47.09	168.7	44.44	158.8	41.82	153.7	40.54	148.7	39.25	139.0	36.72
	5	4.1	178.5	44.89	168.7	42.39	158.8	39.92	153.7	38.68	148.7	37.46	139.0	35.07
	7	6	178.5	42.73	168.7	40.38	158.8	38.04	153.7	36.90	148.7	35.74	139.0	33.46
	9	7.9	178.5	40.69	168.7	38.46	158.8	36.25	153.7	35.16	148.7	34.08	139.0	31.94
	11	9.8	178.5	38.71	168.7	36.62	158.8	34.54	153.7	33.52	148.7	32.51	139.0	30.49
	13	11.8	178.5	36.72	168.7	34.75	158.8	32.82	153.7	31.86	148.7	30.89	139.0	29.01
	15	13.7	178.5	34.92	168.7	33.05	158.8	31.24	153.7	30.35	148.7	29.45	139.0	27.67
50	-30	-30.2	141.0	81.06	138.3	79.95	132.3	76.54	128.1	73.98	123.9	71.43	115.8	66.41
	-24.8	-25	148.7	76.45	140.7	71.89	132.3	67.39	128.1	65.16	123.9	62.95	115.8	58.58

39. ARUM840LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	148.7	71.00	140.7	66.80	132.3	62.64	128.1	60.60	123.9	58.56	115.8	54.54
	-19.8	-20	148.7	67.61	140.7	63.61	132.3	59.68	128.1	57.75	123.9	55.83	115.8	52.00
	-18.8	-19	148.7	65.98	140.7	62.09	132.3	58.26	128.1	56.37	123.9	54.49	115.8	50.78
	-16.7	-17	148.7	62.81	140.7	59.13	132.3	55.51	128.1	53.72	123.9	51.94	115.8	48.42
	-15	-15.9	148.7	60.79	140.7	57.20	132.3	53.69	128.1	51.93	123.9	50.20	115.8	46.80
	-13.7	-15	148.7	58.98	140.7	55.50	132.3	52.11	128.1	50.42	123.9	48.74	115.8	45.44
	-11.8	-13	148.7	56.45	140.7	53.14	132.3	49.89	128.1	48.28	123.9	46.68	115.8	43.54
	-9.8	-11	148.7	53.90	140.7	50.76	132.3	47.68	128.1	46.15	123.9	44.62	115.8	41.64
	-9.5	-10	148.7	52.90	140.7	49.88	132.3	46.89	128.1	45.42	123.9	43.96	115.8	41.05
	-8.5	-9.1	148.7	51.73	140.7	48.79	132.3	45.89	128.1	44.44	123.9	43.02	115.8	40.18
	-7	-7.6	148.7	49.86	140.7	47.03	132.3	44.24	128.1	42.88	123.9	41.51	115.8	38.81
	-5	-5.6	148.7	47.46	140.7	44.80	132.3	42.17	128.1	40.86	123.9	39.58	115.8	37.01
	-3	-3.7	148.7	45.27	140.7	42.77	132.3	40.28	128.1	39.04	123.9	37.82	115.8	35.40
	0	-0.7	148.7	42.08	140.7	39.77	132.3	37.48	128.1	36.36	123.9	35.24	115.8	33.02
	3	2.2	148.7	39.25	140.7	37.13	132.3	35.04	128.1	34.01	123.9	32.97	115.8	30.92
	5	4.1	148.7	37.46	140.7	35.47	132.3	33.48	128.1	32.50	123.9	31.51	115.8	29.59
	7	6	148.7	35.74	140.7	33.84	132.3	31.98	128.1	31.03	123.9	30.13	115.8	28.30
	9	7.9	148.7	34.08	140.7	32.30	132.3	30.53	128.1	29.65	123.9	28.78	115.8	27.07
	11	9.8	148.7	32.51	140.7	30.82	132.3	29.15	128.1	28.34	123.9	27.51	115.8	25.88
	13	11.8	148.7	30.89	140.7	29.32	132.3	27.76	128.1	26.97	123.9	26.21	115.8	24.68
	15	13.7	148.7	29.45	140.7	27.95	132.3	26.48	128.1	25.77	123.9	25.04	115.8	23.59

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

39. ARUM840LTE6

39.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	151.7	74.97	150.6	75.61	149.2	76.25	148.8	76.55	148.2	76.87	147.1	77.50
	-24.8	-25	176.8	78.77	175.4	79.48	174.0	80.19	173.5	80.54	172.9	80.90	171.5	81.58
	-21.8	-22	192.3	80.94	190.9	81.72	189.7	82.46	189.0	82.83	188.3	83.20	186.9	83.92
	-19.8	-20	203.4	82.42	202.0	83.20	200.5	83.98	199.7	84.37	199.1	84.76	197.7	85.51
	-18.8	-19	209.1	83.15	207.4	83.96	206.0	84.75	205.2	85.14	204.5	85.53	203.1	86.30
	-16.7	-17	220.6	84.64	219.2	85.46	217.7	86.29	216.7	86.70	216.1	87.09	214.6	87.89
	-15	-15.9	227.8	85.50	226.1	86.35	224.6	87.18	223.8	87.60	222.8	88.00	221.4	88.80
	-13.7	-15	234.2	86.27	232.7	87.15	231.0	88.01	230.3	88.44	229.5	88.86	228.1	89.68
	-11.8	-13	246.1	87.69	244.3	88.58	242.8	89.46	241.8	89.89	241.0	90.31	239.3	91.16
	-9.8	-11	259.4	89.22	257.5	90.13	255.7	91.03	255.0	91.48	254.0	91.91	252.2	92.76
	-9.5	-10	265.8	89.92	264.0	90.86	262.2	91.76	261.2	92.22	260.3	92.68	258.3	93.53
	-8.5	-9.1	272.2	90.63	270.1	91.57	268.3	92.49	267.3	92.95	266.5	93.40	264.7	94.29
	-7	-7.6	282.9	91.80	280.9	92.77	279.0	93.72	278.0	94.18	276.9	94.64	275.1	95.53
	-5	-5.6	298.0	93.38	295.8	94.38	293.7	95.35	292.7	95.82	291.6	96.31	289.5	97.23
	-3	-3.7	312.7	94.92	310.5	95.95	308.4	96.94	307.3	97.43	306.2	97.93	298.2	95.88
	0	-0.7	337.1	97.41	334.8	98.44	332.3	99.45	327.0	98.02	321.8	96.58	301.0	89.38
	3	2.2	361.7	99.80	356.4	99.71	344.0	96.30	333.2	92.81	322.4	89.34	301.0	82.56
	5	4.1	366.2	96.16	344.4	89.54	322.8	83.06	311.9	79.88	301.0	76.72	279.3	70.54
	7	6	345.0	82.94	323.0	76.88	301.1	71.00	290.2	68.09	279.0	65.22	256.9	59.58
	9	7.9	323.0	70.75	300.9	65.33	278.6	60.01	267.5	57.40	256.2	54.82	233.8	49.73
	11	9.8	300.3	59.78	277.9	54.94	255.5	50.18	244.2	47.86	232.8	45.53	210.0	40.97
	13	11.8	276.8	49.80	254.1	45.52	231.4	41.32	220.1	39.25	208.6	37.20	185.4	33.16
	15	13.7	252.4	41.08	229.6	37.32	206.5	33.62	194.9	31.79	183.4	29.99	159.9	26.42
120	-30	-30.2	151.0	75.30	149.8	75.94	148.8	76.56	148.2	76.88	147.7	77.19	146.7	77.81
	-24.8	-25	175.8	79.21	174.6	79.92	173.3	80.63	172.8	80.98	172.1	81.31	170.8	81.99
	-21.8	-22	191.5	81.49	190.1	82.23	188.6	82.97	188.0	83.33	187.3	83.69	186.1	84.40
	-19.8	-20	202.2	83.00	200.8	83.78	199.5	84.54	198.7	84.93	198.0	85.28	196.6	86.03
	-18.8	-19	208.0	83.76	206.4	84.55	204.9	85.33	204.1	85.72	203.5	86.10	202.0	86.85
	-16.7	-17	219.5	85.30	218.0	86.12	216.3	86.93	215.6	87.32	214.9	87.71	213.4	88.49
	-15	-15.9	226.3	86.20	224.9	87.03	223.2	87.86	222.4	88.26	221.7	88.66	220.3	89.46
	-13.7	-15	232.8	87.03	231.3	87.89	229.9	88.73	229.1	89.16	228.2	89.55	226.7	90.37
	-11.8	-13	244.6	88.49	242.9	89.38	241.1	90.23	240.4	90.65	239.6	91.07	237.8	91.89
	-9.8	-11	257.8	90.09	255.7	90.99	254.0	91.87	253.2	92.29	252.2	92.72	250.7	93.57
	-9.5	-10	264.0	90.83	262.2	91.75	260.3	92.64	259.3	93.09	258.5	93.52	256.8	94.37
	-8.5	-9.1	270.3	91.59	268.3	92.50	266.4	93.40	265.4	93.85	264.6	94.29	262.9	95.16
	-7	-7.6	280.8	92.81	279.0	93.75	276.9	94.68	275.9	95.13	275.1	95.59	270.8	95.28
	-5	-5.6	295.5	94.48	293.3	95.47	291.4	96.42	290.4	96.87	288.6	96.90	277.8	93.33
	-3	-3.7	310.1	96.12	308.0	97.11	305.8	98.09	301.4	96.85	296.6	95.40	277.8	88.58
	0	-0.7	334.0	98.75	329.2	98.55	317.5	95.11	307.6	91.67	297.6	88.27	277.8	81.58
	3	2.2	352.4	98.65	337.4	94.16	317.5	87.78	307.6	84.63	297.6	81.52	277.8	75.43
	5	4.1	338.1	87.59	318.1	81.65	298.0	75.84	288.1	72.98	277.9	70.14	257.9	64.58
	7	6	318.5	75.62	298.2	70.21	277.9	64.93	267.8	62.30	257.6	59.75	237.3	54.65
	9	7.9	298.2	64.65	277.6	59.79	257.2	55.02	247.0	52.67	236.6	50.33	215.9	45.74
	11	9.8	277.2	54.77	256.6	50.42	235.8	46.13	225.4	44.04	214.9	41.94	193.9	37.81
	13	11.8	255.5	45.76	234.6	41.89	213.6	38.09	203.1	36.23	192.5	34.38	171.1	30.72

39. ARUM840LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	233.1	37.87	211.9	34.47	190.7	31.11	180.0	29.48	169.3	27.84	147.6	24.60
110	-30	-30.2	150.2	75.71	149.2	76.35	148.1	76.95	147.7	77.28	147.1	77.57	146.0	78.17
	-24.8	-25	175.0	79.75	173.6	80.44	172.5	81.14	171.8	81.47	171.1	81.81	170.0	82.46
	-21.8	-22	190.3	82.09	189.0	82.83	187.6	83.56	186.9	83.92	186.2	84.27	185.1	84.98
	-19.8	-20	201.1	83.67	199.7	84.44	198.3	85.19	197.6	85.55	196.9	85.94	195.4	86.64
	-18.8	-19	206.6	84.46	205.1	85.24	203.7	86.00	202.9	86.38	202.3	86.76	200.9	87.49
	-16.7	-17	218.0	86.07	216.5	86.88	214.9	87.67	214.2	88.06	213.4	88.44	212.0	89.19
	-15	-15.9	224.8	87.01	223.4	87.83	221.7	88.64	220.9	89.03	220.2	89.42	218.7	90.20
	-13.7	-15	231.3	87.90	229.8	88.73	228.3	89.57	227.4	89.97	226.6	90.36	225.2	91.16
	-11.8	-13	242.7	89.42	241.0	90.29	239.5	91.11	238.5	91.53	237.8	91.93	236.1	92.74
	-9.8	-11	255.7	91.09	253.8	91.98	252.1	92.85	251.3	93.25	250.3	93.67	247.3	93.77
	-9.5	-10	261.8	91.89	260.0	92.78	258.2	93.65	257.4	94.08	256.4	94.51	250.7	93.12
	-8.5	-9.1	267.9	92.68	266.0	93.57	264.3	94.45	263.3	94.89	262.5	95.31	254.1	92.53
	-7	-7.6	278.5	93.99	276.5	94.89	274.6	95.80	273.0	95.92	268.6	94.48	254.7	89.15
	-5	-5.6	292.8	95.76	290.8	96.71	285.3	95.84	280.8	94.48	273.0	91.42	254.7	84.49
	-3	-3.7	307.2	97.50	302.3	97.06	290.9	93.44	282.0	90.09	273.0	86.76	254.7	80.24
	0	-0.7	324.4	97.21	309.1	92.25	290.9	86.03	282.0	82.98	273.0	79.94	254.7	74.00
	3	2.2	327.4	90.95	309.1	85.14	290.9	79.49	282.0	76.69	273.0	73.93	254.7	68.51
	5	4.1	309.8	79.27	291.5	74.00	273.2	68.82	264.0	66.28	254.8	63.75	236.3	58.77
	7	6	291.9	68.56	273.4	63.75	254.8	59.03	245.4	56.72	236.2	54.40	217.4	49.87
	9	7.9	273.4	58.74	254.5	54.40	235.8	50.16	226.4	48.06	216.9	45.97	197.8	41.86
	11	9.8	254.1	49.89	235.2	46.00	216.3	42.17	206.6	40.29	197.0	38.43	177.8	34.72
	13	11.8	234.1	41.81	215.0	38.36	195.9	34.97	186.2	33.28	176.4	31.64	156.9	28.33
	15	13.7	213.5	34.72	194.2	31.68	174.7	28.67	164.9	27.19	155.1	25.71	135.2	22.82
100	-30	-30.2	149.4	76.19	148.4	76.80	147.3	77.43	146.7	77.72	146.3	78.02	145.2	78.62
	-24.8	-25	173.9	80.37	172.5	81.05	171.4	81.73	170.7	82.05	170.2	82.40	169.0	83.04
	-21.8	-22	189.0	82.81	187.6	83.55	186.4	84.25	185.7	84.59	185.1	84.94	183.9	85.64
	-19.8	-20	199.7	84.46	198.2	85.22	196.8	85.94	196.2	86.31	195.4	86.67	194.1	87.38
	-18.8	-19	205.0	85.30	203.7	86.05	202.2	86.80	201.5	87.18	200.8	87.54	199.4	88.25
	-16.7	-17	216.3	86.99	214.8	87.76	213.4	88.54	212.6	88.93	211.9	89.28	210.5	90.02
	-15	-15.9	223.0	87.98	221.5	88.78	219.9	89.55	219.1	89.94	218.4	90.33	217.0	91.07
	-13.7	-15	229.4	88.90	228.0	89.74	226.6	90.54	225.8	90.93	225.1	91.34	223.6	92.05
	-11.8	-13	240.6	90.51	239.0	91.35	237.3	92.16	236.6	92.56	235.7	92.95	229.4	90.90
	-9.8	-11	253.2	92.29	251.6	93.14	249.9	93.98	248.2	94.02	244.3	92.61	231.4	87.38
	-9.5	-10	259.3	93.13	257.4	93.98	255.6	94.79	251.6	93.38	247.7	92.02	231.4	85.27
	-8.5	-9.1	265.2	93.96	263.5	94.84	259.0	94.15	254.8	92.79	248.1	90.04	231.4	83.27
	-7	-7.6	275.5	95.35	272.6	95.75	264.6	93.15	256.2	89.81	248.1	86.53	231.4	80.05
	-5	-5.6	288.8	96.80	280.4	94.33	264.6	88.24	256.2	85.12	248.1	82.02	231.4	75.92
	-3	-3.7	296.6	95.41	281.0	89.79	264.6	83.78	256.2	80.82	248.1	77.89	231.4	72.16
	0	-0.7	297.6	88.27	281.0	82.69	264.6	77.23	256.2	74.53	248.1	71.88	231.4	66.63
	3	2.2	297.6	81.53	281.0	76.44	264.6	71.45	256.2	69.01	248.1	66.55	231.4	61.76
	5	4.1	281.8	71.22	265.0	66.58	248.4	62.02	240.0	59.76	231.6	57.53	214.8	53.11
	7	6	265.3	61.70	248.5	57.46	231.6	53.30	223.2	51.25	214.6	49.21	197.7	45.18
	9	7.9	248.5	53.00	231.4	49.18	214.2	45.41	205.8	43.55	197.1	41.72	179.9	38.07
	11	9.8	231.0	45.15	213.8	41.72	196.4	38.32	187.9	36.65	179.1	34.99	161.7	31.70
	13	11.8	212.8	37.95	195.6	34.90	178.1	31.89	169.3	30.39	160.4	28.93	142.6	25.99
	15	13.7	194.2	31.65	176.6	28.94	158.9	26.29	150.1	24.96	141.1	23.65	122.9	21.06

39. ARUM840LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	148.4	76.77	147.3	77.38	146.3	77.98	145.9	78.27	145.2	78.56	144.4	79.15
	-24.8	-25	172.5	81.11	171.3	81.79	170.0	82.45	169.6	82.78	168.9	83.10	167.7	83.74
	-21.8	-22	187.4	83.68	186.1	84.38	184.9	85.08	184.2	85.43	183.6	85.74	182.4	86.42
	-19.8	-20	197.8	85.42	196.4	86.13	195.0	86.85	194.4	87.20	193.9	87.55	192.5	88.23
	-18.8	-19	203.3	86.29	201.8	87.04	200.4	87.75	199.6	88.11	199.0	88.46	197.6	89.16
	-16.7	-17	214.3	88.08	212.8	88.83	211.2	89.59	210.5	89.96	209.8	90.31	205.3	88.94
	-15	-15.9	220.8	89.13	219.3	89.90	217.9	90.66	217.2	91.03	216.0	91.16	208.3	88.03
	-13.7	-15	227.2	90.13	225.8	90.92	224.3	91.70	223.2	91.87	219.6	90.45	208.3	85.42
	-11.8	-13	238.0	91.81	236.5	92.60	232.7	92.09	229.0	90.76	223.2	88.26	208.3	81.64
	-9.8	-11	250.5	93.71	246.8	93.42	238.1	90.23	230.6	87.02	223.2	83.87	208.3	77.66
	-9.5	-10	256.2	94.59	250.0	92.82	238.1	88.04	230.6	84.94	223.2	81.85	208.3	75.82
	-8.5	-9.1	260.6	94.63	253.0	92.10	238.1	85.97	230.6	82.93	223.2	79.95	208.3	74.06
	-7	-7.6	266.2	93.66	253.0	88.50	238.1	82.63	230.6	79.73	223.2	76.88	208.3	71.22
	-5	-5.6	267.8	89.51	253.0	83.88	238.1	78.33	230.6	75.62	223.2	72.93	208.3	67.61
	-3	-3.7	267.8	84.98	253.0	79.66	238.1	74.43	230.6	71.87	223.2	69.32	208.3	64.30
	0	-0.7	267.8	78.32	253.0	73.47	238.1	68.71	230.6	66.38	223.2	64.06	208.3	59.48
	3	2.2	267.8	72.45	253.0	68.02	238.1	63.68	230.6	61.54	223.2	59.42	208.3	55.23
	5	4.1	253.5	63.43	238.6	59.37	223.6	55.39	215.9	53.42	208.5	51.46	193.2	47.59
	7	6	238.8	55.06	223.7	51.37	208.5	47.72	200.9	45.93	193.2	44.14	177.9	40.63
	9	7.9	223.6	47.44	208.3	44.10	192.8	40.79	185.2	39.18	177.5	37.55	162.0	34.35
	11	9.8	207.9	40.54	192.4	37.52	176.8	34.56	169.0	33.09	161.3	31.63	145.5	28.74
	13	11.8	191.5	34.22	176.0	31.54	160.3	28.89	152.3	27.58	144.5	26.28	128.4	23.69
	15	13.7	174.7	28.67	158.9	26.29	143.1	23.95	135.0	22.78	127.0	21.62	110.6	19.33
80	-30	-30.2	147.3	77.47	146.2	78.05	145.2	78.65	144.8	78.93	144.2	79.22	143.3	79.79
	-24.8	-25	170.9	82.03	169.6	82.68	168.5	83.32	167.8	83.63	167.3	83.95	166.3	84.58
	-21.8	-22	185.3	84.74	184.2	85.42	182.8	86.09	182.4	86.42	181.7	86.74	179.8	86.83
	-19.8	-20	195.6	86.56	194.3	87.27	193.1	87.97	192.4	88.30	191.5	88.55	185.2	85.79
	-18.8	-19	201.0	87.50	199.6	88.21	198.2	88.92	197.5	89.25	194.4	88.03	185.2	83.67
	-16.7	-17	211.7	89.39	210.3	90.13	206.9	89.56	203.7	88.28	198.4	85.88	185.2	79.56
	-15	-15.9	218.2	90.52	216.8	91.26	210.3	88.89	205.1	86.46	198.4	83.34	185.2	77.16
	-13.7	-15	224.5	91.60	220.3	90.73	211.7	86.98	205.1	83.88	198.4	80.82	185.2	74.83
	-11.8	-13	232.7	92.05	224.9	89.02	211.7	83.12	205.1	80.19	198.4	77.28	185.2	71.56
	-9.8	-11	238.1	90.23	224.9	84.56	211.7	79.04	205.1	76.28	198.4	73.56	185.2	68.22
	-9.5	-10	238.1	88.04	224.9	82.54	211.7	77.14	205.1	74.49	198.4	71.85	185.2	66.66
	-8.5	-9.1	238.1	85.97	224.9	80.61	211.7	75.36	205.1	72.77	198.4	70.18	185.2	65.13
	-7	-7.6	238.1	82.63	224.9	77.49	211.7	72.47	205.1	70.00	198.4	67.53	185.2	62.69
	-5	-5.6	238.1	78.33	224.9	73.53	211.7	68.79	205.1	66.44	198.4	64.12	185.2	59.57
	-3	-3.7	238.1	74.43	224.9	69.89	211.7	65.40	205.1	63.22	198.4	61.03	185.2	56.72
	0	-0.7	238.1	68.71	224.9	64.57	211.7	60.48	205.1	58.48	198.4	56.48	185.2	52.55
	3	2.2	238.1	63.68	224.9	59.88	211.7	56.15	205.1	54.31	198.4	52.46	185.2	48.86
	5	4.1	225.4	55.88	212.1	52.40	198.7	48.95	192.1	47.25	185.2	45.57	171.8	42.24
	7	6	212.3	48.63	198.8	45.46	185.2	42.32	178.5	40.76	171.8	39.24	158.1	36.19
	9	7.9	198.8	42.03	185.2	39.16	171.5	36.30	164.6	34.90	157.8	33.50	143.9	30.72
	11	9.8	184.8	36.05	171.1	33.46	157.1	30.89	150.2	29.61	143.2	28.36	129.2	25.85
	13	11.8	170.3	30.58	156.4	28.26	142.4	25.95	135.4	24.82	128.4	23.69	114.1	21.46
	15	13.7	155.4	25.75	141.3	23.68	127.1	21.66	120.1	20.64	112.8	19.62	98.30	17.63
70	-30	-30.2	145.8	78.36	144.8	78.93	143.7	79.49	143.3	79.78	142.7	80.07	141.9	80.62

39. ARUM840LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	168.7	83.17	167.7	83.81	166.5	84.41	165.9	84.72	165.5	85.01	160.9	83.04
	-21.8	-22	183.0	86.04	181.7	86.70	179.8	86.79	176.9	85.53	173.6	83.98	162.1	77.85
	-19.8	-20	193.1	87.99	191.0	88.18	185.2	85.79	179.5	82.82	173.6	79.89	162.1	74.08
	-18.8	-19	198.1	89.00	193.8	87.66	185.2	83.67	179.5	80.78	173.6	77.93	162.1	72.27
	-16.7	-17	205.3	88.90	196.8	85.07	185.2	79.56	179.5	76.83	173.6	74.11	162.1	68.77
	-15	-15.9	208.3	88.03	196.8	82.57	185.2	77.16	179.5	74.49	173.6	71.84	162.1	66.62
	-13.7	-15	208.3	85.43	196.8	80.09	185.2	74.83	179.5	72.24	173.6	69.67	162.1	64.62
	-11.8	-13	208.3	81.64	196.8	76.55	185.2	71.56	179.5	69.08	173.6	66.64	162.1	61.84
	-9.8	-11	208.3	77.66	196.8	72.88	185.2	68.22	179.5	65.91	173.6	63.60	162.1	59.03
	-9.5	-10	208.3	75.82	196.8	71.20	185.2	66.66	179.5	64.41	173.6	62.19	162.1	57.82
	-8.5	-9.1	208.3	74.06	196.8	69.57	185.2	65.13	179.5	62.95	173.6	60.78	162.1	56.52
	-7	-7.6	208.3	71.22	196.8	66.92	185.2	62.69	179.5	60.61	173.6	58.54	162.1	54.44
	-5	-5.6	208.3	67.61	196.8	63.55	185.2	59.58	179.5	57.60	173.6	55.65	162.1	51.78
	-3	-3.7	208.3	64.30	196.8	60.49	185.2	56.72	179.5	54.85	173.6	53.02	162.1	49.37
	0	-0.7	208.3	59.48	196.8	55.99	185.2	52.55	179.5	50.84	173.6	49.16	162.1	45.82
	3	2.2	208.3	55.23	196.8	52.03	185.2	48.86	179.5	47.30	173.6	45.76	162.1	42.69
	5	4.1	197.2	48.59	185.5	45.64	173.9	42.73	168.0	41.29	162.1	39.85	150.4	37.03
	7	6	185.8	42.42	173.9	39.73	162.1	37.08	156.2	35.75	150.2	34.46	138.3	31.85
	9	7.9	173.9	36.81	162.1	34.36	150.1	31.95	144.1	30.76	138.0	29.57	126.0	27.20
	11	9.8	161.7	31.71	149.7	29.51	137.6	27.32	131.5	26.25	125.4	25.16	113.0	23.02
	13	11.8	149.1	27.02	136.9	25.05	124.6	23.12	118.6	22.13	112.3	21.17	99.80	19.24
	15	13.7	135.9	22.91	123.5	21.14	111.3	19.41	105.0	18.54	98.70	17.69	86.10	15.98
60	-30	-30.2	143.6	79.50	142.9	80.06	141.9	80.62	141.4	80.88	140.8	81.15	137.4	79.55
	-24.8	-25	166.1	84.64	164.1	84.52	158.8	82.00	153.7	79.22	148.7	76.45	139.0	70.98
	-21.8	-22	176.5	85.33	168.7	81.34	158.8	76.13	153.7	73.55	148.7	71.00	139.0	65.95
	-19.8	-20	178.5	82.40	168.7	77.40	158.8	72.45	153.7	70.03	148.7	67.61	139.0	62.82
	-18.8	-19	178.5	80.38	168.7	75.49	158.8	70.70	153.7	68.32	148.7	65.96	139.0	61.32
	-16.7	-17	178.5	76.43	168.7	71.83	158.8	67.28	153.7	65.02	148.7	62.81	139.0	58.41
	-15	-15.9	178.5	74.11	168.7	69.60	158.8	65.15	153.7	62.96	148.7	60.79	139.0	56.49
	-13.7	-15	178.5	71.88	168.7	67.51	158.8	63.21	153.7	61.08	148.7	58.98	139.0	54.83
	-11.8	-13	178.5	68.74	168.7	64.56	158.8	60.46	153.7	58.44	148.7	56.45	139.0	52.49
	-9.8	-11	178.5	65.56	168.7	61.63	158.8	57.74	153.7	55.80	148.7	53.90	139.0	50.14
	-9.5	-10	178.5	64.08	168.7	60.30	158.8	56.58	153.7	54.72	148.7	52.90	139.0	49.27
	-8.5	-9.1	178.5	62.63	168.7	58.94	158.8	55.32	153.7	53.52	148.7	51.73	139.0	48.19
	-7	-7.6	178.5	60.31	168.7	56.78	158.8	53.29	153.7	51.56	148.7	49.86	139.0	46.46
	-5	-5.6	178.5	57.31	168.7	53.99	158.8	50.70	153.7	49.08	148.7	47.46	139.0	44.28
	-3	-3.7	178.5	54.60	168.7	51.44	158.8	48.33	153.7	46.80	148.7	45.27	139.0	42.25
	0	-0.7	178.5	50.60	168.7	47.73	158.8	44.88	153.7	43.46	148.7	42.08	139.0	39.30
	3	2.2	178.5	47.09	168.7	44.44	158.8	41.82	153.7	40.54	148.7	39.25	139.0	36.72
	5	4.1	169.0	41.54	159.0	39.12	149.1	36.69	143.9	35.50	139.0	34.32	128.9	31.97
	7	6	159.2	36.43	149.1	34.19	139.0	31.99	134.0	30.91	128.8	29.83	118.6	27.68
	9	7.9	149.1	31.74	138.9	29.72	128.5	27.72	123.5	26.73	118.3	25.73	107.9	23.77
	11	9.8	138.6	27.50	128.1	25.68	118.0	23.86	112.7	22.96	107.5	22.06	97.00	20.27
	13	11.8	127.7	23.59	117.2	21.96	106.7	20.32	101.5	19.52	96.20	18.71	85.50	17.09
	15	13.7	116.5	20.15	106.0	18.67	95.30	17.23	89.90	16.50	84.60	15.78	73.90	14.35
50	-30	-30.2	141.0	81.06	138.3	79.95	132.3	76.54	128.1	73.98	123.9	71.43	115.8	66.41
	-24.8	-25	148.7	76.45	140.7	71.89	132.3	67.39	128.1	65.16	123.9	62.95	115.8	58.58

39. ARUM840LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	148.7	71.00	140.7	66.80	132.3	62.64	128.1	60.60	123.9	58.56	115.8	54.54
	-19.8	-20	148.7	67.61	140.7	63.61	132.3	59.68	128.1	57.75	123.9	55.83	115.8	52.00
	-18.8	-19	148.7	65.98	140.7	62.09	132.3	58.26	128.1	56.37	123.9	54.49	115.8	50.78
	-16.7	-17	148.7	62.81	140.7	59.13	132.3	55.51	128.1	53.72	123.9	51.94	115.8	48.42
	-15	-15.9	148.7	60.79	140.7	57.20	132.3	53.69	128.1	51.93	123.9	50.20	115.8	46.80
	-13.7	-15	148.7	58.98	140.7	55.50	132.3	52.11	128.1	50.42	123.9	48.74	115.8	45.44
	-11.8	-13	148.7	56.45	140.7	53.14	132.3	49.89	128.1	48.28	123.9	46.68	115.8	43.54
	-9.8	-11	148.7	53.90	140.7	50.76	132.3	47.68	128.1	46.15	123.9	44.62	115.8	41.64
	-9.5	-10	148.7	52.90	140.7	49.88	132.3	46.89	128.1	45.42	123.9	43.96	115.8	41.05
	-8.5	-9.1	148.7	51.73	140.7	48.79	132.3	45.89	128.1	44.44	123.9	43.02	115.8	40.18
	-7	-7.6	148.7	49.86	140.7	47.03	132.3	44.24	128.1	42.88	123.9	41.51	115.8	38.81
	-5	-5.6	148.7	47.46	140.7	44.80	132.3	42.17	128.1	40.86	123.9	39.58	115.8	37.01
	-3	-3.7	148.7	45.27	140.7	42.77	132.3	40.28	128.1	39.04	123.9	37.82	115.8	35.40
	0	-0.7	148.7	42.08	140.7	39.77	132.3	37.48	128.1	36.36	123.9	35.24	115.8	33.02
	3	2.2	148.7	39.25	140.7	37.13	132.3	35.04	128.1	34.01	123.9	32.97	115.8	30.92
	5	4.1	140.7	34.78	132.6	32.81	124.3	30.89	120.1	29.92	115.9	28.97	107.5	27.09
	7	6	132.7	30.64	124.3	28.85	115.9	27.08	111.7	26.20	107.4	25.34	98.70	23.58
	9	7.9	124.3	26.86	115.8	25.23	107.1	23.63	102.9	22.82	98.70	22.02	89.90	20.44
	11	9.8	115.5	23.43	106.9	21.94	98.30	20.48	93.90	19.76	89.60	19.02	80.80	17.59
	13	11.8	106.4	20.26	97.70	18.94	89.00	17.61	84.60	16.96	80.20	16.31	71.40	15.00
	15	13.7	97.00	17.47	88.20	16.27	79.40	15.10	75.00	14.50	70.40	13.92	61.50	12.74

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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39.5 Capacity Correction Factor

39.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-100	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-90	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-80	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0	79.0
-70	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	79.0
-60	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-50	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-40	-	-	-	-	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-30	-	-	-	96.0	95.0	94.0	93.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0
-20	-	-	97.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0	79.0
-10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
-7.5	99.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
0	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
7.5	100.0	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
10	-	99.0	98.0	96.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
20	-	-	98.0	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	79.0
30	-	-	-	97.0	95.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0	80.0
40	-	-	-	-	96.0	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
50	-	-	-	-	-	94.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
60	-	-	-	-	-	-	93.0	92.0	91.0	90.0	89.0	88.0	87.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
70	-	-	-	-	-	-	-	92.0	91.0	90.0	89.0	88.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	81.0	80.0	80.0
80	-	-	-	-	-	-	-	-	91.0	90.0	89.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
90	-	-	-	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	81.0	80.0	80.0
100	-	-	-	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0
110	-	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	80.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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39.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

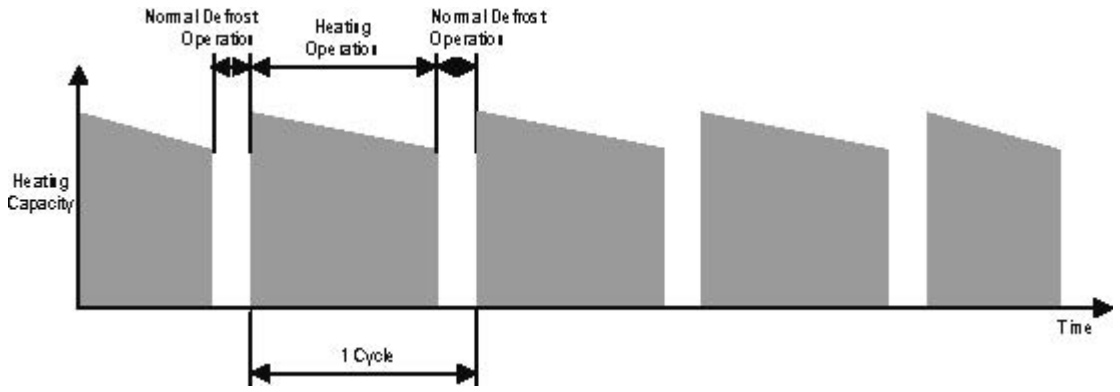
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

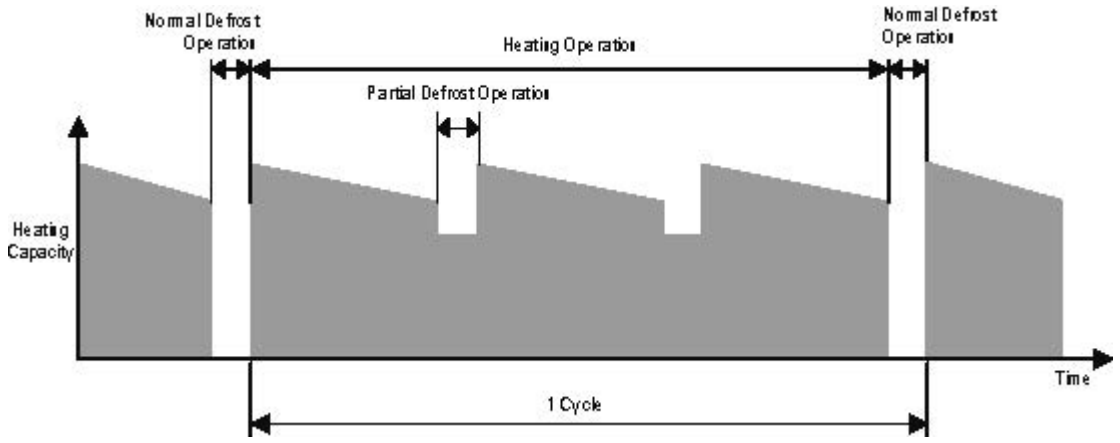
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

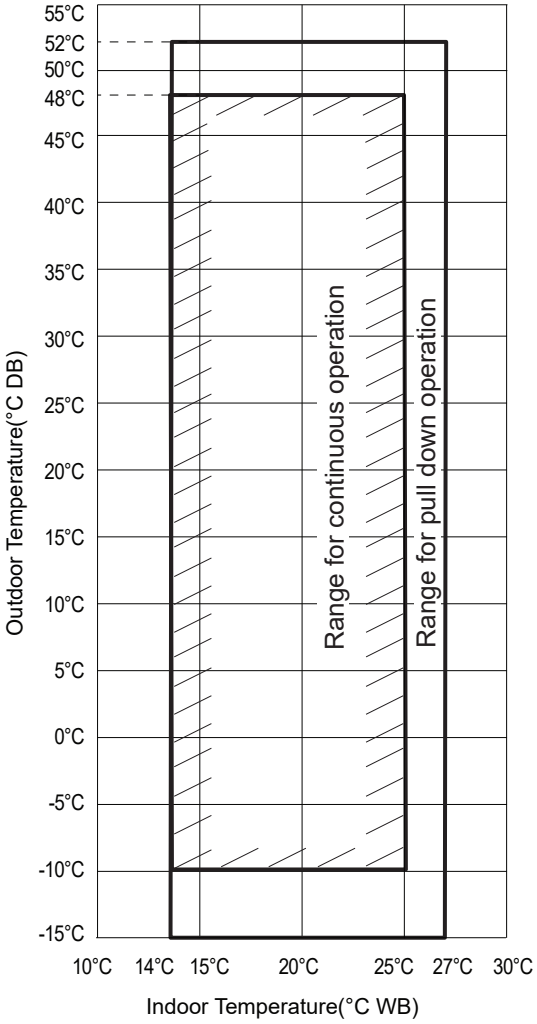


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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39.6 Operation Limits

39.6.1 Cooling

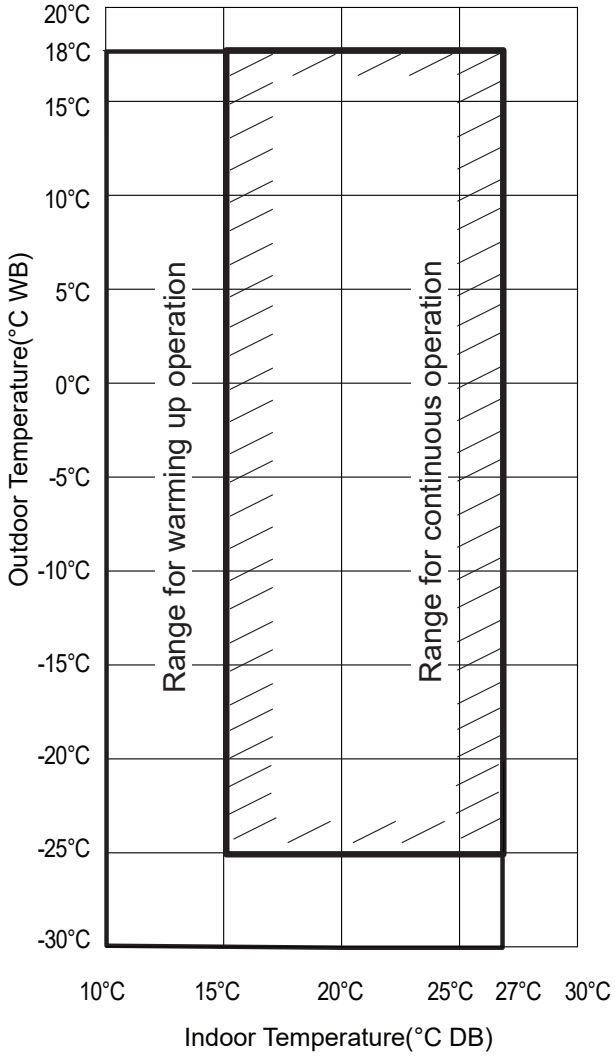


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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39.6.2 Heating

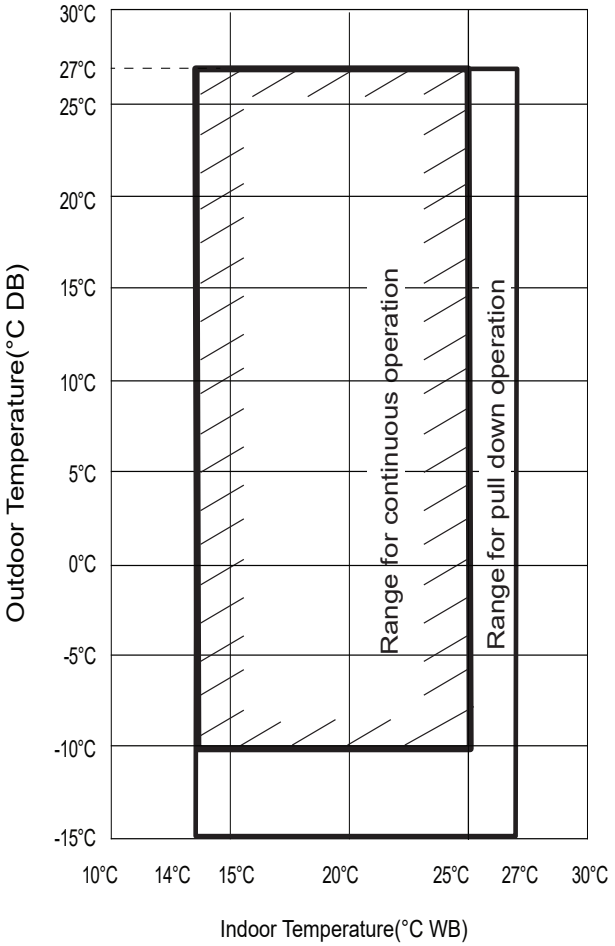


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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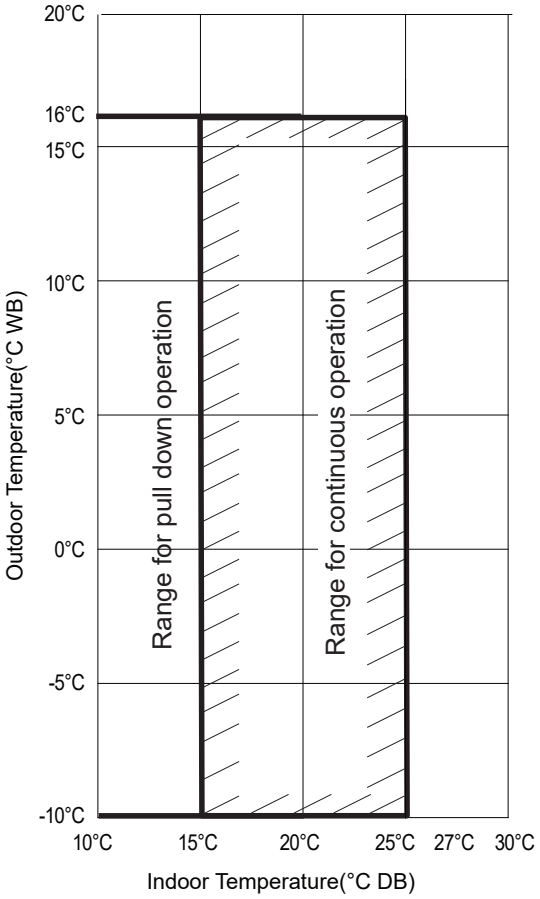
39.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

39.6.4 Simultaneous Operation (Heating)



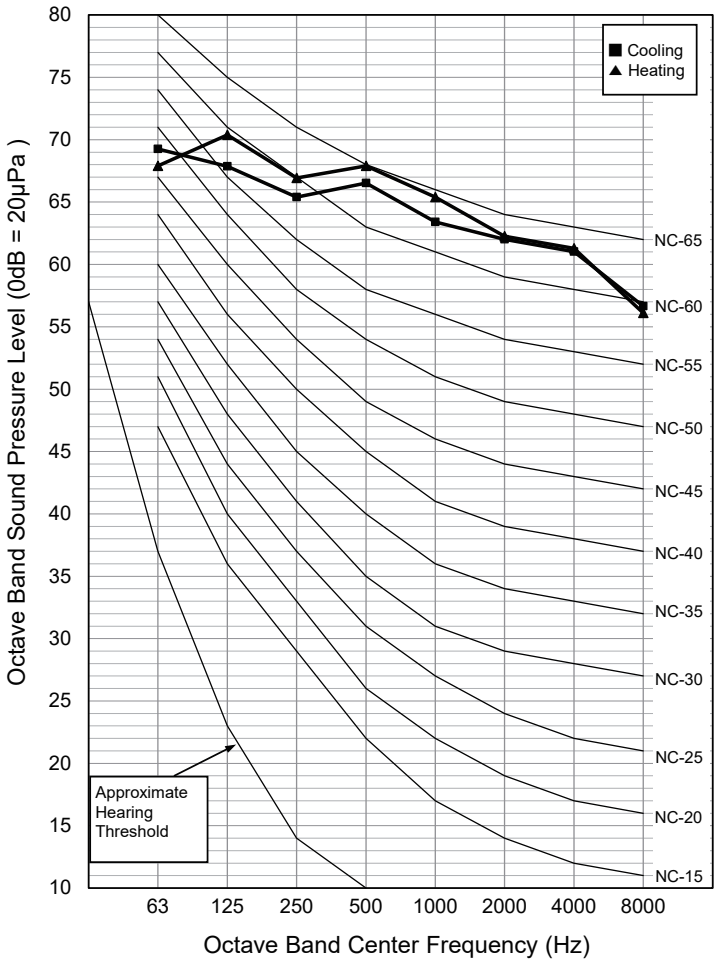
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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39.7 Sound Levels

39.7.1 Pressure Levels



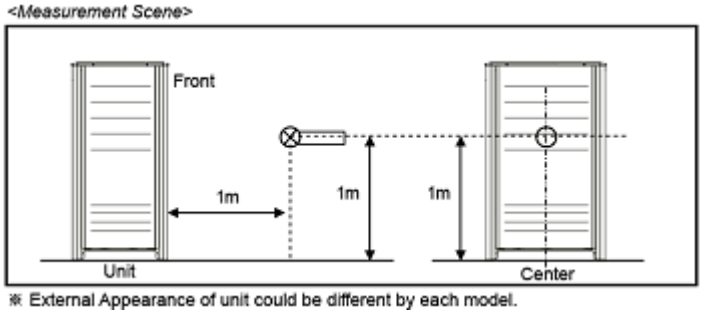
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.3	67.9	65.4	66.5	63.4	62.0	61.0	56.7
Heating[dB]	67.9	70.4	66.9	67.9	65.4	62.3	61.3	56.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	69.6 / 70.6

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

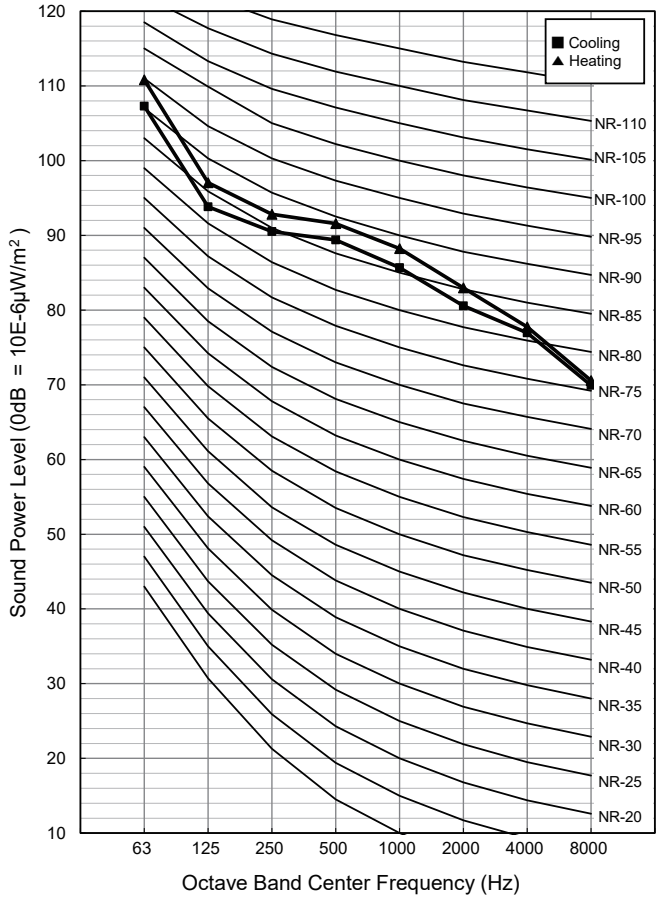
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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39.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.3	93.8	90.5	89.4	85.7	80.6	76.9	69.9
Heating[dB]	110.8	97.0	92.8	91.6	88.2	83.0	77.7	70.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.3 / 93.8

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

40. ARUM860LTE6

40.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXB + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM180LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	137.61 - 130.73 - 126
	Running Current by Voltage (Heating,Rated)	A	98.76 - 93.82 - 90.43
Cooling Capacity	Rated	kW	240.8
		Btu/h	821,600
Heating Capacity	Rated	kW	240.8
		Btu/h	821,600
	Max	kW	270.9
		Btu/h	924,300
Power Input(Cooling)	Rated	kW	84.23
Power Input(Heating)	Rated	kW	60.45
Efficiency	EER(Rated)	W/W	2.86
	COP(Rated)	W/W	3.98
	SEER	Wh/Wh	7.72
	SCOP	Wh/Wh	4.64
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8
	Motor Output	W x No.	5,300 x 8
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	6
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2)
Weight	Net	kg	(400 x 1) + (400 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(410 x 1) + (410 x 1) + (310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

40. ARUM860LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	64.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	133.600
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	69.6 / 70.7
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.3 / 93.9
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	199.9
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	222.0
	Comp_Maximum Starting Current (MSC)	A	47.2
	Comp_Rated Load Amperes (Cooling)	A	122.6
	Comp_Rated Load Amperes (Heating)	A	83.8
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	15.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

40. ARUM860LTE6

40.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

40. ARUM860LTE6

40.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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40.4 Capacity Tables

40.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	188.1	20.98	237.5	29.37	290.6	43.08	312.9	50.61	338.0	59.27	359.4	66.87	376.3	73.06
	12	188.1	22.97	237.5	32.44	290.6	47.47	312.9	55.59	338.0	64.50	359.4	72.27	376.3	78.50
	14	188.1	25.18	237.5	35.81	290.6	52.27	312.9	60.86	338.0	70.15	359.4	78.13	376.3	84.38
	16	188.1	27.65	237.5	39.55	290.6	57.53	312.9	66.53	338.0	76.22	359.4	84.46	376.3	90.75
	18	188.1	30.39	237.5	43.64	290.6	63.27	312.9	72.67	338.0	82.78	359.4	91.00	376.3	96.15
	20	188.1	33.41	237.5	48.12	290.6	69.54	312.9	79.29	338.0	88.23	359.4	95.18	376.3	100.1
	21	188.1	35.04	237.5	50.51	290.6	72.88	312.9	81.63	338.0	90.39	359.4	97.30	376.3	102.2
	23	188.1	38.57	237.5	55.65	290.6	77.67	312.9	86.13	338.0	94.95	359.4	101.8	376.3	106.6
	25	188.1	42.42	237.5	59.97	290.6	82.30	312.9	90.89	338.0	99.88	359.4	106.7	376.3	111.6
	27	188.1	45.96	237.5	63.88	290.6	87.11	312.9	95.87	338.0	105.1	359.4	112.1	376.3	117.1
	29	188.1	49.01	237.5	68.06	290.6	92.24	312.9	101.3	338.0	110.8	359.4	118.1	374.5	122.9
	31	188.1	52.25	237.5	72.55	290.6	97.78	312.9	107.1	338.0	117.0	359.4	124.9	371.7	129.0
	33	188.1	55.72	237.5	77.36	290.6	103.7	312.9	113.5	338.0	124.0	356.1	131.3	357.3	131.7
	35	188.1	59.41	237.5	82.54	290.6	110.0	312.9	120.5	333.9	129.9	334.0	130.0	334.1	130.0
	37	188.1	63.37	237.5	88.14	290.6	116.9	310.9	127.2	311.2	127.3	311.1	127.3	311.1	127.4
	39	188.1	67.58	237.5	94.23	288.7	123.7	288.7	123.7	288.7	123.7	288.5	123.6	288.5	123.6
	41	188.1	72.08	237.5	100.9	267.1	119.3	266.9	119.3	266.9	119.2	266.5	119.1	266.9	119.2
	43	188.1	76.93	237.5	108.3	245.8	113.9	245.5	113.8	245.5	113.7	245.5	113.8	245.4	113.8
	46	188.1	84.94	216.0	103.9	215.5	103.7	215.6	103.7	215.5	103.6	215.3	103.6	215.4	103.7
	48	188.1	90.84	196.7	96.99	196.6	97.01	196.6	96.91	196.5	96.92	196.5	97.00	196.4	96.92
	50	179.1	91.05	178.9	90.96	178.6	90.95	178.6	90.85	178.5	90.88	178.3	90.75	178.5	90.88
	52	159.7	81.04	161.3	77.48	161.6	73.91	161.5	73.18	161.6	72.36	161.6	71.68	161.7	71.22
120	10	173.5	19.18	219.3	25.83	268.1	36.64	288.9	42.55	312.1	50.31	331.9	57.10	347.3	62.55
	12	173.5	20.89	219.3	28.49	268.1	40.46	288.9	46.90	312.1	55.26	331.9	62.25	347.3	67.84
	14	173.5	22.80	219.3	31.41	268.1	44.66	288.9	51.66	312.1	60.56	331.9	67.82	347.3	73.55
	16	173.5	24.93	219.3	34.65	268.1	49.23	288.9	56.85	312.1	66.21	331.9	73.87	347.3	79.76
	18	173.5	27.30	219.3	38.21	268.1	54.25	288.9	62.53	312.1	72.33	331.9	80.33	347.3	86.48
	20	173.5	29.95	219.3	42.13	268.1	59.75	288.9	68.76	312.1	78.94	331.9	86.12	347.3	91.32
	21	173.5	31.38	219.3	44.24	268.1	62.68	288.9	72.06	312.1	81.31	331.9	88.27	347.3	93.49
	23	173.5	34.47	219.3	48.74	268.1	68.08	288.9	76.90	312.1	85.82	331.9	92.80	347.3	98.07
	25	173.5	37.87	219.3	53.29	268.1	72.43	288.9	81.65	312.1	90.58	331.9	97.67	347.3	102.9
	27	173.5	41.45	219.3	56.79	268.1	77.12	288.9	86.41	312.1	95.56	331.9	102.9	347.3	108.2
	29	173.5	44.18	219.3	60.54	268.1	82.16	288.9	91.52	312.1	100.9	331.9	108.6	347.3	114.0
	31	173.5	47.09	219.3	64.53	268.1	87.58	288.9	97.02	312.1	106.8	331.9	114.7	347.3	120.5
	33	173.5	50.20	219.3	68.79	268.1	93.43	288.9	103.0	312.1	113.2	331.9	121.4	347.3	127.8
	35	173.5	53.54	219.3	73.38	268.1	99.22	288.9	109.2	312.1	120.1	331.9	129.1	334.3	130.1
	37	173.5	57.11	219.3	78.29	268.1	105.5	288.9	116.0	310.8	127.1	311.2	127.3	311.1	127.3
	39	173.5	60.89	219.3	83.59	268.1	112.4	288.4	123.5	288.9	123.8	288.7	123.7	288.7	123.8
	41	173.5	64.94	219.3	89.32	267.2	119.2	266.9	119.2	266.8	119.2	266.8	119.2	266.8	119.2
	43	173.5	69.29	219.3	95.58	245.9	113.9	245.7	113.8	245.7	113.8	245.5	113.8	245.5	113.8
	46	173.5	76.39	215.8	103.8	215.7	103.7	215.7	103.7	215.6	103.7	215.4	103.7	215.4	103.6
	48	173.5	81.59	196.9	97.02	196.7	96.99	196.7	97.08	196.5	96.95	196.3	96.86	196.5	96.95
	50	173.5	87.20	179.0	90.93	178.6	90.83	178.6	90.84	178.6	90.85	178.4	90.84	178.6	90.86
	52	159.2	82.28	160.8	78.99	161.6	75.38	161.6	74.66	161.5	73.86	161.7	73.30	161.6	72.97
110	10	159.1	17.62	201.0	22.84	245.9	31.19	264.8	35.73	286.0	41.70	304.2	47.53	318.4	52.58
	12	159.1	19.06	201.0	25.06	245.9	34.47	264.8	39.47	286.0	45.97	304.2	52.28	318.4	57.50
	14	159.1	20.68	201.0	27.57	245.9	38.05	264.8	43.58	286.0	50.64	304.2	57.47	318.4	62.81

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	159.1	22.51	201.0	30.35	245.9	42.00	264.8	48.07	286.0	55.76	304.2	63.13	318.4	68.59
	18	159.1	24.56	201.0	33.42	245.9	46.36	264.8	52.96	286.0	61.37	304.2	69.23	318.4	74.87
	20	159.1	26.85	201.0	36.80	245.9	51.08	264.8	58.34	286.0	67.47	304.2	75.68	318.4	81.33
	21	159.1	28.07	201.0	38.62	245.9	53.62	264.8	61.23	286.0	70.76	304.2	78.42	318.4	83.63
	23	159.1	30.76	201.0	42.52	245.9	59.07	264.8	66.69	286.0	75.68	304.2	82.85	318.4	88.12
	25	159.1	33.74	201.0	46.83	245.9	63.20	264.8	70.98	286.0	80.48	304.2	87.56	318.4	92.85
	27	159.1	37.02	201.0	50.25	245.9	67.34	264.8	75.57	286.0	85.30	304.2	92.59	318.4	97.93
	29	159.1	39.67	201.0	53.58	245.9	71.74	264.8	80.48	286.0	90.37	304.2	97.85	318.4	103.4
	31	159.1	42.28	201.0	57.12	245.9	76.46	264.8	85.80	286.0	95.77	304.2	103.5	318.4	109.4
	33	159.1	45.07	201.0	60.90	245.9	81.54	264.8	91.57	286.0	101.7	304.2	109.7	318.4	115.9
	35	159.1	48.05	201.0	64.95	245.9	87.02	264.8	97.58	286.0	107.9	304.2	116.4	318.4	122.9
	37	159.1	51.24	201.0	69.26	245.9	92.99	264.8	103.7	286.0	114.7	304.2	123.9	311.4	127.3
	39	159.1	54.66	201.0	73.88	245.9	99.51	264.8	110.5	286.0	122.1	288.7	123.6	288.8	123.7
	41	159.1	58.30	201.0	78.87	245.9	106.7	264.8	117.9	267.0	119.2	266.6	119.1	266.8	119.2
	43	159.1	62.19	201.0	84.25	245.7	113.7	245.9	113.9	245.7	113.8	245.7	113.9	245.7	113.9
	46	159.1	68.53	201.0	93.17	215.7	103.7	215.7	103.7	215.4	103.6	215.4	103.6	215.3	103.6
	48	159.1	73.11	197.0	97.13	196.7	97.06	196.6	97.01	196.7	96.97	196.4	96.95	196.4	96.89
	50	159.1	78.06	179.0	91.07	178.6	90.87	178.6	90.91	178.6	90.80	178.5	90.83	178.6	90.93
	52	158.6	83.00	159.9	80.58	161.7	77.20	161.5	76.46	161.7	75.72	161.5	75.03	161.6	74.16
100	10	144.7	16.30	182.7	20.28	223.6	26.63	240.8	30.07	260.1	34.53	276.6	38.92	289.5	42.74
	12	144.7	17.50	182.7	22.17	223.6	29.37	240.8	33.20	260.1	38.17	276.6	42.96	289.5	47.09
	14	144.7	18.86	182.7	24.26	223.6	32.40	240.8	36.68	260.1	42.12	276.6	47.36	289.5	51.87
	16	144.7	20.39	182.7	26.59	223.6	35.75	240.8	40.49	260.1	46.49	276.6	52.19	289.5	57.07
	18	144.7	22.10	182.7	29.20	223.6	39.43	240.8	44.67	260.1	51.25	276.6	57.49	289.5	62.79
	20	144.7	24.05	182.7	32.09	223.6	43.48	240.8	49.26	260.1	56.46	276.6	63.27	289.5	69.03
	21	144.7	25.10	182.7	33.62	223.6	45.66	240.8	51.70	260.1	59.26	276.6	66.36	289.5	72.37
	23	144.7	27.40	182.7	36.99	223.6	50.32	240.8	56.95	260.1	64.77	276.6	71.55	289.5	77.18
	25	144.7	29.97	182.7	40.68	223.6	54.82	240.8	61.21	260.1	68.98	276.6	76.12	289.5	81.87
	27	144.7	32.83	182.7	44.23	223.6	58.41	240.8	65.20	260.1	73.45	276.6	81.01	289.5	86.66
	29	144.7	35.49	182.7	47.16	223.6	62.26	240.8	69.46	260.1	78.24	276.6	86.30	289.5	91.76
	31	144.7	37.79	182.7	50.27	223.6	66.37	240.8	74.05	260.1	83.39	276.6	91.62	289.5	97.28
	33	144.7	40.26	182.7	53.61	223.6	70.76	240.8	78.95	260.1	88.97	276.6	97.22	289.5	103.2
	35	144.7	42.92	182.7	57.18	223.6	75.47	240.8	84.26	260.1	95.06	276.6	103.3	289.5	109.5
	37	144.7	45.77	182.7	60.97	223.6	80.53	240.8	89.99	260.1	101.3	276.6	109.9	289.5	116.4
	39	144.7	48.81	182.7	65.03	223.6	86.00	240.8	96.25	260.1	107.9	276.6	116.9	288.5	123.5
	41	144.7	52.08	182.7	69.37	223.6	91.94	240.8	103.2	260.1	115.0	267.1	119.3	267.0	119.2
	43	144.7	55.54	182.7	74.01	223.6	98.46	240.8	110.7	245.7	113.8	245.7	113.9	245.7	113.9
	46	144.7	61.22	182.7	81.66	215.7	103.8	215.8	103.7	215.6	103.6	215.6	103.6	215.5	103.6
	48	144.7	65.30	182.7	87.27	197.0	97.08	196.7	97.05	196.7	96.95	196.7	96.94	196.7	96.95
	50	144.7	69.68	179.2	91.02	178.9	90.96	178.7	90.86	178.8	90.96	178.8	90.95	178.6	90.93
	52	144.7	74.36	159.6	81.53	160.7	79.04	161.3	77.99	161.5	76.90	161.7	75.83	161.7	75.00
90	10	130.2	15.18	164.4	18.17	201.1	22.86	216.7	25.40	234.0	28.67	249.0	31.86	260.5	34.65
	12	130.2	16.15	164.4	19.69	201.1	25.12	216.7	27.98	234.0	31.66	249.0	35.21	260.5	38.28
	14	130.2	17.26	164.4	21.43	201.1	27.61	216.7	30.84	234.0	34.95	249.0	38.89	260.5	42.27
	16	130.2	18.53	164.4	23.36	201.1	30.40	216.7	34.00	234.0	38.59	249.0	42.93	260.5	46.64
	18	130.2	19.96	164.4	25.53	201.1	33.47	216.7	37.51	234.0	42.57	249.0	47.35	260.5	51.40
	20	130.2	21.58	164.4	27.93	201.1	36.87	216.7	41.34	234.0	46.94	249.0	52.21	260.5	56.64
	21	130.2	22.48	164.4	29.24	201.1	38.70	216.7	43.42	234.0	49.28	249.0	54.80	260.5	59.44
	23	130.2	24.40	164.4	32.06	201.1	42.61	216.7	47.83	234.0	54.30	249.0	60.33	260.5	64.96
	25	130.2	26.58	164.4	35.20	201.1	46.92	216.7	52.39	234.0	58.67	249.0	64.42	260.5	69.17
	27	130.2	29.02	164.4	38.64	201.1	50.34	216.7	55.84	234.0	62.52	249.0	68.61	260.5	73.64

40. ARUM860LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	130.2	31.61	164.4	41.28	201.1	53.66	216.7	59.52	234.0	66.63	249.0	73.10	260.5	78.45
	31	130.2	33.62	164.4	44.00	201.1	57.21	216.7	63.47	234.0	71.00	249.0	77.91	260.5	83.62
	33	130.2	35.79	164.4	46.89	201.1	61.00	216.7	67.66	234.0	75.72	249.0	83.07	260.5	89.21
	35	130.2	38.12	164.4	50.01	201.1	65.05	216.7	72.15	234.0	80.77	249.0	88.68	260.5	95.31
	37	130.2	40.64	164.4	53.32	201.1	69.38	216.7	76.97	234.0	86.23	249.0	94.79	260.5	101.6
	39	130.2	43.35	164.4	56.87	201.1	74.01	216.7	82.17	234.0	92.17	249.0	101.5	260.5	108.1
	41	130.2	46.25	164.4	60.66	201.1	79.00	216.7	87.80	234.0	98.67	249.0	108.5	260.5	115.3
	43	130.2	49.36	164.4	64.70	201.1	84.38	216.7	93.90	234.0	105.8	245.9	113.9	245.8	113.9
	46	130.2	54.40	164.4	71.30	201.1	93.33	215.8	103.8	215.8	103.8	215.7	103.7	215.8	103.8
	48	130.2	58.04	164.4	76.13	197.3	97.24	196.9	97.15	196.9	97.07	196.7	97.04	196.7	97.07
	50	130.2	61.94	164.4	81.28	179.0	91.01	179.0	90.99	178.7	90.89	178.7	90.87	178.9	91.01
	52	130.2	66.10	158.9	82.73	160.2	80.11	160.8	79.06	161.6	77.92	161.7	76.85	161.7	76.00
80	10	115.7	13.50	146.2	16.43	178.8	19.81	192.5	21.61	208.1	23.94	221.1	26.20	231.6	28.17
	12	115.7	15.00	146.2	17.63	178.8	21.61	192.5	23.69	208.1	26.33	221.1	28.90	231.6	31.10
	14	115.7	15.88	146.2	19.02	178.8	23.62	192.5	25.99	208.1	29.00	221.1	31.87	231.6	34.33
	16	115.7	16.90	146.2	20.58	178.8	25.87	192.5	28.56	208.1	31.97	221.1	35.16	231.6	37.90
	18	115.7	18.07	146.2	22.35	178.8	28.39	192.5	31.40	208.1	35.21	221.1	38.78	231.6	41.81
	20	115.7	19.40	146.2	24.33	178.8	31.16	192.5	34.57	208.1	38.80	221.1	42.78	231.6	46.11
	21	115.7	20.13	146.2	25.38	178.8	32.65	192.5	36.26	208.1	40.74	221.1	44.90	231.6	48.40
	23	115.7	21.74	146.2	27.72	178.8	35.88	192.5	39.92	208.1	44.89	221.1	49.47	231.6	53.34
	25	115.7	23.55	146.2	30.32	178.8	39.48	192.5	43.94	208.1	49.39	221.1	54.02	231.6	57.75
	27	115.7	25.59	146.2	33.21	178.8	43.04	192.5	47.43	208.1	52.74	221.1	57.56	231.6	61.54
	29	115.7	27.88	146.2	35.90	178.8	45.86	192.5	50.57	208.1	56.23	221.1	61.36	231.6	65.59
	31	115.7	29.78	146.2	38.23	178.8	48.91	192.5	53.93	208.1	59.95	221.1	65.41	231.6	69.89
	33	115.7	31.64	146.2	40.73	178.8	52.15	192.5	57.50	208.1	63.90	221.1	69.72	231.6	74.51
	35	115.7	33.68	146.2	43.42	178.8	55.61	192.5	61.31	208.1	68.16	221.1	74.36	231.6	79.50
	37	115.7	35.87	146.2	46.29	178.8	59.32	192.5	65.38	208.1	72.69	221.1	79.35	231.6	84.87
	39	115.7	38.26	146.2	49.38	178.8	63.24	192.5	69.74	208.1	77.56	221.1	84.73	231.6	90.67
	41	115.7	40.81	146.2	52.68	178.8	67.47	192.5	74.41	208.1	82.81	221.1	90.56	231.6	97.03
	43	115.7	43.56	146.2	56.20	178.8	71.97	192.5	79.43	208.1	88.51	221.1	96.92	231.6	104.0
	46	115.7	48.05	146.2	61.92	178.8	79.38	192.5	87.73	208.1	98.04	215.7	103.7	215.7	103.8
	48	115.7	51.31	146.2	66.07	178.8	84.82	192.5	93.89	196.9	97.01	196.9	97.10	196.9	97.07
	50	115.7	54.77	146.2	70.50	178.4	90.49	179.0	91.04	178.9	90.98	178.7	90.90	178.6	90.88
	52	115.7	58.45	146.2	75.25	159.6	81.48	160.2	80.40	160.8	79.24	161.3	78.16	161.5	77.33
70	10	101.4	11.14	127.9	15.00	156.5	17.36	168.5	18.61	182.0	20.21	193.5	21.76	202.5	23.08
	12	101.4	13.95	127.9	15.94	156.5	18.75	168.5	20.22	182.0	22.08	193.5	23.85	202.5	25.37
	14	101.4	14.65	127.9	17.01	156.5	20.33	168.5	22.02	182.0	24.15	193.5	26.17	202.5	27.91
	16	101.4	15.46	127.9	18.24	156.5	22.11	168.5	24.05	182.0	26.47	193.5	28.77	202.5	30.71
	18	101.4	16.39	127.9	19.64	156.5	24.08	168.5	26.29	182.0	29.06	193.5	31.65	202.5	33.82
	20	101.4	17.45	127.9	21.21	156.5	26.29	168.5	28.81	182.0	31.92	193.5	34.82	202.5	37.27
	21	101.4	18.05	127.9	22.07	156.5	27.50	168.5	30.18	182.0	33.47	193.5	36.55	202.5	39.10
	23	101.4	19.36	127.9	23.96	156.5	30.10	168.5	33.11	182.0	36.80	193.5	40.21	202.5	43.08
	25	101.4	20.84	127.9	26.07	156.5	33.01	168.5	36.37	182.0	40.49	193.5	44.27	202.5	47.42
	27	101.4	22.52	127.9	28.44	156.5	36.20	168.5	39.90	182.0	44.04	193.5	47.78	202.5	50.83
	29	101.4	24.43	127.9	31.00	156.5	38.87	168.5	42.55	182.0	46.94	193.5	50.94	202.5	54.19
	31	101.4	26.25	127.9	32.97	156.5	41.42	168.5	45.34	182.0	50.06	193.5	54.31	202.5	57.78
	33	101.4	27.84	127.9	35.09	156.5	44.14	168.5	48.35	182.0	53.38	193.5	57.91	202.5	61.61
	35	101.4	29.57	127.9	37.39	156.5	47.07	168.5	51.56	182.0	56.92	193.5	61.73	202.5	65.69
	37	101.4	31.49	127.9	39.86	156.5	50.19	168.5	54.98	182.0	60.70	193.5	65.84	202.5	70.06
	39	101.4	33.54	127.9	42.51	156.5	53.55	168.5	58.65	182.0	64.74	193.5	70.22	202.5	74.74
	41	101.4	35.77	127.9	45.35	156.5	57.11	168.5	62.56	182.0	69.06	193.5	74.95	202.5	79.79

40. ARUM860LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	101.4	38.18	127.9	48.39	156.5	60.91	168.5	66.72	182.0	73.68	193.5	80.00	202.5	85.23
	46	101.4	42.14	127.9	53.34	156.5	67.13	168.5	73.56	182.0	81.28	193.5	88.38	202.5	94.30
	48	101.4	45.01	127.9	56.92	156.5	71.62	168.5	78.52	182.0	86.87	193.5	94.59	197.0	97.17
	50	101.4	48.09	127.9	60.75	156.5	76.45	168.5	83.87	179.2	91.12	179.0	90.97	178.9	90.94
	52	101.4	51.35	127.9	64.82	156.5	81.65	159.2	82.22	159.9	80.98	160.5	79.87	160.8	79.05
60	10	86.80	8.99	109.6	12.45	134.1	15.46	144.4	16.28	156.0	17.32	165.9	18.33	173.7	19.20
	12	86.80	12.76	109.6	14.55	134.1	16.48	144.4	17.47	156.0	18.72	165.9	19.88	173.7	20.90
	14	86.80	13.31	109.6	15.35	134.1	17.66	144.4	18.83	156.0	20.27	165.9	21.64	173.7	22.80
	16	86.80	13.97	109.6	16.29	134.1	19.00	144.4	20.35	156.0	22.02	165.9	23.61	173.7	24.93
	18	86.80	14.74	109.6	17.34	134.1	20.52	144.4	22.07	156.0	23.99	165.9	25.81	173.7	27.32
	20	86.80	15.59	109.6	18.55	134.1	22.22	144.4	24.02	156.0	26.22	165.9	28.26	173.7	29.97
	21	86.80	16.07	109.6	19.22	134.1	23.15	144.4	25.06	156.0	27.41	165.9	29.58	173.7	31.41
	23	86.80	17.13	109.6	20.69	134.1	25.19	144.4	27.34	156.0	30.00	165.9	32.46	173.7	34.49
	25	86.80	18.33	109.6	22.36	134.1	27.47	144.4	29.90	156.0	32.89	165.9	35.62	173.7	37.89
	27	86.80	19.72	109.6	24.25	134.1	30.01	144.4	32.77	156.0	36.08	165.9	39.11	173.7	41.45
	29	86.80	21.26	109.6	26.37	134.1	32.63	144.4	35.43	156.0	38.75	165.9	41.76	173.7	44.20
	31	86.80	22.96	109.6	28.23	134.1	34.70	144.4	37.72	156.0	41.29	165.9	44.50	173.7	47.11
	33	86.80	24.29	109.6	29.98	134.1	36.96	144.4	40.18	156.0	44.02	165.9	47.43	173.7	50.24
	35	86.80	25.74	109.6	31.90	134.1	39.37	144.4	42.83	156.0	46.92	165.9	50.58	173.7	53.58
	37	86.80	27.37	109.6	33.97	134.1	41.98	144.4	45.68	156.0	50.03	165.9	53.95	173.7	57.12
	39	86.80	29.11	109.6	36.21	134.1	44.79	144.4	48.71	156.0	53.38	165.9	57.54	173.7	60.92
	41	86.80	31.05	109.6	38.62	134.1	47.79	144.4	51.98	156.0	56.93	165.9	61.37	173.7	64.98
	43	86.80	33.14	109.6	41.22	134.1	50.99	144.4	55.44	156.0	60.71	165.9	65.47	173.7	69.33
	46	86.80	36.63	109.6	45.49	134.1	56.20	144.4	61.09	156.0	66.90	165.9	72.14	173.7	76.43
	48	86.80	39.16	109.6	48.58	134.1	59.96	144.4	65.17	156.0	71.39	165.9	77.01	173.7	81.62
	50	86.80	41.85	109.6	51.88	134.1	63.98	144.4	69.54	156.0	76.20	165.9	82.26	173.7	87.25
	52	86.80	44.76	109.6	55.38	134.1	68.26	144.4	74.23	156.0	81.38	159.1	82.33	159.6	81.46
50	10	72.30	6.98	91.30	9.69	111.8	12.82	120.4	14.31	130.0	15.15	138.3	15.78	144.8	16.30
	12	72.30	10.68	91.30	13.18	111.8	14.72	120.4	15.35	130.0	16.13	138.3	16.87	144.8	17.50
	14	72.30	11.86	91.30	13.80	111.8	15.54	120.4	16.29	130.0	17.24	138.3	18.12	144.8	18.86
	16	72.30	12.38	91.30	14.49	111.8	16.48	120.4	17.40	130.0	18.50	138.3	19.53	144.8	20.39
	18	72.30	12.99	91.30	15.29	111.8	17.59	120.4	18.64	130.0	19.93	138.3	21.13	144.8	22.12
	20	72.30	13.67	91.30	16.21	111.8	18.84	120.4	20.07	130.0	21.55	138.3	22.91	144.8	24.08
	21	72.30	14.05	91.30	16.69	111.8	19.53	120.4	20.84	130.0	22.44	138.3	23.90	144.8	25.13
	23	72.30	14.90	91.30	17.83	111.8	21.07	120.4	22.56	130.0	24.36	138.3	26.04	144.8	27.44
	25	72.30	15.87	91.30	19.10	111.8	22.77	120.4	24.48	130.0	26.55	138.3	28.43	144.8	29.98
	27	72.30	16.95	91.30	20.57	111.8	24.73	120.4	26.64	130.0	28.98	138.3	31.09	144.8	32.83
	29	72.30	18.20	91.30	22.23	111.8	26.89	120.4	29.08	130.0	31.57	138.3	33.74	144.8	35.49
	31	72.30	19.60	91.30	23.98	111.8	28.77	120.4	30.97	130.0	33.58	138.3	35.91	144.8	37.79
	33	72.30	20.80	91.30	25.38	111.8	30.56	120.4	32.94	130.0	35.73	138.3	38.24	144.8	40.28
	35	72.30	22.00	91.30	26.91	111.8	32.51	120.4	35.07	130.0	38.07	138.3	40.75	144.8	42.94
	37	72.30	23.32	91.30	28.62	111.8	34.62	120.4	37.37	130.0	40.60	138.3	43.45	144.8	45.78
	39	72.30	24.78	91.30	30.49	111.8	36.93	120.4	39.85	130.0	43.29	138.3	46.35	144.8	48.84
	41	72.30	26.40	91.30	32.50	111.8	39.39	120.4	42.51	130.0	46.18	138.3	49.45	144.8	52.10
	43	72.30	28.18	91.30	34.70	111.8	42.05	120.4	45.36	130.0	49.29	138.3	52.76	144.8	55.57
	46	72.30	31.22	91.30	38.30	111.8	46.39	120.4	50.05	130.0	54.32	138.3	58.14	144.8	61.22
	48	72.30	33.42	91.30	40.93	111.8	49.52	120.4	53.40	130.0	57.97	138.3	62.04	144.8	65.33
	50	72.30	35.83	91.30	43.75	111.8	52.88	120.4	57.00	130.0	61.85	138.3	66.19	144.8	69.70
	52	72.30	38.41	91.30	46.78	111.8	56.46	120.4	60.82	130.0	66.01	138.3	70.63	144.8	74.40

40. ARUM860LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

40. ARUM860LTE6

40.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	51.20	3.89	82.10	6.22	116.5	8.87	124.7	9.53	132.9	10.22	141.5	10.95	150.5	11.85
	12	51.20	3.89	82.10	6.24	116.5	8.94	124.7	9.60	132.9	10.30	141.5	11.05	150.5	12.00
	14	51.20	3.91	82.10	6.28	116.5	9.05	124.7	9.74	132.9	10.47	141.5	11.24	150.5	12.25
	16	51.20	3.92	82.10	6.35	116.5	9.24	124.7	9.98	132.9	10.76	141.5	11.62	150.5	12.78
	18	51.20	3.95	82.10	6.50	116.5	9.67	124.7	10.52	132.9	11.42	141.5	12.43	150.5	13.93
	20	51.20	4.08	82.10	6.86	116.5	10.79	124.7	11.89	132.9	13.13	141.5	14.51	150.5	16.99
	21	58.00	5.04	88.50	8.58	122.6	14.58	130.8	15.55	138.8	16.47	146.9	17.40	155.4	18.88
	23	71.60	11.34	101.8	14.19	135.5	18.23	143.1	19.27	150.9	20.42	157.9	21.47	165.5	23.21
	25	85.60	14.14	115.1	17.68	148.7	22.91	155.8	24.20	163.4	25.59	169.1	26.74	175.7	28.76
	27	99.70	17.94	129.0	22.40	162.0	29.10	168.8	30.67	175.9	32.27	180.6	33.34	196.4	38.02
	29	114.3	23.09	142.9	28.40	175.9	35.99	182.3	37.62	189.2	39.40	200.6	42.55	232.4	53.59
	31	129.4	29.11	157.3	35.18	190.0	44.30	196.0	46.12	212.9	51.56	237.3	60.08	268.4	74.46
	33	144.8	36.54	172.2	43.68	204.3	54.52	225.0	62.23	250.4	72.78	273.8	83.56	304.2	101.2
	35	160.8	45.95	187.4	54.24	239.8	76.29	262.3	87.58	287.7	101.1	310.3	111.8	340.0	128.1
	37	160.8	49.04	187.4	57.88	239.8	81.45	262.3	93.62	287.7	107.6	310.3	119.0	318.7	126.0
	39	160.8	52.35	187.4	61.77	239.8	87.03	262.3	100.2	287.7	114.7	298.6	120.6	295.3	121.6
	41	160.8	55.87	187.4	65.91	239.8	93.08	262.3	107.5	276.1	115.5	276.0	115.6	272.9	116.7
	43	160.8	59.63	187.4	70.35	239.8	99.70	254.3	109.7	254.2	109.6	254.0	109.6	251.2	111.2
	46	160.8	65.72	187.4	77.58	223.3	99.37	223.3	99.34	223.1	99.34	223.1	99.23	220.6	100.6
	48	160.8	70.15	187.4	82.87	203.8	93.05	203.9	93.12	203.5	92.99	203.4	93.02	201.0	94.09
	50	160.8	74.87	185.6	87.47	185.1	87.35	185.2	87.43	185.0	87.32	184.9	87.29	182.5	88.22
	52	160.0	79.53	162.8	75.36	164.8	72.13	165.3	71.49	165.7	70.77	166.2	70.19	165.2	70.54
120	10	47.30	3.60	75.90	5.73	107.5	8.17	115.0	8.77	122.6	9.37	130.5	10.01	138.8	10.82
	12	47.30	3.60	75.90	5.76	107.5	8.23	115.0	8.82	122.6	9.43	130.5	10.11	138.8	10.94
	14	47.30	3.60	75.90	5.77	107.5	8.30	115.0	8.92	122.6	9.58	130.5	10.25	138.8	11.15
	16	47.30	3.62	75.90	5.83	107.5	8.45	115.0	9.13	122.6	9.79	130.5	10.54	138.8	11.54
	18	47.30	3.66	75.90	5.94	107.5	8.80	115.0	9.53	122.6	10.30	130.5	11.17	138.8	12.45
	20	47.30	3.73	75.90	6.23	107.5	9.65	115.0	10.62	122.6	11.62	130.5	12.77	138.8	14.91
	21	53.40	4.54	81.70	7.64	113.2	12.73	120.8	14.24	128.2	15.27	135.5	16.09	143.4	17.37
	23	66.00	10.82	93.90	13.37	125.1	16.88	132.2	17.77	139.4	18.76	145.8	19.65	152.7	21.16
	25	78.90	13.35	106.3	16.48	137.2	21.00	143.8	22.11	150.9	23.30	156.2	24.25	162.3	26.02
	27	92.10	16.77	119.0	20.65	149.5	26.42	155.9	27.74	162.4	29.20	166.7	30.17	181.4	34.34
	29	105.7	21.37	131.9	26.12	162.3	32.73	168.1	34.13	174.5	35.67	185.2	38.38	214.6	47.87
	31	119.4	26.88	145.2	32.15	175.3	40.03	181.0	41.62	196.4	46.30	218.9	53.60	247.6	65.87
	33	133.7	33.47	159.1	39.66	188.8	49.04	207.8	55.70	231.2	64.68	252.7	73.83	280.7	89.71
	35	148.4	41.80	173.0	48.98	221.4	67.94	242.2	77.50	265.6	89.25	286.3	100.5	313.9	115.9
	37	148.4	44.63	173.0	52.29	221.4	72.51	242.2	82.75	265.6	95.45	286.3	106.9	313.9	123.4
	39	148.4	47.63	173.0	55.81	221.4	77.41	242.2	88.42	265.6	102.2	286.3	113.9	295.4	121.7
	41	148.4	50.83	173.0	59.56	221.4	82.66	242.2	94.59	265.6	109.6	276.3	115.6	273.0	116.8
	43	148.4	54.25	173.0	63.54	221.4	88.36	242.2	101.3	254.3	109.7	254.1	109.6	251.1	111.1
	46	148.4	59.84	173.0	70.06	221.4	97.85	223.5	99.40	223.2	99.28	223.1	99.26	220.6	100.7
	48	148.4	63.86	173.0	74.78	203.8	93.08	203.8	93.06	203.7	93.07	203.6	92.98	201.0	94.18
	50	148.4	68.14	173.0	79.84	185.1	87.32	185.2	87.41	185.5	87.53	185.3	87.40	182.8	88.40
	52	148.4	72.75	162.1	76.75	164.0	73.46	164.5	72.83	164.8	72.10	165.1	71.65	165.0	72.30
110	10	43.40	3.28	69.60	5.25	98.50	7.48	105.4	8.00	112.4	8.56	119.6	9.14	127.2	9.84
	12	43.40	3.28	69.60	5.25	98.50	7.51	105.4	8.07	112.4	8.62	119.6	9.20	127.2	9.93
	14	43.40	3.30	69.60	5.28	98.50	7.59	105.4	8.13	112.4	8.73	119.6	9.31	127.2	10.09
	16	43.40	3.31	69.60	5.32	98.50	7.70	105.4	8.28	112.4	8.90	119.6	9.53	127.2	10.39
	18	43.40	3.33	69.60	5.42	98.50	7.95	105.4	8.60	112.4	9.27	119.6	9.99	127.2	11.07

40. ARUM860LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	43.40	3.39	69.60	5.63	98.50	8.61	105.4	9.42	112.4	10.29	119.6	11.23	127.2	12.93
	21	49.10	4.10	74.90	6.77	103.8	10.99	110.6	12.22	117.5	13.57	124.3	14.78	131.5	15.98
	23	60.60	10.33	86.00	12.57	114.7	15.63	121.1	16.38	127.6	17.21	133.7	17.96	140.1	19.28
	25	72.30	12.57	97.50	15.35	125.7	19.22	131.9	20.16	138.2	21.15	143.1	21.98	148.7	23.47
	27	84.50	15.61	109.0	19.01	137.2	23.93	142.9	25.06	149.0	26.27	153.0	27.11	166.3	30.81
	29	96.80	19.72	120.8	23.88	148.7	29.68	154.2	30.86	159.9	32.17	169.8	34.49	196.7	42.58
	31	109.6	24.73	133.3	29.30	160.6	36.07	165.9	37.41	180.2	41.40	200.7	47.61	227.1	58.01
	33	122.6	30.56	145.8	35.89	173.0	43.94	190.3	49.59	211.8	57.23	231.8	64.91	257.3	78.16
	35	136.1	37.90	158.7	44.06	202.9	60.24	222.1	68.29	243.4	78.07	262.6	87.63	287.7	103.5
	37	136.1	40.44	158.7	47.03	202.9	64.29	222.1	72.88	243.4	83.38	262.6	93.68	287.7	110.2
	39	136.1	43.17	158.7	50.19	202.9	68.60	222.1	77.79	243.4	89.09	262.6	100.3	287.7	117.4
	41	136.1	46.09	158.7	53.58	202.9	73.21	222.1	83.09	243.4	95.32	262.6	107.6	273.2	116.8
	43	136.1	49.20	158.7	57.20	202.9	78.17	222.1	88.82	243.4	102.1	254.4	109.8	251.4	111.3
	46	136.1	54.27	158.7	63.05	202.9	86.32	222.1	98.38	223.4	99.39	223.3	99.30	220.4	100.6
	48	136.1	57.94	158.7	67.29	202.7	92.23	203.7	93.01	203.8	93.12	203.8	93.07	201.2	94.20
	50	136.1	61.84	158.7	71.79	185.4	87.44	185.2	87.34	185.2	87.44	185.1	87.35	182.9	88.38
	52	136.1	66.01	158.7	76.62	163.2	75.08	163.4	74.46	163.9	73.76	163.9	72.99	164.3	73.13
100	10	39.50	2.99	63.10	4.76	89.50	6.78	95.80	7.28	102.2	7.77	108.9	8.29	115.7	8.91
	12	39.50	2.99	63.10	4.77	89.50	6.80	95.80	7.32	102.2	7.81	108.9	8.33	115.7	8.98
	14	39.50	2.99	63.10	4.79	89.50	6.87	95.80	7.36	102.2	7.88	108.9	8.40	115.7	9.08
	16	39.50	3.01	63.10	4.82	89.50	6.95	95.80	7.47	102.2	8.01	108.9	8.57	115.7	9.31
	18	39.50	3.02	63.10	4.89	89.50	7.14	95.80	7.71	102.2	8.30	108.9	8.93	115.7	9.80
	20	39.50	3.07	63.10	5.06	89.50	7.63	95.80	8.32	102.2	9.04	108.9	9.82	115.7	11.17
	21	44.50	3.65	68.20	5.96	94.40	9.45	100.6	10.45	106.7	11.53	112.9	12.69	119.6	14.70
	23	55.10	9.82	78.20	11.79	104.2	14.46	110.0	15.12	116.1	15.79	121.4	16.44	127.2	17.52
	25	65.90	11.82	88.50	14.25	114.3	17.57	120.0	18.35	125.7	19.20	130.1	19.87	135.1	21.16
	27	76.70	14.51	99.20	17.48	124.7	21.63	130.0	22.59	135.4	23.62	139.0	24.29	151.1	27.39
	29	88.10	18.13	110.0	21.72	135.1	26.80	140.1	27.82	145.4	28.94	154.4	30.89	178.8	37.70
	31	99.60	22.69	121.1	26.59	146.2	32.36	150.7	33.48	163.8	36.87	182.4	42.10	206.4	50.80
	33	111.4	27.82	132.5	32.35	157.3	39.16	173.0	43.94	192.7	50.37	210.7	56.79	234.0	67.76
	35	123.7	34.22	144.1	39.46	184.5	53.12	201.8	59.85	221.4	67.96	238.7	75.79	261.5	89.79
	37	123.7	36.50	144.1	42.11	184.5	56.68	201.8	63.87	221.4	72.53	238.7	80.91	261.5	96.04
	39	123.7	38.96	144.1	44.94	184.5	60.50	201.8	68.16	221.4	77.43	238.7	86.44	261.5	102.9
	41	123.7	41.60	144.1	47.98	184.5	64.54	201.8	72.75	221.4	82.69	238.7	92.45	261.5	110.0
	43	123.7	44.42	144.1	51.25	184.5	68.89	201.8	77.67	221.4	88.40	238.7	99.00	251.5	111.2
	46	123.7	49.02	144.1	56.50	184.5	75.96	201.8	85.75	221.4	97.89	223.3	99.32	220.6	100.6
	48	123.7	52.36	144.1	60.32	184.5	81.13	201.8	91.71	203.8	93.09	203.9	93.13	201.0	94.15
	50	123.7	55.90	144.1	64.35	184.2	86.57	185.4	87.46	185.3	87.38	185.3	87.48	182.6	88.31
	52	123.7	59.68	144.1	68.68	161.9	76.79	162.6	75.81	163.3	74.73	163.9	73.77	163.7	73.89
90	10	35.50	2.69	56.90	4.28	80.60	6.09	86.40	6.54	92.00	6.97	97.90	7.42	104.2	8.00
	12	35.50	2.69	56.90	4.30	80.60	6.12	86.40	6.55	92.00	6.99	97.90	7.48	104.2	8.04
	14	35.50	2.69	56.90	4.30	80.60	6.15	86.40	6.60	92.00	7.06	97.90	7.53	104.2	8.11
	16	35.50	2.69	56.90	4.34	80.60	6.22	86.40	6.68	92.00	7.14	97.90	7.66	104.2	8.28
	18	35.50	2.71	56.90	4.37	80.60	6.36	86.40	6.85	92.00	7.35	97.90	7.91	104.2	8.64
	20	35.50	2.75	56.90	4.48	80.60	6.69	86.40	7.28	92.00	7.88	97.90	8.55	104.2	9.63
	21	40.10	3.23	61.30	5.20	85.00	8.07	90.50	8.85	96.00	9.72	101.7	10.62	107.5	12.74
	23	49.50	9.33	70.50	11.05	93.80	13.34	99.10	13.90	104.6	14.50	109.3	15.02	114.6	15.94
	25	59.20	11.11	79.60	13.19	102.8	16.03	107.9	16.70	113.2	17.39	117.1	17.97	121.8	19.03
	27	69.20	13.47	89.20	15.99	112.2	19.52	116.9	20.32	121.8	21.15	125.1	21.73	136.1	24.30
	29	79.20	16.61	98.90	19.68	121.8	24.04	126.1	24.97	130.8	25.90	138.8	27.54	160.9	33.22
	31	89.60	20.72	108.9	24.08	131.5	28.91	135.7	29.85	147.3	32.66	164.2	36.99	185.7	44.20

40. ARUM860LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	100.3	25.23	119.2	29.03	141.5	34.75	155.8	38.74	173.4	44.04	189.6	49.33	210.7	58.35
	35	111.4	30.77	129.8	35.15	165.9	46.55	181.7	52.11	199.2	58.78	214.8	65.15	235.4	76.46
	37	111.4	32.79	129.8	37.50	165.9	49.68	181.7	55.62	199.2	62.72	214.8	69.54	235.4	81.64
	39	111.4	34.98	129.8	40.04	165.9	53.02	181.7	59.35	199.2	66.95	214.8	74.23	235.4	87.22
	41	111.4	37.37	129.8	42.75	165.9	56.58	181.7	63.33	199.2	71.45	214.8	79.24	235.4	93.30
	43	111.4	39.90	129.8	45.65	165.9	60.40	181.7	67.59	199.2	76.27	214.8	84.67	235.4	99.94
	46	111.4	44.08	129.8	50.39	165.9	66.57	181.7	74.53	199.2	84.20	214.8	93.64	220.7	100.7
	48	111.4	47.11	129.8	53.81	165.9	71.05	181.7	79.58	199.2	90.01	203.8	93.03	201.4	94.31
	50	111.4	50.31	129.8	57.43	165.9	75.83	181.7	85.03	185.3	87.46	185.3	87.37	182.9	88.46
	52	111.4	53.74	129.8	61.31	161.5	77.84	162.1	76.81	162.8	75.72	163.3	74.70	163.3	74.86
80	10	31.50	2.38	50.60	3.80	71.70	5.41	76.60	5.79	81.70	6.18	87.00	6.60	92.50	7.09
	12	31.50	2.38	50.60	3.82	71.70	5.41	76.60	5.81	81.70	6.21	87.00	6.61	92.50	7.12
	14	31.50	2.40	50.60	3.82	71.70	5.44	76.60	5.83	81.70	6.25	87.00	6.66	92.50	7.16
	16	31.50	2.40	50.60	3.82	71.70	5.50	76.60	5.90	81.70	6.31	87.00	6.74	92.50	7.28
	18	31.50	2.40	50.60	3.85	71.70	5.58	76.60	6.00	81.70	6.46	87.00	6.92	92.50	7.52
	20	31.50	2.42	50.60	3.95	71.70	5.82	76.60	6.32	81.70	6.82	87.00	7.36	92.50	8.20
	21	35.80	2.82	54.50	4.50	75.60	6.83	80.30	7.46	85.40	8.14	90.30	8.84	95.60	10.40
	23	44.70	8.93	62.70	10.34	83.50	12.30	88.10	12.76	92.80	13.25	97.10	13.69	101.8	14.48
	25	52.60	10.40	70.90	12.19	91.40	14.60	96.00	15.15	100.4	15.74	104.0	16.19	108.2	17.09
	27	61.40	12.44	79.20	14.60	99.70	17.55	104.0	18.20	108.3	18.90	111.2	19.36	120.8	21.46
	29	70.30	15.16	87.90	17.75	108.2	21.37	112.2	22.14	116.4	22.95	123.3	24.39	143.0	29.11
	31	79.60	18.72	96.80	21.67	116.9	25.72	120.4	26.49	131.1	28.79	146.0	32.33	165.2	38.18
	33	89.20	22.74	106.0	25.94	125.8	30.66	138.4	33.92	154.1	38.26	168.5	42.54	187.1	49.84
	35	98.90	27.55	115.3	31.15	147.6	40.51	161.6	45.05	177.1	50.44	191.0	55.58	209.2	64.63
	37	98.90	29.32	115.3	33.21	147.6	43.22	161.6	48.08	177.1	53.82	191.0	59.29	209.2	68.94
	39	98.90	31.29	115.3	35.46	147.6	46.15	161.6	51.31	177.1	57.44	191.0	63.28	209.2	73.60
	41	98.90	33.40	115.3	37.86	147.6	49.26	161.6	54.76	177.1	61.31	191.0	67.53	209.2	78.57
	43	98.90	35.67	115.3	40.44	147.6	52.59	161.6	58.45	177.1	65.42	191.0	72.07	209.2	83.94
	46	98.90	39.42	115.3	44.66	147.6	58.00	161.6	64.42	177.1	72.13	191.0	79.51	209.2	92.87
	48	98.90	42.12	115.3	47.72	147.6	61.89	161.6	68.75	177.1	77.00	191.0	84.96	201.5	94.34
	50	98.90	45.04	115.3	50.98	147.6	66.04	161.6	73.38	177.1	82.24	185.3	87.44	182.9	88.41
	52	98.90	48.15	115.3	54.45	147.6	70.48	160.7	77.77	162.0	76.98	162.6	75.96	162.7	76.12
70	10	27.60	2.09	44.20	3.34	62.70	4.73	67.00	5.06	71.60	5.41	76.20	5.76	81.00	6.18
	12	27.60	2.09	44.20	3.33	62.70	4.73	67.00	5.08	71.60	5.41	76.20	5.77	81.00	6.19
	14	27.60	2.09	44.20	3.33	62.70	4.76	67.00	5.09	71.60	5.44	76.20	5.79	81.00	6.25
	16	27.60	2.09	44.20	3.34	62.70	4.78	67.00	5.12	71.60	5.48	76.20	5.86	81.00	6.31
	18	27.60	2.11	44.20	3.37	62.70	4.86	67.00	5.21	71.60	5.58	76.20	5.96	81.00	6.48
	20	27.60	2.11	44.20	3.43	62.70	5.01	67.00	5.40	71.60	5.82	76.20	6.26	81.00	6.92
	21	31.20	2.46	47.70	3.86	66.00	5.72	70.30	6.22	74.80	6.73	79.20	7.27	83.60	8.39
	23	38.70	7.63	54.80	9.66	73.10	11.30	77.00	11.69	81.30	12.09	85.00	12.46	89.10	13.11
	25	45.90	9.72	62.00	11.21	79.90	13.21	83.90	13.69	87.90	14.16	91.10	14.54	94.60	15.29
	27	53.70	11.46	69.40	13.27	87.40	15.71	90.90	16.26	94.60	16.81	97.40	17.19	105.7	18.90
	29	61.60	13.76	77.00	15.90	94.60	18.91	98.10	19.52	101.8	20.20	107.9	21.34	125.1	25.32
	31	69.80	16.79	84.60	19.34	102.2	22.74	105.4	23.37	114.7	25.24	127.8	28.06	144.4	32.75
	33	78.00	20.28	92.80	23.03	110.0	26.89	121.2	29.51	134.8	32.96	147.4	36.37	163.8	42.16
	35	86.60	24.47	101.0	27.45	129.0	34.96	141.3	38.57	154.8	42.88	167.1	46.93	183.1	54.05
	37	86.60	26.01	101.0	29.22	129.0	37.30	141.3	41.17	154.8	45.75	167.1	50.08	183.1	57.68
	39	86.60	27.71	101.0	31.19	129.0	39.82	141.3	43.95	154.8	48.84	167.1	53.45	183.1	61.55
	41	86.60	29.58	101.0	33.30	129.0	42.53	141.3	46.92	154.8	52.14	167.1	57.04	183.1	65.68
	43	86.60	31.61	101.0	35.57	129.0	45.41	141.3	50.10	154.8	55.65	167.1	60.88	183.1	70.10
	46	86.60	34.95	101.0	39.32	129.0	50.12	141.3	55.27	154.8	61.35	167.1	67.11	183.1	77.32

40. ARUM860LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	86.60	37.42	101.0	42.03	129.0	53.52	141.3	58.98	154.8	65.47	167.1	71.63	183.1	82.61
	50	86.60	40.06	101.0	44.94	129.0	57.14	141.3	62.95	154.8	69.87	167.1	76.46	182.5	88.04
	52	86.60	42.89	101.0	48.04	129.0	60.99	141.3	67.18	154.8	74.57	161.8	77.66	161.6	77.79
60	10	23.70	1.81	37.90	2.85	53.70	4.05	57.40	4.34	61.30	4.63	65.30	4.92	69.40	5.28
	12	23.70	1.81	37.90	2.85	53.70	4.05	57.40	4.34	61.30	4.63	65.30	4.92	69.40	5.31
	14	23.70	1.80	37.90	2.85	53.70	4.05	57.40	4.34	61.30	4.63	65.30	4.96	69.40	5.31
	16	23.70	1.80	37.90	2.85	53.70	4.08	57.40	4.37	61.30	4.67	65.30	4.98	69.40	5.37
	18	23.70	1.80	37.90	2.88	53.70	4.11	57.40	4.43	61.30	4.73	65.30	5.05	69.40	5.48
	20	23.70	1.82	37.90	2.91	53.70	4.22	57.40	4.54	61.30	4.87	65.30	5.24	69.40	5.74
	21	26.80	2.07	40.90	3.23	56.70	4.72	60.20	5.10	64.10	5.50	67.80	5.92	71.70	6.68
	23	33.00	5.37	46.90	8.05	62.60	10.33	66.00	10.66	69.60	10.98	72.70	11.28	76.40	11.82
	25	40.90	9.23	53.10	10.30	68.60	11.94	72.00	12.31	75.30	12.69	78.10	13.00	81.10	13.60
	27	46.10	10.53	59.40	11.98	74.90	13.99	78.00	14.41	81.30	14.87	83.50	15.16	90.70	16.55
	29	52.80	12.44	65.90	14.18	81.10	16.61	84.20	17.10	87.20	17.62	92.50	18.56	107.2	21.68
	31	59.80	14.93	72.70	17.00	87.70	19.89	90.30	20.43	98.20	21.95	109.6	24.17	123.9	27.84
	33	66.90	17.92	79.50	20.16	94.20	23.39	103.8	25.47	115.7	28.16	126.5	30.81	140.4	35.29
	35	74.20	21.40	86.40	23.93	110.7	29.93	121.2	32.72	132.9	36.04	143.3	39.15	156.9	44.64
	37	74.20	22.71	86.40	25.45	110.7	31.89	121.2	34.90	132.9	38.46	143.3	41.78	156.9	47.64
	39	74.20	24.14	86.40	27.10	110.7	34.02	121.2	37.25	132.9	41.06	143.3	44.61	156.9	50.85
	41	74.20	25.73	86.40	28.93	110.7	36.34	121.2	39.78	132.9	43.84	143.3	47.63	156.9	54.28
	43	74.20	27.47	86.40	30.92	110.7	38.81	121.2	42.50	132.9	46.81	143.3	50.84	156.9	57.93
	46	74.20	30.45	86.40	34.21	110.7	42.88	121.2	46.93	132.9	51.65	143.3	56.08	156.9	63.84
	48	74.20	32.68	86.40	36.64	110.7	45.82	121.2	50.13	132.9	55.13	143.3	59.84	156.9	68.14
	50	74.20	35.06	86.40	39.25	110.7	48.96	121.2	53.52	132.9	58.88	143.3	63.87	156.9	72.74
	52	74.20	37.60	86.40	42.04	110.7	52.33	121.2	57.14	132.9	62.82	143.3	68.16	156.9	77.65
50	10	19.70	1.65	31.60	2.38	44.80	3.37	47.90	3.60	51.20	3.86	54.50	4.09	57.80	4.40
	12	19.70	1.65	31.60	2.38	44.80	3.37	47.90	3.60	51.20	3.85	54.50	4.11	57.80	4.40
	14	19.70	1.65	31.60	2.38	44.80	3.37	47.90	3.62	51.20	3.86	54.50	4.11	57.80	4.41
	16	19.70	1.65	31.60	2.37	44.80	3.39	47.90	3.62	51.20	3.88	54.50	4.14	57.80	4.44
	18	19.70	1.65	31.60	2.40	44.80	3.40	47.90	3.66	51.20	3.91	54.50	4.18	57.80	4.51
	20	19.70	1.67	31.60	2.40	44.80	3.46	47.90	3.72	51.20	3.99	54.50	4.28	57.80	4.64
	21	22.30	1.74	34.00	2.65	47.30	3.80	50.20	4.10	53.40	4.39	56.50	4.70	59.80	5.23
	23	27.60	3.69	39.10	5.47	52.00	9.43	55.10	9.68	58.00	9.95	60.60	10.18	63.70	10.59
	25	38.80	9.21	44.80	9.47	57.30	10.72	59.80	11.01	62.70	11.30	65.10	11.56	67.60	12.02
	27	39.40	9.77	49.50	10.78	62.30	12.35	64.90	12.69	67.70	13.04	69.50	13.28	75.60	14.35
	29	44.00	11.15	54.90	12.54	67.70	14.44	70.20	14.83	72.70	15.22	77.00	15.94	89.30	18.37
	31	49.80	13.16	60.60	14.80	73.10	17.08	75.30	17.52	81.70	18.78	91.30	20.60	103.2	23.43
	33	55.70	15.66	66.30	17.43	78.60	19.99	86.40	21.67	96.40	23.81	105.3	25.80	116.9	29.16
	35	61.90	18.46	72.10	20.45	92.10	25.30	101.0	27.45	110.7	29.93	119.4	32.23	130.8	36.30
	37	61.90	19.51	72.10	21.67	92.10	26.93	101.0	29.22	110.7	31.90	119.4	34.38	130.8	38.73
	39	61.90	20.67	72.10	23.03	92.10	28.71	101.0	31.19	110.7	34.05	119.4	36.69	130.8	41.35
	41	61.90	21.94	72.10	24.53	92.10	30.64	101.0	33.30	110.7	36.34	119.4	39.17	130.8	44.13
	43	61.90	23.36	72.10	26.17	92.10	32.74	101.0	35.57	110.7	38.83	119.4	41.85	130.8	47.12
	46	61.90	25.75	72.10	28.96	92.10	36.22	101.0	39.32	110.7	42.89	119.4	46.22	130.8	52.00
	48	61.90	27.57	72.10	31.06	92.10	38.77	101.0	42.03	110.7	45.83	119.4	49.36	130.8	55.52
	50	61.90	29.54	72.10	33.36	92.10	41.49	101.0	44.94	110.7	48.99	119.4	52.72	130.8	59.26
	52	61.90	31.71	72.10	35.92	92.10	44.37	101.0	48.05	110.7	52.33	119.4	56.31	130.8	63.26

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

40. ARUM860LTE6

40.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	155.6	74.56	154.4	75.19	153.1	75.83	152.6	76.12	152.0	76.45	150.9	77.07
	-24.8	-25	181.2	78.33	179.8	79.04	178.5	79.74	177.9	80.09	177.3	80.45	175.9	81.13
	-21.8	-22	197.1	80.49	195.7	81.26	194.5	82.00	193.7	82.37	193.1	82.74	191.6	83.45
	-19.8	-20	208.4	81.96	207.0	82.74	205.5	83.51	204.7	83.90	204.1	84.28	202.7	85.03
	-18.8	-19	214.3	82.68	212.6	83.49	211.1	84.28	210.4	84.66	209.6	85.05	208.2	85.81
	-16.7	-17	226.1	84.16	224.7	84.98	223.1	85.81	222.1	86.21	221.5	86.60	219.9	87.40
	-15	-15.9	233.5	85.02	231.7	85.87	230.1	86.69	229.4	87.10	228.4	87.50	227.0	88.30
	-13.7	-15	239.9	85.78	238.3	86.65	236.7	87.50	235.9	87.92	235.1	88.35	233.7	89.16
	-11.8	-13	252.1	87.20	250.3	88.08	248.8	88.96	247.8	89.38	247.0	89.81	245.2	90.65
	-9.8	-11	265.8	88.72	263.9	89.63	262.1	90.52	261.3	90.96	260.3	91.39	258.5	92.24
	-9.5	-10	272.3	89.41	270.5	90.35	268.7	91.25	267.7	91.70	266.8	92.16	264.8	93.01
	-8.5	-9.1	278.9	90.13	276.8	91.05	274.9	91.97	273.9	92.43	273.1	92.88	271.2	93.76
	-7	-7.6	289.9	91.29	287.8	92.25	285.9	93.20	284.9	93.65	283.8	94.11	281.9	95.00
	-5	-5.6	305.3	92.87	303.1	93.85	300.9	94.82	299.9	95.29	298.8	95.77	296.6	96.69
	-3	-3.7	320.4	94.39	318.2	95.41	316.0	96.40	314.9	96.89	313.8	97.38	305.4	95.38
	0	-0.7	345.4	96.87	343.0	97.90	340.5	98.90	334.9	97.51	329.5	96.10	308.2	88.96
	3	2.2	370.5	99.26	365.1	99.19	352.2	95.84	341.1	92.37	330.1	88.94	308.2	82.20
	5	4.1	385.6	100.1	374.1	97.59	352.2	90.93	341.1	87.68	330.1	84.44	308.2	78.10
	7	6	395.0	98.45	374.1	92.52	352.2	86.25	341.1	83.16	330.1	80.09	308.2	74.10
	9	7.9	396.2	93.49	374.1	87.46	352.2	81.57	341.1	78.67	330.1	75.81	308.2	70.17
	11	9.8	396.2	88.27	374.1	82.63	352.2	77.09	341.1	74.38	330.1	71.71	308.2	66.43
	13	11.8	396.2	83.01	374.1	77.75	352.2	72.63	341.1	70.08	330.1	67.59	308.2	62.66
	15	13.7	396.2	78.26	374.1	73.37	352.2	68.55	341.1	66.19	330.1	63.85	308.2	59.23
120	-30	-30.2	154.8	74.89	153.7	75.52	152.6	76.14	152.0	76.45	151.5	76.76	150.5	77.37
	-24.8	-25	180.2	78.77	179.1	79.47	177.7	80.18	177.1	80.53	176.5	80.86	175.1	81.53
	-21.8	-22	196.3	81.03	194.9	81.77	193.4	82.51	192.7	82.87	192.0	83.22	190.8	83.93
	-19.8	-20	207.3	82.54	205.9	83.31	204.5	84.07	203.7	84.45	203.0	84.80	201.6	85.55
	-18.8	-19	213.1	83.29	211.5	84.07	210.0	84.86	209.2	85.24	208.6	85.62	207.1	86.37
	-16.7	-17	224.9	84.82	223.5	85.63	221.7	86.44	221.0	86.83	220.3	87.22	218.8	87.99
	-15	-15.9	231.9	85.71	230.5	86.54	228.7	87.37	228.0	87.76	227.2	88.16	225.8	88.96
	-13.7	-15	238.5	86.53	236.9	87.38	235.5	88.22	234.7	88.64	233.7	89.03	232.3	89.84
	-11.8	-13	250.7	87.99	248.9	88.87	247.1	89.72	246.3	90.14	245.6	90.56	243.8	91.37
	-9.8	-11	264.2	89.59	262.1	90.47	260.3	91.35	259.5	91.78	258.5	92.20	256.9	93.05
	-9.5	-10	270.5	90.32	268.7	91.23	266.7	92.12	265.7	92.57	265.0	92.99	263.2	93.84
	-8.5	-9.1	276.9	91.07	274.9	91.99	273.0	92.87	272.0	93.32	271.2	93.76	269.4	94.63
	-7	-7.6	287.7	92.29	285.9	93.22	283.7	94.15	282.7	94.60	281.9	95.05	277.4	94.75
	-5	-5.6	302.7	93.95	300.6	94.93	298.6	95.88	297.6	96.33	295.7	96.35	284.4	92.85
	-3	-3.7	317.8	95.59	315.6	96.57	313.4	97.55	308.7	96.33	303.7	94.92	284.4	88.15
	0	-0.7	342.2	98.21	337.2	98.03	325.0	94.65	314.9	91.23	304.7	87.86	284.4	81.22
	3	2.2	360.9	98.15	345.4	93.71	325.0	87.38	314.9	84.26	304.7	81.18	284.4	75.13
	5	4.1	365.5	95.01	345.4	88.92	325.0	82.97	314.9	80.03	304.7	77.13	284.4	71.44
	7	6	365.5	90.10	345.4	84.34	325.0	78.70	314.9	75.94	304.7	73.20	284.4	67.81
	9	7.9	365.5	85.19	345.4	79.78	325.0	74.50	314.9	71.90	304.7	69.32	284.4	64.26
	11	9.8	365.5	80.48	345.4	75.43	325.0	70.47	314.9	68.03	304.7	65.63	284.4	60.88
	13	11.8	365.5	75.77	345.4	71.06	325.0	66.44	314.9	64.17	304.7	61.92	284.4	57.47

40. ARUM860LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	365.5	71.49	345.4	67.10	325.0	62.77	314.9	60.66	304.7	58.53	284.4	54.40
110	-30	-30.2	154.1	75.29	153.0	75.93	151.9	76.53	151.5	76.85	150.8	77.14	149.7	77.74
	-24.8	-25	179.4	79.31	178.0	79.99	176.9	80.68	176.1	81.01	175.5	81.36	174.3	82.00
	-21.8	-22	195.1	81.63	193.7	82.36	192.3	83.10	191.6	83.45	190.9	83.80	189.8	84.51
	-19.8	-20	206.1	83.20	204.7	83.97	203.3	84.71	202.5	85.07	201.9	85.45	200.4	86.16
	-18.8	-19	211.7	83.99	210.2	84.76	208.8	85.52	208.0	85.90	207.4	86.27	206.0	87.00
	-16.7	-17	223.5	85.59	221.9	86.39	220.3	87.17	219.5	87.56	218.8	87.95	217.4	88.69
	-15	-15.9	230.4	86.52	228.9	87.33	227.2	88.14	226.4	88.53	225.8	88.92	224.2	89.69
	-13.7	-15	236.9	87.39	235.4	88.22	233.9	89.05	233.0	89.45	232.2	89.84	230.8	90.64
	-11.8	-13	248.8	88.91	247.0	89.78	245.4	90.60	244.4	91.02	243.8	91.41	242.0	92.22
	-9.8	-11	262.0	90.58	260.1	91.46	258.3	92.33	257.5	92.72	256.5	93.15	253.4	93.21
	-9.5	-10	268.3	91.37	266.5	92.25	264.6	93.13	263.8	93.55	262.8	93.97	256.8	92.60
	-8.5	-9.1	274.5	92.16	272.6	93.05	270.8	93.92	269.8	94.36	269.0	94.77	260.2	92.03
	-7	-7.6	285.3	93.47	283.3	94.36	281.4	95.27	279.7	95.37	275.1	93.95	260.8	88.70
	-5	-5.6	300.0	95.22	298.0	96.17	292.3	95.32	287.5	93.98	279.5	90.96	260.8	84.09
	-3	-3.7	314.8	96.96	309.7	96.53	297.9	92.98	288.7	89.65	279.5	86.35	260.8	79.88
	0	-0.7	332.2	96.72	316.5	91.81	297.9	85.64	288.7	82.61	279.5	79.60	260.8	73.70
	3	2.2	335.2	90.53	316.5	84.77	297.9	79.16	288.7	76.38	279.5	73.64	260.8	68.26
	5	4.1	335.2	85.92	316.5	80.52	297.9	75.21	288.7	72.61	279.5	70.04	260.8	64.96
	7	6	335.2	81.51	316.5	76.40	297.9	71.38	288.7	68.90	279.5	66.46	260.8	61.67
	9	7.9	335.2	77.14	316.5	72.33	297.9	67.62	288.7	65.31	279.5	63.02	260.8	58.49
	11	9.8	335.2	72.95	316.5	68.45	297.9	64.03	288.7	61.85	279.5	59.71	260.8	55.48
	13	11.8	335.2	68.73	316.5	64.53	297.9	60.42	288.7	58.39	279.5	56.39	260.8	52.42
	15	13.7	335.2	64.92	316.5	61.01	297.9	57.16	288.7	55.24	279.5	53.36	260.8	49.65
100	-30	-30.2	153.3	75.77	152.2	76.37	151.1	77.00	150.5	77.29	150.1	77.58	148.9	78.18
	-24.8	-25	178.3	79.93	176.9	80.60	175.7	81.28	175.1	81.59	174.6	81.94	173.3	82.58
	-21.8	-22	193.7	82.35	192.3	83.08	191.1	83.78	190.4	84.12	189.8	84.47	188.6	85.16
	-19.8	-20	204.7	83.99	203.2	84.74	201.8	85.46	201.1	85.83	200.4	86.19	199.0	86.89
	-18.8	-19	210.2	84.82	208.8	85.57	207.3	86.31	206.6	86.69	205.9	87.04	204.5	87.76
	-16.7	-17	221.7	86.50	220.1	87.27	218.7	88.04	218.0	88.43	217.2	88.78	215.8	89.52
	-15	-15.9	228.6	87.49	227.0	88.28	225.4	89.05	224.6	89.44	223.9	89.82	222.4	90.56
	-13.7	-15	235.0	88.39	233.5	89.22	232.1	90.01	231.4	90.40	230.6	90.81	229.1	91.51
	-11.8	-13	246.6	90.00	245.0	90.83	243.2	91.64	242.5	92.04	241.6	92.43	234.9	90.41
	-9.8	-11	259.4	91.77	257.9	92.62	256.1	93.45	254.3	93.46	250.2	92.08	236.9	86.92
	-9.5	-10	265.7	92.60	263.8	93.45	261.9	94.22	257.7	92.85	253.6	91.52	236.9	84.84
	-8.5	-9.1	271.8	93.43	270.0	94.31	265.3	93.62	260.9	92.28	254.0	89.57	236.9	82.86
	-7	-7.6	282.4	94.82	279.3	95.19	270.9	92.66	262.3	89.35	254.0	86.10	236.9	79.68
	-5	-5.6	295.9	96.25	287.1	93.85	270.9	87.81	262.3	84.71	254.0	81.64	236.9	75.59
	-3	-3.7	303.7	94.92	287.7	89.35	270.9	83.40	262.3	80.45	254.0	77.55	236.9	71.87
	0	-0.7	304.7	87.87	287.7	82.33	270.9	76.91	262.3	74.23	254.0	71.60	236.9	66.39
	3	2.2	304.7	81.18	287.7	76.13	270.9	71.18	262.3	68.75	254.0	66.32	236.9	61.56
	5	4.1	304.7	77.13	287.7	72.38	270.9	67.71	262.3	65.41	254.0	63.13	236.9	58.63
	7	6	304.7	73.20	287.7	68.69	270.9	64.28	262.3	62.10	254.0	59.95	236.9	55.70
	9	7.9	304.7	69.32	287.7	65.11	270.9	60.96	262.3	58.92	254.0	56.88	236.9	52.88
	11	9.8	304.7	65.63	287.7	61.68	270.9	57.78	262.3	55.86	254.0	53.96	236.9	50.20
	13	11.8	304.7	61.92	287.7	58.21	270.9	54.58	262.3	52.77	254.0	50.99	236.9	47.50
	15	13.7	304.7	58.55	287.7	55.07	270.9	51.66	262.3	49.99	254.0	48.32	236.9	45.03

40. ARUM860LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	152.2	76.35	151.1	76.95	150.1	77.55	149.7	77.84	148.9	78.13	148.1	78.71
	-24.8	-25	176.9	80.66	175.7	81.34	174.3	82.00	173.9	82.32	173.2	82.63	172.0	83.27
	-21.8	-22	192.2	83.21	190.8	83.91	189.6	84.60	188.9	84.95	188.2	85.27	187.1	85.94
	-19.8	-20	202.8	84.94	201.4	85.65	200.0	86.36	199.3	86.71	198.8	87.06	197.4	87.74
	-18.8	-19	208.4	85.81	206.8	86.55	205.4	87.26	204.7	87.62	204.0	87.97	202.7	88.66
	-16.7	-17	219.7	87.58	218.2	88.33	216.6	89.09	215.8	89.45	215.0	89.80	210.2	88.39
	-15	-15.9	226.4	88.62	224.8	89.40	223.4	90.15	222.6	90.52	221.3	90.59	213.2	87.56
	-13.7	-15	232.8	89.61	231.3	90.40	229.8	91.17	228.7	91.34	224.9	89.96	213.2	84.99
	-11.8	-13	244.0	91.29	242.4	92.08	238.3	91.55	234.5	90.27	228.5	87.82	213.2	81.26
	-9.8	-11	256.7	93.18	252.8	92.87	243.7	89.74	236.1	86.56	228.5	83.44	213.2	77.28
	-9.5	-10	262.6	94.05	256.0	92.30	243.7	87.58	236.1	84.50	228.5	81.44	213.2	75.47
	-8.5	-9.1	267.0	94.08	259.0	91.60	243.7	85.53	236.1	82.53	228.5	79.57	213.2	73.73
	-7	-7.6	272.6	93.16	259.0	88.05	243.7	82.23	236.1	79.36	228.5	76.53	213.2	70.92
	-5	-5.6	274.2	89.07	259.0	83.48	243.7	77.98	236.1	75.29	228.5	72.62	213.2	67.35
	-3	-3.7	274.2	84.58	259.0	79.31	243.7	74.12	236.1	71.58	228.5	69.05	213.2	64.07
	0	-0.7	274.2	77.99	259.0	73.17	243.7	68.45	236.1	66.14	228.5	63.83	213.2	59.29
	3	2.2	274.2	72.17	259.0	67.77	243.7	63.46	236.1	61.34	228.5	59.23	213.2	55.07
	5	4.1	274.2	68.63	259.0	64.49	243.7	60.42	236.1	58.41	228.5	56.42	213.2	52.48
	7	6	274.2	65.16	259.0	61.24	243.7	57.39	236.1	55.50	228.5	53.62	213.2	49.90
	9	7.9	274.2	61.78	259.0	58.10	243.7	54.48	236.1	52.70	228.5	50.92	213.2	47.43
	11	9.8	274.2	58.56	259.0	55.10	243.7	51.69	236.1	50.02	228.5	48.36	213.2	45.05
	13	11.8	274.2	55.30	259.0	52.07	243.7	48.88	236.1	47.33	228.5	45.75	213.2	42.69
	15	13.7	274.2	52.35	259.0	49.33	243.7	46.33	236.1	44.86	228.5	43.41	213.2	40.53
80	-30	-30.2	151.1	77.04	149.9	77.62	148.9	78.22	148.5	78.50	147.9	78.78	147.0	79.35
	-24.8	-25	175.3	81.57	173.9	82.22	172.8	82.86	172.1	83.17	171.6	83.48	170.6	84.11
	-21.8	-22	190.0	84.27	188.8	84.95	187.5	85.61	187.0	85.93	186.3	86.26	184.2	86.24
	-19.8	-20	200.6	86.07	199.2	86.78	198.0	87.48	197.3	87.81	196.3	87.99	189.6	85.27
	-18.8	-19	206.0	87.01	204.6	87.72	203.2	88.42	202.5	88.75	199.1	87.47	189.6	83.18
	-16.7	-17	217.0	88.89	215.6	89.63	212.0	88.99	208.5	87.75	203.1	85.39	189.6	79.12
	-15	-15.9	223.6	90.01	222.2	90.75	215.4	88.40	209.9	86.00	203.1	82.91	189.6	76.79
	-13.7	-15	230.0	91.07	225.7	90.23	216.8	86.54	209.9	83.47	203.1	80.43	189.6	74.49
	-11.8	-13	238.3	91.52	230.3	88.57	216.8	82.73	209.9	79.82	203.1	76.94	189.6	71.27
	-9.8	-11	243.7	89.74	230.3	84.13	216.8	78.65	209.9	75.93	203.1	73.24	189.6	67.96
	-9.5	-10	243.7	87.58	230.3	82.12	216.8	76.77	209.9	74.15	203.1	71.54	189.6	66.39
	-8.5	-9.1	243.7	85.53	230.3	80.22	216.8	75.02	209.9	72.45	203.1	69.89	189.6	64.87
	-7	-7.6	243.7	82.23	230.3	77.14	216.8	72.16	209.9	69.71	203.1	67.26	189.6	62.46
	-5	-5.6	243.7	77.98	230.3	73.22	216.8	68.52	209.9	66.19	203.1	63.89	189.6	59.36
	-3	-3.7	243.7	74.12	230.3	69.62	216.8	65.16	209.9	63.00	203.1	60.82	189.6	56.54
	0	-0.7	243.7	68.45	230.3	64.34	216.8	60.29	209.9	58.29	203.1	56.32	189.6	52.41
	3	2.2	243.7	63.46	230.3	59.69	216.8	55.99	209.9	54.16	203.1	52.32	189.6	48.75
	5	4.1	243.7	60.42	230.3	56.85	216.8	53.35	209.9	51.61	203.1	49.88	189.6	46.49
	7	6	243.7	57.39	230.3	54.03	216.8	50.71	209.9	49.08	203.1	47.45	189.6	44.24
	9	7.9	243.7	54.48	230.3	51.31	216.8	48.20	209.9	46.65	203.1	45.13	189.6	42.11
	11	9.8	243.7	51.69	230.3	48.71	216.8	45.78	209.9	44.34	203.1	42.89	189.6	40.05
	13	11.8	243.7	48.88	230.3	46.11	216.8	43.37	209.9	42.00	203.1	40.66	189.6	38.01
	15	13.7	243.7	46.33	230.3	43.72	216.8	41.15	209.9	39.88	203.1	38.62	189.6	36.11
70	-30	-30.2	149.5	77.93	148.5	78.49	147.4	79.06	147.0	79.34	146.4	79.63	145.5	80.17

40. ARUM860LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	173.0	82.71	172.0	83.34	170.8	83.94	170.2	84.25	169.8	84.54	164.7	82.50
	-21.8	-22	187.7	85.56	186.3	86.22	184.2	86.20	181.1	84.98	177.7	83.46	165.9	77.40
	-19.8	-20	198.0	87.50	195.7	87.60	189.6	85.27	183.7	82.34	177.7	79.44	165.9	73.69
	-18.8	-19	203.1	88.50	198.5	87.11	189.6	83.18	183.7	80.32	177.7	77.50	165.9	71.90
	-16.7	-17	210.2	88.35	201.5	84.59	189.6	79.12	183.7	76.43	177.7	73.74	165.9	68.45
	-15	-15.9	213.2	87.56	201.5	82.15	189.6	76.79	183.7	74.14	177.7	71.52	165.9	66.34
	-13.7	-15	213.2	85.00	201.5	79.70	189.6	74.50	183.7	71.92	177.7	69.38	165.9	64.36
	-11.8	-13	213.2	81.26	201.5	76.21	189.6	71.27	183.7	68.80	177.7	66.39	165.9	61.62
	-9.8	-11	213.2	77.29	201.5	72.57	189.6	67.96	183.7	65.67	177.7	63.38	165.9	58.84
	-9.5	-10	213.2	75.47	201.5	70.89	189.6	66.39	183.7	64.16	177.7	61.95	165.9	57.62
	-8.5	-9.1	213.2	73.73	201.5	69.27	189.6	64.87	183.7	62.71	177.7	60.56	165.9	56.33
	-7	-7.6	213.2	70.92	201.5	66.66	189.6	62.46	183.7	60.39	177.7	58.34	165.9	54.27
	-5	-5.6	213.2	67.35	201.5	63.32	189.6	59.37	183.7	57.41	177.7	55.48	165.9	51.64
	-3	-3.7	213.2	64.07	201.5	60.29	189.6	56.54	183.7	54.69	177.7	52.87	165.9	49.24
	0	-0.7	213.2	59.29	201.5	55.83	189.6	52.41	183.7	50.71	177.7	49.04	165.9	45.72
	3	2.2	213.2	55.07	201.5	51.89	189.6	48.75	183.7	47.20	177.7	45.67	165.9	42.61
	5	4.1	213.2	52.48	201.5	49.46	189.6	46.49	183.7	45.00	177.7	43.56	165.9	40.68
	7	6	213.2	49.90	201.5	47.06	189.6	44.24	183.7	42.87	177.7	41.49	165.9	38.76
	9	7.9	213.2	47.43	201.5	44.75	189.6	42.11	183.7	40.81	177.7	39.51	165.9	36.95
	11	9.8	213.2	45.05	201.5	42.54	189.6	40.05	183.7	38.83	177.7	37.60	165.9	35.20
	13	11.8	213.2	42.69	201.5	40.32	189.6	38.01	183.7	36.85	177.7	35.70	165.9	33.43
	15	13.7	213.2	40.53	201.5	38.31	189.6	36.11	183.7	35.03	177.7	33.97	165.9	31.82
60	-30	-30.2	147.3	79.06	146.5	79.63	145.5	80.17	145.0	80.44	144.4	80.71	140.7	79.00
	-24.8	-25	170.4	84.17	168.1	83.94	162.6	81.48	157.4	78.73	152.3	75.99	142.3	70.58
	-21.8	-22	180.8	84.78	172.7	80.85	162.6	75.70	157.4	73.14	152.3	70.63	142.3	65.62
	-19.8	-20	182.8	81.92	172.7	76.96	162.6	72.07	157.4	69.67	152.3	67.28	142.3	62.54
	-18.8	-19	182.8	79.92	172.7	75.09	162.6	70.35	157.4	67.99	152.3	65.65	142.3	61.05
	-16.7	-17	182.8	76.03	172.7	71.47	162.6	66.97	157.4	64.73	152.3	62.53	142.3	58.18
	-15	-15.9	182.8	73.77	172.7	69.30	162.6	64.89	157.4	62.72	152.3	60.56	142.3	56.29
	-13.7	-15	182.8	71.57	172.7	67.24	162.6	62.97	157.4	60.86	152.3	58.77	142.3	54.66
	-11.8	-13	182.8	68.47	172.7	64.32	162.6	60.26	157.4	58.25	152.3	56.27	142.3	52.34
	-9.8	-11	182.8	65.33	172.7	61.42	162.6	57.56	157.4	55.64	152.3	53.75	142.3	50.01
	-9.5	-10	182.8	63.83	172.7	60.08	162.6	56.39	157.4	54.54	152.3	52.74	142.3	49.13
	-8.5	-9.1	182.8	62.40	172.7	58.73	162.6	55.14	157.4	53.35	152.3	51.58	142.3	48.07
	-7	-7.6	182.8	60.10	172.7	56.59	162.6	53.13	157.4	51.42	152.3	49.72	142.3	46.35
	-5	-5.6	182.8	57.12	172.7	53.83	162.6	50.56	157.4	48.95	152.3	47.34	142.3	44.18
	-3	-3.7	182.8	54.44	172.7	51.30	162.6	48.21	157.4	46.69	152.3	45.17	142.3	42.17
	0	-0.7	182.8	50.47	172.7	47.62	162.6	44.79	157.4	43.38	152.3	42.00	142.3	39.24
	3	2.2	182.8	46.98	172.7	44.36	162.6	41.75	157.4	40.48	152.3	39.19	142.3	36.67
	5	4.1	182.8	44.81	172.7	42.32	162.6	39.86	157.4	38.63	152.3	37.42	142.3	35.03
	7	6	182.8	42.66	172.7	40.33	162.6	37.99	157.4	36.86	152.3	35.70	142.3	33.44
	9	7.9	182.8	40.63	172.7	38.41	162.6	36.22	157.4	35.13	152.3	34.05	142.3	31.92
	11	9.8	182.8	38.66	172.7	36.58	162.6	34.51	157.4	33.49	152.3	32.49	142.3	30.48
	13	11.8	182.8	36.68	172.7	34.72	162.6	32.80	157.4	31.84	152.3	30.88	142.3	29.00
	15	13.7	182.8	34.89	172.7	33.03	162.6	31.22	157.4	30.34	152.3	29.44	142.3	27.67
50	-30	-30.2	144.6	80.61	141.6	79.39	135.4	76.05	131.2	73.52	126.9	70.99	118.6	66.03
	-24.8	-25	152.3	75.99	144.0	71.48	135.4	67.03	131.2	64.82	126.9	62.64	118.6	58.31

40. ARUM860LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	152.3	70.63	144.0	66.47	135.4	62.35	131.2	60.32	126.9	58.31	118.6	54.32
	-19.8	-20	152.3	67.28	144.0	63.32	135.4	59.42	131.2	57.51	126.9	55.61	118.6	51.81
	-18.8	-19	152.3	65.67	144.0	61.81	135.4	58.02	131.2	56.15	126.9	54.29	118.6	50.60
	-16.7	-17	152.3	62.53	144.0	58.89	135.4	55.30	131.2	53.53	126.9	51.76	118.6	48.27
	-15	-15.9	152.3	60.56	144.0	57.00	135.4	53.52	131.2	51.77	126.9	50.06	118.6	46.68
	-13.7	-15	152.3	58.77	144.0	55.32	135.4	51.95	131.2	50.28	126.9	48.61	118.6	45.33
	-11.8	-13	152.3	56.27	144.0	52.98	135.4	49.76	131.2	48.16	126.9	46.57	118.6	43.45
	-9.8	-11	152.3	53.75	144.0	50.64	135.4	47.57	131.2	46.05	126.9	44.53	118.6	41.56
	-9.5	-10	152.3	52.74	144.0	49.74	135.4	46.77	131.2	45.31	126.9	43.86	118.6	40.97
	-8.5	-9.1	152.3	51.58	144.0	48.66	135.4	45.77	131.2	44.34	126.9	42.92	118.6	40.10
	-7	-7.6	152.3	49.72	144.0	46.91	135.4	44.14	131.2	42.79	126.9	41.43	118.6	38.74
	-5	-5.6	152.3	47.34	144.0	44.71	135.4	42.08	131.2	40.79	126.9	39.51	118.6	36.96
	-3	-3.7	152.3	45.17	144.0	42.69	135.4	40.22	131.2	38.98	126.9	37.76	118.6	35.35
	0	-0.7	152.3	42.00	144.0	39.71	135.4	37.43	131.2	36.31	126.9	35.20	118.6	32.99
	3	2.2	152.3	39.20	144.0	37.08	135.4	35.00	131.2	33.98	126.9	32.94	118.6	30.90
	5	4.1	152.3	37.42	144.0	35.44	135.4	33.45	131.2	32.47	126.9	31.50	118.6	29.58
	7	6	152.3	35.70	144.0	33.82	135.4	31.96	131.2	31.02	126.9	30.12	118.6	28.30
	9	7.9	152.3	34.05	144.0	32.28	135.4	30.52	131.2	29.64	126.9	28.78	118.6	27.07
	11	9.8	152.3	32.49	144.0	30.81	135.4	29.14	131.2	28.33	126.9	27.51	118.6	25.89
	13	11.8	152.3	30.88	144.0	29.31	135.4	27.76	131.2	26.98	126.9	26.21	118.6	24.69
	15	13.7	152.3	29.44	144.0	27.95	135.4	26.48	131.2	25.78	126.9	25.05	118.6	23.60

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

40. ARUM860LTE6

40.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	155.6	74.56	154.4	75.19	153.1	75.83	152.6	76.12	152.0	76.45	150.9	77.07
	-24.8	-25	181.2	78.33	179.8	79.04	178.5	79.74	177.9	80.09	177.3	80.45	175.9	81.13
	-21.8	-22	197.1	80.49	195.7	81.26	194.5	82.00	193.7	82.37	193.1	82.74	191.6	83.45
	-19.8	-20	208.4	81.96	207.0	82.74	205.5	83.51	204.7	83.90	204.1	84.28	202.7	85.03
	-18.8	-19	214.3	82.68	212.6	83.49	211.1	84.28	210.4	84.66	209.6	85.05	208.2	85.81
	-16.7	-17	226.1	84.16	224.7	84.98	223.1	85.81	222.1	86.21	221.5	86.60	219.9	87.40
	-15	-15.9	233.5	85.02	231.7	85.87	230.1	86.69	229.4	87.10	228.4	87.50	227.0	88.30
	-13.7	-15	239.9	85.78	238.3	86.65	236.7	87.50	235.9	87.92	235.1	88.35	233.7	89.16
	-11.8	-13	252.1	87.20	250.3	88.08	248.8	88.96	247.8	89.38	247.0	89.81	245.2	90.65
	-9.8	-11	265.8	88.72	263.9	89.63	262.1	90.52	261.3	90.96	260.3	91.39	258.5	92.24
	-9.5	-10	272.3	89.41	270.5	90.35	268.7	91.25	267.7	91.70	266.8	92.16	264.8	93.01
	-8.5	-9.1	278.9	90.13	276.8	91.05	274.9	91.97	273.9	92.43	273.1	92.88	271.2	93.76
	-7	-7.6	289.9	91.29	287.8	92.25	285.9	93.20	284.9	93.65	283.8	94.11	281.9	95.00
	-5	-5.6	305.3	92.87	303.1	93.85	300.9	94.82	299.9	95.29	298.8	95.77	296.6	96.69
	-3	-3.7	320.4	94.39	318.2	95.41	316.0	96.40	314.9	96.89	313.8	97.38	305.4	95.38
	0	-0.7	345.4	96.87	343.0	97.90	340.5	98.90	334.9	97.51	329.5	96.10	308.2	88.96
	3	2.2	370.5	99.26	365.1	99.19	352.2	95.84	341.1	92.37	330.1	88.94	308.2	82.20
	5	4.1	374.9	95.72	352.6	89.15	330.5	82.71	319.4	79.55	308.2	76.42	285.9	70.28
	7	6	353.2	82.62	330.7	76.60	308.2	70.75	297.1	67.87	285.6	65.02	263.1	59.41
	9	7.9	330.7	70.52	308.1	65.14	285.2	59.84	273.8	57.25	262.3	54.69	239.4	49.63
	11	9.8	307.4	59.62	284.6	54.81	261.5	50.08	250.0	47.77	238.3	45.45	215.0	40.91
	13	11.8	283.4	49.71	260.2	45.44	236.9	41.27	225.3	39.21	213.6	37.16	189.8	33.14
	15	13.7	258.4	41.03	235.1	37.29	211.5	33.60	199.6	31.77	187.8	29.98	163.8	26.42
120	-30	-30.2	154.8	74.89	153.7	75.52	152.6	76.14	152.0	76.45	151.5	76.76	150.5	77.37
	-24.8	-25	180.2	78.77	179.1	79.47	177.7	80.18	177.1	80.53	176.5	80.86	175.1	81.53
	-21.8	-22	196.3	81.03	194.9	81.77	193.4	82.51	192.7	82.87	192.0	83.22	190.8	83.93
	-19.8	-20	207.3	82.54	205.9	83.31	204.5	84.07	203.7	84.45	203.0	84.80	201.6	85.55
	-18.8	-19	213.1	83.29	211.5	84.07	210.0	84.86	209.2	85.24	208.6	85.62	207.1	86.37
	-16.7	-17	224.9	84.82	223.5	85.63	221.7	86.44	221.0	86.83	220.3	87.22	218.8	87.99
	-15	-15.9	231.9	85.71	230.5	86.54	228.7	87.37	228.0	87.76	227.2	88.16	225.8	88.96
	-13.7	-15	238.5	86.53	236.9	87.38	235.5	88.22	234.7	88.64	233.7	89.03	232.3	89.84
	-11.8	-13	250.7	87.99	248.9	88.87	247.1	89.72	246.3	90.14	245.6	90.56	243.8	91.37
	-9.8	-11	264.2	89.59	262.1	90.47	260.3	91.35	259.5	91.78	258.5	92.20	256.9	93.05
	-9.5	-10	270.5	90.32	268.7	91.23	266.7	92.12	265.7	92.57	265.0	92.99	263.2	93.84
	-8.5	-9.1	276.9	91.07	274.9	91.99	273.0	92.87	272.0	93.32	271.2	93.76	269.4	94.63
	-7	-7.6	287.7	92.29	285.9	93.22	283.7	94.15	282.7	94.60	281.9	95.05	277.4	94.75
	-5	-5.6	302.7	93.95	300.6	94.93	298.6	95.88	297.6	96.33	295.7	96.35	284.4	92.85
	-3	-3.7	317.8	95.59	315.6	96.57	313.4	97.55	308.7	96.33	303.7	94.92	284.4	88.15
	0	-0.7	342.2	98.21	337.2	98.03	325.0	94.65	314.9	91.23	304.7	87.86	284.4	81.22
	3	2.2	360.9	98.15	345.4	93.71	325.0	87.38	314.9	84.26	304.7	81.18	284.4	75.13
	5	4.1	346.1	87.21	325.7	81.31	305.1	75.54	294.9	72.70	284.6	69.89	264.0	64.37
	7	6	326.0	75.35	305.3	69.98	284.6	64.73	274.2	62.12	263.7	59.58	242.9	54.51
	9	7.9	305.3	64.46	284.2	59.63	263.3	54.89	252.9	52.55	242.2	50.23	221.1	45.66
	11	9.8	283.8	54.64	262.7	50.31	241.4	46.05	230.8	43.96	220.1	41.87	198.6	37.77
	13	11.8	261.5	45.68	240.2	41.83	218.7	38.05	207.9	36.20	197.1	34.36	175.2	30.71

40. ARUM860LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	238.6	37.83	216.9	34.44	195.3	31.10	184.3	29.47	173.4	27.83	151.1	24.61
110	-30	-30.2	154.1	75.29	153.0	75.93	151.9	76.53	151.5	76.85	150.8	77.14	149.7	77.74
	-24.8	-25	179.4	79.31	178.0	79.99	176.9	80.68	176.1	81.01	175.5	81.36	174.3	82.00
	-21.8	-22	195.1	81.63	193.7	82.36	192.3	83.10	191.6	83.45	190.9	83.80	189.8	84.51
	-19.8	-20	206.1	83.20	204.7	83.97	203.3	84.71	202.5	85.07	201.9	85.45	200.4	86.16
	-18.8	-19	211.7	83.99	210.2	84.76	208.8	85.52	208.0	85.90	207.4	86.27	206.0	87.00
	-16.7	-17	223.5	85.59	221.9	86.39	220.3	87.17	219.5	87.56	218.8	87.95	217.4	88.69
	-15	-15.9	230.4	86.52	228.9	87.33	227.2	88.14	226.4	88.53	225.8	88.92	224.2	89.69
	-13.7	-15	236.9	87.39	235.4	88.22	233.9	89.05	233.0	89.45	232.2	89.84	230.8	90.64
	-11.8	-13	248.8	88.91	247.0	89.78	245.4	90.60	244.4	91.02	243.8	91.41	242.0	92.22
	-9.8	-11	262.0	90.58	260.1	91.46	258.3	92.33	257.5	92.72	256.5	93.15	253.4	93.21
	-9.5	-10	268.3	91.37	266.5	92.25	264.6	93.13	263.8	93.55	262.8	93.97	256.8	92.60
	-8.5	-9.1	274.5	92.16	272.6	93.05	270.8	93.92	269.8	94.36	269.0	94.77	260.2	92.03
	-7	-7.6	285.3	93.47	283.3	94.36	281.4	95.27	279.7	95.37	275.1	93.95	260.8	88.70
	-5	-5.6	300.0	95.22	298.0	96.17	292.3	95.32	287.5	93.98	279.5	90.96	260.8	84.09
	-3	-3.7	314.8	96.96	309.7	96.53	297.9	92.98	288.7	89.65	279.5	86.35	260.8	79.88
	0	-0.7	332.2	96.72	316.5	91.81	297.9	85.64	288.7	82.61	279.5	79.60	260.8	73.70
	3	2.2	335.2	90.53	316.5	84.77	297.9	79.16	288.7	76.38	279.5	73.64	260.8	68.26
	5	4.1	317.2	78.95	298.5	73.72	279.7	68.58	270.3	66.06	260.9	63.55	241.9	58.60
	7	6	298.8	68.34	279.9	63.56	260.9	58.87	251.2	56.57	241.8	54.26	222.6	49.76
	9	7.9	279.9	58.58	260.6	54.27	241.4	50.05	231.8	47.96	222.1	45.89	202.5	41.79
	11	9.8	260.1	49.79	240.8	45.91	221.4	42.11	211.5	40.23	201.7	38.38	182.0	34.69
	13	11.8	239.7	41.75	220.1	38.32	200.6	34.94	190.6	33.25	180.6	31.62	160.6	28.33
	15	13.7	218.6	34.69	198.8	31.67	178.9	28.67	168.9	27.19	158.7	25.72	138.4	22.83
100	-30	-30.2	153.3	75.77	152.2	76.37	151.1	77.00	150.5	77.29	150.1	77.58	148.9	78.18
	-24.8	-25	178.3	79.93	176.9	80.60	175.7	81.28	175.1	81.59	174.6	81.94	173.3	82.58
	-21.8	-22	193.7	82.35	192.3	83.08	191.1	83.78	190.4	84.12	189.8	84.47	188.6	85.16
	-19.8	-20	204.7	83.99	203.2	84.74	201.8	85.46	201.1	85.83	200.4	86.19	199.0	86.89
	-18.8	-19	210.2	84.82	208.8	85.57	207.3	86.31	206.6	86.69	205.9	87.04	204.5	87.76
	-16.7	-17	221.7	86.50	220.1	87.27	218.7	88.04	218.0	88.43	217.2	88.78	215.8	89.52
	-15	-15.9	228.6	87.49	227.0	88.28	225.4	89.05	224.6	89.44	223.9	89.82	222.4	90.56
	-13.7	-15	235.0	88.39	233.5	89.22	232.1	90.01	231.4	90.40	230.6	90.81	229.1	91.51
	-11.8	-13	246.6	90.00	245.0	90.83	243.2	91.64	242.5	92.04	241.6	92.43	234.9	90.41
	-9.8	-11	259.4	91.77	257.9	92.62	256.1	93.45	254.3	93.46	250.2	92.08	236.9	86.92
	-9.5	-10	265.7	92.60	263.8	93.45	261.9	94.22	257.7	92.85	253.6	91.52	236.9	84.84
	-8.5	-9.1	271.8	93.43	270.0	94.31	265.3	93.62	260.9	92.28	254.0	89.57	236.9	82.86
	-7	-7.6	282.4	94.82	279.3	95.19	270.9	92.66	262.3	89.35	254.0	86.10	236.9	79.68
	-5	-5.6	295.9	96.25	287.1	93.85	270.9	87.81	262.3	84.71	254.0	81.64	236.9	75.59
	-3	-3.7	303.7	94.92	287.7	89.35	270.9	83.40	262.3	80.45	254.0	77.55	236.9	71.87
	0	-0.7	304.7	87.87	287.7	82.33	270.9	76.91	262.3	74.23	254.0	71.60	236.9	66.39
	3	2.2	304.7	81.18	287.7	76.13	270.9	71.18	262.3	68.75	254.0	66.32	236.9	61.56
	5	4.1	288.5	70.96	271.3	66.35	254.3	61.83	245.7	59.58	237.1	57.37	219.9	52.97
	7	6	271.7	61.52	254.5	57.31	237.1	53.17	228.5	51.13	219.7	49.10	202.5	45.09
	9	7.9	254.4	52.88	236.9	49.08	219.3	45.33	210.7	43.48	201.8	41.65	184.2	38.03
	11	9.8	236.5	45.07	218.9	41.66	201.1	38.27	192.3	36.61	183.4	34.96	165.5	31.69
	13	11.8	217.9	37.91	200.3	34.87	182.4	31.87	173.4	30.38	164.2	28.92	146.0	25.99
	15	13.7	198.8	31.64	180.8	28.93	162.7	26.29	153.6	24.97	144.4	23.66	125.8	21.08

40. ARUM860LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	152.2	76.35	151.1	76.95	150.1	77.55	149.7	77.84	148.9	78.13	148.1	78.71
	-24.8	-25	176.9	80.66	175.7	81.34	174.3	82.00	173.9	82.32	173.2	82.63	172.0	83.27
	-21.8	-22	192.2	83.21	190.8	83.91	189.6	84.60	188.9	84.95	188.2	85.27	187.1	85.94
	-19.8	-20	202.8	84.94	201.4	85.65	200.0	86.36	199.3	86.71	198.8	87.06	197.4	87.74
	-18.8	-19	208.4	85.81	206.8	86.55	205.4	87.26	204.7	87.62	204.0	87.97	202.7	88.66
	-16.7	-17	219.7	87.58	218.2	88.33	216.6	89.09	215.8	89.45	215.0	89.80	210.2	88.39
	-15	-15.9	226.4	88.62	224.8	89.40	223.4	90.15	222.6	90.52	221.3	90.59	213.2	87.56
	-13.7	-15	232.8	89.61	231.3	90.40	229.8	91.17	228.7	91.34	224.9	89.96	213.2	84.99
	-11.8	-13	244.0	91.29	242.4	92.08	238.3	91.55	234.5	90.27	228.5	87.82	213.2	81.26
	-9.8	-11	256.7	93.18	252.8	92.87	243.7	89.74	236.1	86.56	228.5	83.44	213.2	77.28
	-9.5	-10	262.6	94.05	256.0	92.30	243.7	87.58	236.1	84.50	228.5	81.44	213.2	75.47
	-8.5	-9.1	267.0	94.08	259.0	91.60	243.7	85.53	236.1	82.53	228.5	79.57	213.2	73.73
	-7	-7.6	272.6	93.16	259.0	88.05	243.7	82.23	236.1	79.36	228.5	76.53	213.2	70.92
	-5	-5.6	274.2	89.07	259.0	83.48	243.7	77.98	236.1	75.29	228.5	72.62	213.2	67.35
	-3	-3.7	274.2	84.58	259.0	79.31	243.7	74.12	236.1	71.58	228.5	69.05	213.2	64.07
	0	-0.7	274.2	77.99	259.0	73.17	243.7	68.45	236.1	66.14	228.5	63.83	213.2	59.29
	3	2.2	274.2	72.17	259.0	67.77	243.7	63.46	236.1	61.34	228.5	59.23	213.2	55.07
	5	4.1	259.5	63.23	244.3	59.20	228.9	55.24	221.1	53.28	213.5	51.34	197.8	47.49
	7	6	244.5	54.92	229.0	51.25	213.5	47.62	205.6	45.85	197.8	44.07	182.1	40.57
	9	7.9	228.9	47.34	213.2	44.03	197.4	40.73	189.6	39.13	181.7	37.51	165.9	34.32
	11	9.8	212.8	40.49	197.0	37.48	181.0	34.53	173.0	33.07	165.1	31.62	149.0	28.73
	13	11.8	196.1	34.20	180.2	31.52	164.1	28.89	155.9	27.58	147.9	26.28	131.5	23.70
	15	13.7	178.8	28.66	162.7	26.29	146.5	23.96	138.2	22.79	130.0	21.64	113.2	19.35
80	-30	-30.2	151.1	77.04	149.9	77.62	148.9	78.22	148.5	78.50	147.9	78.78	147.0	79.35
	-24.8	-25	175.3	81.57	173.9	82.22	172.8	82.86	172.1	83.17	171.6	83.48	170.6	84.11
	-21.8	-22	190.0	84.27	188.8	84.95	187.5	85.61	187.0	85.93	186.3	86.26	184.2	86.24
	-19.8	-20	200.6	86.07	199.2	86.78	198.0	87.48	197.3	87.81	196.3	87.99	189.6	85.27
	-18.8	-19	206.0	87.01	204.6	87.72	203.2	88.42	202.5	88.75	199.1	87.47	189.6	83.18
	-16.7	-17	217.0	88.89	215.6	89.63	212.0	88.99	208.5	87.75	203.1	85.39	189.6	79.12
	-15	-15.9	223.6	90.01	222.2	90.75	215.4	88.40	209.9	86.00	203.1	82.91	189.6	76.79
	-13.7	-15	230.0	91.07	225.7	90.23	216.8	86.54	209.9	83.47	203.1	80.43	189.6	74.49
	-11.8	-13	238.3	91.52	230.3	88.57	216.8	82.73	209.9	79.82	203.1	76.94	189.6	71.27
	-9.8	-11	243.7	89.74	230.3	84.13	216.8	78.65	209.9	75.93	203.1	73.24	189.6	67.96
	-9.5	-10	243.7	87.58	230.3	82.12	216.8	76.77	209.9	74.15	203.1	71.54	189.6	66.39
	-8.5	-9.1	243.7	85.53	230.3	80.22	216.8	75.02	209.9	72.45	203.1	69.89	189.6	64.87
	-7	-7.6	243.7	82.23	230.3	77.14	216.8	72.16	209.9	69.71	203.1	67.26	189.6	62.46
	-5	-5.6	243.7	77.98	230.3	73.22	216.8	68.52	209.9	66.19	203.1	63.89	189.6	59.36
	-3	-3.7	243.7	74.12	230.3	69.62	216.8	65.16	209.9	63.00	203.1	60.82	189.6	56.54
	0	-0.7	243.7	68.45	230.3	64.34	216.8	60.29	209.9	58.29	203.1	56.32	189.6	52.41
	3	2.2	243.7	63.46	230.3	59.69	216.8	55.99	209.9	54.16	203.1	52.32	189.6	48.75
	5	4.1	230.8	55.73	217.1	52.27	203.5	48.84	196.6	47.15	189.6	45.48	175.9	42.17
	7	6	217.4	48.53	203.5	45.38	189.6	42.25	182.8	40.70	175.9	39.18	161.9	36.16
	9	7.9	203.5	41.97	189.6	39.11	175.5	36.26	168.5	34.87	161.6	33.47	147.3	30.71
	11	9.8	189.2	36.02	175.1	33.44	160.9	30.88	153.8	29.60	146.6	28.36	132.3	25.85
	13	11.8	174.4	30.57	160.1	28.25	145.8	25.96	138.6	24.83	131.5	23.70	116.8	21.47
	15	13.7	159.1	25.75	144.7	23.69	130.1	21.67	122.9	20.66	115.5	19.64	100.7	17.65
70	-30	-30.2	149.5	77.93	148.5	78.49	147.4	79.06	147.0	79.34	146.4	79.63	145.5	80.17

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	173.0	82.71	172.0	83.34	170.8	83.94	170.2	84.25	169.8	84.54	164.7	82.50
	-21.8	-22	187.7	85.56	186.3	86.22	184.2	86.20	181.1	84.98	177.7	83.46	165.9	77.40
	-19.8	-20	198.0	87.50	195.7	87.60	189.6	85.27	183.7	82.34	177.7	79.44	165.9	73.69
	-18.8	-19	203.1	88.50	198.5	87.11	189.6	83.18	183.7	80.32	177.7	77.50	165.9	71.90
	-16.7	-17	210.2	88.35	201.5	84.59	189.6	79.12	183.7	76.43	177.7	73.74	165.9	68.45
	-15	-15.9	213.2	87.56	201.5	82.15	189.6	76.79	183.7	74.14	177.7	71.52	165.9	66.34
	-13.7	-15	213.2	85.00	201.5	79.70	189.6	74.50	183.7	71.92	177.7	69.38	165.9	64.36
	-11.8	-13	213.2	81.26	201.5	76.21	189.6	71.27	183.7	68.80	177.7	66.39	165.9	61.62
	-9.8	-11	213.2	77.29	201.5	72.57	189.6	67.96	183.7	65.67	177.7	63.38	165.9	58.84
	-9.5	-10	213.2	75.47	201.5	70.89	189.6	66.39	183.7	64.16	177.7	61.95	165.9	57.62
	-8.5	-9.1	213.2	73.73	201.5	69.27	189.6	64.87	183.7	62.71	177.7	60.56	165.9	56.33
	-7	-7.6	213.2	70.92	201.5	66.66	189.6	62.46	183.7	60.39	177.7	58.34	165.9	54.27
	-5	-5.6	213.2	67.35	201.5	63.32	189.6	59.37	183.7	57.41	177.7	55.48	165.9	51.64
	-3	-3.7	213.2	64.07	201.5	60.29	189.6	56.54	183.7	54.69	177.7	52.87	165.9	49.24
	0	-0.7	213.2	59.29	201.5	55.83	189.6	52.41	183.7	50.71	177.7	49.04	165.9	45.72
	3	2.2	213.2	55.07	201.5	51.89	189.6	48.75	183.7	47.20	177.7	45.67	165.9	42.61
	5	4.1	201.9	48.49	190.0	45.55	178.1	42.65	172.0	41.22	165.9	39.79	154.0	36.99
	7	6	190.2	42.35	178.1	39.68	165.9	37.04	159.9	35.72	153.8	34.43	141.5	31.84
	9	7.9	178.1	36.78	165.9	34.33	153.7	31.93	147.6	30.75	141.3	29.56	129.0	27.20
	11	9.8	165.5	31.69	153.3	29.50	140.9	27.32	134.7	26.25	128.4	25.16	115.7	23.03
	13	11.8	152.6	27.02	140.1	25.06	127.6	23.13	121.4	22.14	115.0	21.19	102.2	19.26
	15	13.7	139.1	22.93	126.5	21.16	113.9	19.43	107.5	18.56	101.1	17.72	88.10	16.00
60	-30	-30.2	147.3	79.06	146.5	79.63	145.5	80.17	145.0	80.44	144.4	80.71	140.7	79.00
	-24.8	-25	170.4	84.17	168.1	83.94	162.6	81.48	157.4	78.73	152.3	75.99	142.3	70.58
	-21.8	-22	180.8	84.78	172.7	80.85	162.6	75.70	157.4	73.14	152.3	70.63	142.3	65.62
	-19.8	-20	182.8	81.92	172.7	76.96	162.6	72.07	157.4	69.67	152.3	67.28	142.3	62.54
	-18.8	-19	182.8	79.92	172.7	75.09	162.6	70.35	157.4	67.99	152.3	65.65	142.3	61.05
	-16.7	-17	182.8	76.03	172.7	71.47	162.6	66.97	157.4	64.73	152.3	62.53	142.3	58.18
	-15	-15.9	182.8	73.77	172.7	69.30	162.6	64.89	157.4	62.72	152.3	60.56	142.3	56.29
	-13.7	-15	182.8	71.57	172.7	67.24	162.6	62.97	157.4	60.86	152.3	58.77	142.3	54.66
	-11.8	-13	182.8	68.47	172.7	64.32	162.6	60.26	157.4	58.25	152.3	56.27	142.3	52.34
	-9.8	-11	182.8	65.33	172.7	61.42	162.6	57.56	157.4	55.64	152.3	53.75	142.3	50.01
	-9.5	-10	182.8	63.83	172.7	60.08	162.6	56.39	157.4	54.54	152.3	52.74	142.3	49.13
	-8.5	-9.1	182.8	62.40	172.7	58.73	162.6	55.14	157.4	53.35	152.3	51.58	142.3	48.07
	-7	-7.6	182.8	60.10	172.7	56.59	162.6	53.13	157.4	51.42	152.3	49.72	142.3	46.35
	-5	-5.6	182.8	57.12	172.7	53.83	162.6	50.56	157.4	48.95	152.3	47.34	142.3	44.18
	-3	-3.7	182.8	54.44	172.7	51.30	162.6	48.21	157.4	46.69	152.3	45.17	142.3	42.17
	0	-0.7	182.8	50.47	172.7	47.62	162.6	44.79	157.4	43.38	152.3	42.00	142.3	39.24
	3	2.2	182.8	46.98	172.7	44.36	162.6	41.75	157.4	40.48	152.3	39.19	142.3	36.67
	5	4.1	173.0	41.47	162.8	39.06	152.6	36.65	147.4	35.46	142.3	34.29	131.9	31.95
	7	6	163.0	36.39	152.7	34.16	142.3	31.97	137.2	30.89	131.9	29.82	121.4	27.67
	9	7.9	152.6	31.73	142.3	29.71	131.6	27.72	126.5	26.73	121.2	25.73	110.4	23.78
	11	9.8	141.9	27.50	131.2	25.68	120.8	23.87	115.3	22.97	110.0	22.08	99.30	20.29
	13	11.8	130.8	23.60	120.0	21.97	109.3	20.33	104.0	19.54	98.50	18.73	87.50	17.11
	15	13.7	119.3	20.16	108.5	18.69	97.50	17.25	92.10	16.52	86.60	15.81	75.60	14.37
50	-30	-30.2	144.6	80.61	141.6	79.39	135.4	76.05	131.2	73.52	126.9	70.99	118.6	66.03
	-24.8	-25	152.3	75.99	144.0	71.48	135.4	67.03	131.2	64.82	126.9	62.64	118.6	58.31

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	152.3	70.63	144.0	66.47	135.4	62.35	131.2	60.32	126.9	58.31	118.6	54.32
	-19.8	-20	152.3	67.28	144.0	63.32	135.4	59.42	131.2	57.51	126.9	55.61	118.6	51.81
	-18.8	-19	152.3	65.67	144.0	61.81	135.4	58.02	131.2	56.15	126.9	54.29	118.6	50.60
	-16.7	-17	152.3	62.53	144.0	58.89	135.4	55.30	131.2	53.53	126.9	51.76	118.6	48.27
	-15	-15.9	152.3	60.56	144.0	57.00	135.4	53.52	131.2	51.77	126.9	50.06	118.6	46.68
	-13.7	-15	152.3	58.77	144.0	55.32	135.4	51.95	131.2	50.28	126.9	48.61	118.6	45.33
	-11.8	-13	152.3	56.27	144.0	52.98	135.4	49.76	131.2	48.16	126.9	46.57	118.6	43.45
	-9.8	-11	152.3	53.75	144.0	50.64	135.4	47.57	131.2	46.05	126.9	44.53	118.6	41.56
	-9.5	-10	152.3	52.74	144.0	49.74	135.4	46.77	131.2	45.31	126.9	43.86	118.6	40.97
	-8.5	-9.1	152.3	51.58	144.0	48.66	135.4	45.77	131.2	44.34	126.9	42.92	118.6	40.10
	-7	-7.6	152.3	49.72	144.0	46.91	135.4	44.14	131.2	42.79	126.9	41.43	118.6	38.74
	-5	-5.6	152.3	47.34	144.0	44.71	135.4	42.08	131.2	40.79	126.9	39.51	118.6	36.96
	-3	-3.7	152.3	45.17	144.0	42.69	135.4	40.22	131.2	38.98	126.9	37.76	118.6	35.35
	0	-0.7	152.3	42.00	144.0	39.71	135.4	37.43	131.2	36.31	126.9	35.20	118.6	32.99
	3	2.2	152.3	39.20	144.0	37.08	135.4	35.00	131.2	33.98	126.9	32.94	118.6	30.90
	5	4.1	144.1	34.75	135.8	32.79	127.2	30.87	122.9	29.91	118.6	28.96	110.0	27.09
	7	6	135.8	30.63	127.2	28.85	118.6	27.08	114.3	26.21	110.0	25.34	101.1	23.59
	9	7.9	127.2	26.86	118.6	25.24	109.7	23.64	105.3	22.83	101.0	22.03	92.10	20.45
	11	9.8	118.2	23.44	109.4	21.96	100.7	20.50	96.10	19.78	91.70	19.04	82.70	17.61
	13	11.8	108.9	20.27	100.0	18.96	91.10	17.64	86.60	16.98	82.10	16.33	73.10	15.03
	15	13.7	99.30	17.49	90.30	16.30	81.30	15.13	76.80	14.53	72.10	13.94	63.00	12.77

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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40.5 Capacity Correction Factor

40.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-60	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-50	-	-	-	-	-	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-40	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-20	-	-	97.0	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
30	-	-	-	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
50	-	-	-	-	-	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
60	-	-	-	-	-	-	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
70	-	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
80	-	-	-	-	-	-	-	-	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

40.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

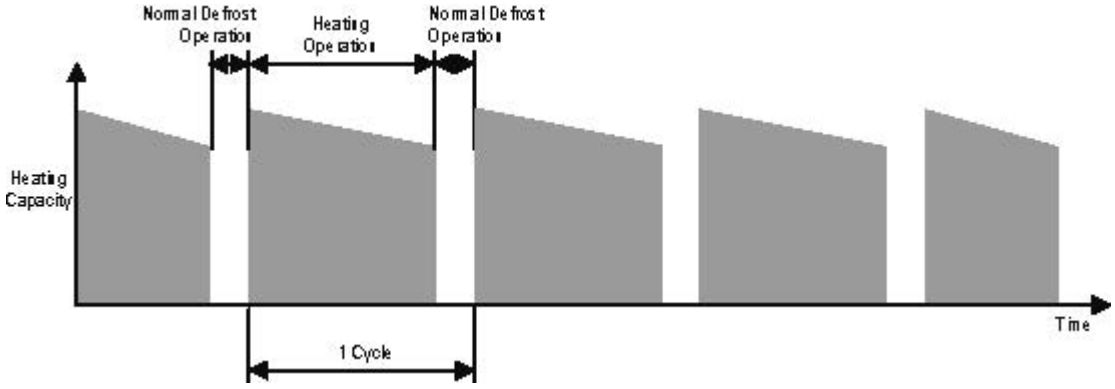
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

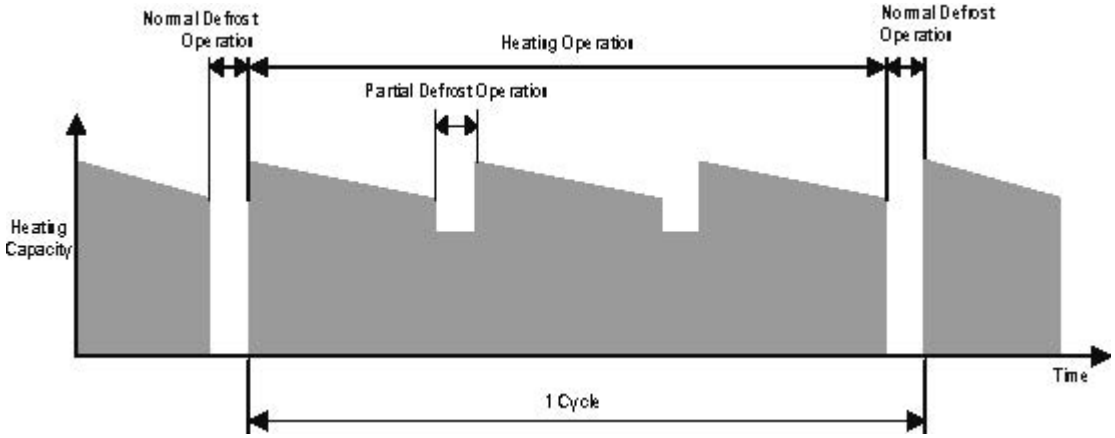
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

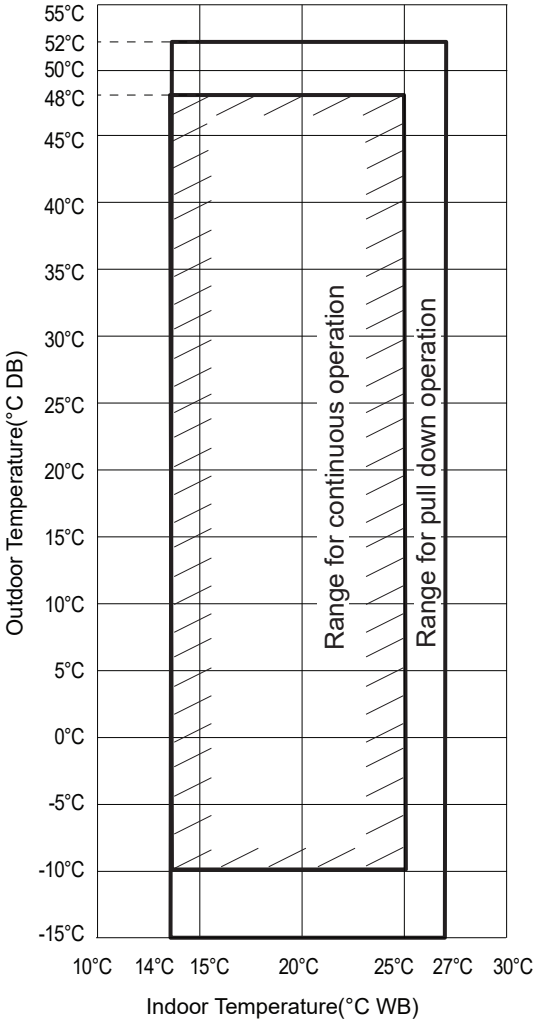


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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40.6 Operation Limits

40.6.1 Cooling

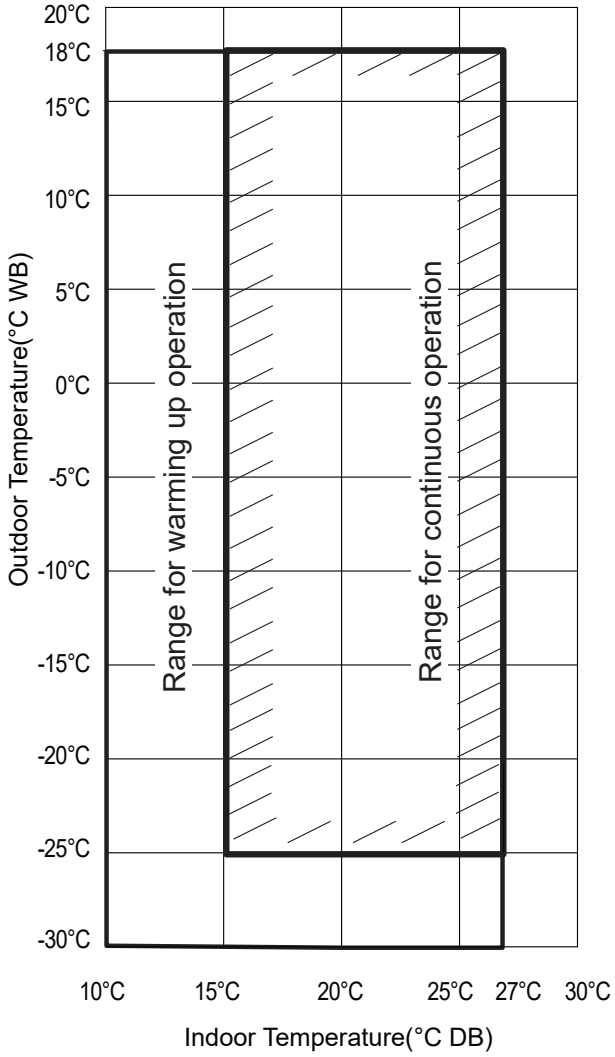


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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40.6.2 Heating

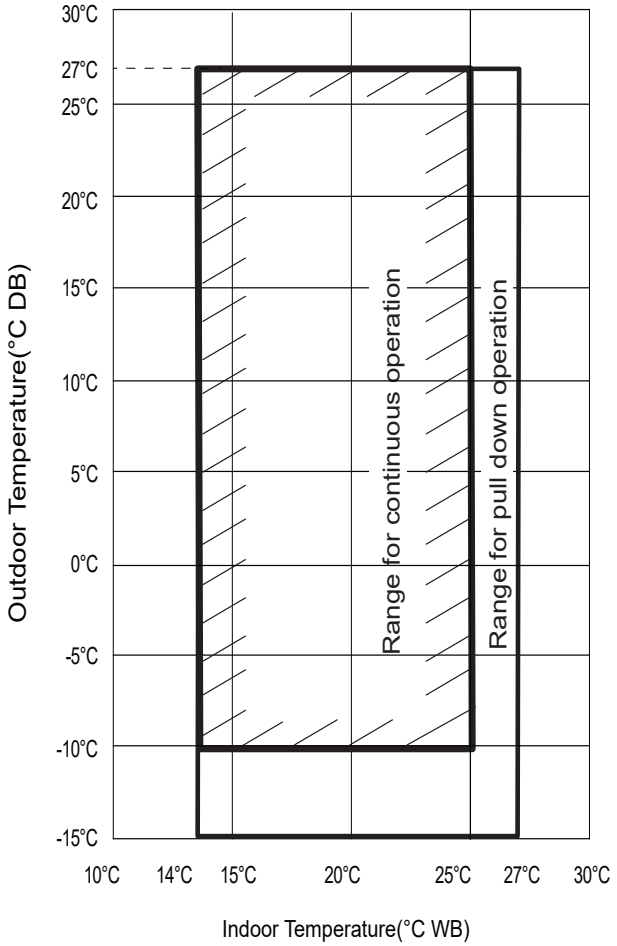


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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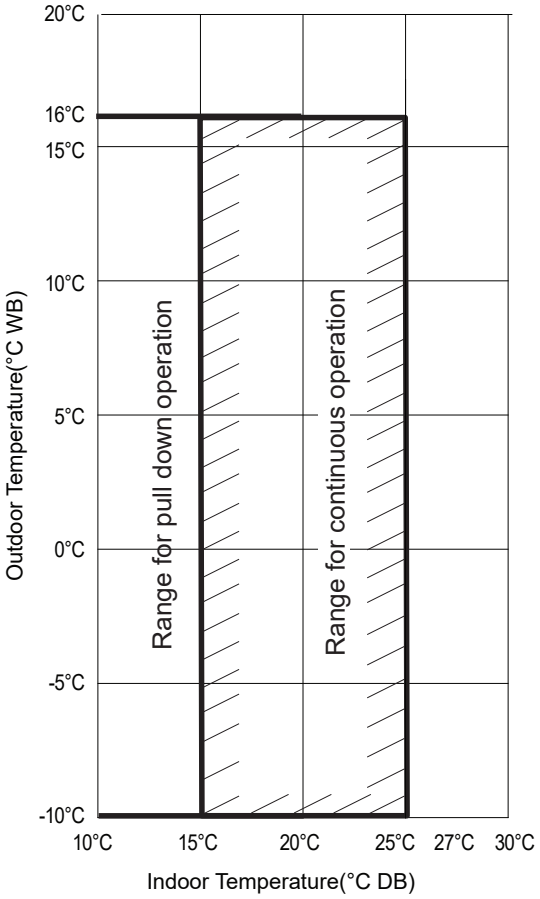
40.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

40.6.4 Simultaneous Operation (Heating)



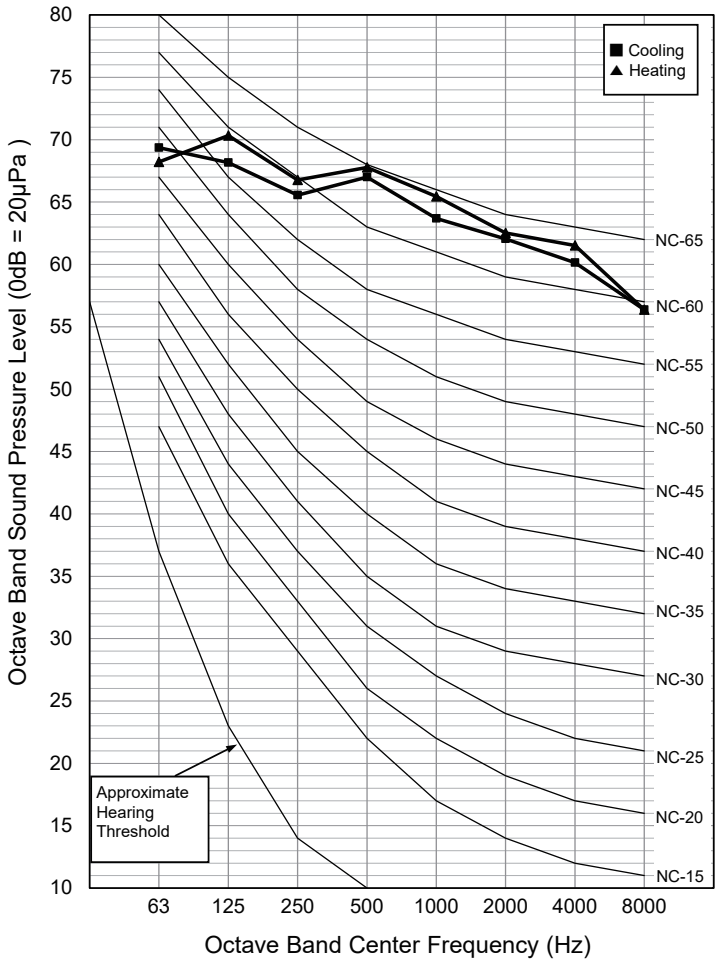
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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40.7 Sound Levels

40.7.1 Pressure Levels



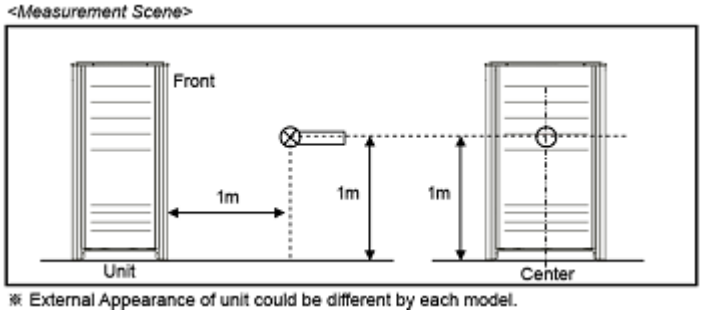
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.4	68.2	65.5	67.0	63.7	62.1	60.1	56.4
Heating[dB]	68.2	70.3	66.8	67.8	65.4	62.5	61.5	56.4

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	69.6 / 70.7

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

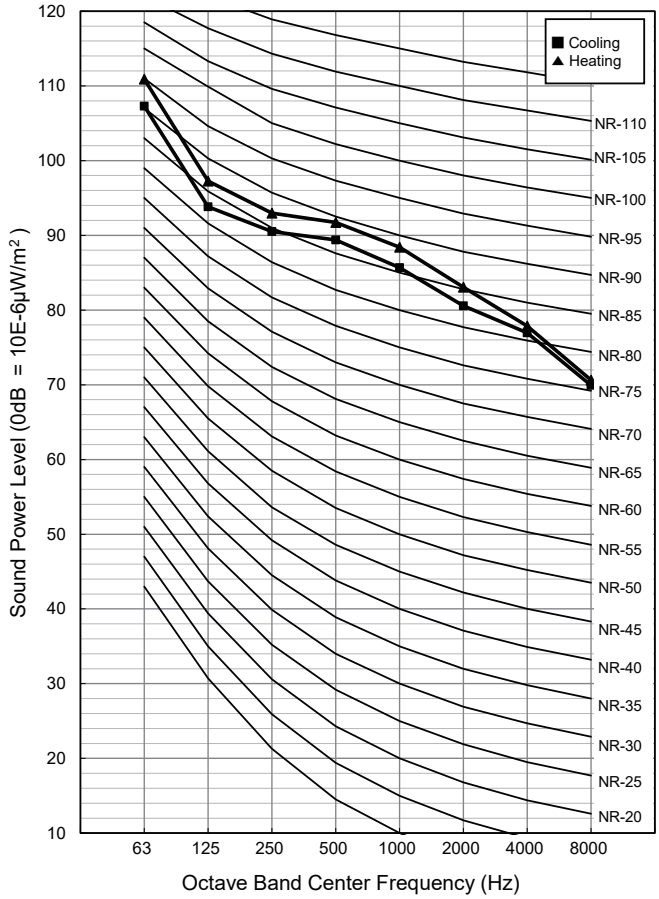
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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40.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.3	93.8	90.5	89.4	85.7	80.6	76.9	69.9
Heating[dB]	110.9	97.3	93.0	91.7	88.4	83.1	77.8	70.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.3 / 93.9

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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41.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXB + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM200LTE6
	Combination Unit (4)	-	ARUM200LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	142.75 - 135.62 - 130.71
	Running Current by Voltage (Heating,Rated)	A	102.11 - 97 - 93.49
Cooling Capacity	Rated	kW	246.4
		Btu/h	840,800
Heating Capacity	Rated	kW	246.4
		Btu/h	840,800
	Max	kW	277.2
		Btu/h	945,800
Power Input(Cooling)	Rated	kW	87.38
Power Input(Heating)	Rated	kW	62.50
Efficiency	EER(Rated)	W/W	2.82
	COP(Rated)	W/W	3.94
	SEER	Wh/Wh	7.66
	SCOP	Wh/Wh	4.72
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (320 × 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (900 × 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8
	Motor Output	W x No.	5,300 x 8
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	6
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2)
Weight	Net	kg	(400 x 1) + (400 x 1) + (300 x 1) + (300 x 1)
	Shipping	kg	(410 x 1) + (410 x 1) + (310 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	64.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	133.600
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	69.8 / 70.9
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.5 / 94.5
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	201.7
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	224.0
	Comp_Maximum Starting Current (MSC)	A	47.2
	Comp_Rated Load Amperes (Cooling)	A	127.7
	Comp_Rated Load Amperes (Heating)	A	87.1
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	15.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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41.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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41.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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41.4 Capacity Tables

41.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	192.4	21.58	243.0	30.44	297.4	44.92	320.2	52.88	345.8	62.10	367.8	69.94	385.0	76.16
	12	192.4	23.66	243.0	33.64	297.4	49.50	320.2	58.06	345.8	67.56	367.8	75.46	385.0	81.72
	14	192.4	25.96	243.0	37.16	297.4	54.50	320.2	63.56	345.8	73.44	367.8	81.44	385.0	87.76
	16	192.4	28.54	243.0	41.06	297.4	59.98	320.2	69.48	345.8	79.68	367.8	87.88	385.0	94.30
	18	192.4	31.40	243.0	45.32	297.4	65.96	320.2	75.90	345.8	86.40	367.8	94.36	385.0	99.46
	20	192.4	34.54	243.0	49.98	297.4	72.50	320.2	82.76	345.8	91.64	367.8	98.44	385.0	103.4
	21	192.4	36.24	243.0	52.48	297.4	75.94	320.2	85.00	345.8	93.80	367.8	100.6	385.0	105.6
	23	192.4	39.92	243.0	57.82	297.4	80.74	320.2	89.70	345.8	98.36	367.8	105.2	385.0	110.1
	25	192.4	43.92	243.0	62.18	297.4	85.56	320.2	94.60	345.8	103.3	367.8	110.3	385.0	115.2
	27	192.4	47.52	243.0	66.24	297.4	90.58	320.2	99.64	345.8	108.6	367.8	115.8	385.0	120.9
	29	192.4	50.68	243.0	70.58	297.4	95.94	320.2	105.1	345.8	114.4	367.8	122.0	383.2	126.9
	31	192.4	54.04	243.0	75.24	297.4	101.8	320.2	111.0	345.8	120.9	367.8	129.0	380.4	133.3
	33	192.4	57.64	243.0	80.24	297.4	107.9	320.2	117.4	345.8	128.1	363.6	135.4	363.6	135.4
	35	192.4	61.46	243.0	85.62	297.4	114.3	320.2	124.5	340.4	133.9	340.2	133.8	340.4	133.8
	37	192.4	65.56	243.0	91.44	297.4	121.3	317.4	131.2	317.4	131.2	317.2	131.2	317.2	131.2
	39	192.4	69.92	243.0	97.78	294.8	127.8	294.6	127.8	294.6	127.7	294.4	127.7	294.4	127.7
	41	192.4	74.58	243.0	104.8	273.0	123.9	272.6	123.9	272.6	123.8	272.2	123.7	272.6	123.8
	43	192.4	79.62	243.0	112.5	251.4	118.2	251.0	118.2	251.0	118.1	251.0	118.2	250.8	118.1
	46	192.4	87.92	221.2	107.8	220.6	107.6	220.8	107.7	220.6	107.5	220.4	107.5	220.6	107.6
	48	192.4	94.06	201.6	100.7	201.4	100.6	201.4	100.5	201.4	100.6	201.4	100.7	201.2	100.6
	50	183.8	94.50	183.6	94.38	183.2	94.34	183.2	94.28	183.2	94.30	182.8	94.14	183.0	94.24
	52	163.2	82.92	165.4	78.56	166.0	74.16	165.8	73.22	166.0	72.24	166.0	71.38	166.0	70.80
120	10	177.6	19.68	224.4	26.70	274.4	38.12	295.6	44.36	319.4	52.56	339.6	59.78	355.4	65.56
	12	177.6	21.46	224.4	29.48	274.4	42.10	295.6	48.90	319.4	57.72	339.6	65.16	355.4	71.00
	14	177.6	23.46	224.4	32.52	274.4	46.48	295.6	53.86	319.4	63.24	339.6	70.98	355.4	76.86
	16	177.6	25.68	224.4	35.90	274.4	51.24	295.6	59.26	319.4	69.14	339.6	77.30	355.4	83.22
	18	177.6	28.16	224.4	39.62	274.4	56.48	295.6	65.18	319.4	75.54	339.6	83.96	355.4	90.08
	20	177.6	30.92	224.4	43.70	274.4	62.20	295.6	71.68	319.4	82.40	339.6	89.58	355.4	94.62
	21	177.6	32.40	224.4	45.90	274.4	65.26	295.6	75.10	319.4	84.66	339.6	91.74	355.4	96.78
	23	177.6	35.62	224.4	50.58	274.4	70.70	295.6	79.94	319.4	89.38	339.6	96.30	355.4	101.4
	25	177.6	39.16	224.4	55.20	274.4	75.22	295.6	84.88	319.4	94.30	339.6	101.2	355.4	106.4
	27	177.6	42.82	224.4	58.84	274.4	80.08	295.6	89.84	319.4	99.34	339.6	106.4	355.4	111.8
	29	177.6	45.64	224.4	62.72	274.4	85.32	295.6	95.18	319.4	104.8	339.6	112.2	355.4	117.8
	31	177.6	48.66	224.4	66.86	274.4	90.96	295.6	100.9	319.4	110.6	339.6	118.5	355.4	124.5
	33	177.6	51.88	224.4	71.28	274.4	97.06	295.6	107.2	319.4	117.1	339.6	125.5	355.4	132.1
	35	177.6	55.34	224.4	76.04	274.4	103.1	295.6	113.5	319.4	124.2	339.6	133.4	340.6	133.9
	37	177.6	59.04	224.4	81.14	274.4	109.7	295.6	120.4	317.6	131.2	317.4	131.2	317.2	131.2
	39	177.6	62.94	224.4	86.64	274.4	117.0	294.8	127.8	294.8	127.8	294.6	127.8	294.6	127.8
	41	177.6	67.14	224.4	92.60	273.0	123.9	272.6	123.8	272.6	123.8	272.4	123.8	272.4	123.8
	43	177.6	71.64	224.4	99.12	251.4	118.3	251.2	118.2	251.2	118.2	251.0	118.2	251.0	118.2
	46	177.6	79.00	221.0	107.8	220.8	107.6	220.8	107.6	220.8	107.7	220.6	107.6	220.6	107.5
	48	177.6	84.38	201.8	100.7	201.6	100.7	201.6	100.8	201.4	100.6	201.2	100.5	201.4	100.6
	50	177.6	90.20	183.6	94.32	183.2	94.26	183.2	94.26	183.2	94.26	183.2	94.38	183.2	94.24
	52	162.6	84.50	164.6	80.38	166.0	75.96	166.0	75.08	165.8	74.08	166.0	73.36	166.0	72.98
110	10	162.8	18.04	205.6	23.54	251.6	32.36	271.0	37.16	292.6	43.46	311.2	49.62	325.8	54.96
	12	162.8	19.54	205.6	25.86	251.6	35.78	271.0	41.06	292.6	47.92	311.2	54.58	325.8	60.10
	14	162.8	21.24	205.6	28.48	251.6	39.52	271.0	45.34	292.6	52.78	311.2	59.98	325.8	65.64

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	162.8	23.14	205.6	31.38	251.6	43.64	271.0	50.02	292.6	58.12	311.2	65.88	325.8	71.68
	18	162.8	25.28	205.6	34.58	251.6	48.18	271.0	55.12	292.6	63.96	311.2	72.24	325.8	78.24
	20	162.8	27.66	205.6	38.10	251.6	53.10	271.0	60.72	292.6	70.32	311.2	78.98	325.8	84.86
	21	162.8	28.94	205.6	40.00	251.6	55.74	271.0	63.74	292.6	73.74	311.2	81.64	325.8	87.14
	23	162.8	31.74	205.6	44.06	251.6	61.42	271.0	69.24	292.6	78.66	311.2	86.22	325.8	91.74
	25	162.8	34.84	205.6	48.54	251.6	65.56	271.0	73.70	292.6	83.64	311.2	91.14	325.8	96.52
	27	162.8	38.24	205.6	52.00	251.6	69.86	271.0	78.46	292.6	88.66	311.2	96.40	325.8	101.6
	29	162.8	40.94	205.6	55.46	251.6	74.42	271.0	83.56	292.6	93.96	311.2	101.8	325.8	107.1
	31	162.8	43.64	205.6	59.12	251.6	79.32	271.0	89.10	292.6	99.62	311.2	107.5	325.8	113.2
	33	162.8	46.54	205.6	63.04	251.6	84.60	271.0	95.10	292.6	105.8	311.2	113.7	325.8	119.8
	35	162.8	49.62	205.6	67.24	251.6	90.30	271.0	101.4	292.6	112.2	311.2	120.5	325.8	127.1
	37	162.8	52.92	205.6	71.70	251.6	96.52	271.0	107.8	292.6	119.1	311.2	128.1	317.4	131.2
	39	162.8	56.46	205.6	76.50	251.6	103.3	271.0	115.0	292.6	126.6	294.6	127.7	294.8	127.8
	41	162.8	60.22	205.6	81.68	251.6	110.9	271.0	122.8	272.8	123.8	272.4	123.8	272.6	123.8
	43	162.8	64.24	205.6	87.26	251.2	118.1	251.4	118.3	251.2	118.2	251.2	118.2	251.2	118.2
	46	162.8	70.80	205.6	96.54	220.8	107.7	220.8	107.6	220.6	107.6	220.6	107.6	220.4	107.5
	48	162.8	75.54	201.8	100.8	201.6	100.7	201.6	100.7	201.6	100.6	201.2	100.6	201.2	100.5
	50	162.8	80.66	183.6	94.50	183.2	94.26	183.2	94.34	183.2	94.20	183.2	94.24	183.2	94.32
	52	161.8	85.42	163.4	82.38	165.8	78.18	165.8	77.30	166.0	76.36	165.6	75.54	166.0	74.48
100	10	148.0	16.64	187.0	20.84	228.8	27.54	246.4	31.18	266.2	35.88	283.0	40.52	296.2	44.56
	12	148.0	17.90	187.0	22.82	228.8	30.40	246.4	34.44	266.2	39.68	283.0	44.74	296.2	49.10
	14	148.0	19.32	187.0	25.00	228.8	33.56	246.4	38.08	266.2	43.80	283.0	49.32	296.2	54.08
	16	148.0	20.92	187.0	27.42	228.8	37.06	246.4	42.04	266.2	48.36	283.0	54.36	296.2	59.50
	18	148.0	22.70	187.0	30.14	228.8	40.90	246.4	46.40	266.2	53.32	283.0	59.88	296.2	65.46
	20	148.0	24.74	187.0	33.16	228.8	45.12	246.4	51.18	266.2	58.74	283.0	65.90	296.2	71.96
	21	148.0	25.82	187.0	34.76	228.8	47.38	246.4	53.72	266.2	61.66	283.0	69.12	296.2	75.42
	23	148.0	28.22	187.0	38.26	228.8	52.24	246.4	59.20	266.2	67.28	283.0	74.34	296.2	80.22
	25	148.0	30.90	187.0	42.10	228.8	56.80	246.4	63.48	266.2	71.60	283.0	79.08	296.2	85.10
	27	148.0	33.86	187.0	45.72	228.8	60.52	246.4	67.62	266.2	76.24	283.0	84.16	296.2	90.10
	29	148.0	36.58	187.0	48.76	228.8	64.52	246.4	72.04	266.2	81.22	283.0	89.66	296.2	95.44
	31	148.0	38.96	187.0	51.98	228.8	68.78	246.4	76.80	266.2	86.58	283.0	95.22	296.2	101.2
	33	148.0	41.52	187.0	55.44	228.8	73.34	246.4	81.90	266.2	92.38	283.0	101.1	296.2	107.4
	35	148.0	44.28	187.0	59.14	228.8	78.22	246.4	87.42	266.2	98.72	283.0	107.5	296.2	113.8
	37	148.0	47.22	187.0	63.06	228.8	83.48	246.4	93.38	266.2	105.3	283.0	114.4	296.2	120.7
	39	148.0	50.36	187.0	67.26	228.8	89.16	246.4	99.90	266.2	112.1	283.0	121.6	294.8	127.8
	41	148.0	53.74	187.0	71.76	228.8	95.34	246.4	107.1	266.2	119.7	272.8	123.9	272.8	123.8
	43	148.0	57.32	187.0	76.56	228.8	102.1	246.4	115.0	251.2	118.2	251.2	118.2	251.2	118.2
	46	148.0	63.18	187.0	84.50	220.8	107.7	221.0	107.6	220.8	107.6	220.8	107.6	220.6	107.5
	48	148.0	67.40	187.0	90.32	202.0	100.8	201.6	100.7	201.6	100.6	201.6	100.6	201.6	100.6
	50	148.0	71.92	183.8	94.42	183.6	94.36	183.4	94.26	183.4	94.36	183.4	94.34	183.2	94.32
	52	148.0	76.76	163.0	83.54	164.4	80.48	165.2	79.20	165.6	77.82	166.0	76.50	166.0	75.48
90	10	133.2	15.46	168.2	18.62	205.8	23.56	221.8	26.24	239.4	29.70	254.8	33.06	266.6	36.02
	12	133.2	16.48	168.2	20.20	205.8	25.92	221.8	28.94	239.4	32.82	254.8	36.56	266.6	39.80
	14	133.2	17.64	168.2	22.02	205.8	28.52	221.8	31.92	239.4	36.26	254.8	40.40	266.6	43.96
	16	133.2	18.96	168.2	24.04	205.8	31.44	221.8	35.22	239.4	40.04	254.8	44.62	266.6	48.52
	18	133.2	20.46	168.2	26.30	205.8	34.64	221.8	38.88	239.4	44.20	254.8	49.22	266.6	53.48
	20	133.2	22.14	168.2	28.80	205.8	38.18	221.8	42.86	239.4	48.74	254.8	54.28	266.6	58.94
	21	133.2	23.08	168.2	30.16	205.8	40.08	221.8	45.04	239.4	51.18	254.8	56.98	266.6	61.86
	23	133.2	25.08	168.2	33.10	205.8	44.16	221.8	49.62	239.4	56.42	254.8	62.72	266.6	67.46
	25	133.2	27.34	168.2	36.36	205.8	48.64	221.8	54.28	239.4	60.82	254.8	66.84	266.6	71.80
	27	133.2	29.88	168.2	39.94	205.8	52.10	221.8	57.84	239.4	64.82	254.8	71.18	266.6	76.44

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	133.2	32.54	168.2	42.62	205.8	55.54	221.8	61.66	239.4	69.08	254.8	75.84	266.6	81.44
	31	133.2	34.62	168.2	45.44	205.8	59.22	221.8	65.76	239.4	73.62	254.8	80.84	266.6	86.82
	33	133.2	36.86	168.2	48.44	205.8	63.14	221.8	70.10	239.4	78.52	254.8	86.20	266.6	92.64
	35	133.2	39.28	168.2	51.66	205.8	67.34	221.8	74.76	239.4	83.76	254.8	92.04	266.6	98.98
	37	133.2	41.88	168.2	55.08	205.8	71.84	221.8	79.76	239.4	89.44	254.8	98.40	266.6	105.5
	39	133.2	44.68	168.2	58.76	205.8	76.64	221.8	85.16	239.4	95.62	254.8	105.4	266.6	112.4
	41	133.2	47.68	168.2	62.68	205.8	81.82	221.8	91.02	239.4	102.4	254.8	112.7	266.6	120.0
	43	133.2	50.88	168.2	66.86	205.8	87.40	221.8	97.36	239.4	109.9	251.4	118.3	251.4	118.3
	46	133.2	56.08	168.2	73.68	205.8	96.70	221.0	107.7	221.0	107.7	220.8	107.7	221.0	107.7
	48	133.2	59.84	168.2	78.68	202.2	100.9	201.8	100.8	201.8	100.7	201.6	100.7	201.6	100.7
	50	133.2	63.86	168.2	84.02	183.6	94.44	183.6	94.42	183.4	94.32	183.4	94.30	183.6	94.42
	52	133.2	68.16	162.0	85.02	163.8	81.78	164.6	80.48	165.6	79.08	165.8	77.76	166.0	76.72
80	10	118.4	13.94	149.6	16.78	183.0	20.34	197.0	22.24	213.0	24.70	226.2	27.08	237.0	29.16
	12	118.4	15.28	149.6	18.04	183.0	22.22	197.0	24.42	213.0	27.20	226.2	29.90	237.0	32.22
	14	118.4	16.20	149.6	19.48	183.0	24.32	197.0	26.82	213.0	29.98	226.2	33.00	237.0	35.60
	16	118.4	17.26	149.6	21.12	183.0	26.68	197.0	29.50	213.0	33.08	226.2	36.44	237.0	39.32
	18	118.4	18.48	149.6	22.96	183.0	29.30	197.0	32.46	213.0	36.46	226.2	40.22	237.0	43.40
	20	118.4	19.86	149.6	25.02	183.0	32.18	197.0	35.76	213.0	40.20	226.2	44.38	237.0	47.88
	21	118.4	20.62	149.6	26.12	183.0	33.74	197.0	37.52	213.0	42.22	226.2	46.58	237.0	50.26
	23	118.4	22.30	149.6	28.56	183.0	37.10	197.0	41.34	213.0	46.54	226.2	51.34	237.0	55.40
	25	118.4	24.18	149.6	31.26	183.0	40.84	197.0	45.52	213.0	51.20	226.2	55.96	237.0	59.86
	27	118.4	26.30	149.6	34.26	183.0	44.48	197.0	49.06	213.0	54.60	226.2	59.64	237.0	63.80
	29	118.4	28.68	149.6	37.00	183.0	47.40	197.0	52.32	213.0	58.22	226.2	63.58	237.0	68.00
	31	118.4	30.62	149.6	39.42	183.0	50.56	197.0	55.80	213.0	62.08	226.2	67.78	237.0	72.46
	33	118.4	32.54	149.6	42.02	183.0	53.92	197.0	59.50	213.0	66.18	226.2	72.26	237.0	77.26
	35	118.4	34.66	149.6	44.80	183.0	57.50	197.0	63.44	213.0	70.60	226.2	77.06	237.0	82.44
	37	118.4	36.92	149.6	47.76	183.0	61.34	197.0	67.66	213.0	75.28	226.2	82.24	237.0	88.02
	39	118.4	39.38	149.6	50.96	183.0	65.40	197.0	72.18	213.0	80.34	226.2	87.84	237.0	94.06
	41	118.4	42.02	149.6	54.36	183.0	69.78	197.0	77.02	213.0	85.80	226.2	93.90	237.0	100.7
	43	118.4	44.86	149.6	58.00	183.0	74.44	197.0	82.22	213.0	91.72	226.2	100.5	237.0	108.0
	46	118.4	49.48	149.6	63.92	183.0	82.12	197.0	90.84	213.0	101.6	220.8	107.6	220.8	107.7
	48	118.4	52.84	149.6	68.20	183.0	87.76	197.0	97.24	201.8	100.7	201.8	100.7	201.8	100.7
	50	118.4	56.40	149.6	72.78	183.0	93.88	183.6	94.48	183.6	94.42	183.4	94.32	183.2	94.30
	52	118.4	60.20	149.6	77.68	163.0	83.50	163.8	82.16	164.6	80.70	165.2	79.36	165.6	78.34
70	10	103.8	11.56	130.8	15.28	160.2	17.76	172.4	19.08	186.2	20.76	198.0	22.40	207.2	23.80
	12	103.8	14.24	130.8	16.26	160.2	19.22	172.4	20.76	186.2	22.72	198.0	24.58	207.2	26.18
	14	103.8	14.96	130.8	17.38	160.2	20.86	172.4	22.64	186.2	24.88	198.0	27.00	207.2	28.84
	16	103.8	15.80	130.8	18.66	160.2	22.72	172.4	24.76	186.2	27.30	198.0	29.72	207.2	31.76
	18	103.8	16.76	130.8	20.12	160.2	24.78	172.4	27.10	186.2	30.00	198.0	32.72	207.2	35.00
	20	103.8	17.86	130.8	21.76	160.2	27.08	172.4	29.72	186.2	32.98	198.0	36.02	207.2	38.60
	21	103.8	18.48	130.8	22.66	160.2	28.34	172.4	31.14	186.2	34.60	198.0	37.82	207.2	40.50
	23	103.8	19.84	130.8	24.62	160.2	31.04	172.4	34.20	186.2	38.06	198.0	41.64	207.2	44.64
	25	103.8	21.36	130.8	26.82	160.2	34.08	172.4	37.58	186.2	41.90	198.0	45.86	207.2	49.16
	27	103.8	23.10	130.8	29.28	160.2	37.38	172.4	41.22	186.2	45.52	198.0	49.42	207.2	52.60
	29	103.8	25.08	130.8	31.92	160.2	40.10	172.4	43.94	186.2	48.52	198.0	52.70	207.2	56.10
	31	103.8	26.94	130.8	33.94	160.2	42.74	172.4	46.84	186.2	51.76	198.0	56.20	207.2	59.82
	33	103.8	28.58	130.8	36.14	160.2	45.56	172.4	49.96	186.2	55.20	198.0	59.92	207.2	63.78
	35	103.8	30.38	130.8	38.52	160.2	48.60	172.4	53.28	186.2	58.86	198.0	63.88	207.2	68.02
	37	103.8	32.36	130.8	41.06	160.2	51.82	172.4	56.82	186.2	62.78	198.0	68.14	207.2	72.54
	39	103.8	34.48	130.8	43.80	160.2	55.30	172.4	60.62	186.2	66.96	198.0	72.68	207.2	77.40
	41	103.8	36.78	130.8	46.74	160.2	58.98	172.4	64.66	186.2	71.44	198.0	77.58	207.2	82.64

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	103.8	39.26	130.8	49.88	160.2	62.90	172.4	68.96	186.2	76.22	198.0	82.82	207.2	88.28
	46	103.8	43.34	130.8	54.98	160.2	69.34	172.4	76.04	186.2	84.10	198.0	91.52	207.2	97.72
	48	103.8	46.30	130.8	58.68	160.2	73.98	172.4	81.18	186.2	89.90	198.0	97.98	202.0	100.9
	50	103.8	49.46	130.8	62.62	160.2	78.98	172.4	86.72	183.8	94.56	183.6	94.36	183.6	94.36
	52	103.8	52.82	130.8	66.82	160.2	84.36	162.4	84.38	163.4	82.86	164.2	81.50	164.6	80.46
60	10	88.80	9.32	112.2	12.86	137.2	15.76	147.8	16.62	159.6	17.72	169.8	18.78	177.8	19.70
	12	88.80	13.00	112.2	14.82	137.2	16.82	147.8	17.86	159.6	19.18	169.8	20.40	177.8	21.48
	14	88.80	13.58	112.2	15.64	137.2	18.06	147.8	19.28	159.6	20.80	169.8	22.24	177.8	23.46
	16	88.80	14.26	112.2	16.62	137.2	19.46	147.8	20.88	159.6	22.62	169.8	24.30	177.8	25.68
	18	88.80	15.06	112.2	17.72	137.2	21.04	147.8	22.66	159.6	24.68	169.8	26.60	177.8	28.18
	20	88.80	15.94	112.2	18.98	137.2	22.82	147.8	24.70	159.6	27.00	169.8	29.14	177.8	30.94
	21	88.80	16.44	112.2	19.68	137.2	23.78	147.8	25.78	159.6	28.24	169.8	30.52	177.8	32.44
	23	88.80	17.54	112.2	21.20	137.2	25.90	147.8	28.16	159.6	30.94	169.8	33.52	177.8	35.64
	25	88.80	18.78	112.2	22.94	137.2	28.28	147.8	30.82	159.6	33.94	169.8	36.80	177.8	39.18
	27	88.80	20.22	112.2	24.90	137.2	30.92	147.8	33.80	159.6	37.26	169.8	40.42	177.8	42.82
	29	88.80	21.82	112.2	27.10	137.2	33.60	147.8	36.52	159.6	39.98	169.8	43.12	177.8	45.66
	31	88.80	23.56	112.2	29.00	137.2	35.74	147.8	38.90	159.6	42.62	169.8	45.96	177.8	48.68
	33	88.80	24.94	112.2	30.82	137.2	38.08	147.8	41.44	159.6	45.44	169.8	49.00	177.8	51.92
	35	88.80	26.44	112.2	32.80	137.2	40.58	147.8	44.18	159.6	48.44	169.8	52.26	177.8	55.38
	37	88.80	28.12	112.2	34.94	137.2	43.28	147.8	47.12	159.6	51.66	169.8	55.74	177.8	59.04
	39	88.80	29.92	112.2	37.26	137.2	46.18	147.8	50.26	159.6	55.12	169.8	59.46	177.8	62.98
	41	88.80	31.92	112.2	39.74	137.2	49.28	147.8	53.64	159.6	58.80	169.8	63.42	177.8	67.18
	43	88.80	34.06	112.2	42.42	137.2	52.58	147.8	57.22	159.6	62.70	169.8	67.66	177.8	71.68
	46	88.80	37.62	112.2	46.82	137.2	57.96	147.8	63.04	159.6	69.10	169.8	74.56	177.8	79.04
	48	88.80	40.22	112.2	50.00	137.2	61.84	147.8	67.26	159.6	73.74	169.8	79.60	177.8	84.42
	50	88.80	42.98	112.2	53.40	137.2	65.98	147.8	71.78	159.6	78.72	169.8	85.04	177.8	90.26
	52	88.80	45.98	112.2	57.00	137.2	70.40	147.8	76.62	159.6	84.08	162.4	84.52	163.0	83.46
50	10	74.00	7.24	93.40	10.04	114.4	13.24	123.2	14.74	133.0	15.44	141.6	16.10	148.2	16.64
	12	74.00	11.10	93.40	13.44	114.4	14.98	123.2	15.64	133.0	16.46	141.6	17.24	148.2	17.90
	14	74.00	12.08	93.40	14.08	114.4	15.84	123.2	16.62	133.0	17.62	141.6	18.54	148.2	19.32
	16	74.00	12.62	93.40	14.80	114.4	16.82	123.2	17.78	133.0	18.94	141.6	20.02	148.2	20.92
	18	74.00	13.24	93.40	15.62	114.4	17.98	123.2	19.08	133.0	20.42	141.6	21.68	148.2	22.72
	20	74.00	13.94	93.40	16.58	114.4	19.28	123.2	20.56	133.0	22.12	141.6	23.54	148.2	24.76
	21	74.00	14.34	93.40	17.08	114.4	20.00	123.2	21.36	133.0	23.04	141.6	24.56	148.2	25.86
	23	74.00	15.22	93.40	18.26	114.4	21.60	123.2	23.16	133.0	25.04	141.6	26.80	148.2	28.26
	25	74.00	16.22	93.40	19.58	114.4	23.36	123.2	25.16	133.0	27.32	141.6	29.28	148.2	30.90
	27	74.00	17.34	93.40	21.10	114.4	25.40	123.2	27.40	133.0	29.84	141.6	32.04	148.2	33.86
	29	74.00	18.64	93.40	22.82	114.4	27.64	123.2	29.92	133.0	32.50	141.6	34.76	148.2	36.58
	31	74.00	20.08	93.40	24.62	114.4	29.56	123.2	31.86	133.0	34.58	141.6	37.00	148.2	38.96
	33	74.00	21.32	93.40	26.06	114.4	31.42	123.2	33.90	133.0	36.80	141.6	39.42	148.2	41.54
	35	74.00	22.56	93.40	27.64	114.4	33.44	123.2	36.10	133.0	39.22	141.6	42.02	148.2	44.30
	37	74.00	23.92	93.40	29.40	114.4	35.62	123.2	38.48	133.0	41.84	141.6	44.80	148.2	47.24
	39	74.00	25.44	93.40	31.32	114.4	38.00	123.2	41.04	133.0	44.62	141.6	47.80	148.2	50.40
	41	74.00	27.12	93.40	33.38	114.4	40.54	123.2	43.78	133.0	47.60	141.6	51.00	148.2	53.76
	43	74.00	28.96	93.40	35.64	114.4	43.28	123.2	46.72	133.0	50.82	141.6	54.42	148.2	57.34
	46	74.00	32.10	93.40	39.36	114.4	47.76	123.2	51.56	133.0	56.00	141.6	59.98	148.2	63.18
	48	74.00	34.38	93.40	42.06	114.4	50.98	123.2	55.02	133.0	59.76	141.6	64.00	148.2	67.42
	50	74.00	36.88	93.40	44.96	114.4	54.44	123.2	58.72	133.0	63.76	141.6	68.28	148.2	71.94
	52	74.00	39.56	93.40	48.08	114.4	58.12	123.2	62.66	133.0	68.06	141.6	72.86	148.2	76.80

41. ARUM880LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

41. ARUM880LTE6

41.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	52.40	4.02	84.00	6.42	119.2	9.16	127.6	9.84	136.0	10.56	144.8	11.32	154.0	12.26
	12	52.40	4.02	84.00	6.44	119.2	9.24	127.6	9.92	136.0	10.64	144.8	11.42	154.0	12.42
	14	52.40	4.04	84.00	6.48	119.2	9.36	127.6	10.06	136.0	10.82	144.8	11.62	154.0	12.68
	16	52.40	4.04	84.00	6.56	119.2	9.56	127.6	10.32	136.0	11.12	144.8	12.02	154.0	13.24
	18	52.40	4.08	84.00	6.72	119.2	10.00	127.6	10.88	136.0	11.82	144.8	12.88	154.0	14.44
	20	52.40	4.22	84.00	7.10	119.2	11.18	127.6	12.32	136.0	13.60	144.8	15.04	154.0	17.56
	21	59.40	5.22	90.60	8.90	125.4	15.06	133.8	15.92	142.0	16.88	150.4	17.86	159.0	19.40
	23	73.20	11.54	104.2	14.50	138.6	18.70	146.4	19.80	154.4	21.00	161.6	22.10	169.4	23.90
	25	87.60	14.44	117.8	18.12	152.2	23.58	159.4	24.92	167.2	26.38	173.0	27.58	179.8	29.68
	27	102.0	18.38	132.0	23.02	165.8	30.02	172.8	31.66	180.0	33.30	184.8	34.40	201.0	39.28
	29	117.0	23.72	146.2	29.22	180.0	37.14	186.6	38.84	193.6	40.70	205.2	43.98	237.8	55.52
	31	132.4	29.94	161.0	36.28	194.4	45.78	200.6	47.68	217.8	53.36	242.8	62.26	274.6	77.28
	33	148.2	37.66	176.2	45.10	209.0	56.42	230.2	64.46	256.2	75.48	280.2	86.76	311.2	105.3
	35	164.6	47.44	191.8	56.08	245.4	79.10	268.4	90.92	294.4	105.1	317.6	116.3	348.0	132.5
	37	164.6	50.64	191.8	59.86	245.4	84.46	268.4	97.20	294.4	111.9	317.6	123.6	325.0	129.8
	39	164.6	54.06	191.8	63.88	245.4	90.26	268.4	104.1	294.4	119.4	304.8	125.0	301.4	125.9
	41	164.6	57.70	191.8	68.16	245.4	96.56	268.4	111.7	282.0	119.9	282.0	120.0	278.6	121.1
	43	164.6	61.58	191.8	72.76	245.4	103.5	260.0	113.8	259.8	113.7	259.6	113.7	256.8	115.4
	46	164.6	67.88	191.8	80.24	228.6	103.1	228.6	103.1	228.4	103.0	228.4	102.9	225.8	104.4
	48	164.6	72.46	191.8	85.74	208.8	96.50	209.0	96.64	208.6	96.48	208.4	96.46	206.0	97.62
	50	164.6	77.34	190.4	90.70	189.8	90.56	190.0	90.68	189.8	90.56	189.6	90.50	187.2	91.50
	52	163.2	81.76	165.6	76.50	168.2	72.48	168.8	71.70	169.4	70.82	170.0	70.08	169.6	70.40
120	10	48.40	3.72	77.60	5.92	110.0	8.44	117.6	9.06	125.4	9.68	133.6	10.34	142.0	11.18
	12	48.40	3.72	77.60	5.94	110.0	8.50	117.6	9.12	125.4	9.74	133.6	10.44	142.0	11.30
	14	48.40	3.72	77.60	5.96	110.0	8.58	117.6	9.22	125.4	9.90	133.6	10.60	142.0	11.52
	16	48.40	3.74	77.60	6.02	110.0	8.74	117.6	9.44	125.4	10.12	133.6	10.90	142.0	11.94
	18	48.40	3.78	77.60	6.14	110.0	9.10	117.6	9.86	125.4	10.66	133.6	11.56	142.0	12.90
	20	48.40	3.86	77.60	6.44	110.0	10.00	117.6	11.00	125.4	12.04	133.6	13.24	142.0	15.46
	21	54.60	4.70	83.60	7.92	115.8	13.20	123.6	14.76	131.2	15.64	138.6	16.48	146.8	17.82
	23	67.60	11.00	96.00	13.64	128.0	17.30	135.2	18.22	142.6	19.26	149.2	20.20	156.2	21.76
	25	80.80	13.62	108.8	16.88	140.4	21.58	147.2	22.74	154.4	23.98	159.8	24.98	166.0	26.82
	27	94.20	17.16	121.8	21.20	153.0	27.22	159.6	28.60	166.2	30.12	170.6	31.14	185.6	35.44
	29	108.2	21.94	135.0	26.86	166.0	33.74	172.0	35.20	178.6	36.80	189.6	39.64	219.6	49.54
	31	122.2	27.62	148.6	33.12	179.4	41.32	185.2	42.98	201.0	47.86	224.0	55.48	253.4	68.30
	33	136.8	34.46	162.8	40.92	193.2	50.70	212.6	57.64	236.6	67.02	258.6	76.58	287.2	93.20
	35	151.8	43.12	177.0	50.60	226.6	70.38	247.8	80.36	271.8	92.66	293.0	104.4	321.2	120.2
	37	151.8	46.04	177.0	54.02	226.6	75.12	247.8	85.82	271.8	99.12	293.0	111.2	321.2	127.8
	39	151.8	49.14	177.0	57.66	226.6	80.20	247.8	91.72	271.8	106.2	293.0	118.6	301.4	125.9
	41	151.8	52.44	177.0	61.54	226.6	85.66	247.8	98.14	271.8	113.9	282.2	120.0	278.8	121.2
	43	151.8	55.98	177.0	65.66	226.6	91.58	247.8	105.2	260.0	113.8	259.8	113.7	256.8	115.3
	46	151.8	61.76	177.0	72.40	226.6	101.5	228.8	103.1	228.4	103.0	228.4	103.0	225.8	104.4
	48	151.8	65.90	177.0	77.28	208.8	96.56	208.8	96.54	208.8	96.54	208.6	96.44	206.0	97.70
	50	151.8	70.32	177.0	82.52	189.8	90.52	190.0	90.64	190.0	90.64	190.0	90.60	187.6	91.68
	52	151.8	75.08	164.6	78.20	167.2	74.14	167.8	73.34	168.2	72.48	168.6	71.90	169.0	72.50
110	10	44.40	3.38	71.20	5.42	100.8	7.72	107.8	8.26	115.0	8.84	122.4	9.44	130.2	10.16
	12	44.40	3.38	71.20	5.42	100.8	7.76	107.8	8.34	115.0	8.90	122.4	9.50	130.2	10.26
	14	44.40	3.40	71.20	5.46	100.8	7.84	107.8	8.40	115.0	9.02	122.4	9.62	130.2	10.42
	16	44.40	3.42	71.20	5.50	100.8	7.96	107.8	8.56	115.0	9.20	122.4	9.86	130.2	10.74
	18	44.40	3.44	71.20	5.60	100.8	8.22	107.8	8.90	115.0	9.60	122.4	10.34	130.2	11.46

41. ARUM880LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	44.40	3.50	71.20	5.82	100.8	8.92	107.8	9.76	115.0	10.66	122.4	11.64	130.2	13.40
	21	50.20	4.24	76.60	7.02	106.2	11.40	113.2	12.68	120.2	14.08	127.2	15.22	134.6	16.36
	23	62.00	10.50	88.00	12.82	117.4	16.00	124.0	16.78	130.6	17.64	136.8	18.42	143.4	19.80
	25	74.00	12.82	99.80	15.70	128.6	19.72	135.0	20.70	141.4	21.74	146.4	22.60	152.2	24.16
	27	86.40	15.96	111.6	19.50	140.4	24.62	146.2	25.80	152.4	27.06	156.6	27.94	170.2	31.80
	29	99.00	20.22	123.6	24.54	152.2	30.56	157.8	31.80	163.6	33.16	173.8	35.58	201.2	44.02
	31	112.2	25.40	136.4	30.14	164.4	37.20	169.8	38.60	184.4	42.76	205.4	49.24	232.4	60.08
	33	125.4	31.44	149.2	36.98	177.0	45.38	194.8	51.26	216.8	59.24	237.2	67.26	263.2	81.10
	35	139.2	39.06	162.4	45.48	207.6	62.34	227.2	70.74	249.0	80.96	268.8	90.96	294.4	107.7
	37	139.2	41.68	162.4	48.54	207.6	66.54	227.2	75.50	249.0	86.48	268.8	97.26	294.4	114.7
	39	139.2	44.50	162.4	51.82	207.6	71.00	227.2	80.60	249.0	92.42	268.8	104.2	294.4	122.2
	41	139.2	47.52	162.4	55.32	207.6	75.78	227.2	86.10	249.0	98.90	268.8	111.8	279.0	121.2
	43	139.2	50.72	162.4	59.06	207.6	80.92	227.2	92.06	249.0	106.0	260.0	113.8	257.0	115.5
	46	139.2	55.96	162.4	65.10	207.6	89.38	227.2	102.0	228.8	103.1	228.6	103.0	225.6	104.4
	48	139.2	59.74	162.4	69.48	207.6	95.62	208.8	96.46	208.8	96.58	208.8	96.52	206.2	97.70
	50	139.2	63.76	162.4	74.12	190.2	90.68	190.0	90.58	190.0	90.68	189.8	90.54	187.6	91.64
	52	139.2	68.06	162.4	79.10	166.0	76.12	166.4	75.36	167.0	74.50	166.8	73.60	168.2	73.60
100	10	40.40	3.08	64.60	4.92	91.60	7.00	98.00	7.52	104.6	8.02	111.4	8.56	118.4	9.20
	12	40.40	3.08	64.60	4.92	91.60	7.02	98.00	7.56	104.6	8.06	111.4	8.60	118.4	9.28
	14	40.40	3.08	64.60	4.94	91.60	7.10	98.00	7.60	104.6	8.14	111.4	8.68	118.4	9.38
	16	40.40	3.10	64.60	4.98	91.60	7.18	98.00	7.72	104.6	8.28	111.4	8.86	118.4	9.62
	18	40.40	3.12	64.60	5.06	91.60	7.38	98.00	7.98	104.6	8.58	111.4	9.24	118.4	10.14
	20	40.40	3.18	64.60	5.24	91.60	7.90	98.00	8.62	104.6	9.36	111.4	10.18	118.4	11.58
	21	45.60	3.78	69.80	6.18	96.60	9.80	103.0	10.84	109.2	11.96	115.6	13.16	122.4	15.04
	23	56.40	9.96	80.00	12.00	106.6	14.78	112.6	15.46	118.8	16.16	124.2	16.84	130.2	17.96
	25	67.40	12.04	90.60	14.56	117.0	18.00	122.8	18.82	128.6	19.70	133.2	20.40	138.2	21.74
	27	78.40	14.82	101.6	17.90	127.6	22.22	133.0	23.22	138.6	24.30	142.2	25.00	154.6	28.22
	29	90.20	18.58	112.6	22.30	138.2	27.56	143.4	28.62	148.8	29.80	158.0	31.82	183.0	38.92
	31	102.0	23.28	124.0	27.32	149.6	33.34	154.2	34.50	167.6	38.04	186.6	43.48	211.2	52.56
	33	114.0	28.58	135.6	33.30	161.0	40.40	177.0	45.38	197.2	52.08	215.6	58.78	239.4	70.24
	35	126.6	35.22	147.4	40.68	188.8	54.92	206.4	61.94	226.6	70.40	244.2	78.58	267.6	93.22
	37	126.6	37.58	147.4	43.42	188.8	58.60	206.4	66.10	226.6	75.14	244.2	83.90	267.6	99.74
	39	126.6	40.12	147.4	46.34	188.8	62.56	206.4	70.54	226.6	80.22	244.2	89.64	267.6	106.9
	41	126.6	42.84	147.4	49.48	188.8	66.74	206.4	75.30	226.6	85.68	244.2	95.90	267.6	114.4
	43	126.6	45.76	147.4	52.86	188.8	71.24	206.4	80.40	226.6	91.62	244.2	102.7	257.2	115.5
	46	126.6	50.50	147.4	58.28	188.8	78.56	206.4	88.78	226.6	101.5	228.6	103.1	225.8	104.4
	48	126.6	53.94	147.4	62.22	188.8	83.92	206.4	94.98	208.8	96.54	208.8	96.56	206.0	97.64
	50	126.6	57.58	147.4	66.38	188.8	89.68	190.2	90.68	190.0	90.60	190.2	90.74	187.2	91.56
	52	126.6	61.48	147.4	70.84	164.4	78.30	165.4	77.08	166.2	75.76	167.0	74.54	167.4	74.56
90	10	36.40	2.78	58.20	4.42	82.40	6.28	88.40	6.76	94.20	7.20	100.2	7.66	106.6	8.26
	12	36.40	2.78	58.20	4.44	82.40	6.32	88.40	6.76	94.20	7.22	100.2	7.72	106.6	8.30
	14	36.40	2.78	58.20	4.44	82.40	6.36	88.40	6.82	94.20	7.30	100.2	7.78	106.6	8.38
	16	36.40	2.78	58.20	4.48	82.40	6.42	88.40	6.90	94.20	7.38	100.2	7.92	106.6	8.56
	18	36.40	2.80	58.20	4.52	82.40	6.58	88.40	7.08	94.20	7.60	100.2	8.18	106.6	8.94
	20	36.40	2.84	58.20	4.64	82.40	6.92	88.40	7.54	94.20	8.16	100.2	8.86	106.6	9.98
	21	41.00	3.34	62.80	5.38	87.00	8.36	92.60	9.18	98.20	10.08	104.0	11.02	110.0	13.22
	23	50.60	9.46	72.20	11.24	96.00	13.62	101.4	14.20	107.0	14.82	111.8	15.36	117.2	16.32
	25	60.60	11.30	81.40	13.46	105.2	16.40	110.4	17.10	115.8	17.82	119.8	18.42	124.6	19.52
	27	70.80	13.74	91.20	16.36	114.8	20.02	119.6	20.86	124.6	21.72	128.0	22.32	139.2	25.00
	29	81.00	17.00	101.2	20.18	124.6	24.72	129.0	25.68	133.8	26.64	142.0	28.34	164.6	34.24
	31	91.60	21.24	111.4	24.72	134.6	29.74	138.8	30.72	150.8	33.64	168.0	38.16	190.0	45.68

41. ARUM880LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	102.6	25.92	122.0	29.84	144.8	35.80	159.4	39.96	177.4	45.48	194.0	51.00	215.6	60.40
	35	114.0	31.64	132.8	36.20	169.8	48.06	186.0	53.86	203.8	60.82	219.8	67.46	240.8	79.28
	37	114.0	33.72	132.8	38.62	169.8	51.30	186.0	57.50	203.8	64.90	219.8	72.02	240.8	84.66
	39	114.0	35.98	132.8	41.24	169.8	54.76	186.0	61.36	203.8	69.28	219.8	76.88	240.8	90.46
	41	114.0	38.44	132.8	44.04	169.8	58.44	186.0	65.48	203.8	73.94	219.8	82.08	240.8	96.78
	43	114.0	41.06	132.8	47.04	169.8	62.38	186.0	69.88	203.8	78.94	219.8	87.72	240.8	103.7
	46	114.0	45.36	132.8	51.92	169.8	68.76	186.0	77.06	203.8	87.16	219.8	97.04	226.0	104.5
	48	114.0	48.48	132.8	55.44	169.8	73.40	186.0	82.30	203.8	93.20	208.8	96.50	206.4	97.84
	50	114.0	51.78	132.8	59.18	169.8	78.34	186.0	87.94	190.0	90.66	190.0	90.60	187.6	91.74
	52	114.0	55.30	132.8	63.18	163.8	79.58	164.6	78.30	165.6	76.96	166.2	75.72	166.8	75.74
80	10	32.20	2.46	51.80	3.92	73.40	5.58	78.40	5.98	83.60	6.38	89.00	6.82	94.60	7.32
	12	32.20	2.46	51.80	3.94	73.40	5.58	78.40	6.00	83.60	6.42	89.00	6.82	94.60	7.36
	14	32.20	2.48	51.80	3.94	73.40	5.62	78.40	6.02	83.60	6.46	89.00	6.88	94.60	7.40
	16	32.20	2.48	51.80	3.94	73.40	5.68	78.40	6.10	83.60	6.52	89.00	6.96	94.60	7.52
	18	32.20	2.48	51.80	3.98	73.40	5.76	78.40	6.20	83.60	6.68	89.00	7.16	94.60	7.78
	20	32.20	2.50	51.80	4.08	73.40	6.02	78.40	6.54	83.60	7.06	89.00	7.62	94.60	8.50
	21	36.60	2.92	55.80	4.66	77.40	7.08	82.20	7.74	87.40	8.44	92.40	9.16	97.80	10.80
	23	45.00	8.98	64.20	10.50	85.40	12.54	90.20	13.02	95.00	13.52	99.40	13.98	104.2	14.80
	25	53.80	10.56	72.60	12.42	93.60	14.92	98.20	15.50	102.8	16.10	106.4	16.58	110.8	17.50
	27	62.80	12.68	81.00	14.92	102.0	17.98	106.4	18.66	110.8	19.38	113.8	19.86	123.6	22.04
	29	72.00	15.50	90.00	18.18	110.8	21.94	114.8	22.74	119.2	23.58	126.2	25.08	146.4	29.96
	31	81.40	19.18	99.00	22.22	119.6	26.42	123.2	27.22	134.2	29.62	149.4	33.30	169.0	39.40
	33	91.20	23.34	108.4	26.64	128.8	31.54	141.6	34.94	157.6	39.46	172.4	43.92	191.4	51.52
	35	101.2	28.30	118.0	32.04	151.0	41.78	165.4	46.50	181.2	52.12	195.4	57.48	214.0	66.92
	37	101.2	30.12	118.0	34.16	151.0	44.58	165.4	49.64	181.2	55.62	195.4	61.32	214.0	71.38
	39	101.2	32.14	118.0	36.48	151.0	47.60	165.4	52.98	181.2	59.36	195.4	65.46	214.0	76.22
	41	101.2	34.32	118.0	38.96	151.0	50.82	165.4	56.54	181.2	63.36	195.4	69.86	214.0	81.38
	43	101.2	36.66	118.0	41.62	151.0	54.26	165.4	60.36	181.2	67.62	195.4	74.56	214.0	86.94
	46	101.2	40.52	118.0	45.96	151.0	59.84	165.4	66.52	181.2	74.56	195.4	82.26	214.0	96.24
	48	101.2	43.30	118.0	49.12	151.0	63.86	165.4	71.00	181.2	79.60	195.4	87.92	206.6	97.88
	50	101.2	46.30	118.0	52.48	151.0	68.14	165.4	75.78	181.2	85.02	190.0	90.64	187.6	91.66
	52	101.2	49.50	118.0	56.04	151.0	72.72	163.8	79.92	164.6	78.52	165.2	77.24	166.0	77.28
70	10	28.20	2.16	45.20	3.44	64.20	4.88	68.60	5.22	73.20	5.58	78.00	5.94	82.80	6.38
	12	28.20	2.16	45.20	3.44	64.20	4.88	68.60	5.24	73.20	5.58	78.00	5.96	82.80	6.40
	14	28.20	2.16	45.20	3.44	64.20	4.92	68.60	5.26	73.20	5.62	78.00	5.98	82.80	6.46
	16	28.20	2.16	45.20	3.44	64.20	4.94	68.60	5.28	73.20	5.66	78.00	6.06	82.80	6.52
	18	28.20	2.18	45.20	3.48	64.20	5.02	68.60	5.38	73.20	5.76	78.00	6.16	82.80	6.70
	20	28.20	2.18	45.20	3.54	64.20	5.18	68.60	5.58	73.20	6.02	78.00	6.48	82.80	7.16
	21	32.00	2.54	48.80	4.00	67.60	5.92	72.00	6.44	76.60	6.98	81.00	7.54	85.60	8.70
	23	39.60	7.94	56.00	9.80	74.80	11.50	78.80	11.90	83.20	12.32	87.00	12.70	91.20	13.38
	25	47.00	9.86	63.40	11.40	81.80	13.48	85.80	13.98	90.00	14.46	93.20	14.86	96.80	15.64
	27	55.00	11.66	71.00	13.54	89.40	16.06	93.00	16.64	96.80	17.22	99.60	17.60	108.2	19.38
	29	63.00	14.04	78.80	16.26	96.80	19.38	100.4	20.02	104.2	20.72	110.4	21.90	128.0	26.04
	31	71.40	17.18	86.60	19.82	104.6	23.34	107.8	24.00	117.4	25.92	130.8	28.86	147.8	33.74
	33	79.80	20.78	95.00	23.64	112.6	27.62	124.0	30.34	138.0	33.94	150.8	37.48	167.6	43.52
	35	88.60	25.12	103.4	28.20	132.0	36.00	144.6	39.76	158.4	44.24	171.0	48.46	187.4	55.88
	37	88.60	26.72	103.4	30.02	132.0	38.42	144.6	42.44	158.4	47.22	171.0	51.72	187.4	59.64
	39	88.60	28.48	103.4	32.04	132.0	41.02	144.6	45.32	158.4	50.40	171.0	55.20	187.4	63.64
	41	88.60	30.42	103.4	34.22	132.0	43.82	144.6	48.38	158.4	53.82	171.0	58.92	187.4	67.92
	43	88.60	32.52	103.4	36.56	132.0	46.78	144.6	51.66	158.4	57.44	171.0	62.88	187.4	72.50
	46	88.60	35.94	103.4	40.42	132.0	51.64	144.6	57.00	158.4	63.32	171.0	69.32	187.4	79.98

41. ARUM880LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	88.60	38.46	103.4	43.20	132.0	55.14	144.6	60.82	158.4	67.58	171.0	74.00	187.4	85.46
	50	88.60	41.14	103.4	46.20	132.0	58.88	144.6	64.92	158.4	72.12	171.0	79.00	187.2	91.30
	52	88.60	44.04	103.4	49.38	132.0	62.84	144.6	69.28	158.4	76.98	164.2	79.32	164.6	79.34
60	10	24.20	1.86	38.80	2.94	55.00	4.18	58.80	4.48	62.80	4.78	66.80	5.08	71.00	5.46
	12	24.20	1.86	38.80	2.94	55.00	4.18	58.80	4.48	62.80	4.78	66.80	5.08	71.00	5.48
	14	24.20	1.84	38.80	2.94	55.00	4.18	58.80	4.48	62.80	4.78	66.80	5.12	71.00	5.48
	16	24.20	1.84	38.80	2.94	55.00	4.22	58.80	4.52	62.80	4.82	66.80	5.14	71.00	5.54
	18	24.20	1.84	38.80	2.98	55.00	4.24	58.80	4.58	62.80	4.88	66.80	5.22	71.00	5.66
	20	24.20	1.86	38.80	3.00	55.00	4.36	58.80	4.70	62.80	5.04	66.80	5.42	71.00	5.94
	21	27.40	2.14	41.80	3.34	58.00	4.88	61.60	5.28	65.60	5.70	69.40	6.14	73.40	6.92
	23	33.80	5.60	48.00	8.38	64.00	10.50	67.60	10.84	71.20	11.16	74.40	11.48	78.20	12.04
	25	41.20	9.28	54.40	10.46	70.20	12.16	73.60	12.54	77.00	12.94	80.00	13.26	83.00	13.88
	27	47.20	10.70	60.80	12.20	76.60	14.28	79.80	14.72	83.20	15.20	85.40	15.50	92.80	16.94
	29	54.00	12.68	67.40	14.48	83.00	17.00	86.20	17.50	89.20	18.04	94.60	19.02	109.6	22.26
	31	61.20	15.26	74.40	17.40	89.80	20.38	92.40	20.94	100.4	22.52	112.2	24.82	126.8	28.62
	33	68.40	18.34	81.40	20.66	96.40	24.00	106.2	26.16	118.4	28.94	129.4	31.70	143.6	36.36
	35	76.00	21.94	88.40	24.56	113.2	30.76	124.0	33.66	136.0	37.12	146.6	40.36	160.6	46.08
	37	76.00	23.30	88.40	26.14	113.2	32.78	124.0	35.92	136.0	39.62	146.6	43.08	160.6	49.18
	39	76.00	24.78	88.40	27.84	113.2	34.98	124.0	38.34	136.0	42.30	146.6	46.00	160.6	52.50
	41	76.00	26.42	88.40	29.74	113.2	37.38	124.0	40.96	136.0	45.18	146.6	49.12	160.6	56.04
	43	76.00	28.22	88.40	31.80	113.2	39.92	124.0	43.76	136.0	48.24	146.6	52.44	160.6	59.82
	46	76.00	31.30	88.40	35.20	113.2	44.12	124.0	48.32	136.0	53.24	146.6	57.84	160.6	65.92
	48	76.00	33.62	88.40	37.68	113.2	47.14	124.0	51.62	136.0	56.82	146.6	61.72	160.6	70.36
	50	76.00	36.08	88.40	40.34	113.2	50.38	124.0	55.12	136.0	60.68	146.6	65.88	160.6	75.12
	52	76.00	38.72	88.40	43.16	113.2	53.84	124.0	58.84	136.0	64.74	146.6	70.30	160.6	80.20
50	10	20.20	1.68	32.40	2.46	45.80	3.48	49.00	3.72	52.40	3.98	55.80	4.22	59.20	4.54
	12	20.20	1.68	32.40	2.46	45.80	3.48	49.00	3.72	52.40	3.98	55.80	4.24	59.20	4.54
	14	20.20	1.68	32.40	2.46	45.80	3.48	49.00	3.74	52.40	3.98	55.80	4.24	59.20	4.56
	16	20.20	1.68	32.40	2.44	45.80	3.50	49.00	3.74	52.40	4.00	55.80	4.28	59.20	4.58
	18	20.20	1.68	32.40	2.48	45.80	3.52	49.00	3.78	52.40	4.04	55.80	4.32	59.20	4.66
	20	20.20	1.70	32.40	2.48	45.80	3.58	49.00	3.84	52.40	4.12	55.80	4.42	59.20	4.80
	21	22.80	1.76	34.80	2.74	48.40	3.94	51.40	4.24	54.60	4.54	57.80	4.86	61.20	5.42
	23	28.20	3.84	40.00	5.70	53.20	9.56	56.40	9.82	59.40	10.10	62.00	10.34	65.20	10.76
	25	39.00	9.26	45.40	9.56	58.60	10.90	61.20	11.20	64.20	11.50	66.60	11.76	69.20	12.24
	27	39.60	9.82	50.60	10.96	63.80	12.58	66.40	12.94	69.20	13.30	71.20	13.54	77.40	14.66
	29	45.00	11.34	56.20	12.78	69.20	14.74	71.80	15.16	74.40	15.56	78.80	16.30	91.40	18.82
	31	51.00	13.42	62.00	15.12	74.80	17.48	77.00	17.94	83.60	19.24	93.40	21.12	105.6	24.06
	33	57.00	16.00	67.80	17.84	80.40	20.48	88.40	22.22	98.60	24.44	107.8	26.50	119.6	29.98
	35	63.40	18.90	73.80	20.96	94.20	25.98	103.4	28.20	113.2	30.76	122.2	33.16	133.8	37.38
	37	63.40	19.98	73.80	22.22	94.20	27.68	103.4	30.02	113.2	32.80	122.2	35.38	133.8	39.90
	39	63.40	21.18	73.80	23.62	94.20	29.52	103.4	32.04	113.2	35.02	122.2	37.76	133.8	42.60
	41	63.40	22.50	73.80	25.18	94.20	31.50	103.4	34.22	113.2	37.38	122.2	40.32	133.8	45.48
	43	63.40	23.96	73.80	26.88	94.20	33.66	103.4	36.56	113.2	39.94	122.2	43.08	133.8	48.56
	46	63.40	26.44	73.80	29.76	94.20	37.22	103.4	40.42	113.2	44.12	122.2	47.58	133.8	53.60
	48	63.40	28.32	73.80	31.94	94.20	39.82	103.4	43.20	113.2	47.16	122.2	50.82	133.8	57.22
	50	63.40	30.36	73.80	34.32	94.20	42.62	103.4	46.20	113.2	50.40	122.2	54.28	133.8	61.08
	52	63.40	32.60	73.80	36.96	94.20	45.58	103.4	49.40	113.2	53.84	122.2	57.98	133.8	65.20

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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41.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	159.4	76.96	158.2	77.62	156.8	78.28	156.4	78.58	155.8	78.92	154.6	79.56
	-24.8	-25	185.6	80.86	184.2	81.60	182.8	82.32	182.2	82.68	181.6	83.06	180.2	83.76
	-21.8	-22	201.8	83.10	200.4	83.90	199.2	84.66	198.4	85.04	197.8	85.42	196.2	86.16
	-19.8	-20	213.4	84.62	212.0	85.42	210.4	86.22	209.6	86.62	209.0	87.02	207.6	87.80
	-18.8	-19	219.4	85.36	217.6	86.20	216.2	87.02	215.4	87.42	214.6	87.82	213.2	88.60
	-16.7	-17	231.4	86.90	230.0	87.74	228.4	88.60	227.4	89.02	226.8	89.42	225.2	90.24
	-15	-15.9	239.0	87.78	237.2	88.66	235.6	89.52	234.8	89.94	233.8	90.36	232.4	91.18
	-13.7	-15	245.4	88.56	243.8	89.46	242.2	90.34	241.4	90.78	240.6	91.22	239.2	92.06
	-11.8	-13	258.0	90.04	256.2	90.96	254.6	91.86	253.6	92.30	252.8	92.74	251.0	93.62
	-9.8	-11	272.0	91.62	270.0	92.56	268.2	93.48	267.4	93.94	266.4	94.38	264.6	95.26
	-9.5	-10	278.6	92.34	276.8	93.30	275.0	94.24	274.0	94.70	273.0	95.18	271.0	96.06
	-8.5	-9.1	285.4	93.08	283.2	94.04	281.4	94.98	280.4	95.46	279.6	95.92	277.6	96.84
	-7	-7.6	296.6	94.28	294.6	95.28	292.6	96.26	291.6	96.72	290.4	97.20	288.6	98.12
	-5	-5.6	312.4	95.92	310.2	96.94	308.0	97.94	307.0	98.42	305.8	98.92	303.6	99.88
	-3	-3.7	327.8	97.50	325.6	98.56	323.4	99.58	322.2	100.1	321.2	100.6	312.6	98.60
	0	-0.7	353.4	100.1	351.0	101.1	348.6	102.2	342.8	100.8	337.2	99.36	315.4	92.10
	3	2.2	379.2	102.6	373.8	102.6	360.4	99.12	349.0	95.60	337.8	92.10	315.4	85.24
	5	4.1	394.8	103.5	382.8	100.9	360.4	94.14	349.0	90.84	337.8	87.54	315.4	81.06
	7	6	404.2	101.8	382.8	95.78	360.4	89.40	349.0	86.26	337.8	83.12	315.4	77.00
	9	7.9	405.4	96.80	382.8	90.66	360.4	84.64	349.0	81.68	337.8	78.76	315.4	72.98
	11	9.8	405.4	91.50	382.8	85.74	360.4	80.08	349.0	77.30	337.8	74.58	315.4	69.16
	13	11.8	405.4	86.14	382.8	80.76	360.4	75.52	349.0	72.90	337.8	70.36	315.4	65.30
	15	13.7	405.4	81.28	382.8	76.28	360.4	71.34	349.0	68.92	337.8	66.52	315.4	61.78
120	-30	-30.2	158.6	77.30	157.4	77.96	156.4	78.60	155.8	78.92	155.2	79.24	154.2	79.88
	-24.8	-25	184.6	81.32	183.4	82.04	182.0	82.78	181.4	83.14	180.8	83.48	179.4	84.18
	-21.8	-22	201.0	83.66	199.6	84.42	198.0	85.18	197.4	85.56	196.6	85.92	195.4	86.66
	-19.8	-20	212.2	85.22	210.8	86.02	209.4	86.80	208.6	87.20	207.8	87.56	206.4	88.34
	-18.8	-19	218.2	86.00	216.6	86.80	215.0	87.62	214.2	88.02	213.6	88.40	212.0	89.18
	-16.7	-17	230.2	87.58	228.8	88.42	227.0	89.26	226.2	89.66	225.6	90.06	224.0	90.86
	-15	-15.9	237.4	88.50	236.0	89.36	234.2	90.22	233.4	90.62	232.6	91.04	231.2	91.86
	-13.7	-15	244.0	89.34	242.4	90.22	241.0	91.08	240.2	91.52	239.2	91.92	237.8	92.76
	-11.8	-13	256.6	90.86	254.8	91.78	253.0	92.66	252.2	93.08	251.4	93.52	249.6	94.36
	-9.8	-11	270.4	92.52	268.2	93.44	266.4	94.34	265.6	94.78	264.6	95.22	263.0	96.10
	-9.5	-10	276.8	93.28	275.0	94.22	273.0	95.14	272.0	95.60	271.2	96.04	269.4	96.92
	-8.5	-9.1	283.4	94.06	281.4	95.00	279.4	95.92	278.4	96.38	277.6	96.84	275.8	97.74
	-7	-7.6	294.4	95.32	292.6	96.28	290.4	97.24	289.4	97.70	288.6	98.18	284.0	97.92
	-5	-5.6	309.8	97.04	307.6	98.06	305.6	99.04	304.6	99.50	302.8	99.60	291.0	95.98
	-3	-3.7	325.2	98.74	323.0	99.76	320.8	100.8	316.0	99.58	310.8	98.12	291.0	91.24
	0	-0.7	350.2	101.5	345.2	101.4	332.6	97.88	322.2	94.40	311.8	90.98	291.0	84.22
	3	2.2	369.4	101.5	353.4	96.96	332.6	90.52	322.2	87.34	311.8	84.20	291.0	78.02
	5	4.1	374.0	98.30	353.4	92.10	332.6	86.04	322.2	83.04	311.8	80.08	291.0	74.26
	7	6	374.0	93.32	353.4	87.46	332.6	81.70	322.2	78.88	311.8	76.08	291.0	70.56
	9	7.9	374.0	88.34	353.4	82.82	332.6	77.42	322.2	74.76	311.8	72.12	291.0	66.92
	11	9.8	374.0	83.54	353.4	78.38	332.6	73.30	322.2	70.80	311.8	68.34	291.0	63.46
	13	11.8	374.0	78.74	353.4	73.92	332.6	69.18	322.2	66.84	311.8	64.54	291.0	59.96

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	374.0	74.36	353.4	69.86	332.6	65.42	322.2	63.24	311.8	61.06	291.0	56.80
110	-30	-30.2	157.8	77.72	156.8	78.38	155.6	79.00	155.2	79.34	154.6	79.64	153.4	80.26
	-24.8	-25	183.8	81.88	182.4	82.58	181.2	83.30	180.4	83.64	179.8	84.00	178.6	84.66
	-21.8	-22	199.8	84.28	198.4	85.04	197.0	85.80	196.2	86.16	195.6	86.52	194.4	87.26
	-19.8	-20	211.0	85.90	209.6	86.70	208.2	87.46	207.4	87.84	206.8	88.24	205.2	88.96
	-18.8	-19	216.8	86.72	215.2	87.52	213.8	88.30	213.0	88.70	212.4	89.08	211.0	89.84
	-16.7	-17	228.8	88.38	227.2	89.20	225.6	90.02	224.8	90.42	224.0	90.82	222.6	91.58
	-15	-15.9	235.8	89.34	234.4	90.18	232.6	91.02	231.8	91.42	231.2	91.82	229.6	92.62
	-13.7	-15	242.4	90.22	240.8	91.08	239.4	91.94	238.4	92.36	237.6	92.76	236.2	93.58
	-11.8	-13	254.6	91.82	252.8	92.72	251.2	93.56	250.2	94.00	249.6	94.40	247.8	95.24
	-9.8	-11	268.2	93.54	266.2	94.46	264.4	95.36	263.6	95.76	262.6	96.20	259.4	96.30
	-9.5	-10	274.6	94.36	272.8	95.28	270.8	96.18	270.0	96.62	269.0	97.06	262.8	95.68
	-8.5	-9.1	281.0	95.18	279.0	96.10	277.2	97.00	276.2	97.46	275.4	97.88	266.2	95.10
	-7	-7.6	292.0	96.54	290.0	97.46	288.0	98.40	286.4	98.56	281.6	97.10	266.8	91.74
	-5	-5.6	307.0	98.36	305.0	99.34	299.2	98.52	294.2	97.14	286.0	94.06	266.8	87.08
	-3	-3.7	322.2	100.2	317.0	99.80	304.8	96.14	295.4	92.76	286.0	89.40	266.8	82.82
	0	-0.7	340.0	100.0	323.8	95.00	304.8	88.72	295.4	85.64	286.0	82.56	266.8	76.54
	3	2.2	343.0	93.72	323.8	87.86	304.8	82.14	295.4	79.30	286.0	76.50	266.8	71.00
	5	4.1	343.0	89.04	323.8	83.54	304.8	78.12	295.4	75.46	286.0	72.82	266.8	67.62
	7	6	343.0	84.58	323.8	79.36	304.8	74.22	295.4	71.68	286.0	69.18	266.8	64.26
	9	7.9	343.0	80.12	323.8	75.20	304.8	70.38	295.4	68.00	286.0	65.66	266.8	61.00
	11	9.8	343.0	75.84	323.8	71.24	304.8	66.70	295.4	64.46	286.0	62.26	266.8	57.90
	13	11.8	343.0	71.52	323.8	67.22	304.8	63.00	295.4	60.90	286.0	58.84	266.8	54.76
	15	13.7	343.0	67.62	323.8	63.60	304.8	59.64	295.4	57.66	286.0	55.72	266.8	51.90
100	-30	-30.2	157.0	78.22	156.0	78.84	154.8	79.50	154.2	79.80	153.8	80.10	152.6	80.72
	-24.8	-25	182.6	82.52	181.2	83.22	180.0	83.92	179.4	84.24	178.8	84.60	177.6	85.26
	-21.8	-22	198.4	85.02	197.0	85.78	195.8	86.50	195.0	86.86	194.4	87.22	193.2	87.94
	-19.8	-20	209.6	86.72	208.0	87.50	206.6	88.24	206.0	88.62	205.2	89.00	203.8	89.72
	-18.8	-19	215.2	87.58	213.8	88.36	212.2	89.12	211.6	89.52	210.8	89.88	209.4	90.62
	-16.7	-17	227.0	89.32	225.4	90.12	224.0	90.92	223.2	91.32	222.4	91.68	221.0	92.44
	-15	-15.9	234.0	90.34	232.4	91.16	230.8	91.96	230.0	92.36	229.2	92.76	227.8	93.52
	-13.7	-15	240.4	91.26	239.0	92.12	237.6	92.94	236.8	93.34	236.0	93.76	234.6	94.54
	-11.8	-13	252.4	92.94	250.8	93.80	249.0	94.64	248.2	95.06	247.4	95.46	240.4	93.40
	-9.8	-11	265.6	94.78	264.0	95.66	262.2	96.52	260.4	96.56	256.2	95.14	242.4	89.88
	-9.5	-10	272.0	95.64	270.0	96.52	268.2	97.36	263.8	95.94	259.6	94.56	242.4	87.78
	-8.5	-9.1	278.2	96.50	276.4	97.40	271.6	96.74	267.0	95.36	260.0	92.60	242.4	85.78
	-7	-7.6	289.0	97.94	286.0	98.38	277.2	95.76	268.4	92.40	260.0	89.10	242.4	82.56
	-5	-5.6	303.0	99.50	293.8	97.00	277.2	90.86	268.4	87.72	260.0	84.58	242.4	78.42
	-3	-3.7	310.8	98.12	294.4	92.46	277.2	86.40	268.4	83.40	260.0	80.44	242.4	74.64
	0	-0.7	311.8	90.98	294.4	85.34	277.2	79.82	268.4	77.08	260.0	74.40	242.4	69.06
	3	2.2	311.8	84.20	294.4	79.04	277.2	73.98	268.4	71.50	260.0	69.00	242.4	64.12
	5	4.1	311.8	80.08	294.4	75.22	277.2	70.44	268.4	68.08	260.0	65.74	242.4	61.12
	7	6	311.8	76.08	294.4	71.46	277.2	66.94	268.4	64.70	260.0	62.50	242.4	58.12
	9	7.9	311.8	72.12	294.4	67.80	277.2	63.54	268.4	61.44	260.0	59.34	242.4	55.22
	11	9.8	311.8	68.34	294.4	64.28	277.2	60.28	268.4	58.30	260.0	56.34	242.4	52.46
	13	11.8	311.8	64.54	294.4	60.72	277.2	56.98	268.4	55.12	260.0	53.28	242.4	49.68
	15	13.7	311.8	61.08	294.4	57.48	277.2	53.98	268.4	52.24	260.0	50.52	242.4	47.12

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	156.0	78.82	154.8	79.44	153.8	80.06	153.4	80.36	152.6	80.66	151.8	81.26
	-24.8	-25	181.2	83.28	180.0	83.98	178.6	84.66	178.2	85.00	177.4	85.32	176.2	85.98
	-21.8	-22	196.8	85.92	195.4	86.64	194.2	87.36	193.4	87.72	192.8	88.04	191.6	88.74
	-19.8	-20	207.6	87.70	206.2	88.44	204.8	89.18	204.2	89.54	203.6	89.90	202.2	90.60
	-18.8	-19	213.4	88.60	211.8	89.38	210.4	90.10	209.6	90.48	209.0	90.84	207.6	91.56
	-16.7	-17	225.0	90.44	223.4	91.22	221.8	92.00	221.0	92.38	220.2	92.74	215.2	91.28
	-15	-15.9	231.8	91.52	230.2	92.32	228.8	93.10	228.0	93.48	226.6	93.56	218.2	90.44
	-13.7	-15	238.2	92.52	236.8	93.34	235.2	94.14	234.2	94.38	230.2	92.96	218.2	87.90
	-11.8	-13	249.8	94.28	248.2	95.10	244.0	94.58	240.0	93.26	233.8	90.76	218.2	84.12
	-9.8	-11	262.8	96.24	258.8	95.96	249.4	92.74	241.6	89.52	233.8	86.34	218.2	80.08
	-9.5	-10	268.8	97.14	262.0	95.38	249.4	90.56	241.6	87.44	233.8	84.32	218.2	78.24
	-8.5	-9.1	273.4	97.22	265.0	94.66	249.4	88.50	241.6	85.44	233.8	82.44	218.2	76.48
	-7	-7.6	279.0	96.28	265.0	91.08	249.4	85.16	241.6	82.24	233.8	79.36	218.2	73.64
	-5	-5.6	280.6	92.14	265.0	86.46	249.4	80.86	241.6	78.12	233.8	75.40	218.2	70.00
	-3	-3.7	280.6	87.60	265.0	82.24	249.4	76.94	241.6	74.34	233.8	71.76	218.2	66.66
	0	-0.7	280.6	80.92	265.0	76.00	249.4	71.18	241.6	68.80	233.8	66.44	218.2	61.78
	3	2.2	280.6	75.00	265.0	70.50	249.4	66.08	241.6	63.90	233.8	61.74	218.2	57.46
	5	4.1	280.6	71.38	265.0	67.14	249.4	62.96	241.6	60.90	233.8	58.86	218.2	54.80
	7	6	280.6	67.84	265.0	63.82	249.4	59.86	241.6	57.92	233.8	55.98	218.2	52.14
	9	7.9	280.6	64.38	265.0	60.60	249.4	56.88	241.6	55.04	233.8	53.20	218.2	49.60
	11	9.8	280.6	61.08	265.0	57.52	249.4	54.00	241.6	52.28	233.8	50.56	218.2	47.14
	13	11.8	280.6	57.72	265.0	54.40	249.4	51.10	241.6	49.50	233.8	47.86	218.2	44.70
	15	13.7	280.6	54.68	265.0	51.56	249.4	48.46	241.6	46.94	233.8	45.44	218.2	42.46
80	-30	-30.2	154.8	79.54	153.6	80.14	152.6	80.76	152.2	81.04	151.6	81.34	150.6	81.92
	-24.8	-25	179.6	84.22	178.2	84.90	177.0	85.56	176.4	85.88	175.8	86.20	174.8	86.86
	-21.8	-22	194.6	87.02	193.4	87.72	192.0	88.40	191.6	88.74	190.8	89.08	188.6	89.02
	-19.8	-20	205.4	88.88	204.0	89.62	202.8	90.34	202.0	90.68	201.0	90.84	194.0	88.04
	-18.8	-19	211.0	89.86	209.6	90.58	208.2	91.32	207.4	91.66	203.8	90.32	194.0	85.94
	-16.7	-17	222.2	91.80	220.8	92.56	217.0	91.90	213.4	90.62	207.8	88.22	194.0	81.86
	-15	-15.9	229.0	92.96	227.6	93.72	220.4	91.30	214.8	88.86	207.8	85.74	194.0	79.54
	-13.7	-15	235.4	94.04	231.0	93.24	221.8	89.46	214.8	86.34	207.8	83.26	194.0	77.22
	-11.8	-13	244.0	94.54	235.6	91.52	221.8	85.60	214.8	82.66	207.8	79.74	194.0	73.96
	-9.8	-11	249.4	92.74	235.6	87.04	221.8	81.48	214.8	78.70	207.8	75.96	194.0	70.58
	-9.5	-10	249.4	90.56	235.6	85.02	221.8	79.58	214.8	76.90	207.8	74.24	194.0	68.98
	-8.5	-9.1	249.4	88.50	235.6	83.10	221.8	77.80	214.8	75.18	207.8	72.56	194.0	67.44
	-7	-7.6	249.4	85.16	235.6	79.98	221.8	74.90	214.8	72.40	207.8	69.90	194.0	64.98
	-5	-5.6	249.4	80.86	235.6	76.00	221.8	71.20	214.8	68.82	207.8	66.46	194.0	61.82
	-3	-3.7	249.4	76.94	235.6	72.34	221.8	67.78	214.8	65.56	207.8	63.34	194.0	58.94
	0	-0.7	249.4	71.18	235.6	66.96	221.8	62.80	214.8	60.76	207.8	58.72	194.0	54.70
	3	2.2	249.4	66.08	235.6	62.20	221.8	58.40	214.8	56.52	207.8	54.62	194.0	50.94
	5	4.1	249.4	62.96	235.6	59.30	221.8	55.70	214.8	53.90	207.8	52.12	194.0	48.62
	7	6	249.4	59.86	235.6	56.40	221.8	52.98	214.8	51.30	207.8	49.62	194.0	46.30
	9	7.9	249.4	56.88	235.6	53.60	221.8	50.40	214.8	48.80	207.8	47.22	194.0	44.10
	11	9.8	249.4	54.00	235.6	50.92	221.8	47.90	214.8	46.40	207.8	44.90	194.0	41.96
	13	11.8	249.4	51.10	235.6	48.24	221.8	45.40	214.8	43.98	207.8	42.60	194.0	39.84
	15	13.7	249.4	48.46	235.6	45.76	221.8	43.10	214.8	41.78	207.8	40.48	194.0	37.86
70	-30	-30.2	153.2	80.46	152.2	81.04	151.0	81.62	150.6	81.92	150.0	82.22	149.2	82.78

41. ARUM880LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	177.2	85.40	176.2	86.06	175.0	86.68	174.4	87.00	174.0	87.30	168.6	85.14
	-21.8	-22	192.2	88.36	190.8	89.04	188.6	88.98	185.4	87.72	181.8	86.16	169.8	80.02
	-19.8	-20	202.8	90.36	200.4	90.44	194.0	88.04	188.0	85.06	181.8	82.12	169.8	76.28
	-18.8	-19	208.0	91.40	203.2	89.94	194.0	85.94	188.0	83.04	181.8	80.18	169.8	74.48
	-16.7	-17	215.2	91.24	206.2	87.40	194.0	81.86	188.0	79.12	181.8	76.38	169.8	71.00
	-15	-15.9	218.2	90.44	206.2	84.96	194.0	79.54	188.0	76.84	181.8	74.16	169.8	68.88
	-13.7	-15	218.2	87.90	206.2	82.52	194.0	77.22	188.0	74.60	181.8	72.00	169.8	66.88
	-11.8	-13	218.2	84.12	206.2	79.00	194.0	73.96	188.0	71.44	181.8	68.98	169.8	64.10
	-9.8	-11	218.2	80.08	206.2	75.28	194.0	70.58	188.0	68.24	181.8	65.92	169.8	61.28
	-9.5	-10	218.2	78.24	206.2	73.58	194.0	68.98	188.0	66.70	181.8	64.44	169.8	60.00
	-8.5	-9.1	218.2	76.48	206.2	71.94	194.0	67.44	188.0	65.22	181.8	63.02	169.8	58.68
	-7	-7.6	218.2	73.64	206.2	69.28	194.0	64.98	188.0	62.86	181.8	60.76	169.8	56.58
	-5	-5.6	218.2	70.00	206.2	65.88	194.0	61.84	188.0	59.82	181.8	57.84	169.8	53.88
	-3	-3.7	218.2	66.66	206.2	62.78	194.0	58.94	188.0	57.04	181.8	55.16	169.8	51.42
	0	-0.7	218.2	61.78	206.2	58.22	194.0	54.70	188.0	52.96	181.8	51.24	169.8	47.80
	3	2.2	218.2	57.46	206.2	54.18	194.0	50.94	188.0	49.34	181.8	47.76	169.8	44.60
	5	4.1	218.2	54.80	206.2	51.68	194.0	48.62	188.0	47.08	181.8	45.58	169.8	42.60
	7	6	218.2	52.14	206.2	49.22	194.0	46.30	188.0	44.88	181.8	43.44	169.8	40.62
	9	7.9	218.2	49.60	206.2	46.82	194.0	44.10	188.0	42.74	181.8	41.40	169.8	38.74
	11	9.8	218.2	47.14	206.2	44.54	194.0	41.96	188.0	40.70	181.8	39.42	169.8	36.92
	13	11.8	218.2	44.70	206.2	42.24	194.0	39.84	188.0	38.64	181.8	37.44	169.8	35.08
	15	13.7	218.2	42.46	206.2	40.16	194.0	37.86	188.0	36.74	181.8	35.64	169.8	33.40
60	-30	-30.2	151.0	81.64	150.2	82.22	149.2	82.78	148.6	83.06	148.0	83.34	144.0	81.50
	-24.8	-25	174.6	86.92	172.2	86.62	166.4	84.10	161.0	81.32	155.8	78.54	145.6	73.04
	-21.8	-22	185.0	87.52	176.8	83.52	166.4	78.30	161.0	75.70	155.8	73.14	145.6	68.04
	-19.8	-20	187.0	84.64	176.8	79.62	166.4	74.64	161.0	72.20	155.8	69.76	145.6	64.92
	-18.8	-19	187.0	82.64	176.8	77.72	166.4	72.90	161.0	70.50	155.8	68.12	145.6	63.42
	-16.7	-17	187.0	78.72	176.8	74.08	166.4	69.48	161.0	67.20	155.8	64.96	145.6	60.50
	-15	-15.9	187.0	76.46	176.8	71.90	166.4	67.40	161.0	65.18	155.8	62.98	145.6	58.60
	-13.7	-15	187.0	74.24	176.8	69.82	166.4	65.46	161.0	63.30	155.8	61.16	145.6	56.94
	-11.8	-13	187.0	71.10	176.8	66.86	166.4	62.70	161.0	60.64	155.8	58.62	145.6	54.58
	-9.8	-11	187.0	67.90	176.8	63.92	166.4	59.96	161.0	57.98	155.8	56.04	145.6	52.20
	-9.5	-10	187.0	66.36	176.8	62.52	166.4	58.74	161.0	56.84	155.8	54.98	145.6	51.28
	-8.5	-9.1	187.0	64.90	176.8	61.14	166.4	57.46	161.0	55.62	155.8	53.80	145.6	50.18
	-7	-7.6	187.0	62.56	176.8	58.96	166.4	55.40	161.0	53.64	155.8	51.90	145.6	48.42
	-5	-5.6	187.0	59.52	176.8	56.14	166.4	52.78	161.0	51.12	155.8	49.46	145.6	46.20
	-3	-3.7	187.0	56.78	176.8	53.54	166.4	50.36	161.0	48.80	155.8	47.22	145.6	44.12
	0	-0.7	187.0	52.70	176.8	49.76	166.4	46.84	161.0	45.38	155.8	43.96	145.6	41.10
	3	2.2	187.0	49.12	176.8	46.40	166.4	43.70	161.0	42.38	155.8	41.06	145.6	38.44
	5	4.1	187.0	46.88	176.8	44.30	166.4	41.76	161.0	40.48	155.8	39.22	145.6	36.74
	7	6	187.0	44.66	176.8	42.24	166.4	39.82	161.0	38.64	155.8	37.44	145.6	35.08
	9	7.9	187.0	42.56	176.8	40.26	166.4	37.98	161.0	36.84	155.8	35.72	145.6	33.50
	11	9.8	187.0	40.52	176.8	38.36	166.4	36.20	161.0	35.14	155.8	34.10	145.6	32.00
	13	11.8	187.0	38.46	176.8	36.42	166.4	34.42	161.0	33.42	155.8	32.42	145.6	30.46
	15	13.7	187.0	36.60	176.8	34.66	166.4	32.78	161.0	31.86	155.8	30.92	145.6	29.06
50	-30	-30.2	148.2	83.24	145.0	81.90	138.6	78.50	134.2	75.94	129.8	73.38	121.4	68.34
	-24.8	-25	155.8	78.54	147.4	73.96	138.6	69.44	134.2	67.18	129.8	64.96	121.4	60.54

41. ARUM880LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	155.8	73.14	147.4	68.90	138.6	64.70	134.2	62.64	129.8	60.58	121.4	56.50
	-19.8	-20	155.8	69.76	147.4	65.72	138.6	61.74	134.2	59.78	129.8	57.84	121.4	53.94
	-18.8	-19	155.8	68.14	147.4	64.20	138.6	60.32	134.2	58.40	129.8	56.50	121.4	52.72
	-16.7	-17	155.8	64.96	147.4	61.24	138.6	57.56	134.2	55.74	129.8	53.92	121.4	50.34
	-15	-15.9	155.8	62.98	147.4	59.32	138.6	55.76	134.2	53.96	129.8	52.20	121.4	48.72
	-13.7	-15	155.8	61.16	147.4	57.62	138.6	54.16	134.2	52.44	129.8	50.72	121.4	47.34
	-11.8	-13	155.8	58.62	147.4	55.24	138.6	51.92	134.2	50.28	129.8	48.64	121.4	45.42
	-9.8	-11	155.8	56.04	147.4	52.84	138.6	49.68	134.2	48.12	129.8	46.54	121.4	43.48
	-9.5	-10	155.8	54.98	147.4	51.90	138.6	48.84	134.2	47.34	129.8	45.84	121.4	42.86
	-8.5	-9.1	155.8	53.80	147.4	50.80	138.6	47.82	134.2	46.34	129.8	44.88	121.4	41.96
	-7	-7.6	155.8	51.90	147.4	49.00	138.6	46.14	134.2	44.74	129.8	43.34	121.4	40.56
	-5	-5.6	155.8	49.46	147.4	46.74	138.6	44.02	134.2	42.68	129.8	41.36	121.4	38.72
	-3	-3.7	155.8	47.22	147.4	44.66	138.6	42.10	134.2	40.82	129.8	39.56	121.4	37.06
	0	-0.7	155.8	43.96	147.4	41.58	138.6	39.22	134.2	38.06	129.8	36.90	121.4	34.60
	3	2.2	155.8	41.06	147.4	38.86	138.6	36.70	134.2	35.64	129.8	34.56	121.4	32.44
	5	4.1	155.8	39.22	147.4	37.16	138.6	35.10	134.2	34.08	129.8	33.06	121.4	31.06
	7	6	155.8	37.44	147.4	35.48	138.6	33.54	134.2	32.56	129.8	31.62	121.4	29.72
	9	7.9	155.8	35.72	147.4	33.88	138.6	32.04	134.2	31.12	129.8	30.22	121.4	28.44
	11	9.8	155.8	34.10	147.4	32.34	138.6	30.60	134.2	29.76	129.8	28.90	121.4	27.20
	13	11.8	155.8	32.42	147.4	30.78	138.6	29.16	134.2	28.34	129.8	27.54	121.4	25.94
	15	13.7	155.8	30.92	147.4	29.36	138.6	27.82	134.2	27.08	129.8	26.32	121.4	24.80

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

41.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	159.4	76.96	158.2	77.62	156.8	78.28	156.4	78.58	155.8	78.92	154.6	79.56
	-24.8	-25	185.6	80.86	184.2	81.60	182.8	82.32	182.2	82.68	181.6	83.06	180.2	83.76
	-21.8	-22	201.8	83.10	200.4	83.90	199.2	84.66	198.4	85.04	197.8	85.42	196.2	86.16
	-19.8	-20	213.4	84.62	212.0	85.42	210.4	86.22	209.6	86.62	209.0	87.02	207.6	87.80
	-18.8	-19	219.4	85.36	217.6	86.20	216.2	87.02	215.4	87.42	214.6	87.82	213.2	88.60
	-16.7	-17	231.4	86.90	230.0	87.74	228.4	88.60	227.4	89.02	226.8	89.42	225.2	90.24
	-15	-15.9	239.0	87.78	237.2	88.66	235.6	89.52	234.8	89.94	233.8	90.36	232.4	91.18
	-13.7	-15	245.4	88.56	243.8	89.46	242.2	90.34	241.4	90.78	240.6	91.22	239.2	92.06
	-11.8	-13	258.0	90.04	256.2	90.96	254.6	91.86	253.6	92.30	252.8	92.74	251.0	93.62
	-9.8	-11	272.0	91.62	270.0	92.56	268.2	93.48	267.4	93.94	266.4	94.38	264.6	95.26
	-9.5	-10	278.6	92.34	276.8	93.30	275.0	94.24	274.0	94.70	273.0	95.18	271.0	96.06
	-8.5	-9.1	285.4	93.08	283.2	94.04	281.4	94.98	280.4	95.46	279.6	95.92	277.6	96.84
	-7	-7.6	296.6	94.28	294.6	95.28	292.6	96.26	291.6	96.72	290.4	97.20	288.6	98.12
	-5	-5.6	312.4	95.92	310.2	96.94	308.0	97.94	307.0	98.42	305.8	98.92	303.6	99.88
	-3	-3.7	327.8	97.50	325.6	98.56	323.4	99.58	322.2	100.1	321.2	100.6	312.6	98.60
	0	-0.7	353.4	100.1	351.0	101.1	348.6	102.2	342.8	100.8	337.2	99.36	315.4	92.10
	3	2.2	379.2	102.6	373.8	102.6	360.4	99.12	349.0	95.60	337.8	92.10	315.4	85.24
	5	4.1	383.6	99.00	360.8	92.32	338.2	85.76	326.8	82.54	315.4	79.34	292.6	73.06
	7	6	361.4	85.68	338.4	79.54	315.4	73.56	304.0	70.60	292.2	67.68	269.2	61.92
	9	7.9	338.4	73.32	315.2	67.80	291.8	62.36	280.2	59.70	268.4	57.06	245.0	51.84
	11	9.8	314.6	62.12	291.2	57.18	267.6	52.30	255.8	49.92	243.8	47.52	220.0	42.82
	13	11.8	290.0	51.90	266.2	47.50	242.4	43.18	230.6	41.04	218.6	38.92	194.2	34.74
	15	13.7	264.4	42.92	240.6	39.04	216.4	35.20	204.2	33.30	192.2	31.44	167.6	27.72
120	-30	-30.2	158.6	77.30	157.4	77.96	156.4	78.60	155.8	78.92	155.2	79.24	154.2	79.88
	-24.8	-25	184.6	81.32	183.4	82.04	182.0	82.78	181.4	83.14	180.8	83.48	179.4	84.18
	-21.8	-22	201.0	83.66	199.6	84.42	198.0	85.18	197.4	85.56	196.6	85.92	195.4	86.66
	-19.8	-20	212.2	85.22	210.8	86.02	209.4	86.80	208.6	87.20	207.8	87.56	206.4	88.34
	-18.8	-19	218.2	86.00	216.6	86.80	215.0	87.62	214.2	88.02	213.6	88.40	212.0	89.18
	-16.7	-17	230.2	87.58	228.8	88.42	227.0	89.26	226.2	89.66	225.6	90.06	224.0	90.86
	-15	-15.9	237.4	88.50	236.0	89.36	234.2	90.22	233.4	90.62	232.6	91.04	231.2	91.86
	-13.7	-15	244.0	89.34	242.4	90.22	241.0	91.08	240.2	91.52	239.2	91.92	237.8	92.76
	-11.8	-13	256.6	90.86	254.8	91.78	253.0	92.66	252.2	93.08	251.4	93.52	249.6	94.36
	-9.8	-11	270.4	92.52	268.2	93.44	266.4	94.34	265.6	94.78	264.6	95.22	263.0	96.10
	-9.5	-10	276.8	93.28	275.0	94.22	273.0	95.14	272.0	95.60	271.2	96.04	269.4	96.92
	-8.5	-9.1	283.4	94.06	281.4	95.00	279.4	95.92	278.4	96.38	277.6	96.84	275.8	97.74
	-7	-7.6	294.4	95.32	292.6	96.28	290.4	97.24	289.4	97.70	288.6	98.18	284.0	97.92
	-5	-5.6	309.8	97.04	307.6	98.06	305.6	99.04	304.6	99.50	302.8	99.60	291.0	95.98
	-3	-3.7	325.2	98.74	323.0	99.76	320.8	100.8	316.0	99.58	310.8	98.12	291.0	91.24
	0	-0.7	350.2	101.5	345.2	101.4	332.6	97.88	322.2	94.40	311.8	90.98	291.0	84.22
	3	2.2	369.4	101.5	353.4	96.96	332.6	90.52	322.2	87.34	311.8	84.20	291.0	78.02
	5	4.1	354.2	90.34	333.2	84.34	312.2	78.44	301.8	75.54	291.2	72.66	270.2	67.00
	7	6	333.6	78.26	312.4	72.76	291.2	67.38	280.6	64.70	269.8	62.10	248.6	56.88
	9	7.9	312.4	67.10	290.8	62.14	269.4	57.26	258.8	54.86	247.8	52.46	226.2	47.74
	11	9.8	290.4	57.00	268.8	52.54	247.0	48.14	236.2	45.98	225.2	43.82	203.2	39.56
	13	11.8	267.6	47.74	245.8	43.76	223.8	39.84	212.8	37.92	201.6	36.00	179.2	32.20

41. ARUM880LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	244.2	39.60	222.0	36.08	199.8	32.60	188.6	30.90	177.4	29.20	154.6	25.82
110	-30	-30.2	157.8	77.72	156.8	78.38	155.6	79.00	155.2	79.34	154.6	79.64	153.4	80.26
	-24.8	-25	183.8	81.88	182.4	82.58	181.2	83.30	180.4	83.64	179.8	84.00	178.6	84.66
	-21.8	-22	199.8	84.28	198.4	85.04	197.0	85.80	196.2	86.16	195.6	86.52	194.4	87.26
	-19.8	-20	211.0	85.90	209.6	86.70	208.2	87.46	207.4	87.84	206.8	88.24	205.2	88.96
	-18.8	-19	216.8	86.72	215.2	87.52	213.8	88.30	213.0	88.70	212.4	89.08	211.0	89.84
	-16.7	-17	228.8	88.38	227.2	89.20	225.6	90.02	224.8	90.42	224.0	90.82	222.6	91.58
	-15	-15.9	235.8	89.34	234.4	90.18	232.6	91.02	231.8	91.42	231.2	91.82	229.6	92.62
	-13.7	-15	242.4	90.22	240.8	91.08	239.4	91.94	238.4	92.36	237.6	92.76	236.2	93.58
	-11.8	-13	254.6	91.82	252.8	92.72	251.2	93.56	250.2	94.00	249.6	94.40	247.8	95.24
	-9.8	-11	268.2	93.54	266.2	94.46	264.4	95.36	263.6	95.76	262.6	96.20	259.4	96.30
	-9.5	-10	274.6	94.36	272.8	95.28	270.8	96.18	270.0	96.62	269.0	97.06	262.8	95.68
	-8.5	-9.1	281.0	95.18	279.0	96.10	277.2	97.00	276.2	97.46	275.4	97.88	266.2	95.10
	-7	-7.6	292.0	96.54	290.0	97.46	288.0	98.40	286.4	98.56	281.6	97.10	266.8	91.74
	-5	-5.6	307.0	98.36	305.0	99.34	299.2	98.52	294.2	97.14	286.0	94.06	266.8	87.08
	-3	-3.7	322.2	100.2	317.0	99.80	304.8	96.14	295.4	92.76	286.0	89.40	266.8	82.82
	0	-0.7	340.0	100.0	323.8	95.00	304.8	88.72	295.4	85.64	286.0	82.56	266.8	76.54
	3	2.2	343.0	93.72	323.8	87.86	304.8	82.14	295.4	79.30	286.0	76.50	266.8	71.00
	5	4.1	324.6	81.92	305.4	76.58	286.2	71.32	276.6	68.74	267.0	66.16	247.6	61.08
	7	6	305.8	71.08	286.4	66.18	267.0	61.36	257.0	59.00	247.4	56.62	227.8	51.98
	9	7.9	286.4	61.06	266.6	56.62	247.0	52.28	237.2	50.12	227.2	47.98	207.2	43.74
	11	9.8	266.2	52.00	246.4	48.00	226.6	44.06	216.4	42.12	206.4	40.20	186.2	36.36
	13	11.8	245.2	43.68	225.2	40.12	205.2	36.62	195.0	34.86	184.8	33.16	164.4	29.72
	15	13.7	223.6	36.34	203.4	33.20	183.0	30.06	172.8	28.52	162.4	26.98	141.6	23.96
100	-30	-30.2	157.0	78.22	156.0	78.84	154.8	79.50	154.2	79.80	153.8	80.10	152.6	80.72
	-24.8	-25	182.6	82.52	181.2	83.22	180.0	83.92	179.4	84.24	178.8	84.60	177.6	85.26
	-21.8	-22	198.4	85.02	197.0	85.78	195.8	86.50	195.0	86.86	194.4	87.22	193.2	87.94
	-19.8	-20	209.6	86.72	208.0	87.50	206.6	88.24	206.0	88.62	205.2	89.00	203.8	89.72
	-18.8	-19	215.2	87.58	213.8	88.36	212.2	89.12	211.6	89.52	210.8	89.88	209.4	90.62
	-16.7	-17	227.0	89.32	225.4	90.12	224.0	90.92	223.2	91.32	222.4	91.68	221.0	92.44
	-15	-15.9	234.0	90.34	232.4	91.16	230.8	91.96	230.0	92.36	229.2	92.76	227.8	93.52
	-13.7	-15	240.4	91.26	239.0	92.12	237.6	92.94	236.8	93.34	236.0	93.76	234.6	94.54
	-11.8	-13	252.4	92.94	250.8	93.80	249.0	94.64	248.2	95.06	247.4	95.46	240.4	93.40
	-9.8	-11	265.6	94.78	264.0	95.66	262.2	96.52	260.4	96.56	256.2	95.14	242.4	89.88
	-9.5	-10	272.0	95.64	270.0	96.52	268.2	97.36	263.8	95.94	259.6	94.56	242.4	87.78
	-8.5	-9.1	278.2	96.50	276.4	97.40	271.6	96.74	267.0	95.36	260.0	92.60	242.4	85.78
	-7	-7.6	289.0	97.94	286.0	98.38	277.2	95.76	268.4	92.40	260.0	89.10	242.4	82.56
	-5	-5.6	303.0	99.50	293.8	97.00	277.2	90.86	268.4	87.72	260.0	84.58	242.4	78.42
	-3	-3.7	310.8	98.12	294.4	92.46	277.2	86.40	268.4	83.40	260.0	80.44	242.4	74.64
	0	-0.7	311.8	90.98	294.4	85.34	277.2	79.82	268.4	77.08	260.0	74.40	242.4	69.06
	3	2.2	311.8	84.20	294.4	79.04	277.2	73.98	268.4	71.50	260.0	69.00	242.4	64.12
	5	4.1	295.2	73.76	277.6	69.04	260.2	64.40	251.4	62.10	242.6	59.82	225.0	55.30
	7	6	278.0	64.08	260.4	59.76	242.6	55.50	233.8	53.40	224.8	51.30	207.2	47.16
	9	7.9	260.4	55.20	242.4	51.28	224.4	47.40	215.6	45.48	206.4	43.60	188.4	39.84
	11	9.8	242.0	47.12	224.0	43.60	205.8	40.08	196.8	38.36	187.6	36.64	169.4	33.24
	13	11.8	223.0	39.70	205.0	36.54	186.6	33.42	177.4	31.86	168.0	30.34	149.4	27.28
	15	13.7	203.4	33.16	185.0	30.34	166.4	27.58	157.2	26.20	147.8	24.82	128.8	22.12

41. ARUM880LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	156.0	78.82	154.8	79.44	153.8	80.06	153.4	80.36	152.6	80.66	151.8	81.26
	-24.8	-25	181.2	83.28	180.0	83.98	178.6	84.66	178.2	85.00	177.4	85.32	176.2	85.98
	-21.8	-22	196.8	85.92	195.4	86.64	194.2	87.36	193.4	87.72	192.8	88.04	191.6	88.74
	-19.8	-20	207.6	87.70	206.2	88.44	204.8	89.18	204.2	89.54	203.6	89.90	202.2	90.60
	-18.8	-19	213.4	88.60	211.8	89.38	210.4	90.10	209.6	90.48	209.0	90.84	207.6	91.56
	-16.7	-17	225.0	90.44	223.4	91.22	221.8	92.00	221.0	92.38	220.2	92.74	215.2	91.28
	-15	-15.9	231.8	91.52	230.2	92.32	228.8	93.10	228.0	93.48	226.6	93.56	218.2	90.44
	-13.7	-15	238.2	92.52	236.8	93.34	235.2	94.14	234.2	94.38	230.2	92.96	218.2	87.90
	-11.8	-13	249.8	94.28	248.2	95.10	244.0	94.58	240.0	93.26	233.8	90.76	218.2	84.12
	-9.8	-11	262.8	96.24	258.8	95.96	249.4	92.74	241.6	89.52	233.8	86.34	218.2	80.08
	-9.5	-10	268.8	97.14	262.0	95.38	249.4	90.56	241.6	87.44	233.8	84.32	218.2	78.24
	-8.5	-9.1	273.4	97.22	265.0	94.66	249.4	88.50	241.6	85.44	233.8	82.44	218.2	76.48
	-7	-7.6	279.0	96.28	265.0	91.08	249.4	85.16	241.6	82.24	233.8	79.36	218.2	73.64
	-5	-5.6	280.6	92.14	265.0	86.46	249.4	80.86	241.6	78.12	233.8	75.40	218.2	70.00
	-3	-3.7	280.6	87.60	265.0	82.24	249.4	76.94	241.6	74.34	233.8	71.76	218.2	66.66
	0	-0.7	280.6	80.92	265.0	76.00	249.4	71.18	241.6	68.80	233.8	66.44	218.2	61.78
	3	2.2	280.6	75.00	265.0	70.50	249.4	66.08	241.6	63.90	233.8	61.74	218.2	57.46
	5	4.1	265.6	65.84	250.0	61.70	234.2	57.64	226.2	55.62	218.4	53.62	202.4	49.64
	7	6	250.2	57.30	234.4	53.52	218.4	49.78	210.4	47.94	202.4	46.10	186.4	42.48
	9	7.9	234.2	49.48	218.2	46.06	202.0	42.64	194.0	40.98	186.0	39.30	169.8	35.98
	11	9.8	217.8	42.38	201.6	39.26	185.2	36.20	177.0	34.68	169.0	33.16	152.4	30.16
	13	11.8	200.6	35.84	184.4	33.06	168.0	30.30	159.6	28.94	151.4	27.58	134.6	24.88
	15	13.7	183.0	30.06	166.4	27.58	150.0	25.14	141.4	23.92	133.0	22.70	115.8	20.30
80	-30	-30.2	154.8	79.54	153.6	80.14	152.6	80.76	152.2	81.04	151.6	81.34	150.6	81.92
	-24.8	-25	179.6	84.22	178.2	84.90	177.0	85.56	176.4	85.88	175.8	86.20	174.8	86.86
	-21.8	-22	194.6	87.02	193.4	87.72	192.0	88.40	191.6	88.74	190.8	89.08	188.6	89.02
	-19.8	-20	205.4	88.88	204.0	89.62	202.8	90.34	202.0	90.68	201.0	90.84	194.0	88.04
	-18.8	-19	211.0	89.86	209.6	90.58	208.2	91.32	207.4	91.66	203.8	90.32	194.0	85.94
	-16.7	-17	222.2	91.80	220.8	92.56	217.0	91.90	213.4	90.62	207.8	88.22	194.0	81.86
	-15	-15.9	229.0	92.96	227.6	93.72	220.4	91.30	214.8	88.86	207.8	85.74	194.0	79.54
	-13.7	-15	235.4	94.04	231.0	93.24	221.8	89.46	214.8	86.34	207.8	83.26	194.0	77.22
	-11.8	-13	244.0	94.54	235.6	91.52	221.8	85.60	214.8	82.66	207.8	79.74	194.0	73.96
	-9.8	-11	249.4	92.74	235.6	87.04	221.8	81.48	214.8	78.70	207.8	75.96	194.0	70.58
	-9.5	-10	249.4	90.56	235.6	85.02	221.8	79.58	214.8	76.90	207.8	74.24	194.0	68.98
	-8.5	-9.1	249.4	88.50	235.6	83.10	221.8	77.80	214.8	75.18	207.8	72.56	194.0	67.44
	-7	-7.6	249.4	85.16	235.6	79.98	221.8	74.90	214.8	72.40	207.8	69.90	194.0	64.98
	-5	-5.6	249.4	80.86	235.6	76.00	221.8	71.20	214.8	68.82	207.8	66.46	194.0	61.82
	-3	-3.7	249.4	76.94	235.6	72.34	221.8	67.78	214.8	65.56	207.8	63.34	194.0	58.94
	0	-0.7	249.4	71.18	235.6	66.96	221.8	62.80	214.8	60.76	207.8	58.72	194.0	54.70
	3	2.2	249.4	66.08	235.6	62.20	221.8	58.40	214.8	56.52	207.8	54.62	194.0	50.94
	5	4.1	236.2	58.14	222.2	54.58	208.2	51.04	201.2	49.30	194.0	47.56	180.0	44.14
	7	6	222.4	50.72	208.2	47.46	194.0	44.22	187.0	42.62	180.0	41.04	165.6	37.90
	9	7.9	208.2	43.92	194.0	40.96	179.6	38.00	172.4	36.56	165.4	35.10	150.8	32.22
	11	9.8	193.6	37.74	179.2	35.06	164.6	32.40	157.4	31.06	150.0	29.76	135.4	27.14
	13	11.8	178.4	32.06	163.8	29.64	149.2	27.24	141.8	26.06	134.6	24.88	119.6	22.54
	15	13.7	162.8	27.02	148.0	24.86	133.2	22.74	125.8	21.68	118.2	20.60	103.0	18.50
70	-30	-30.2	153.2	80.46	152.2	81.04	151.0	81.62	150.6	81.92	150.0	82.22	149.2	82.78

41. ARUM880LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	177.2	85.40	176.2	86.06	175.0	86.68	174.4	87.00	174.0	87.30	168.6	85.14
	-21.8	-22	192.2	88.36	190.8	89.04	188.6	88.98	185.4	87.72	181.8	86.16	169.8	80.02
	-19.8	-20	202.8	90.36	200.4	90.44	194.0	88.04	188.0	85.06	181.8	82.12	169.8	76.28
	-18.8	-19	208.0	91.40	203.2	89.94	194.0	85.94	188.0	83.04	181.8	80.18	169.8	74.48
	-16.7	-17	215.2	91.24	206.2	87.40	194.0	81.86	188.0	79.12	181.8	76.38	169.8	71.00
	-15	-15.9	218.2	90.44	206.2	84.96	194.0	79.54	188.0	76.84	181.8	74.16	169.8	68.88
	-13.7	-15	218.2	87.90	206.2	82.52	194.0	77.22	188.0	74.60	181.8	72.00	169.8	66.88
	-11.8	-13	218.2	84.12	206.2	79.00	194.0	73.96	188.0	71.44	181.8	68.98	169.8	64.10
	-9.8	-11	218.2	80.08	206.2	75.28	194.0	70.58	188.0	68.24	181.8	65.92	169.8	61.28
	-9.5	-10	218.2	78.24	206.2	73.58	194.0	68.98	188.0	66.70	181.8	64.44	169.8	60.00
	-8.5	-9.1	218.2	76.48	206.2	71.94	194.0	67.44	188.0	65.22	181.8	63.02	169.8	58.68
	-7	-7.6	218.2	73.64	206.2	69.28	194.0	64.98	188.0	62.86	181.8	60.76	169.8	56.58
	-5	-5.6	218.2	70.00	206.2	65.88	194.0	61.84	188.0	59.82	181.8	57.84	169.8	53.88
	-3	-3.7	218.2	66.66	206.2	62.78	194.0	58.94	188.0	57.04	181.8	55.16	169.8	51.42
	0	-0.7	218.2	61.78	206.2	58.22	194.0	54.70	188.0	52.96	181.8	51.24	169.8	47.80
	3	2.2	218.2	57.46	206.2	54.18	194.0	50.94	188.0	49.34	181.8	47.76	169.8	44.60
	5	4.1	206.6	50.68	194.4	47.64	182.2	44.64	176.0	43.16	169.8	41.68	157.6	38.76
	7	6	194.6	44.32	182.2	41.56	169.8	38.82	163.6	37.44	157.4	36.10	144.8	33.40
	9	7.9	182.2	38.54	169.8	36.00	157.2	33.50	151.0	32.26	144.6	31.02	132.0	28.56
	11	9.8	169.4	33.24	156.8	30.96	144.2	28.68	137.8	27.56	131.4	26.42	118.4	24.18
	13	11.8	156.2	28.36	143.4	26.30	130.6	24.28	124.2	23.24	117.6	22.24	104.6	20.22
	15	13.7	142.4	24.06	129.4	22.20	116.6	20.38	110.0	19.46	103.4	18.58	90.20	16.76
60	-30	-30.2	151.0	81.64	150.2	82.22	149.2	82.78	148.6	83.06	148.0	83.34	144.0	81.50
	-24.8	-25	174.6	86.92	172.2	86.62	166.4	84.10	161.0	81.32	155.8	78.54	145.6	73.04
	-21.8	-22	185.0	87.52	176.8	83.52	166.4	78.30	161.0	75.70	155.8	73.14	145.6	68.04
	-19.8	-20	187.0	84.64	176.8	79.62	166.4	74.64	161.0	72.20	155.8	69.76	145.6	64.92
	-18.8	-19	187.0	82.64	176.8	77.72	166.4	72.90	161.0	70.50	155.8	68.12	145.6	63.42
	-16.7	-17	187.0	78.72	176.8	74.08	166.4	69.48	161.0	67.20	155.8	64.96	145.6	60.50
	-15	-15.9	187.0	76.46	176.8	71.90	166.4	67.40	161.0	65.18	155.8	62.98	145.6	58.60
	-13.7	-15	187.0	74.24	176.8	69.82	166.4	65.46	161.0	63.30	155.8	61.16	145.6	56.94
	-11.8	-13	187.0	71.10	176.8	66.86	166.4	62.70	161.0	60.64	155.8	58.62	145.6	54.58
	-9.8	-11	187.0	67.90	176.8	63.92	166.4	59.96	161.0	57.98	155.8	56.04	145.6	52.20
	-9.5	-10	187.0	66.36	176.8	62.52	166.4	58.74	161.0	56.84	155.8	54.98	145.6	51.28
	-8.5	-9.1	187.0	64.90	176.8	61.14	166.4	57.46	161.0	55.62	155.8	53.80	145.6	50.18
	-7	-7.6	187.0	62.56	176.8	58.96	166.4	55.40	161.0	53.64	155.8	51.90	145.6	48.42
	-5	-5.6	187.0	59.52	176.8	56.14	166.4	52.78	161.0	51.12	155.8	49.46	145.6	46.20
	-3	-3.7	187.0	56.78	176.8	53.54	166.4	50.36	161.0	48.80	155.8	47.22	145.6	44.12
	0	-0.7	187.0	52.70	176.8	49.76	166.4	46.84	161.0	45.38	155.8	43.96	145.6	41.10
	3	2.2	187.0	49.12	176.8	46.40	166.4	43.70	161.0	42.38	155.8	41.06	145.6	38.44
	5	4.1	177.0	43.42	166.6	40.92	156.2	38.42	150.8	37.18	145.6	35.96	135.0	33.52
	7	6	166.8	38.14	156.2	35.82	145.6	33.54	140.4	32.42	135.0	31.30	124.2	29.06
	9	7.9	156.2	33.28	145.6	31.18	134.6	29.10	129.4	28.06	124.0	27.02	113.0	24.98
	11	9.8	145.2	28.86	134.2	26.96	123.6	25.06	118.0	24.12	112.6	23.18	101.6	21.30
	13	11.8	133.8	24.78	122.8	23.06	111.8	21.34	106.4	20.50	100.8	19.66	89.60	17.94
	15	13.7	122.0	21.16	111.0	19.60	99.80	18.08	94.20	17.32	88.60	16.56	77.40	15.04
50	-30	-30.2	148.2	83.24	145.0	81.90	138.6	78.50	134.2	75.94	129.8	73.38	121.4	68.34
	-24.8	-25	155.8	78.54	147.4	73.96	138.6	69.44	134.2	67.18	129.8	64.96	121.4	60.54

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	155.8	73.14	147.4	68.90	138.6	64.70	134.2	62.64	129.8	60.58	121.4	56.50
	-19.8	-20	155.8	69.76	147.4	65.72	138.6	61.74	134.2	59.78	129.8	57.84	121.4	53.94
	-18.8	-19	155.8	68.14	147.4	64.20	138.6	60.32	134.2	58.40	129.8	56.50	121.4	52.72
	-16.7	-17	155.8	64.96	147.4	61.24	138.6	57.56	134.2	55.74	129.8	53.92	121.4	50.34
	-15	-15.9	155.8	62.98	147.4	59.32	138.6	55.76	134.2	53.96	129.8	52.20	121.4	48.72
	-13.7	-15	155.8	61.16	147.4	57.62	138.6	54.16	134.2	52.44	129.8	50.72	121.4	47.34
	-11.8	-13	155.8	58.62	147.4	55.24	138.6	51.92	134.2	50.28	129.8	48.64	121.4	45.42
	-9.8	-11	155.8	56.04	147.4	52.84	138.6	49.68	134.2	48.12	129.8	46.54	121.4	43.48
	-9.5	-10	155.8	54.98	147.4	51.90	138.6	48.84	134.2	47.34	129.8	45.84	121.4	42.86
	-8.5	-9.1	155.8	53.80	147.4	50.80	138.6	47.82	134.2	46.34	129.8	44.88	121.4	41.96
	-7	-7.6	155.8	51.90	147.4	49.00	138.6	46.14	134.2	44.74	129.8	43.34	121.4	40.56
	-5	-5.6	155.8	49.46	147.4	46.74	138.6	44.02	134.2	42.68	129.8	41.36	121.4	38.72
	-3	-3.7	155.8	47.22	147.4	44.66	138.6	42.10	134.2	40.82	129.8	39.56	121.4	37.06
	0	-0.7	155.8	43.96	147.4	41.58	138.6	39.22	134.2	38.06	129.8	36.90	121.4	34.60
	3	2.2	155.8	41.06	147.4	38.86	138.6	36.70	134.2	35.64	129.8	34.56	121.4	32.44
	5	4.1	147.4	36.44	139.0	34.40	130.2	32.40	125.8	31.40	121.4	30.40	112.6	28.44
	7	6	139.0	32.14	130.2	30.28	121.4	28.44	117.0	27.52	112.6	26.62	103.4	24.78
	9	7.9	130.2	28.20	121.4	26.50	112.2	24.82	107.8	23.98	103.4	23.14	94.20	21.48
	11	9.8	121.0	24.62	112.0	23.06	103.0	21.52	98.40	20.76	93.80	19.98	84.60	18.48
	13	11.8	111.4	21.28	102.4	19.90	93.20	18.50	88.60	17.80	84.00	17.12	74.80	15.74
	15	13.7	101.6	18.34	92.40	17.08	83.20	15.84	78.60	15.20	73.80	14.58	64.40	13.34

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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41.5 Capacity Correction Factor

41.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-60	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-50	-	-	-	-	-	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-40	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-20	-	-	97.0	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
30	-	-	-	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
50	-	-	-	-	-	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
60	-	-	-	-	-	-	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
70	-	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
80	-	-	-	-	-	-	-	-	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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41.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

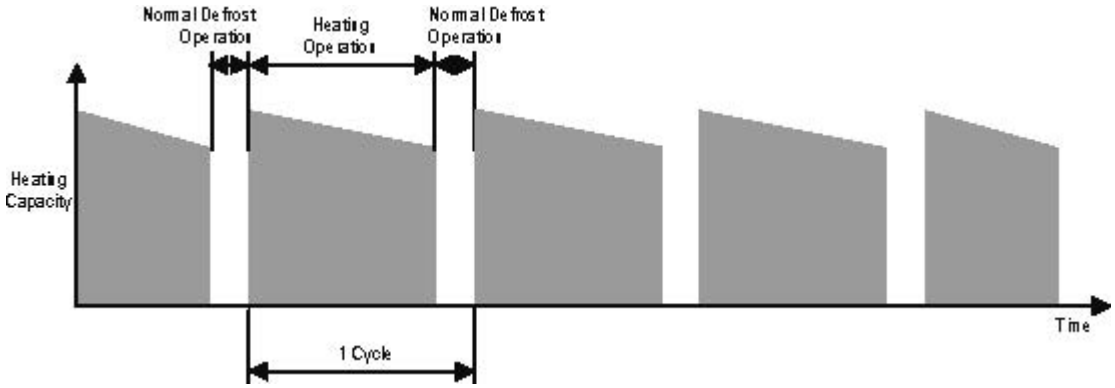
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

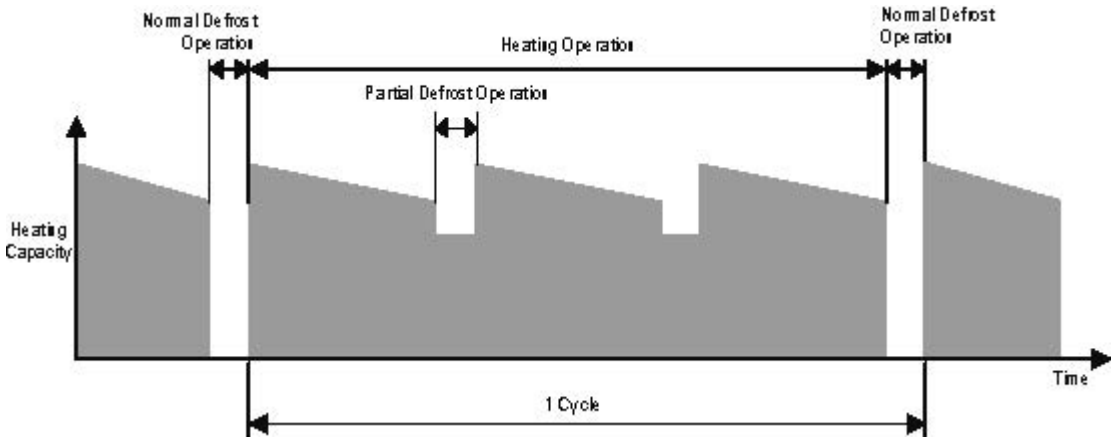
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

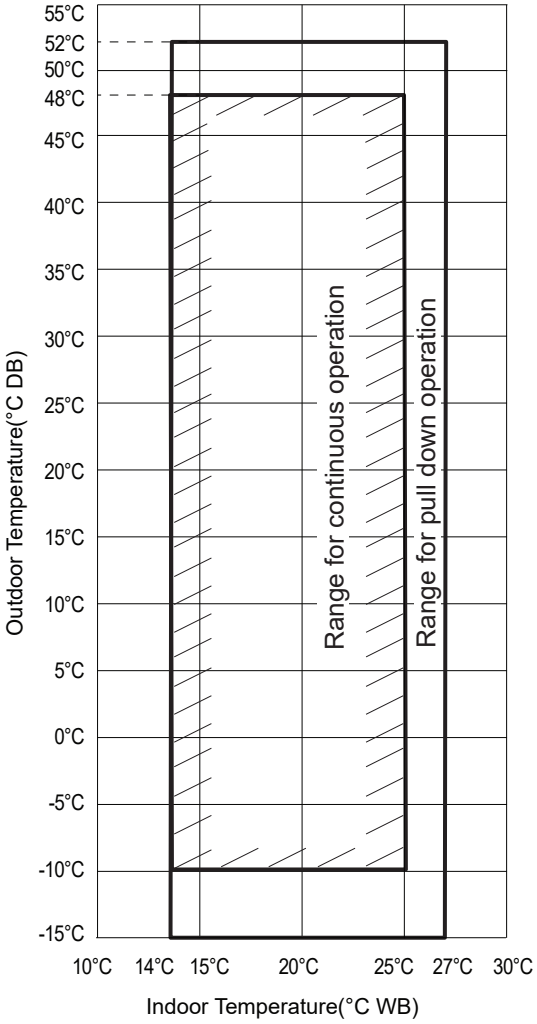


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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41.6 Operation Limits

41.6.1 Cooling

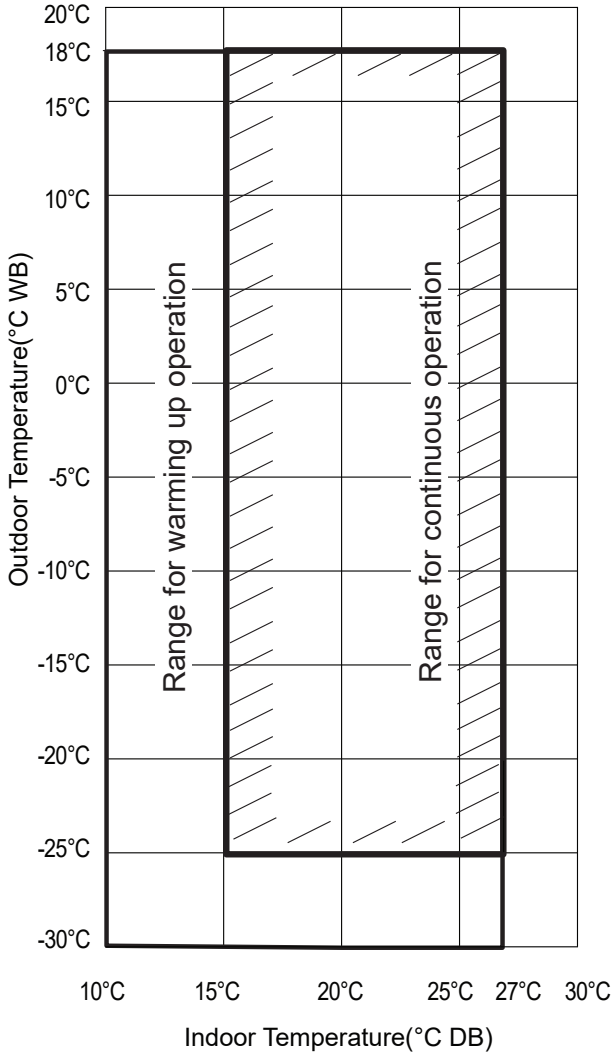


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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41.6.2 Heating

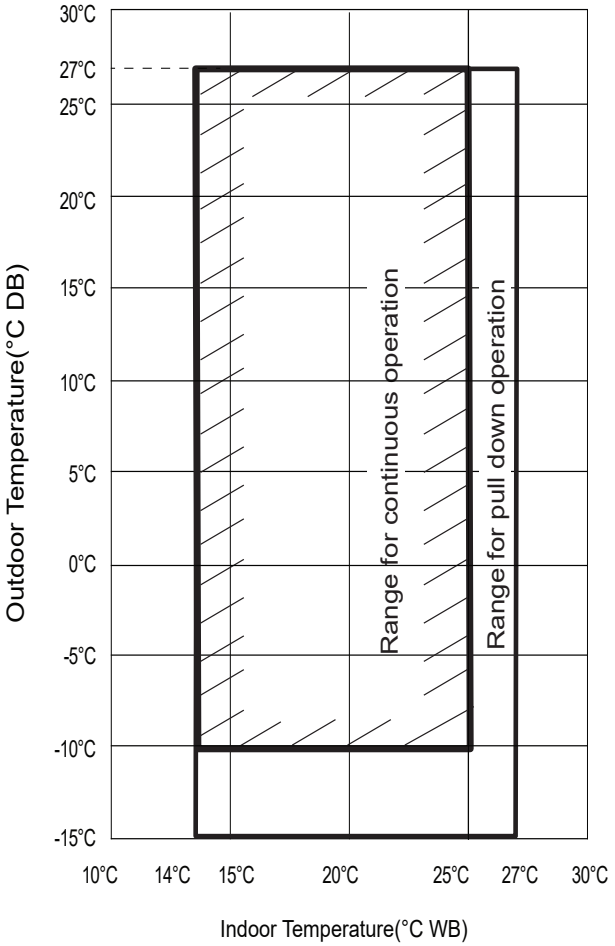


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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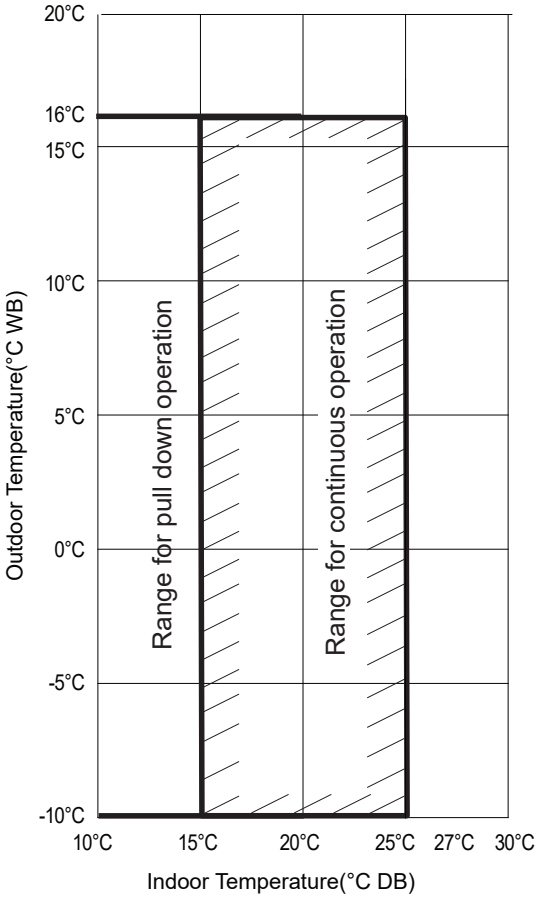
41.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

41.6.4 Simultaneous Operation (Heating)



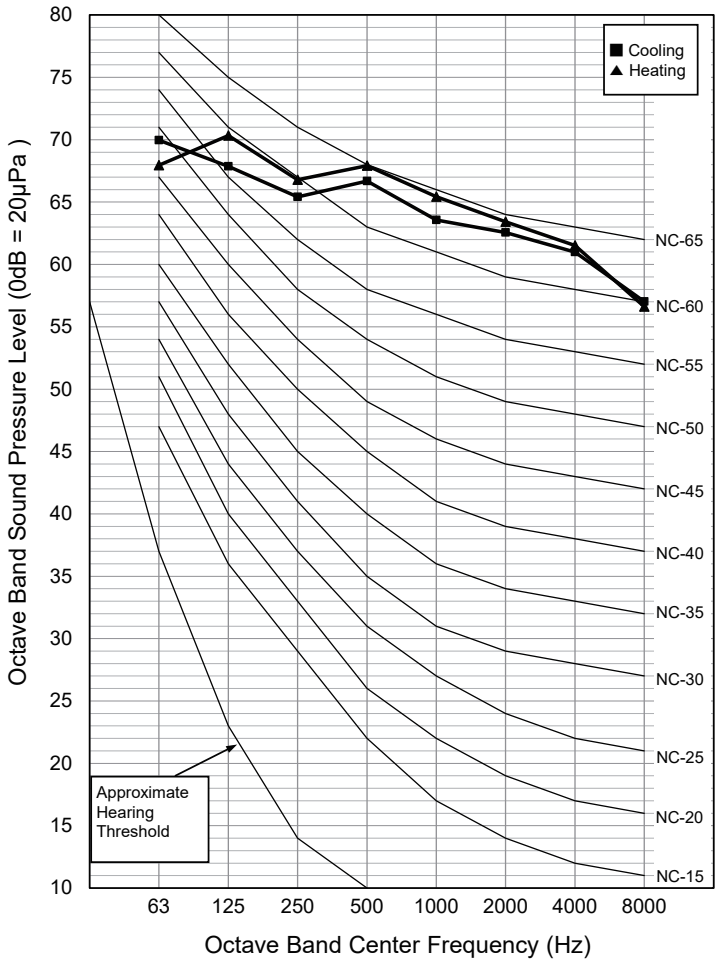
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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41.7 Sound Levels

41.7.1 Pressure Levels



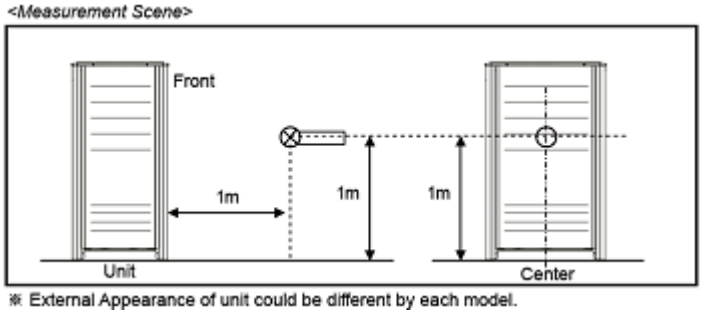
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	70.0	67.9	65.4	66.7	63.6	62.6	61.0	57.0
Heating[dB]	68.0	70.3	66.8	67.9	65.4	63.4	61.5	56.6

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	69.8 / 70.9

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

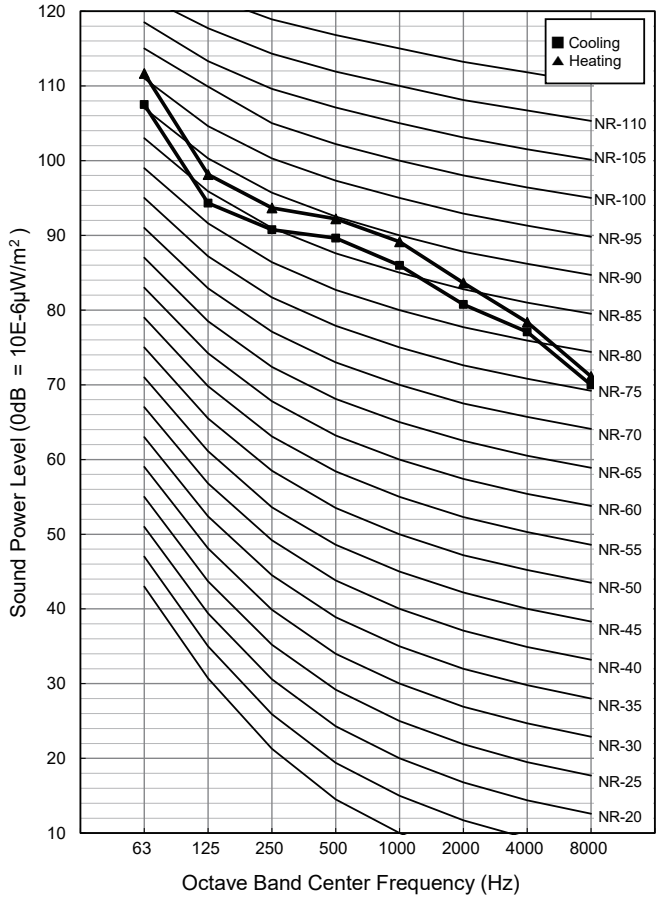
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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41.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.5	94.3	90.8	89.6	86.0	80.7	77.1	70.0
Heating[dB]	111.7	98.1	93.7	92.2	89.1	83.6	78.4	71.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.5 / 94.5

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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42.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXC + UXB
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM220LTE6
	Combination Unit (4)	-	ARUM200LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	150.04 - 142.54 - 137.39
	Running Current by Voltage (Heating,Rated)	A	107.53 - 102.15 - 98.46
Cooling Capacity	Rated	kW	252.0
		Btu/h	859,900
Heating Capacity	Rated	kW	252.0
		Btu/h	859,900
	Max	kW	283.5
		Btu/h	967,300
Power Input(Cooling)	Rated	kW	91.84
Power Input(Heating)	Rated	kW	65.82
Efficiency	EER(Rated)	W/W	2.74
	COP(Rated)	W/W	3.83
	SEER	Wh/Wh	7.36
	SCOP	Wh/Wh	4.59
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (430 x 1) + (320 × 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (900 × 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8
	Motor Output	W x No.	5,300 x 8
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	7
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	((1,640 x 1,745 x 760) x 3) + ((1,240 x 1,745 x 760) x 1)
	Shipping(W x H x D)	mm	((1,675 x 1,919 x 802) x 3) + ((1,282 x 1,919 x 802) x 1)
Weight	Net	kg	(400 x 1) + (400 x 1) + (400 x 1) + (300 x 1)
	Shipping	kg	(410 x 1) + (410 x 1) + (410 x 1) + (310 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)

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Category		Unit	Specification
Major	Minor		
Protection Device	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector
	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	64.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	133.600
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	70.2 / 71.5
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.1 / 94.3
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	202.4
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	226.0
	Comp_Maximum Starting Current (MSC)	A	47.2
	Comp_Rated Load Amperes (Cooling)	A	132.5
	Comp_Rated Load Amperes (Heating)	A	90.1
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	17.5
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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42.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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42.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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42.4 Capacity Tables

42.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	196.8	22.74	248.5	31.94	304.1	47.00	327.4	55.28	353.7	64.94	376.2	73.11	393.8	79.62
	12	196.8	24.92	248.5	35.29	304.1	51.79	327.4	60.69	353.7	70.65	376.2	78.87	393.8	85.41
	14	196.8	27.33	248.5	38.98	304.1	57.01	327.4	66.44	353.7	76.76	376.2	85.10	393.8	91.71
	16	196.8	30.03	248.5	43.06	304.1	62.73	327.4	72.63	353.7	83.27	376.2	91.82	393.8	98.52
	18	196.8	33.03	248.5	47.51	304.1	68.98	327.4	79.34	353.7	90.28	376.2	98.76	393.8	104.4
	20	196.8	36.32	248.5	52.40	304.1	75.81	327.4	86.58	353.7	96.29	376.2	103.4	393.8	108.7
	21	196.8	38.11	248.5	55.01	304.1	79.44	327.4	89.30	353.7	98.55	376.2	105.7	393.8	110.9
	23	196.8	41.96	248.5	60.61	304.1	84.80	327.4	94.25	353.7	103.3	376.2	110.5	393.8	115.7
	25	196.8	46.16	248.5	65.41	304.1	89.86	327.4	99.38	353.7	108.5	376.2	115.7	393.8	120.9
	27	196.8	50.08	248.5	69.67	304.1	95.12	327.4	104.7	353.7	114.0	376.2	121.5	393.8	126.8
	29	196.8	53.40	248.5	74.22	304.1	100.8	327.4	110.3	353.7	120.1	376.2	128.0	392.0	133.0
	31	196.8	56.93	248.5	79.11	304.1	106.9	327.4	116.5	353.7	126.8	376.2	135.2	389.2	139.6
	33	196.8	60.71	248.5	84.35	304.1	113.3	327.4	123.2	353.7	134.3	372.9	142.2	374.0	142.6
	35	196.8	64.73	248.5	89.99	304.1	120.0	327.4	130.6	349.6	140.9	349.6	141.0	349.9	141.0
	37	196.8	69.03	248.5	96.08	304.1	127.3	325.4	137.9	325.9	138.1	325.7	138.1	325.7	138.2
	39	196.8	73.61	248.5	102.7	302.2	134.4	302.3	134.5	302.3	134.5	302.0	134.4	302.0	134.4
	41	196.8	78.51	248.5	110.0	279.7	130.4	279.4	130.3	279.3	130.2	279.1	130.2	279.3	130.3
	43	196.8	83.80	248.5	118.1	257.3	124.3	257.0	124.2	257.0	124.1	257.0	124.3	256.9	124.2
	46	196.8	92.51	226.0	113.1	225.5	112.9	225.7	113.0	225.4	112.8	225.3	112.8	225.5	112.9
	48	196.8	98.94	205.8	105.6	205.6	105.6	205.6	105.5	205.5	105.5	205.6	105.5	205.4	105.5
	50	187.3	98.98	187.1	98.89	186.8	98.87	186.8	98.76	186.7	98.79	186.4	98.66	186.7	98.80
	52	167.1	88.41	168.7	84.83	169.0	81.27	168.9	80.54	169.0	79.71	169.0	79.04	169.0	78.58
120	10	181.6	20.77	229.5	28.06	280.6	39.93	302.3	46.42	326.6	54.95	347.3	62.51	363.5	68.53
	12	181.6	22.63	229.5	30.97	280.6	44.09	302.3	51.16	326.6	60.33	347.3	68.12	363.5	74.21
	14	181.6	24.72	229.5	34.15	280.6	48.67	302.3	56.34	326.6	66.10	347.3	74.21	363.5	80.33
	16	181.6	27.05	229.5	37.69	280.6	53.65	302.3	61.99	326.6	72.28	347.3	80.80	363.5	86.96
	18	181.6	29.65	229.5	41.58	280.6	59.12	302.3	68.17	326.6	78.96	347.3	87.74	363.5	94.11
	20	181.6	32.54	229.5	45.86	280.6	65.11	302.3	74.95	326.6	86.19	347.3	94.05	363.5	99.42
	21	181.6	34.10	229.5	48.16	280.6	68.30	302.3	78.55	326.6	88.92	347.3	96.39	363.5	101.7
	23	181.6	37.48	229.5	53.07	280.6	74.29	302.3	83.96	326.6	93.91	347.3	101.2	363.5	106.5
	25	181.6	41.19	229.5	58.05	280.6	79.04	302.3	89.13	326.6	99.06	347.3	106.3	363.5	111.7
	27	181.6	45.11	229.5	61.92	280.6	84.14	302.3	94.35	326.6	104.3	347.3	111.8	363.5	117.3
	29	181.6	48.11	229.5	66.00	280.6	89.62	302.3	99.96	326.6	110.0	347.3	117.7	363.5	123.6
	31	181.6	51.29	229.5	70.35	280.6	95.52	302.3	106.0	326.6	116.1	347.3	124.3	363.5	130.5
	33	181.6	54.68	229.5	74.99	280.6	101.9	302.3	112.5	326.6	122.8	347.3	131.6	363.5	138.3
	35	181.6	58.32	229.5	79.98	280.6	108.3	302.3	119.2	326.6	130.2	347.3	139.8	350.0	141.0
	37	181.6	62.20	229.5	85.32	280.6	115.2	302.3	126.4	325.3	137.8	325.9	138.2	325.7	138.1
	39	181.6	66.31	229.5	91.09	280.6	122.8	301.8	134.2	302.4	134.6	302.2	134.5	302.3	134.5
	41	181.6	70.73	229.5	97.34	279.7	130.3	279.5	130.3	279.4	130.3	279.3	130.3	279.2	130.3
	43	181.6	75.45	229.5	104.2	257.4	124.3	257.1	124.2	257.2	124.2	257.0	124.3	257.0	124.2
	46	181.6	83.18	225.8	113.1	225.7	112.9	225.7	112.9	225.7	113.0	225.4	112.9	225.5	112.9
	48	181.6	88.83	206.0	105.6	205.7	105.5	205.8	105.6	205.6	105.5	205.4	105.4	205.7	105.6
	50	181.6	94.93	187.2	98.86	186.8	98.74	186.8	98.76	186.8	98.78	186.5	98.70	186.8	98.78
	52	166.6	89.64	168.2	86.35	169.0	82.73	169.0	82.02	168.8	81.22	169.1	80.67	169.0	80.31
110	10	166.5	19.05	210.3	24.77	257.3	33.93	277.1	38.93	299.3	45.48	318.3	51.89	333.2	57.46
	12	166.5	20.63	210.3	27.21	257.3	37.51	277.1	43.01	299.3	50.14	318.3	57.07	333.2	62.82
	14	166.5	22.41	210.3	29.95	257.3	41.43	277.1	47.48	299.3	55.22	318.3	62.71	333.2	68.62

42. ARUM900LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	166.5	24.41	210.3	32.98	257.3	45.74	277.1	52.38	299.3	60.80	318.3	68.87	333.2	74.93
	18	166.5	26.65	210.3	36.34	257.3	50.49	277.1	57.71	299.3	66.90	318.3	75.51	333.2	81.79
	20	166.5	29.15	210.3	40.03	257.3	55.64	277.1	63.57	299.3	73.55	318.3	82.56	333.2	88.88
	21	166.5	30.49	210.3	42.02	257.3	58.41	277.1	66.72	299.3	77.12	318.3	85.61	333.2	91.57
	23	166.5	33.43	210.3	46.28	257.3	64.34	277.1	72.72	299.3	82.62	318.3	90.58	333.2	96.38
	25	166.5	36.68	210.3	50.97	257.3	68.94	277.1	77.45	299.3	87.83	318.3	95.74	333.2	101.4
	27	166.5	40.26	210.3	54.77	257.3	73.45	277.1	82.44	299.3	93.11	318.3	101.3	333.2	106.7
	29	166.5	43.19	210.3	58.40	257.3	78.24	277.1	87.79	299.3	98.66	318.3	106.9	333.2	112.5
	31	166.5	46.03	210.3	62.25	257.3	83.37	277.1	93.58	299.3	104.6	318.3	112.9	333.2	118.8
	33	166.5	49.07	210.3	66.37	257.3	88.91	277.1	99.85	299.3	111.1	318.3	119.3	333.2	125.6
	35	166.5	52.32	210.3	70.78	257.3	94.87	277.1	106.4	299.3	117.9	318.3	126.4	333.2	133.2
	37	166.5	55.79	210.3	75.46	257.3	101.4	277.1	113.2	299.3	125.0	318.3	134.3	326.0	138.2
	39	166.5	59.51	210.3	80.50	257.3	108.5	277.1	120.7	299.3	132.8	302.3	134.4	302.4	134.5
	41	166.5	63.47	210.3	85.93	257.3	116.4	277.1	128.9	279.6	130.3	279.2	130.2	279.4	130.3
	43	166.5	67.69	210.3	91.78	257.1	124.1	257.4	124.3	257.1	124.2	257.3	124.3	257.2	124.3
	46	166.5	74.59	210.3	101.5	225.7	113.0	225.6	112.9	225.5	112.9	225.5	112.9	225.3	112.8
	48	166.5	79.58	206.0	105.7	205.8	105.6	205.8	105.6	205.8	105.5	205.5	105.5	205.4	105.4
	50	166.5	84.96	187.2	99.01	186.9	98.80	186.8	98.82	186.8	98.72	186.8	98.77	186.8	98.85
	52	166.0	90.37	167.3	87.95	169.1	84.56	168.9	83.81	169.1	83.08	168.9	82.40	169.0	81.51
100	10	151.4	17.60	191.2	21.97	234.0	28.93	252.0	32.71	272.2	37.60	289.4	42.42	302.9	46.62
	12	151.4	18.92	191.2	24.04	234.0	31.92	252.0	36.13	272.2	41.57	289.4	46.83	302.9	51.36
	14	151.4	20.41	191.2	26.33	234.0	35.23	252.0	39.93	272.2	45.89	289.4	51.63	302.9	56.57
	16	151.4	22.09	191.2	28.87	234.0	38.90	252.0	44.08	272.2	50.65	289.4	56.89	302.9	62.24
	18	151.4	23.97	191.2	31.72	234.0	42.92	252.0	48.64	272.2	55.84	289.4	62.66	302.9	68.45
	20	151.4	26.10	191.2	34.88	234.0	47.33	252.0	53.64	272.2	61.51	289.4	68.95	302.9	75.25
	21	151.4	27.24	191.2	36.56	234.0	49.71	252.0	56.31	272.2	64.56	289.4	72.32	302.9	78.88
	23	151.4	29.76	191.2	40.23	234.0	54.79	252.0	62.03	272.2	70.61	289.4	78.11	302.9	84.26
	25	151.4	32.57	191.2	44.26	234.0	59.77	252.0	66.76	272.2	75.26	289.4	83.07	302.9	89.37
	27	151.4	35.68	191.2	48.19	234.0	63.69	252.0	71.11	272.2	80.12	289.4	88.39	302.9	94.62
	29	151.4	38.62	191.2	51.38	234.0	67.88	252.0	75.75	272.2	85.34	289.4	94.14	302.9	100.2
	31	151.4	41.12	191.2	54.77	234.0	72.36	252.0	80.74	272.2	90.95	289.4	99.97	302.9	106.3
	33	151.4	43.81	191.2	58.41	234.0	77.14	252.0	86.08	272.2	97.03	289.4	106.1	302.9	112.8
	35	151.4	46.71	191.2	62.29	234.0	82.26	252.0	91.86	272.2	103.7	289.4	112.8	302.9	119.5
	37	151.4	49.82	191.2	66.42	234.0	87.78	252.0	98.10	272.2	110.5	289.4	120.1	302.9	126.7
	39	151.4	53.12	191.2	70.83	234.0	93.73	252.0	104.9	272.2	117.7	289.4	127.6	301.9	134.3
	41	151.4	56.67	191.2	75.56	234.0	100.2	252.0	112.4	272.2	125.7	279.6	130.3	279.5	130.3
	43	151.4	60.44	191.2	80.60	234.0	107.3	252.0	120.7	257.3	124.3	257.1	124.2	257.1	124.2
	46	151.4	66.61	191.2	88.93	225.7	113.0	225.8	112.9	225.5	112.8	225.5	112.9	225.5	112.9
	48	151.4	71.05	191.2	95.04	206.1	105.6	205.8	105.6	205.7	105.5	205.7	105.5	205.7	105.5
	50	151.4	75.80	187.4	98.95	187.1	98.88	186.9	98.79	187.0	98.88	187.0	98.87	186.8	98.85
	52	151.4	80.89	167.1	88.91	168.1	86.40	168.6	85.34	168.9	84.23	169.0	83.13	169.1	82.37
90	10	136.2	16.37	172.1	19.65	210.5	24.80	226.8	27.58	244.9	31.17	260.6	34.67	272.6	37.74
	12	136.2	17.45	172.1	21.32	210.5	27.27	226.8	30.40	244.9	34.44	260.6	38.33	272.6	41.69
	14	136.2	18.66	172.1	23.22	210.5	29.99	226.8	33.53	244.9	38.04	260.6	42.35	272.6	46.05
	16	136.2	20.05	172.1	25.34	210.5	33.05	226.8	36.99	244.9	42.00	260.6	46.76	272.6	50.81
	18	136.2	21.62	172.1	27.71	210.5	36.40	226.8	40.82	244.9	46.35	260.6	51.58	272.6	56.01
	20	136.2	23.39	172.1	30.34	210.5	40.11	226.8	44.99	244.9	51.11	260.6	56.87	272.6	61.71
	21	136.2	24.37	172.1	31.76	210.5	42.10	226.8	47.26	244.9	53.66	260.6	59.69	272.6	64.77
	23	136.2	26.48	172.1	34.85	210.5	46.37	226.8	52.07	244.9	59.14	260.6	65.72	272.6	70.81
	25	136.2	28.86	172.1	38.27	210.5	51.07	226.8	57.06	244.9	63.99	260.6	70.28	272.6	75.47
	27	136.2	31.52	172.1	42.03	210.5	54.87	226.8	60.88	244.9	68.18	260.6	74.83	272.6	80.33

42. ARUM900LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	136.2	34.36	172.1	44.95	210.5	58.48	226.8	64.89	244.9	72.65	260.6	79.72	272.6	85.57
	31	136.2	36.56	172.1	47.91	210.5	62.35	226.8	69.19	244.9	77.42	260.6	84.96	272.6	91.20
	33	136.2	38.93	172.1	51.07	210.5	66.47	226.8	73.75	244.9	82.55	260.6	90.58	272.6	97.29
	35	136.2	41.47	172.1	54.46	210.5	70.88	226.8	78.64	244.9	88.05	260.6	96.69	272.6	103.9
	37	136.2	44.21	172.1	58.06	210.5	75.60	226.8	83.89	244.9	94.00	260.6	103.3	272.6	110.8
	39	136.2	47.16	172.1	61.92	210.5	80.64	226.8	89.55	244.9	100.5	260.6	110.7	272.6	118.0
	41	136.2	50.31	172.1	66.05	210.5	86.08	226.8	95.68	244.9	107.6	260.6	118.3	272.6	126.0
	43	136.2	53.68	172.1	70.44	210.5	91.93	226.8	102.3	244.9	115.4	257.4	124.3	257.4	124.3
	46	136.2	59.16	172.1	77.62	210.5	101.7	225.8	113.0	225.8	113.0	225.7	112.9	225.8	113.0
	48	136.2	63.12	172.1	82.86	206.3	105.8	206.0	105.7	206.0	105.6	205.7	105.6	205.8	105.6
	50	136.2	67.35	172.1	88.47	187.2	98.95	187.2	98.92	186.9	98.82	186.9	98.80	187.1	98.93
	52	136.2	71.87	166.3	90.10	167.6	87.48	168.2	86.43	169.0	85.28	169.1	84.22	169.1	83.36
80	10	121.1	14.45	153.0	17.74	187.1	21.45	201.5	23.42	217.8	25.98	231.4	28.46	242.3	30.62
	12	121.1	16.19	153.0	19.07	187.1	23.42	201.5	25.70	217.8	28.60	231.4	31.41	242.3	33.82
	14	121.1	17.16	153.0	20.59	187.1	25.62	201.5	28.22	217.8	31.51	231.4	34.66	242.3	37.35
	16	121.1	18.27	153.0	22.30	187.1	28.09	201.5	31.03	217.8	34.75	231.4	38.25	242.3	41.25
	18	121.1	19.55	153.0	24.23	187.1	30.84	201.5	34.14	217.8	38.30	231.4	42.21	242.3	45.52
	20	121.1	21.01	153.0	26.40	187.1	33.87	201.5	37.59	217.8	42.21	231.4	46.57	242.3	50.21
	21	121.1	21.81	153.0	27.55	187.1	35.50	201.5	39.44	217.8	44.33	231.4	48.88	242.3	52.70
	23	121.1	23.57	153.0	30.11	187.1	39.03	201.5	43.44	217.8	48.85	231.4	53.86	242.3	58.09
	25	121.1	25.55	153.0	32.95	187.1	42.94	201.5	47.82	217.8	53.77	231.4	58.87	242.3	62.98
	27	121.1	27.77	153.0	36.10	187.1	46.89	201.5	51.69	217.8	57.48	231.4	62.76	242.3	67.11
	29	121.1	30.27	153.0	39.06	187.1	49.96	201.5	55.11	217.8	61.29	231.4	66.90	242.3	71.52
	31	121.1	32.37	153.0	41.60	187.1	53.28	201.5	58.77	217.8	65.34	231.4	71.31	242.3	76.20
	33	121.1	34.39	153.0	44.33	187.1	56.81	201.5	62.65	217.8	69.65	231.4	76.01	242.3	81.24
	35	121.1	36.62	153.0	47.26	187.1	60.58	201.5	66.80	217.8	74.29	231.4	81.05	242.3	86.67
	37	121.1	39.00	153.0	50.38	187.1	64.61	201.5	71.23	217.8	79.21	231.4	86.48	242.3	92.51
	39	121.1	41.59	153.0	53.75	187.1	68.89	201.5	75.98	217.8	84.52	231.4	92.34	242.3	98.83
	41	121.1	44.37	153.0	57.33	187.1	73.48	201.5	81.06	217.8	90.24	231.4	98.69	242.3	105.8
	43	121.1	47.36	153.0	61.16	187.1	78.38	201.5	86.52	217.8	96.44	231.4	105.6	242.3	113.4
	46	121.1	52.23	153.0	67.38	187.1	86.44	201.5	95.56	217.8	106.8	225.7	113.0	225.7	113.0
	48	121.1	55.77	153.0	71.88	187.1	92.36	201.5	102.3	206.0	105.6	206.0	105.7	206.0	105.7
	50	121.1	59.52	153.0	76.70	186.6	98.42	187.2	98.97	187.1	98.90	186.9	98.81	186.8	98.79
	52	121.1	63.52	153.0	81.85	167.0	88.85	167.6	87.76	168.2	86.56	168.7	85.53	168.9	84.70
70	10	106.1	12.03	133.8	16.12	163.8	18.77	176.3	20.13	190.5	21.89	202.5	23.59	211.9	25.04
	12	106.1	15.11	133.8	17.22	163.8	20.30	176.3	21.90	190.5	23.93	202.5	25.87	211.9	27.54
	14	106.1	15.87	133.8	18.39	163.8	22.02	176.3	23.87	190.5	26.20	202.5	28.41	211.9	30.32
	16	106.1	16.75	133.8	19.74	163.8	23.97	176.3	26.09	190.5	28.74	202.5	31.26	211.9	33.39
	18	106.1	17.76	133.8	21.27	163.8	26.13	176.3	28.55	190.5	31.57	202.5	34.41	211.9	36.78
	20	106.1	18.91	133.8	22.99	163.8	28.54	176.3	31.30	190.5	34.70	202.5	37.87	211.9	40.55
	21	106.1	19.56	133.8	23.93	163.8	29.87	176.3	32.79	190.5	36.39	202.5	39.75	211.9	42.55
	23	106.1	20.99	133.8	25.99	163.8	32.70	176.3	35.99	190.5	40.03	202.5	43.76	211.9	46.88
	25	106.1	22.60	133.8	28.30	163.8	35.89	176.3	39.55	190.5	44.05	202.5	48.18	211.9	51.62
	27	106.1	24.43	133.8	30.89	163.8	39.36	176.3	43.40	190.5	47.98	202.5	52.06	211.9	55.40
	29	106.1	26.51	133.8	33.69	163.8	42.31	176.3	46.34	190.5	51.14	202.5	55.51	211.9	59.07
	31	106.1	28.50	133.8	35.86	163.8	45.09	176.3	49.38	190.5	54.53	202.5	59.19	211.9	62.98
	33	106.1	30.23	133.8	38.17	163.8	48.06	176.3	52.66	190.5	58.16	202.5	63.10	211.9	67.14
	35	106.1	32.12	133.8	40.67	163.8	51.25	176.3	56.16	190.5	62.01	202.5	67.27	211.9	71.59
	37	106.1	34.20	133.8	43.35	163.8	54.64	176.3	59.88	190.5	66.12	202.5	71.74	211.9	76.34
	39	106.1	36.44	133.8	46.24	163.8	58.29	176.3	63.87	190.5	70.52	202.5	76.51	211.9	81.44
	41	106.1	38.87	133.8	49.33	163.8	62.17	176.3	68.12	190.5	75.22	202.5	81.64	211.9	86.94

42. ARUM900LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	106.1	41.48	133.8	52.63	163.8	66.30	176.3	72.64	190.5	80.25	202.5	87.15	211.9	92.86
	46	106.1	45.78	133.8	58.01	163.8	73.06	176.3	80.08	190.5	88.52	202.5	96.27	211.9	102.7
	48	106.1	48.90	133.8	61.90	163.8	77.94	176.3	85.48	190.5	94.60	202.5	103.0	206.1	105.7
	50	106.1	52.23	133.8	66.05	163.8	83.20	176.3	91.30	187.4	99.05	187.2	98.90	187.2	98.86
	52	106.1	55.77	133.8	70.47	163.8	88.85	166.6	89.60	167.3	88.35	167.9	87.22	168.2	86.42
60	10	90.80	9.73	114.7	13.35	140.3	16.69	151.1	17.58	163.2	18.73	173.6	19.82	181.8	20.78
	12	90.80	13.81	114.7	15.71	140.3	17.80	151.1	18.89	163.2	20.25	173.6	21.53	181.8	22.64
	14	90.80	14.42	114.7	16.58	140.3	19.11	151.1	20.37	163.2	21.96	173.6	23.46	181.8	24.73
	16	90.80	15.13	114.7	17.60	140.3	20.57	151.1	22.05	163.2	23.87	173.6	25.62	181.8	27.06
	18	90.80	15.97	114.7	18.76	140.3	22.23	151.1	23.93	163.2	26.03	173.6	28.02	181.8	29.67
	20	90.80	16.90	114.7	20.08	140.3	24.09	151.1	26.06	163.2	28.46	173.6	30.70	181.8	32.57
	21	90.80	17.42	114.7	20.82	140.3	25.11	151.1	27.20	163.2	29.76	173.6	32.14	181.8	34.14
	23	90.80	18.58	114.7	22.42	140.3	27.34	151.1	29.70	163.2	32.60	173.6	35.29	181.8	37.50
	25	90.80	19.89	114.7	24.25	140.3	29.83	151.1	32.49	163.2	35.75	173.6	38.73	181.8	41.22
	27	90.80	21.40	114.7	26.31	140.3	32.60	151.1	35.61	163.2	39.23	173.6	42.54	181.8	45.11
	29	90.80	23.08	114.7	28.63	140.3	35.49	151.1	38.55	163.2	42.18	173.6	45.47	181.8	48.14
	31	90.80	24.94	114.7	30.67	140.3	37.75	151.1	41.05	163.2	44.95	173.6	48.46	181.8	51.32
	33	90.80	26.40	114.7	32.58	140.3	40.21	151.1	43.73	163.2	47.92	173.6	51.66	181.8	54.72
	35	90.80	27.98	114.7	34.67	140.3	42.84	151.1	46.61	163.2	51.08	173.6	55.09	181.8	58.35
	37	90.80	29.75	114.7	36.92	140.3	45.68	151.1	49.71	163.2	54.47	173.6	58.75	181.8	62.21
	39	90.80	31.65	114.7	39.36	140.3	48.73	151.1	53.02	163.2	58.11	173.6	62.65	181.8	66.35
	41	90.80	33.75	114.7	41.98	140.3	51.99	151.1	56.57	163.2	61.98	173.6	66.82	181.8	70.76
	43	90.80	36.01	114.7	44.80	140.3	55.47	151.1	60.33	163.2	66.09	173.6	71.28	181.8	75.49
	46	90.80	39.76	114.7	49.44	140.3	61.13	151.1	66.46	163.2	72.81	173.6	78.53	181.8	83.22
	48	90.80	42.51	114.7	52.79	140.3	65.21	151.1	70.90	163.2	77.69	173.6	83.83	181.8	88.87
	50	90.80	45.42	114.7	56.36	140.3	69.58	151.1	75.65	163.2	82.92	173.6	89.54	181.8	95.00
	52	90.80	48.58	114.7	60.16	140.3	74.23	151.1	80.74	163.2	88.55	166.6	89.71	167.0	88.82
50	10	75.70	7.59	95.60	10.48	117.0	13.73	126.0	15.31	136.1	16.35	144.8	17.03	151.5	17.61
	12	75.70	11.44	95.60	14.27	117.0	15.88	126.0	16.56	136.1	17.42	144.8	18.24	151.5	18.92
	14	75.70	12.83	95.60	14.94	117.0	16.78	126.0	17.60	136.1	18.64	144.8	19.60	151.5	20.41
	16	75.70	13.40	95.60	15.69	117.0	17.82	126.0	18.82	136.1	20.02	144.8	21.15	151.5	22.09
	18	75.70	14.06	95.60	16.57	117.0	19.03	126.0	20.18	136.1	21.59	144.8	22.90	151.5	23.99
	20	75.70	14.80	95.60	17.57	117.0	20.40	126.0	21.74	136.1	23.37	144.8	24.85	151.5	26.12
	21	75.70	15.22	95.60	18.10	117.0	21.16	126.0	22.58	136.1	24.34	144.8	25.93	151.5	27.28
	23	75.70	16.14	95.60	19.34	117.0	22.83	126.0	24.47	136.1	26.44	144.8	28.27	151.5	29.79
	25	75.70	17.20	95.60	20.73	117.0	24.69	126.0	26.57	136.1	28.83	144.8	30.87	151.5	32.57
	27	75.70	18.38	95.60	22.33	117.0	26.83	126.0	28.92	136.1	31.48	144.8	33.78	151.5	35.68
	29	75.70	19.75	95.60	24.14	117.0	29.19	126.0	31.58	136.1	34.32	144.8	36.71	151.5	38.62
	31	75.70	21.27	95.60	26.06	117.0	31.26	126.0	33.67	136.1	36.52	144.8	39.07	151.5	41.13
	33	75.70	22.59	95.60	27.58	117.0	33.21	126.0	35.82	136.1	38.86	144.8	41.61	151.5	43.84
	35	75.70	23.90	95.60	29.25	117.0	35.34	126.0	38.13	136.1	41.41	144.8	44.34	151.5	46.74
	37	75.70	25.34	95.60	31.10	117.0	37.64	126.0	40.64	136.1	44.16	144.8	47.28	151.5	49.83
	39	75.70	26.93	95.60	33.12	117.0	40.15	126.0	43.34	136.1	47.09	144.8	50.43	151.5	53.16
	41	75.70	28.70	95.60	35.30	117.0	42.82	126.0	46.22	136.1	50.24	144.8	53.80	151.5	56.70
	43	75.70	30.65	95.60	37.68	117.0	45.70	126.0	49.32	136.1	53.62	144.8	57.40	151.5	60.47
	46	75.70	33.96	95.60	41.59	117.0	50.42	126.0	54.41	136.1	59.07	144.8	63.25	151.5	66.61
	48	75.70	36.37	95.60	44.44	117.0	53.81	126.0	58.05	136.1	63.04	144.8	67.48	151.5	71.07
	50	75.70	39.01	95.60	47.50	117.0	57.46	126.0	61.96	136.1	67.25	144.8	71.99	151.5	75.83
	52	75.70	41.84	95.60	50.78	117.0	61.34	126.0	66.11	136.1	71.76	144.8	76.81	151.5	80.93

42. ARUM900LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

42. ARUM900LTE6

42.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	53.60	4.27	85.90	6.82	121.9	9.72	130.5	10.43	139.1	11.18	148.1	11.99	157.5	12.98
	12	53.60	4.27	85.90	6.84	121.9	9.79	130.5	10.51	139.1	11.26	148.1	12.09	157.5	13.13
	14	53.60	4.30	85.90	6.88	121.9	9.91	130.5	10.65	139.1	11.44	148.1	12.28	157.5	13.39
	16	53.60	4.30	85.90	6.96	121.9	10.10	130.5	10.90	139.1	11.74	148.1	12.68	157.5	13.94
	18	53.60	4.34	85.90	7.11	121.9	10.54	130.5	11.45	139.1	12.42	148.1	13.51	157.5	15.13
	20	53.60	4.48	85.90	7.48	121.9	11.70	130.5	12.87	139.1	14.19	148.1	15.67	157.5	18.32
	21	60.70	5.49	92.70	9.29	128.3	15.68	136.8	16.83	145.2	17.84	153.8	18.86	162.6	20.47
	23	74.90	12.26	106.5	15.36	141.8	19.76	149.7	20.90	157.9	22.15	165.3	23.30	173.2	25.18
	25	89.60	15.31	120.5	19.16	155.6	24.87	163.1	26.27	171.0	27.79	177.0	29.04	183.9	31.23
	27	104.3	19.45	135.0	24.30	169.6	31.61	176.7	33.32	184.1	35.07	189.0	36.24	205.6	41.37
	29	119.7	25.05	149.6	30.86	184.1	39.16	190.8	40.94	198.0	42.88	209.9	46.32	243.3	58.38
	31	135.4	31.64	164.7	38.27	198.8	48.22	205.1	50.21	222.8	56.15	248.3	65.46	280.8	81.16
	33	151.6	39.75	180.2	47.54	213.8	59.38	235.5	67.80	262.1	79.31	286.5	91.08	318.3	110.4
	35	168.3	50.02	196.1	59.07	250.9	83.14	274.5	95.46	301.1	110.3	324.8	122.0	355.9	138.8
	37	168.3	53.38	196.1	63.03	250.9	88.76	274.5	102.0	301.1	117.4	324.8	129.6	333.8	136.8
	39	168.3	56.98	196.1	67.26	250.9	94.83	274.5	109.2	301.1	125.3	312.9	131.7	309.3	132.6
	41	168.3	60.81	196.1	71.76	250.9	101.4	274.5	117.2	289.1	126.3	289.1	126.3	285.7	127.6
	43	168.3	64.89	196.1	76.59	250.9	108.6	266.3	119.7	266.1	119.5	265.9	119.5	263.0	121.3
	46	168.3	71.52	196.1	84.45	233.7	108.2	233.7	108.2	233.6	108.2	233.4	108.0	230.8	109.6
	48	168.3	76.33	196.1	90.21	213.2	101.2	213.2	101.3	213.0	101.2	212.8	101.2	210.3	102.4
	50	168.3	81.46	194.1	95.06	193.6	94.93	193.7	95.00	193.5	94.90	193.5	94.91	190.9	95.90
	52	167.5	86.56	170.5	82.42	172.5	79.21	173.0	78.55	173.3	77.83	173.9	77.25	172.7	77.68
120	10	49.50	3.95	79.40	6.29	112.5	8.95	120.3	9.61	128.3	10.26	136.6	10.96	145.2	11.85
	12	49.50	3.95	79.40	6.31	112.5	9.01	120.3	9.66	128.3	10.32	136.6	11.06	145.2	11.96
	14	49.50	3.96	79.40	6.33	112.5	9.09	120.3	9.77	128.3	10.47	136.6	11.21	145.2	12.18
	16	49.50	3.98	79.40	6.39	112.5	9.25	120.3	9.98	128.3	10.69	136.6	11.50	145.2	12.59
	18	49.50	4.02	79.40	6.51	112.5	9.60	120.3	10.39	128.3	11.22	136.6	12.15	145.2	13.53
	20	49.50	4.10	79.40	6.80	112.5	10.48	120.3	11.51	128.3	12.58	136.6	13.81	145.2	16.08
	21	55.90	4.96	85.50	8.28	118.5	13.70	126.4	15.31	134.2	16.44	141.8	17.42	150.1	18.83
	23	69.10	11.69	98.20	14.46	130.9	18.29	138.3	19.26	145.8	20.34	152.6	21.32	159.8	22.96
	25	82.60	14.45	111.3	17.86	143.6	22.78	150.5	23.99	157.9	25.28	163.4	26.33	169.8	28.25
	27	96.40	18.17	124.5	22.40	156.5	28.69	163.2	30.13	170.0	31.72	174.5	32.78	189.8	37.34
	29	110.6	23.19	138.0	28.37	169.8	35.60	175.9	37.13	182.6	38.80	193.9	41.77	224.6	52.13
	31	125.0	29.19	152.0	34.96	183.4	43.56	189.4	45.30	205.6	50.41	229.1	58.38	259.2	71.78
	33	139.9	36.39	166.5	43.16	197.6	53.40	217.4	60.67	241.9	70.48	264.5	80.45	293.7	97.80
	35	155.3	45.49	181.1	53.33	231.7	74.03	253.5	84.46	277.9	97.28	299.7	109.6	328.5	126.1
	37	155.3	48.56	181.1	56.92	231.7	79.00	253.5	90.17	277.9	104.0	299.7	116.6	328.5	134.0
	39	155.3	51.82	181.1	60.75	231.7	84.33	253.5	96.35	277.9	111.4	299.7	124.4	309.4	132.6
	41	155.3	55.30	181.1	64.83	231.7	90.05	253.5	103.1	277.9	119.4	289.3	126.4	285.9	127.7
	43	155.3	59.03	181.1	69.16	231.7	96.26	253.5	110.4	266.3	119.7	266.0	119.5	262.9	121.2
	46	155.3	65.10	181.1	76.25	231.7	106.6	233.9	108.2	233.6	108.2	233.5	108.1	230.8	109.6
	48	155.3	69.46	181.1	81.37	213.2	101.3	213.2	101.2	213.2	101.3	213.1	101.2	210.3	102.5
	50	155.3	74.11	181.1	86.87	193.6	94.91	193.8	95.04	194.0	95.19	193.8	94.98	191.2	96.07
	52	155.3	79.11	169.8	83.83	171.7	80.53	172.2	79.90	172.5	79.21	172.7	78.71	172.5	79.45
110	10	45.40	3.60	72.80	5.76	103.1	8.20	110.3	8.77	117.7	9.37	125.2	10.01	133.2	10.77
	12	45.40	3.60	72.80	5.76	103.1	8.23	110.3	8.84	117.7	9.44	125.2	10.07	133.2	10.86
	14	45.40	3.62	72.80	5.80	103.1	8.31	110.3	8.91	117.7	9.55	125.2	10.19	133.2	11.02
	16	45.40	3.64	72.80	5.84	103.1	8.42	110.3	9.06	117.7	9.73	125.2	10.42	133.2	11.33
	18	45.40	3.66	72.80	5.94	103.1	8.68	110.3	9.39	117.7	10.11	125.2	10.89	133.2	12.03

42. ARUM900LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	45.40	3.73	72.80	6.16	103.1	9.37	110.3	10.23	117.7	11.16	125.2	12.16	133.2	13.96
	21	51.30	4.48	78.40	7.35	108.7	11.85	115.8	13.16	122.9	14.60	130.1	15.90	137.6	17.30
	23	63.40	11.16	90.00	13.60	120.0	16.93	126.8	17.75	133.6	18.64	139.9	19.47	146.6	20.90
	25	75.70	13.60	102.0	16.63	131.6	20.83	138.0	21.86	144.7	22.95	149.7	23.85	155.6	25.47
	27	88.40	16.92	114.1	20.62	143.6	25.98	149.6	27.21	155.9	28.53	160.1	29.44	174.0	33.47
	29	101.3	21.39	126.4	25.91	155.7	32.26	161.3	33.56	167.3	34.99	177.7	37.52	205.8	46.36
	31	114.7	26.86	139.5	31.84	168.1	39.24	173.6	40.70	188.6	45.06	210.1	51.85	237.7	63.20
	33	128.3	33.22	152.6	39.03	181.0	47.83	199.2	54.00	221.7	62.34	242.6	70.72	269.2	85.19
	35	142.4	41.23	166.1	47.96	212.3	65.62	232.4	74.40	254.7	85.08	274.9	95.51	301.1	113.0
	37	142.4	43.99	166.1	51.18	212.3	70.02	232.4	79.40	254.7	90.86	274.9	102.1	301.1	120.4
	39	142.4	46.96	166.1	54.63	212.3	74.71	232.4	84.75	254.7	97.08	274.9	109.3	301.1	128.2
	41	142.4	50.13	166.1	58.31	212.3	79.73	232.4	90.52	254.7	103.9	274.9	117.3	286.1	127.7
	43	142.4	53.51	166.1	62.24	212.3	85.13	232.4	96.75	254.7	111.3	266.3	119.7	263.3	121.4
	46	142.4	59.02	166.1	68.59	212.3	94.00	232.4	107.2	233.9	108.3	233.6	108.1	230.6	109.5
	48	142.4	63.00	166.1	73.20	212.2	100.5	213.2	101.2	213.2	101.3	213.1	101.2	210.5	102.5
	50	142.4	67.23	166.1	78.09	193.9	95.02	193.7	94.92	193.8	95.09	193.6	94.94	191.3	96.06
	52	142.4	71.75	166.1	83.34	170.9	82.16	171.1	81.52	171.6	80.82	171.6	80.05	171.9	80.28
100	10	41.30	3.28	66.10	5.23	93.70	7.43	100.2	7.98	106.9	8.51	113.9	9.08	121.1	9.75
	12	41.30	3.28	66.10	5.23	93.70	7.46	100.2	8.02	106.9	8.55	113.9	9.12	121.1	9.83
	14	41.30	3.28	66.10	5.26	93.70	7.53	100.2	8.06	106.9	8.63	113.9	9.20	121.1	9.94
	16	41.30	3.30	66.10	5.29	93.70	7.61	100.2	8.18	106.9	8.77	113.9	9.38	121.1	10.17
	18	41.30	3.32	66.10	5.37	93.70	7.81	100.2	8.43	106.9	9.06	113.9	9.74	121.1	10.68
	20	41.30	3.38	66.10	5.54	93.70	8.31	100.2	9.05	106.9	9.82	113.9	10.66	121.1	12.09
	21	46.60	4.00	71.30	6.49	98.70	10.21	105.3	11.27	111.7	12.42	118.2	13.66	125.2	15.85
	23	57.70	10.60	81.80	12.75	109.1	15.66	115.2	16.37	121.5	17.11	127.1	17.81	133.2	18.99
	25	68.90	12.79	92.70	15.43	119.6	19.04	125.6	19.89	131.5	20.82	136.2	21.55	141.4	22.95
	27	80.20	15.72	103.9	18.95	130.5	23.47	136.0	24.51	141.7	25.63	145.5	26.37	158.2	29.74
	29	92.20	19.67	115.1	23.57	141.4	29.11	146.7	30.23	152.2	31.46	161.6	33.59	187.1	41.03
	31	104.3	24.64	126.8	28.88	153.0	35.19	157.8	36.42	171.4	40.11	190.9	45.82	216.0	55.32
	33	116.6	30.22	138.7	35.17	164.6	42.61	181.1	47.83	201.7	54.85	220.5	61.85	244.8	73.85
	35	129.4	37.20	150.8	42.93	193.1	57.85	211.1	65.20	231.7	74.05	249.8	82.59	273.7	97.88
	37	129.4	39.69	150.8	45.81	193.1	61.72	211.1	69.57	231.7	79.02	249.8	88.17	273.7	104.7
	39	129.4	42.36	150.8	48.89	193.1	65.88	211.1	74.23	231.7	84.35	249.8	94.19	273.7	112.1
	41	129.4	45.23	150.8	52.19	193.1	70.27	211.1	79.23	231.7	90.08	249.8	100.7	273.7	120.0
	43	129.4	48.30	150.8	55.74	193.1	75.00	211.1	84.58	231.7	96.29	249.8	107.9	263.3	121.3
	46	129.4	53.29	150.8	61.45	193.1	82.69	211.1	93.37	231.7	106.6	233.7	108.2	230.9	109.6
	48	129.4	56.91	150.8	65.59	193.1	88.31	211.1	99.87	213.2	101.3	213.3	101.3	210.3	102.4
	50	129.4	60.75	150.8	69.97	192.8	94.17	193.9	95.05	193.8	94.96	193.9	95.12	190.9	95.98
	52	129.4	64.85	150.8	74.66	169.6	83.85	170.3	82.87	171.1	81.86	171.6	80.85	171.4	81.09
90	10	37.20	2.96	59.60	4.70	84.30	6.67	90.40	7.17	96.30	7.64	102.4	8.13	109.0	8.76
	12	37.20	2.96	59.60	4.72	84.30	6.71	90.40	7.18	96.30	7.67	102.4	8.19	109.0	8.80
	14	37.20	2.96	59.60	4.72	84.30	6.75	90.40	7.24	96.30	7.74	102.4	8.25	109.0	8.88
	16	37.20	2.96	59.60	4.76	84.30	6.81	90.40	7.32	96.30	7.82	102.4	8.38	109.0	9.06
	18	37.20	2.99	59.60	4.80	84.30	6.96	90.40	7.49	96.30	8.04	102.4	8.64	109.0	9.43
	20	37.20	3.03	59.60	4.92	84.30	7.30	90.40	7.94	96.30	8.58	102.4	9.30	109.0	10.44
	21	42.00	3.55	64.20	5.67	88.90	8.74	94.70	9.57	100.5	10.50	106.4	11.46	112.5	13.70
	23	51.80	10.07	73.80	11.94	98.20	14.44	103.7	15.05	109.4	15.70	114.4	16.27	119.9	17.27
	25	61.90	12.01	83.30	14.28	107.6	17.37	112.9	18.10	118.4	18.85	122.6	19.47	127.4	20.63
	27	72.40	14.58	93.30	17.33	117.4	21.17	122.3	22.04	127.5	22.95	130.9	23.57	142.4	26.37
	29	82.90	18.01	103.5	21.35	127.4	26.09	132.0	27.10	136.9	28.13	145.2	29.93	168.4	36.13
	31	93.70	22.50	114.0	26.15	137.6	31.42	142.0	32.45	154.2	35.51	171.8	40.25	194.3	48.12

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	105.0	27.42	124.8	31.54	148.1	37.79	163.0	42.15	181.4	47.94	198.4	53.72	220.5	63.56
	35	116.6	33.44	135.8	38.22	173.7	50.67	190.2	56.74	208.5	64.02	224.7	70.98	246.3	83.33
	37	116.6	35.63	135.8	40.77	173.7	54.07	190.2	60.56	208.5	68.32	224.7	75.76	246.3	88.97
	39	116.6	38.02	135.8	43.53	173.7	57.71	190.2	64.62	208.5	72.91	224.7	80.86	246.3	95.05
	41	116.6	40.60	135.8	46.48	173.7	61.58	190.2	68.95	208.5	77.81	224.7	86.31	246.3	101.7
	43	116.6	43.36	135.8	49.63	173.7	65.73	190.2	73.58	208.5	83.05	224.7	92.22	246.3	108.9
	46	116.6	47.89	135.8	54.78	173.7	72.43	190.2	81.12	208.5	91.68	224.7	102.0	231.0	109.6
	48	116.6	51.17	135.8	58.49	173.7	77.31	190.2	86.62	208.5	98.01	213.3	101.3	210.7	102.6
	50	116.6	54.65	135.8	62.42	173.7	82.50	190.2	92.54	193.8	95.06	193.8	94.95	191.3	96.15
	52	116.6	58.37	135.8	66.63	169.2	84.92	169.7	83.88	170.5	82.78	171.1	81.82	170.8	82.01
80	10	33.00	2.62	52.90	4.17	75.00	5.93	80.20	6.35	85.50	6.78	91.10	7.24	96.80	7.77
	12	33.00	2.62	52.90	4.19	75.00	5.93	80.20	6.37	85.50	6.81	91.10	7.24	96.80	7.81
	14	33.00	2.64	52.90	4.19	75.00	5.97	80.20	6.40	85.50	6.85	91.10	7.30	96.80	7.85
	16	33.00	2.64	52.90	4.20	75.00	6.03	80.20	6.47	85.50	6.92	91.10	7.38	96.80	7.96
	18	33.00	2.64	52.90	4.24	75.00	6.11	80.20	6.57	85.50	7.07	91.10	7.57	96.80	8.22
	20	33.00	2.67	52.90	4.34	75.00	6.37	80.20	6.90	85.50	7.44	91.10	8.02	96.80	8.92
	21	37.40	3.11	57.10	4.92	79.10	7.42	84.10	8.10	89.30	8.81	94.50	9.56	100.1	11.21
	23	46.10	9.57	65.60	11.17	87.30	13.31	92.20	13.81	97.20	14.34	101.7	14.82	106.5	15.68
	25	55.10	11.23	74.20	13.18	95.70	15.81	100.4	16.42	105.1	17.05	108.8	17.55	113.3	18.52
	27	64.20	13.46	82.90	15.82	104.3	19.03	108.8	19.74	113.3	20.50	116.3	21.00	126.4	23.28
	29	73.60	16.43	92.00	19.25	113.3	23.19	117.4	24.03	121.9	24.91	129.1	26.47	149.7	31.64
	31	83.30	20.31	101.3	23.53	122.3	27.93	126.0	28.78	137.2	31.29	152.7	35.15	172.8	41.55
	33	93.30	24.71	110.9	28.18	131.7	33.32	144.8	36.88	161.2	41.62	176.3	46.30	195.8	54.27
	35	103.5	29.93	120.7	33.85	154.4	44.08	169.1	49.03	185.3	54.92	199.8	60.53	218.9	70.41
	37	103.5	31.85	120.7	36.09	154.4	47.03	169.1	52.33	185.3	58.60	199.8	64.57	218.9	75.11
	39	103.5	33.98	120.7	38.53	154.4	50.21	169.1	55.84	185.3	62.53	199.8	68.91	218.9	80.18
	41	103.5	36.27	120.7	41.14	154.4	53.59	169.1	59.59	185.3	66.74	199.8	73.54	218.9	85.59
	43	103.5	38.73	120.7	43.95	154.4	57.21	169.1	63.60	185.3	71.21	199.8	78.47	218.9	91.43
	46	103.5	42.80	120.7	48.52	154.4	63.08	169.1	70.09	185.3	78.51	199.8	86.56	218.9	101.2
	48	103.5	45.74	120.7	51.84	154.4	67.31	169.1	74.80	185.3	83.80	199.8	92.49	210.8	102.6
	50	103.5	48.90	120.7	55.38	154.4	71.82	169.1	79.82	185.3	89.49	193.8	95.03	191.3	96.10
	52	103.5	52.27	120.7	59.14	154.4	76.64	168.2	84.64	169.7	84.05	170.2	83.04	170.2	83.27
70	10	28.90	2.30	46.20	3.66	65.60	5.19	70.20	5.55	74.90	5.93	79.80	6.31	84.70	6.78
	12	28.90	2.30	46.20	3.66	65.60	5.19	70.20	5.57	74.90	5.93	79.80	6.33	84.70	6.79
	14	28.90	2.30	46.20	3.66	65.60	5.22	70.20	5.59	74.90	5.97	79.80	6.36	84.70	6.85
	16	28.90	2.30	46.20	3.67	65.60	5.25	70.20	5.61	74.90	6.01	79.80	6.43	84.70	6.92
	18	28.90	2.32	46.20	3.70	65.60	5.33	70.20	5.71	74.90	6.11	79.80	6.53	84.70	7.09
	20	28.90	2.33	46.20	3.77	65.60	5.48	70.20	5.91	74.90	6.36	79.80	6.84	84.70	7.54
	21	32.70	2.70	49.90	4.23	69.10	6.23	73.60	6.76	78.30	7.32	82.80	7.89	87.50	9.07
	23	40.50	8.10	57.30	10.43	76.50	12.21	80.60	12.64	85.10	13.07	88.90	13.48	93.30	14.19
	25	48.10	10.49	64.90	12.12	83.70	14.30	87.80	14.82	92.00	15.33	95.30	15.75	99.00	16.56
	27	56.20	12.40	72.60	14.37	91.40	17.02	95.20	17.62	99.00	18.23	101.9	18.64	110.7	20.50
	29	64.50	14.90	80.60	17.24	99.00	20.51	102.7	21.18	106.5	21.91	112.9	23.15	130.9	27.49
	31	73.00	18.20	88.60	20.98	107.0	24.70	110.3	25.39	120.0	27.41	133.8	30.49	151.2	35.61
	33	81.70	22.02	97.10	25.02	115.2	29.20	126.8	32.06	141.1	35.84	154.2	39.56	171.4	45.89
	35	90.60	26.59	105.7	29.82	135.0	38.01	147.9	41.96	162.0	46.66	174.8	51.08	191.6	58.87
	37	90.60	28.27	105.7	31.74	135.0	40.56	147.9	44.78	162.0	49.79	174.8	54.52	191.6	62.82
	39	90.60	30.13	105.7	33.87	135.0	43.30	147.9	47.81	162.0	53.14	174.8	58.18	191.6	67.02
	41	90.60	32.18	105.7	36.16	135.0	46.24	147.9	51.04	162.0	56.73	174.8	62.08	191.6	71.52
	43	90.60	34.38	105.7	38.63	135.0	49.37	147.9	54.49	162.0	60.54	174.8	66.25	191.6	76.32
	46	90.60	37.99	105.7	42.69	135.0	54.48	147.9	60.10	162.0	66.74	174.8	73.02	191.6	84.18

42. ARUM900LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	90.60	40.65	105.7	45.63	135.0	58.17	147.9	64.13	162.0	71.21	174.8	77.93	191.6	89.93
	50	90.60	43.48	105.7	48.79	135.0	62.10	147.9	68.44	162.0	75.99	174.8	83.19	190.9	95.73
	52	90.60	46.53	105.7	52.15	135.0	66.27	147.9	73.03	162.0	81.10	169.5	84.74	169.2	84.95
60	10	24.80	1.98	39.70	3.13	56.20	4.44	60.10	4.76	64.20	5.08	68.30	5.40	72.70	5.80
	12	24.80	1.98	39.70	3.13	56.20	4.45	60.10	4.76	64.20	5.08	68.30	5.40	72.70	5.82
	14	24.80	1.97	39.70	3.13	56.20	4.45	60.10	4.77	64.20	5.09	68.30	5.44	72.70	5.83
	16	24.80	1.97	39.70	3.14	56.20	4.48	60.10	4.80	64.20	5.12	68.30	5.47	72.70	5.89
	18	24.80	1.97	39.70	3.17	56.20	4.51	60.10	4.86	64.20	5.19	68.30	5.54	72.70	6.00
	20	24.80	1.99	39.70	3.20	56.20	4.63	60.10	4.98	64.20	5.34	68.30	5.73	72.70	6.27
	21	28.00	2.29	42.80	3.55	59.30	5.16	63.00	5.56	67.10	5.99	70.90	6.45	75.00	7.25
	23	34.50	5.73	49.10	8.57	65.50	11.16	69.10	11.52	72.80	11.86	76.10	12.19	79.90	12.78
	25	42.00	9.88	55.60	11.13	71.70	12.92	75.30	13.31	78.80	13.73	81.80	14.07	84.90	14.72
	27	48.30	11.38	62.20	12.96	78.30	15.15	81.60	15.61	85.10	16.11	87.30	16.43	94.90	17.94
	29	55.20	13.46	69.00	15.36	84.90	18.01	88.10	18.54	91.20	19.10	96.80	20.12	112.1	23.52
	31	62.60	16.18	76.10	18.44	91.80	21.58	94.50	22.18	102.7	23.84	114.7	26.26	129.7	30.25
	33	70.00	19.45	83.20	21.89	98.60	25.40	108.7	27.67	121.1	30.59	132.3	33.49	146.9	38.38
	35	77.70	23.25	90.40	26.00	115.8	32.51	126.8	35.56	139.1	39.19	149.9	42.59	164.2	48.59
	37	77.70	24.67	90.40	27.66	115.8	34.64	126.8	37.94	139.1	41.82	149.9	45.45	164.2	51.85
	39	77.70	26.23	90.40	29.46	115.8	36.96	126.8	40.49	139.1	44.65	149.9	48.53	164.2	55.35
	41	77.70	27.96	90.40	31.46	115.8	39.48	126.8	43.24	139.1	47.67	149.9	51.81	164.2	59.07
	43	77.70	29.87	90.40	33.64	115.8	42.16	126.8	46.19	139.1	50.89	149.9	55.30	164.2	63.04
	46	77.70	33.11	90.40	37.22	115.8	46.59	126.8	51.00	139.1	56.16	149.9	60.99	164.2	69.47
	48	77.70	35.55	90.40	39.83	115.8	49.77	126.8	54.47	139.1	59.93	149.9	65.08	164.2	74.14
	50	77.70	38.16	90.40	42.63	115.8	53.18	126.8	58.16	139.1	63.99	149.9	69.45	164.2	79.13
	52	77.70	40.94	90.40	45.61	115.8	56.82	126.8	62.08	139.1	68.27	149.9	74.10	164.2	84.47
50	10	20.60	1.79	33.10	2.61	46.90	3.70	50.20	3.96	53.60	4.23	57.00	4.49	60.50	4.83
	12	20.60	1.79	33.10	2.61	46.90	3.70	50.20	3.96	53.60	4.23	57.00	4.51	60.50	4.83
	14	20.60	1.79	33.10	2.62	46.90	3.70	50.20	3.98	53.60	4.23	57.00	4.51	60.50	4.84
	16	20.60	1.79	33.10	2.61	46.90	3.73	50.20	3.98	53.60	4.26	57.00	4.55	60.50	4.87
	18	20.60	1.79	33.10	2.64	46.90	3.74	50.20	4.02	53.60	4.30	57.00	4.59	60.50	4.95
	20	20.60	1.82	33.10	2.65	46.90	3.81	50.20	4.09	53.60	4.38	57.00	4.69	60.50	5.09
	21	23.30	1.89	35.60	2.92	49.50	4.17	52.60	4.49	55.90	4.80	59.10	5.13	62.60	5.70
	23	28.80	3.96	40.90	5.85	54.40	10.08	57.70	10.45	60.70	10.74	63.40	10.99	66.70	11.44
	25	39.90	9.86	46.40	10.17	59.90	11.59	62.60	11.90	65.70	12.22	68.10	12.50	70.80	13.00
	27	40.50	10.44	51.80	11.65	65.20	13.36	67.90	13.74	70.80	14.12	72.80	14.37	79.10	15.55
	29	46.10	12.06	57.50	13.57	70.80	15.64	73.40	16.07	76.10	16.50	80.60	17.28	93.50	19.92
	31	52.10	14.25	63.40	16.04	76.50	18.52	78.80	19.00	85.50	20.37	95.50	22.36	108.0	25.46
	33	58.30	16.98	69.30	18.92	82.20	21.70	90.40	23.53	100.8	25.87	110.2	28.03	122.3	31.68
	35	64.80	20.04	75.40	22.20	96.40	27.49	105.7	29.82	115.8	32.51	124.9	35.03	136.8	39.47
	37	64.80	21.18	75.40	23.54	96.40	29.28	105.7	31.75	115.8	34.66	124.9	37.37	136.8	42.13
	39	64.80	22.45	75.40	25.02	96.40	31.22	105.7	33.87	115.8	36.99	124.9	39.87	136.8	44.97
	41	64.80	23.84	75.40	26.65	96.40	33.31	105.7	36.16	115.8	39.49	124.9	42.58	136.8	48.00
	43	64.80	25.38	75.40	28.45	96.40	35.58	105.7	38.63	115.8	42.19	124.9	45.48	136.8	51.24
	46	64.80	28.00	75.40	31.49	96.40	39.33	105.7	42.70	115.8	46.59	124.9	50.22	136.8	56.54
	48	64.80	29.97	75.40	33.79	96.40	42.08	105.7	45.63	115.8	49.78	124.9	53.63	136.8	60.36
	50	64.80	32.13	75.40	36.30	96.40	45.02	105.7	48.79	115.8	53.20	124.9	57.28	136.8	64.42
	52	64.80	34.50	75.40	39.08	96.40	48.15	105.7	52.16	115.8	56.83	124.9	61.17	136.8	68.76

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

42. ARUM900LTE6

42.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	160.3	77.37	159.1	78.03	157.7	78.69	157.2	79.00	156.6	79.33	155.4	79.98
	-24.8	-25	186.8	81.26	185.4	82.00	183.9	82.73	183.4	83.09	182.7	83.46	181.3	84.17
	-21.8	-22	203.2	83.49	201.8	84.29	200.5	85.06	199.7	85.44	199.0	85.82	197.5	86.57
	-19.8	-20	215.0	85.00	213.5	85.81	211.9	86.61	211.1	87.01	210.4	87.42	208.9	88.19
	-18.8	-19	221.0	85.74	219.2	86.58	217.7	87.40	216.9	87.80	216.1	88.21	214.7	89.00
	-16.7	-17	233.2	87.27	231.7	88.11	230.1	88.98	229.1	89.40	228.4	89.80	226.8	90.63
	-15	-15.9	240.8	88.15	239.0	89.03	237.4	89.89	236.6	90.31	235.6	90.73	234.1	91.56
	-13.7	-15	247.6	88.94	246.0	89.85	244.3	90.73	243.5	91.17	242.7	91.61	241.2	92.46
	-11.8	-13	260.2	90.38	258.3	91.30	256.6	92.21	255.6	92.66	254.8	93.10	253.0	93.98
	-9.8	-11	274.3	91.94	272.3	92.89	270.4	93.82	269.6	94.28	268.5	94.73	266.7	95.61
	-9.5	-10	281.0	92.66	279.1	93.63	277.2	94.57	276.2	95.03	275.2	95.51	273.2	96.40
	-8.5	-9.1	287.9	93.39	285.6	94.35	283.7	95.31	282.7	95.78	281.8	96.25	279.8	97.17
	-7	-7.6	299.2	94.58	297.1	95.58	295.1	96.56	294.0	97.03	292.8	97.51	290.9	98.44
	-5	-5.6	315.2	96.19	312.9	97.22	310.6	98.23	309.6	98.71	308.4	99.22	306.1	100.2
	-3	-3.7	330.8	97.75	328.5	98.82	326.2	99.85	325.0	100.4	323.9	100.9	318.4	100.4
	0	-0.7	356.6	100.3	354.2	101.4	351.6	102.4	348.0	102.0	344.6	101.5	322.5	94.19
	3	2.2	382.7	102.7	378.4	103.3	368.6	101.4	357.0	97.76	345.4	94.17	322.5	87.13
	5	4.1	399.2	104.0	391.5	103.2	368.6	96.25	357.0	92.86	345.4	89.48	322.5	82.84
	7	6	412.9	103.9	391.5	97.91	368.6	91.36	357.0	88.13	345.4	84.92	322.5	78.64
	9	7.9	414.6	98.93	391.5	92.63	368.6	86.47	357.0	83.43	345.4	80.44	322.5	74.52
	11	9.8	414.6	93.48	391.5	87.58	368.6	81.79	357.0	78.94	345.4	76.15	322.5	70.61
	13	11.8	414.6	87.98	391.5	82.48	368.6	77.10	357.0	74.43	345.4	71.82	322.5	66.65
	15	13.7	414.6	83.00	391.5	77.88	368.6	72.83	357.0	70.35	345.4	67.89	322.5	63.04
120	-30	-30.2	159.5	77.71	158.3	78.37	157.2	79.01	156.6	79.33	156.1	79.66	155.0	80.29
	-24.8	-25	185.8	81.71	184.6	82.44	183.1	83.18	182.6	83.54	181.9	83.88	180.5	84.58
	-21.8	-22	202.4	84.04	200.9	84.81	199.4	85.57	198.7	85.95	197.9	86.32	196.7	87.06
	-19.8	-20	213.8	85.59	212.3	86.40	210.8	87.18	210.0	87.58	209.3	87.95	207.8	88.72
	-18.8	-19	219.8	86.37	218.1	87.18	216.5	87.99	215.8	88.40	215.1	88.79	213.5	89.56
	-16.7	-17	232.0	87.94	230.5	88.78	228.7	89.63	227.9	90.03	227.2	90.43	225.6	91.24
	-15	-15.9	239.3	88.86	237.8	89.72	236.0	90.58	235.1	90.99	234.3	91.40	232.8	92.23
	-13.7	-15	246.2	89.71	244.5	90.60	243.0	91.47	242.2	91.91	241.2	92.31	239.7	93.16
	-11.8	-13	258.7	91.20	256.8	92.12	255.0	93.00	254.1	93.43	253.3	93.87	251.5	94.72
	-9.8	-11	272.6	92.83	270.4	93.76	268.6	94.67	267.7	95.11	266.7	95.56	265.0	96.44
	-9.5	-10	279.1	93.59	277.3	94.54	275.3	95.46	274.2	95.92	273.4	96.37	271.5	97.25
	-8.5	-9.1	285.9	94.36	283.7	95.31	281.7	96.23	280.7	96.70	279.9	97.16	278.0	98.06
	-7	-7.6	297.0	95.60	295.0	96.58	292.8	97.54	291.8	98.01	290.9	98.48	287.5	98.80
	-5	-5.6	312.5	97.31	310.3	98.33	308.2	99.31	307.2	99.79	305.7	100.1	297.7	98.23
	-3	-3.7	328.1	98.98	325.8	100.0	323.5	101.0	320.5	100.7	317.4	100.2	297.7	93.33
	0	-0.7	353.4	101.7	349.6	102.1	340.1	100.1	329.6	96.56	318.9	93.04	297.7	86.10
	3	2.2	375.8	103.0	361.4	99.15	340.1	92.55	329.6	89.28	318.9	86.06	297.7	79.73
	5	4.1	382.5	100.5	361.4	94.15	340.1	87.94	329.6	84.87	318.9	81.83	297.7	75.86
	7	6	382.5	95.38	361.4	89.37	340.1	83.46	329.6	80.57	318.9	77.70	297.7	72.05
	9	7.9	382.5	90.25	361.4	84.60	340.1	79.07	329.6	76.34	318.9	73.64	297.7	68.32
	11	9.8	382.5	85.33	361.4	80.05	340.1	74.84	329.6	72.28	318.9	69.76	297.7	64.77
	13	11.8	382.5	80.40	361.4	75.47	340.1	70.61	329.6	68.23	318.9	65.87	297.7	61.19

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	382.5	75.92	361.4	71.31	340.1	66.76	329.6	64.53	318.9	62.30	297.7	57.95
110	-30	-30.2	158.7	78.12	157.7	78.78	156.5	79.41	156.0	79.74	155.4	80.04	154.2	80.67
	-24.8	-25	185.0	82.26	183.5	82.97	182.3	83.69	181.5	84.03	180.9	84.39	179.7	85.06
	-21.8	-22	201.2	84.65	199.7	85.42	198.3	86.18	197.5	86.54	196.8	86.91	195.6	87.64
	-19.8	-20	212.6	86.27	211.1	87.07	209.6	87.84	208.8	88.22	208.2	88.61	206.6	89.35
	-18.8	-19	218.4	87.08	216.8	87.89	215.3	88.67	214.5	89.07	213.8	89.46	212.4	90.21
	-16.7	-17	230.5	88.73	228.9	89.56	227.2	90.38	226.4	90.78	225.6	91.18	224.1	91.95
	-15	-15.9	237.7	89.69	236.2	90.53	234.4	91.37	233.6	91.78	232.9	92.18	231.3	92.98
	-13.7	-15	244.6	90.59	242.9	91.45	241.4	92.32	240.4	92.74	239.6	93.14	238.1	93.97
	-11.8	-13	256.7	92.14	254.8	93.05	253.2	93.90	252.2	94.33	251.5	94.74	249.6	95.58
	-9.8	-11	270.4	93.85	268.4	94.77	266.6	95.67	265.7	96.08	264.7	96.52	262.1	97.00
	-9.5	-10	276.9	94.66	275.0	95.58	273.0	96.49	272.2	96.93	271.2	97.37	267.1	97.11
	-8.5	-9.1	283.4	95.47	281.4	96.40	279.5	97.31	278.4	97.76	277.6	98.19	272.0	97.24
	-7	-7.6	294.5	96.81	292.4	97.74	290.4	98.69	289.1	98.99	286.1	98.49	272.9	93.89
	-5	-5.6	309.7	98.61	307.6	99.60	303.5	99.66	300.5	99.21	292.5	96.26	272.9	89.08
	-3	-3.7	325.0	100.4	321.2	100.7	311.7	98.37	302.1	94.89	292.5	91.45	272.9	84.69
	0	-0.7	346.4	101.7	331.2	97.16	311.7	90.72	302.1	87.56	292.5	84.40	272.9	78.23
	3	2.2	350.7	95.83	331.2	89.82	311.7	83.95	302.1	81.04	292.5	78.17	272.9	72.53
	5	4.1	350.7	91.02	331.2	85.38	311.7	79.82	302.1	77.09	292.5	74.39	272.9	69.06
	7	6	350.7	86.41	331.2	81.06	311.7	75.80	302.1	73.20	292.5	70.64	272.9	65.60
	9	7.9	350.7	81.83	331.2	76.79	311.7	71.86	302.1	69.43	292.5	67.03	272.9	62.26
	11	9.8	350.7	77.44	331.2	72.73	311.7	68.09	302.1	65.80	292.5	63.54	272.9	59.08
	13	11.8	350.7	73.02	331.2	68.61	311.7	64.29	302.1	62.15	292.5	60.04	272.9	55.87
	15	13.7	350.7	69.02	331.2	64.90	311.7	60.85	302.1	58.83	292.5	56.85	272.9	52.94
100	-30	-30.2	157.9	78.61	156.8	79.24	155.7	79.89	155.0	80.19	154.6	80.50	153.4	81.12
	-24.8	-25	183.8	82.90	182.3	83.60	181.1	84.30	180.5	84.63	179.9	84.99	178.6	85.65
	-21.8	-22	199.8	85.39	198.3	86.15	197.1	86.88	196.3	87.23	195.6	87.59	194.4	88.32
	-19.8	-20	211.1	87.08	209.5	87.86	208.1	88.60	207.4	88.99	206.6	89.36	205.1	90.09
	-18.8	-19	216.8	87.93	215.3	88.72	213.7	89.48	213.1	89.88	212.3	90.25	210.8	90.99
	-16.7	-17	228.7	89.66	227.1	90.46	225.6	91.27	224.8	91.67	224.0	92.04	222.5	92.80
	-15	-15.9	235.8	90.68	234.2	91.50	232.5	92.30	231.7	92.70	230.9	93.10	229.4	93.87
	-13.7	-15	242.6	91.62	241.1	92.48	239.6	93.30	238.8	93.71	238.0	94.13	236.5	94.91
	-11.8	-13	254.4	93.25	252.8	94.12	251.0	94.97	250.1	95.38	249.2	95.78	244.9	95.16
	-9.8	-11	267.8	95.07	266.1	95.96	264.3	96.83	262.8	97.05	260.3	96.56	247.9	92.02
	-9.5	-10	274.2	95.93	272.3	96.81	270.4	97.67	267.8	97.18	265.2	96.71	247.9	89.85
	-8.5	-9.1	280.6	96.78	278.7	97.69	275.3	97.80	272.5	97.32	265.9	94.80	247.9	87.78
	-7	-7.6	291.5	98.20	288.9	98.88	283.5	98.02	274.5	94.57	265.9	91.17	247.9	84.46
	-5	-5.6	306.0	99.93	300.3	99.15	283.5	92.97	274.5	89.73	265.9	86.52	247.9	80.19
	-3	-3.7	317.4	100.2	301.1	94.59	283.5	88.36	274.5	85.29	265.9	82.25	247.9	76.29
	0	-0.7	318.9	93.04	301.1	87.25	283.5	81.59	274.5	78.78	265.9	76.03	247.9	70.56
	3	2.2	318.9	86.06	301.1	80.77	283.5	75.59	274.5	73.04	265.9	70.49	247.9	65.48
	5	4.1	318.9	81.83	301.1	76.85	283.5	71.95	274.5	69.53	265.9	67.13	247.9	62.40
	7	6	318.9	77.70	301.1	72.97	283.5	68.34	274.5	66.05	265.9	63.79	247.9	59.32
	9	7.9	318.9	73.64	301.1	69.21	283.5	64.85	274.5	62.71	265.9	60.56	247.9	56.35
	11	9.8	318.9	69.76	301.1	65.61	283.5	61.51	274.5	59.49	265.9	57.48	247.9	53.52
	13	11.8	318.9	65.87	301.1	61.96	283.5	58.14	274.5	56.24	265.9	54.36	247.9	50.67
	15	13.7	318.9	62.32	301.1	58.65	283.5	55.07	274.5	53.30	265.9	51.54	247.9	48.06

42. ARUM900LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	156.9	79.20	155.7	79.83	154.6	80.45	154.2	80.75	153.5	81.05	152.6	81.66
	-24.8	-25	182.3	83.65	181.1	84.35	179.7	85.03	179.2	85.37	178.5	85.70	177.3	86.36
	-21.8	-22	198.2	86.28	196.7	87.00	195.5	87.72	194.7	88.08	194.0	88.41	192.8	89.11
	-19.8	-20	209.1	88.05	207.7	88.79	206.2	89.53	205.5	89.90	205.0	90.26	203.5	90.96
	-18.8	-19	214.9	88.94	213.3	89.72	211.9	90.45	211.1	90.83	210.4	91.19	209.0	91.91
	-16.7	-17	226.7	90.77	225.1	91.55	223.4	92.34	222.6	92.71	221.8	93.08	218.6	92.72
	-15	-15.9	233.5	91.84	231.9	92.64	230.5	93.42	229.7	93.81	228.6	94.04	223.2	92.65
	-13.7	-15	240.3	92.87	238.8	93.69	237.2	94.49	236.3	94.81	233.9	94.30	223.2	89.97
	-11.8	-13	251.8	94.58	250.1	95.40	247.1	95.56	244.7	95.11	239.2	92.93	223.2	86.08
	-9.8	-11	264.9	96.52	262.0	96.80	255.1	94.96	247.1	91.65	239.2	88.38	223.2	81.95
	-9.5	-10	271.1	97.42	266.7	96.97	255.1	92.71	247.1	89.50	239.2	86.30	223.2	80.05
	-8.5	-9.1	276.5	97.90	271.1	96.92	255.1	90.57	247.1	87.44	239.2	84.35	223.2	78.23
	-7	-7.6	284.6	98.18	271.1	93.21	255.1	87.13	247.1	84.13	239.2	81.17	223.2	75.30
	-5	-5.6	287.0	94.28	271.1	88.45	255.1	82.70	247.1	79.88	239.2	77.08	223.2	71.55
	-3	-3.7	287.0	89.60	271.1	84.09	255.1	78.66	247.1	75.99	239.2	73.34	223.2	68.11
	0	-0.7	287.0	82.72	271.1	77.67	255.1	72.72	247.1	70.29	239.2	67.87	223.2	63.10
	3	2.2	287.0	76.63	271.1	72.01	255.1	67.49	247.1	65.26	239.2	63.04	223.2	58.66
	5	4.1	287.0	72.92	271.1	68.57	255.1	64.28	247.1	62.17	239.2	60.08	223.2	55.92
	7	6	287.0	69.26	271.1	65.15	255.1	61.10	247.1	59.11	239.2	57.12	223.2	53.20
	9	7.9	287.0	65.72	271.1	61.85	255.1	58.04	247.1	56.16	239.2	54.29	223.2	50.60
	11	9.8	287.0	62.33	271.1	58.69	255.1	55.10	247.1	53.34	239.2	51.58	223.2	48.09
	13	11.8	287.0	58.90	271.1	55.50	255.1	52.13	247.1	50.49	239.2	48.82	223.2	45.59
	15	13.7	287.0	55.79	271.1	52.60	255.1	49.44	247.1	47.88	239.2	46.35	223.2	43.30
80	-30	-30.2	155.7	79.91	154.5	80.51	153.4	81.13	153.0	81.42	152.4	81.72	151.4	82.31
	-24.8	-25	180.7	84.58	179.3	85.25	178.1	85.91	177.4	86.24	176.9	86.56	175.8	87.22
	-21.8	-22	196.0	87.36	194.7	88.06	193.3	88.75	192.8	89.09	192.1	89.42	190.4	89.73
	-19.8	-20	206.9	89.21	205.4	89.95	204.2	90.68	203.4	91.02	202.5	91.28	198.3	90.20
	-18.8	-19	212.5	90.18	211.1	90.91	209.6	91.65	208.8	91.99	206.7	91.50	198.4	88.07
	-16.7	-17	223.9	92.11	222.4	92.87	219.7	92.92	217.6	92.46	212.6	90.39	198.4	83.85
	-15	-15.9	230.7	93.26	229.3	94.03	224.8	93.19	219.7	91.02	212.6	87.80	198.4	81.40
	-13.7	-15	237.5	94.37	234.4	94.37	226.8	91.58	219.7	88.37	212.6	85.21	198.4	79.00
	-11.8	-13	247.2	95.51	241.0	93.72	226.8	87.61	219.7	84.57	212.6	81.55	198.4	75.62
	-9.8	-11	255.1	94.96	241.0	89.11	226.8	83.38	219.7	80.53	212.6	77.72	198.4	72.16
	-9.5	-10	255.1	92.71	241.0	87.01	226.8	81.42	219.7	78.67	212.6	75.93	198.4	70.53
	-8.5	-9.1	255.1	90.57	241.0	85.03	226.8	79.58	219.7	76.89	212.6	74.20	198.4	68.94
	-7	-7.6	255.1	87.13	241.0	81.81	226.8	76.59	219.7	74.02	212.6	71.46	198.4	66.42
	-5	-5.6	255.1	82.70	241.0	77.71	226.8	72.78	219.7	70.34	212.6	67.92	198.4	63.16
	-3	-3.7	255.1	78.66	241.0	73.94	226.8	69.26	219.7	66.98	212.6	64.70	198.4	60.20
	0	-0.7	255.1	72.72	241.0	68.40	226.8	64.14	219.7	62.05	212.6	59.96	198.4	55.85
	3	2.2	255.1	67.49	241.0	63.52	226.8	59.62	219.7	57.70	212.6	55.76	198.4	51.99
	5	4.1	255.1	64.28	241.0	60.53	226.8	56.84	219.7	55.01	212.6	53.18	198.4	49.60
	7	6	255.1	61.10	241.0	57.56	226.8	54.06	219.7	52.34	212.6	50.62	198.4	47.23
	9	7.9	255.1	58.04	241.0	54.69	226.8	51.41	219.7	49.78	212.6	48.17	198.4	44.98
	11	9.8	255.1	55.10	241.0	51.95	226.8	48.86	219.7	47.33	212.6	45.80	198.4	42.80
	13	11.8	255.1	52.13	241.0	49.21	226.8	46.31	219.7	44.86	212.6	43.45	198.4	40.63
	15	13.7	255.1	49.44	241.0	46.68	226.8	43.96	219.7	42.62	212.6	41.28	198.4	38.62
70	-30	-30.2	154.1	80.82	153.0	81.40	151.9	81.99	151.4	82.29	150.8	82.58	150.0	83.15

42. ARUM900LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	178.4	85.74	177.3	86.40	176.1	87.03	175.4	87.35	175.0	87.65	171.7	86.88
	-21.8	-22	193.5	88.68	192.1	89.36	190.4	89.67	188.4	89.20	186.0	88.35	173.6	82.02
	-19.8	-20	204.2	90.67	202.2	91.06	198.3	90.20	192.3	87.19	186.0	84.16	173.6	78.14
	-18.8	-19	209.5	91.70	206.3	91.33	198.4	88.07	192.3	85.09	186.0	82.14	173.6	76.28
	-16.7	-17	218.7	92.66	210.8	89.56	198.4	83.85	192.3	81.02	186.0	78.21	173.6	72.67
	-15	-15.9	223.2	92.65	210.8	87.00	198.4	81.40	192.3	78.62	186.0	75.87	173.6	70.45
	-13.7	-15	223.2	89.97	210.8	84.44	198.4	79.00	192.3	76.30	186.0	73.64	173.6	68.38
	-11.8	-13	223.2	86.08	210.8	80.80	198.4	75.62	192.3	73.04	186.0	70.51	173.6	65.50
	-9.8	-11	223.2	81.95	210.8	77.02	198.4	72.16	192.3	69.76	186.0	67.36	173.6	62.59
	-9.5	-10	223.2	80.05	210.8	75.26	198.4	70.53	192.3	68.19	186.0	65.87	173.6	61.31
	-8.5	-9.1	223.2	78.23	210.8	73.56	198.4	68.95	192.3	66.67	186.0	64.41	173.6	59.96
	-7	-7.6	223.2	75.30	210.8	70.82	198.4	66.42	192.3	64.24	186.0	62.08	173.6	57.80
	-5	-5.6	223.2	71.55	210.8	67.32	198.4	63.17	192.3	61.11	186.0	59.07	173.6	55.03
	-3	-3.7	223.2	68.11	210.8	64.14	198.4	60.20	192.3	58.25	186.0	56.32	173.6	52.50
	0	-0.7	223.2	63.10	210.8	59.45	198.4	55.85	192.3	54.06	186.0	52.30	173.6	48.79
	3	2.2	223.2	58.66	210.8	55.31	198.4	51.99	192.3	50.35	186.0	48.74	173.6	45.51
	5	4.1	223.2	55.92	210.8	52.74	198.4	49.60	192.3	48.04	186.0	46.50	173.6	43.46
	7	6	223.2	53.20	210.8	50.21	198.4	47.23	192.3	45.78	186.0	44.32	173.6	41.44
	9	7.9	223.2	50.60	210.8	47.77	198.4	44.98	192.3	43.60	186.0	42.23	173.6	39.51
	11	9.8	223.2	48.09	210.8	45.44	198.4	42.80	192.3	41.51	186.0	40.21	173.6	37.65
	13	11.8	223.2	45.59	210.8	43.08	198.4	40.63	192.3	39.41	186.0	38.19	173.6	35.78
	15	13.7	223.2	43.30	210.8	40.96	198.4	38.62	192.3	37.47	186.0	36.35	173.6	34.07
60	-30	-30.2	151.9	81.98	151.0	82.56	150.0	83.13	149.5	83.41	148.8	83.69	146.4	83.04
	-24.8	-25	175.7	87.24	173.9	87.40	170.2	86.27	164.7	83.40	159.4	80.53	148.9	74.87
	-21.8	-22	188.2	89.10	180.8	85.63	170.2	80.24	164.7	77.57	159.4	74.93	148.9	69.69
	-19.8	-20	191.3	86.75	180.8	81.58	170.2	76.45	164.7	73.94	159.4	71.43	148.9	66.46
	-18.8	-19	191.3	84.67	180.8	79.61	170.2	74.65	164.7	72.18	159.4	69.73	148.9	64.90
	-16.7	-17	191.3	80.62	180.8	75.84	170.2	71.12	164.7	68.77	159.4	66.46	148.9	61.88
	-15	-15.9	191.3	78.24	180.8	73.55	170.2	68.93	164.7	66.65	159.4	64.39	148.9	59.90
	-13.7	-15	191.3	75.93	180.8	71.39	170.2	66.92	164.7	64.70	159.4	62.51	148.9	58.18
	-11.8	-13	191.3	72.69	180.8	68.34	170.2	64.07	164.7	61.96	159.4	59.88	148.9	55.74
	-9.8	-11	191.3	69.40	180.8	65.30	170.2	61.24	164.7	59.22	159.4	57.23	148.9	53.29
	-9.5	-10	191.3	67.85	180.8	63.91	170.2	60.02	164.7	58.08	159.4	56.18	148.9	52.38
	-8.5	-9.1	191.3	66.34	180.8	62.49	170.2	58.71	164.7	56.83	159.4	54.96	148.9	51.25
	-7	-7.6	191.3	63.93	180.8	60.24	170.2	56.59	164.7	54.79	159.4	53.00	148.9	49.45
	-5	-5.6	191.3	60.81	180.8	57.34	170.2	53.89	164.7	52.20	159.4	50.49	148.9	47.16
	-3	-3.7	191.3	57.98	180.8	54.67	170.2	51.42	164.7	49.81	159.4	48.20	148.9	45.04
	0	-0.7	191.3	53.80	180.8	50.79	170.2	47.81	164.7	46.32	159.4	44.86	148.9	41.94
	3	2.2	191.3	50.13	180.8	47.35	170.2	44.60	164.7	43.25	159.4	41.89	148.9	39.22
	5	4.1	191.3	47.83	180.8	45.20	170.2	42.60	164.7	41.30	159.4	40.01	148.9	37.48
	7	6	191.3	45.56	180.8	43.09	170.2	40.62	164.7	39.41	159.4	38.19	148.9	35.79
	9	7.9	191.3	43.41	180.8	41.06	170.2	38.74	164.7	37.58	159.4	36.44	148.9	34.18
	11	9.8	191.3	41.32	180.8	39.12	170.2	36.93	164.7	35.85	159.4	34.78	148.9	32.64
	13	11.8	191.3	39.23	180.8	37.15	170.2	35.11	164.7	34.09	159.4	33.07	148.9	31.08
	15	13.7	191.3	37.33	180.8	35.36	170.2	33.44	164.7	32.50	159.4	31.54	148.9	29.65
50	-30	-30.2	149.1	83.56	147.1	83.17	141.7	80.56	137.3	77.91	132.8	75.27	124.1	70.07
	-24.8	-25	159.4	80.53	150.7	75.81	141.7	71.15	137.3	68.83	132.8	66.54	124.1	62.00

42. ARUM900LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	159.4	74.93	150.7	70.57	141.7	66.25	137.3	64.12	132.8	62.00	124.1	57.81
	-19.8	-20	159.4	71.43	150.7	67.28	141.7	63.18	137.3	61.17	132.8	59.17	124.1	55.17
	-18.8	-19	159.4	69.75	150.7	65.70	141.7	61.72	137.3	59.74	132.8	57.79	124.1	53.91
	-16.7	-17	159.4	66.46	150.7	62.64	141.7	58.86	137.3	57.00	132.8	55.13	124.1	51.45
	-15	-15.9	159.4	64.39	150.7	60.64	141.7	56.98	137.3	55.14	132.8	53.33	124.1	49.77
	-13.7	-15	159.4	62.51	150.7	58.88	141.7	55.33	137.3	53.57	132.8	51.81	124.1	48.35
	-11.8	-13	159.4	59.88	150.7	56.42	141.7	53.02	137.3	51.34	132.8	49.66	124.1	46.37
	-9.8	-11	159.4	57.23	150.7	53.95	141.7	50.72	137.3	49.12	132.8	47.51	124.1	44.37
	-9.5	-10	159.4	56.18	150.7	53.02	141.7	49.88	137.3	48.34	132.8	46.81	124.1	43.76
	-8.5	-9.1	159.4	54.96	150.7	51.88	141.7	48.84	137.3	47.32	132.8	45.82	124.1	42.84
	-7	-7.6	159.4	53.00	150.7	50.04	141.7	47.11	137.3	45.68	132.8	44.24	124.1	41.40
	-5	-5.6	159.4	50.49	150.7	47.71	141.7	44.94	137.3	43.57	132.8	42.22	124.1	39.52
	-3	-3.7	159.4	48.20	150.7	45.58	141.7	42.97	137.3	41.66	132.8	40.37	124.1	37.82
	0	-0.7	159.4	44.86	150.7	42.43	141.7	40.02	137.3	38.84	132.8	37.65	124.1	35.31
	3	2.2	159.4	41.89	150.7	39.65	141.7	37.45	137.3	36.37	132.8	35.26	124.1	33.10
	5	4.1	159.4	40.01	150.7	37.91	141.7	35.80	137.3	34.76	132.8	33.73	124.1	31.69
	7	6	159.4	38.19	150.7	36.19	141.7	34.22	137.3	33.22	132.8	32.26	124.1	30.33
	9	7.9	159.4	36.44	150.7	34.56	141.7	32.69	137.3	31.76	132.8	30.84	124.1	29.02
	11	9.8	159.4	34.78	150.7	32.99	141.7	31.22	137.3	30.36	132.8	29.49	124.1	27.76
	13	11.8	159.4	33.07	150.7	31.40	141.7	29.76	137.3	28.92	132.8	28.11	124.1	26.48
	15	13.7	159.4	31.54	150.7	29.96	141.7	28.39	137.3	27.64	132.8	26.87	124.1	25.32

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

42. ARUM900LTE6

42.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	160.3	77.37	159.1	78.03	157.7	78.69	157.2	79.00	156.6	79.33	155.4	79.98
	-24.8	-25	186.8	81.26	185.4	82.00	183.9	82.73	183.4	83.09	182.7	83.46	181.3	84.17
	-21.8	-22	203.2	83.49	201.8	84.29	200.5	85.06	199.7	85.44	199.0	85.82	197.5	86.57
	-19.8	-20	215.0	85.00	213.5	85.81	211.9	86.61	211.1	87.01	210.4	87.42	208.9	88.19
	-18.8	-19	221.0	85.74	219.2	86.58	217.7	87.40	216.9	87.80	216.1	88.21	214.7	89.00
	-16.7	-17	233.2	87.27	231.7	88.11	230.1	88.98	229.1	89.40	228.4	89.80	226.8	90.63
	-15	-15.9	240.8	88.15	239.0	89.03	237.4	89.89	236.6	90.31	235.6	90.73	234.1	91.56
	-13.7	-15	247.6	88.94	246.0	89.85	244.3	90.73	243.5	91.17	242.7	91.61	241.2	92.46
	-11.8	-13	260.2	90.38	258.3	91.30	256.6	92.21	255.6	92.66	254.8	93.10	253.0	93.98
	-9.8	-11	274.3	91.94	272.3	92.89	270.4	93.82	269.6	94.28	268.5	94.73	266.7	95.61
	-9.5	-10	281.0	92.66	279.1	93.63	277.2	94.57	276.2	95.03	275.2	95.51	273.2	96.40
	-8.5	-9.1	287.9	93.39	285.6	94.35	283.7	95.31	282.7	95.78	281.8	96.25	279.8	97.17
	-7	-7.6	299.2	94.58	297.1	95.58	295.1	96.56	294.0	97.03	292.8	97.51	290.9	98.44
	-5	-5.6	315.2	96.19	312.9	97.22	310.6	98.23	309.6	98.71	308.4	99.22	306.1	100.2
	-3	-3.7	330.8	97.75	328.5	98.82	326.2	99.85	325.0	100.4	323.9	100.9	318.4	100.4
	0	-0.7	356.6	100.3	354.2	101.4	351.6	102.4	348.0	102.0	344.6	101.5	322.5	94.19
	3	2.2	382.7	102.7	378.4	103.3	368.6	101.4	357.0	97.76	345.4	94.17	322.5	87.13
	5	4.1	392.3	101.2	369.0	94.37	345.9	87.65	334.2	84.34	322.6	81.06	299.2	74.63
	7	6	369.6	87.52	346.1	81.24	322.6	75.11	310.9	72.08	298.9	69.09	275.3	63.20
	9	7.9	346.1	74.85	322.4	69.20	298.5	63.64	286.6	60.92	274.5	58.22	250.6	52.89
	11	9.8	321.7	63.39	297.8	58.33	273.7	53.35	261.7	50.92	249.4	48.47	225.0	43.68
	13	11.8	296.6	52.94	272.3	48.45	247.9	44.04	235.8	41.86	223.5	39.70	198.7	35.44
	15	13.7	270.4	43.77	246.0	39.82	221.3	35.91	208.9	33.98	196.5	32.08	171.4	28.30
120	-30	-30.2	159.5	77.71	158.3	78.37	157.2	79.01	156.6	79.33	156.1	79.66	155.0	80.29
	-24.8	-25	185.8	81.71	184.6	82.44	183.1	83.18	182.6	83.54	181.9	83.88	180.5	84.58
	-21.8	-22	202.4	84.04	200.9	84.81	199.4	85.57	198.7	85.95	197.9	86.32	196.7	87.06
	-19.8	-20	213.8	85.59	212.3	86.40	210.8	87.18	210.0	87.58	209.3	87.95	207.8	88.72
	-18.8	-19	219.8	86.37	218.1	87.18	216.5	87.99	215.8	88.40	215.1	88.79	213.5	89.56
	-16.7	-17	232.0	87.94	230.5	88.78	228.7	89.63	227.9	90.03	227.2	90.43	225.6	91.24
	-15	-15.9	239.3	88.86	237.8	89.72	236.0	90.58	235.1	90.99	234.3	91.40	232.8	92.23
	-13.7	-15	246.2	89.71	244.5	90.60	243.0	91.47	242.2	91.91	241.2	92.31	239.7	93.16
	-11.8	-13	258.7	91.20	256.8	92.12	255.0	93.00	254.1	93.43	253.3	93.87	251.5	94.72
	-9.8	-11	272.6	92.83	270.4	93.76	268.6	94.67	267.7	95.11	266.7	95.56	265.0	96.44
	-9.5	-10	279.1	93.59	277.3	94.54	275.3	95.46	274.2	95.92	273.4	96.37	271.5	97.25
	-8.5	-9.1	285.9	94.36	283.7	95.31	281.7	96.23	280.7	96.70	279.9	97.16	278.0	98.06
	-7	-7.6	297.0	95.60	295.0	96.58	292.8	97.54	291.8	98.01	290.9	98.48	287.5	98.80
	-5	-5.6	312.5	97.31	310.3	98.33	308.2	99.31	307.2	99.79	305.7	100.1	297.7	98.23
	-3	-3.7	328.1	98.98	325.8	100.0	323.5	101.0	320.5	100.7	317.4	100.2	297.7	93.33
	0	-0.7	353.4	101.7	349.6	102.1	340.1	100.1	329.6	96.56	318.9	93.04	297.7	86.10
	3	2.2	375.8	103.0	361.4	99.15	340.1	92.55	329.6	89.28	318.9	86.06	297.7	79.73
	5	4.1	362.2	92.35	340.8	86.19	319.3	80.15	308.6	77.17	297.8	74.22	276.3	68.42
	7	6	341.2	79.93	319.5	74.29	297.8	68.79	286.9	66.05	276.0	63.38	254.2	58.05
	9	7.9	319.5	68.49	297.4	63.42	275.6	58.43	264.7	55.97	253.5	53.52	231.3	48.70
	11	9.8	297.0	58.15	274.9	53.59	252.7	49.10	241.5	46.90	230.3	44.70	207.8	40.35
	13	11.8	273.7	48.70	251.3	44.63	228.9	40.64	217.6	38.68	206.2	36.73	183.3	32.86

42. ARUM900LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	249.7	40.39	227.0	36.81	204.3	33.27	192.8	31.54	181.4	29.80	158.1	26.38
110	-30	-30.2	158.7	78.12	157.7	78.78	156.5	79.41	156.0	79.74	155.4	80.04	154.2	80.67
	-24.8	-25	185.0	82.26	183.5	82.97	182.3	83.69	181.5	84.03	180.9	84.39	179.7	85.06
	-21.8	-22	201.2	84.65	199.7	85.42	198.3	86.18	197.5	86.54	196.8	86.91	195.6	87.64
	-19.8	-20	212.6	86.27	211.1	87.07	209.6	87.84	208.8	88.22	208.2	88.61	206.6	89.35
	-18.8	-19	218.4	87.08	216.8	87.89	215.3	88.67	214.5	89.07	213.8	89.46	212.4	90.21
	-16.7	-17	230.5	88.73	228.9	89.56	227.2	90.38	226.4	90.78	225.6	91.18	224.1	91.95
	-15	-15.9	237.7	89.69	236.2	90.53	234.4	91.37	233.6	91.78	232.9	92.18	231.3	92.98
	-13.7	-15	244.6	90.59	242.9	91.45	241.4	92.32	240.4	92.74	239.6	93.14	238.1	93.97
	-11.8	-13	256.7	92.14	254.8	93.05	253.2	93.90	252.2	94.33	251.5	94.74	249.6	95.58
	-9.8	-11	270.4	93.85	268.4	94.77	266.6	95.67	265.7	96.08	264.7	96.52	262.1	97.00
	-9.5	-10	276.9	94.66	275.0	95.58	273.0	96.49	272.2	96.93	271.2	97.37	267.1	97.11
	-8.5	-9.1	283.4	95.47	281.4	96.40	279.5	97.31	278.4	97.76	277.6	98.19	272.0	97.24
	-7	-7.6	294.5	96.81	292.4	97.74	290.4	98.69	289.1	98.99	286.1	98.49	272.9	93.89
	-5	-5.6	309.7	98.61	307.6	99.60	303.5	99.66	300.5	99.21	292.5	96.26	272.9	89.08
	-3	-3.7	325.0	100.4	321.2	100.7	311.7	98.37	302.1	94.89	292.5	91.45	272.9	84.69
	0	-0.7	346.4	101.7	331.2	97.16	311.7	90.72	302.1	87.56	292.5	84.40	272.9	78.23
	3	2.2	350.7	95.83	331.2	89.82	311.7	83.95	302.1	81.04	292.5	78.17	272.9	72.53
	5	4.1	332.0	83.71	312.4	78.24	292.7	72.85	282.8	70.20	273.0	67.57	253.2	62.36
	7	6	312.7	72.57	292.9	67.56	273.0	62.63	262.9	60.21	253.0	57.78	232.9	53.04
	9	7.9	292.9	62.31	272.7	57.78	252.7	53.33	242.6	51.13	232.4	48.95	211.9	44.62
	11	9.8	272.2	53.05	252.0	48.96	231.7	44.94	221.3	42.96	211.1	41.00	190.5	37.10
	13	11.8	250.8	44.55	230.3	40.92	209.9	37.35	199.5	35.56	189.0	33.83	168.1	30.33
	15	13.7	228.7	37.07	208.1	33.87	187.2	30.68	176.7	29.12	166.1	27.55	144.8	24.48
100	-30	-30.2	157.9	78.61	156.8	79.24	155.7	79.89	155.0	80.19	154.6	80.50	153.4	81.12
	-24.8	-25	183.8	82.90	182.3	83.60	181.1	84.30	180.5	84.63	179.9	84.99	178.6	85.65
	-21.8	-22	199.8	85.39	198.3	86.15	197.1	86.88	196.3	87.23	195.6	87.59	194.4	88.32
	-19.8	-20	211.1	87.08	209.5	87.86	208.1	88.60	207.4	88.99	206.6	89.36	205.1	90.09
	-18.8	-19	216.8	87.93	215.3	88.72	213.7	89.48	213.1	89.88	212.3	90.25	210.8	90.99
	-16.7	-17	228.7	89.66	227.1	90.46	225.6	91.27	224.8	91.67	224.0	92.04	222.5	92.80
	-15	-15.9	235.8	90.68	234.2	91.50	232.5	92.30	231.7	92.70	230.9	93.10	229.4	93.87
	-13.7	-15	242.6	91.62	241.1	92.48	239.6	93.30	238.8	93.71	238.0	94.13	236.5	94.91
	-11.8	-13	254.4	93.25	252.8	94.12	251.0	94.97	250.1	95.38	249.2	95.78	244.9	95.16
	-9.8	-11	267.8	95.07	266.1	95.96	264.3	96.83	262.8	97.05	260.3	96.56	247.9	92.02
	-9.5	-10	274.2	95.93	272.3	96.81	270.4	97.67	267.8	97.18	265.2	96.71	247.9	89.85
	-8.5	-9.1	280.6	96.78	278.7	97.69	275.3	97.80	272.5	97.32	265.9	94.80	247.9	87.78
	-7	-7.6	291.5	98.20	288.9	98.88	283.5	98.02	274.5	94.57	265.9	91.17	247.9	84.46
	-5	-5.6	306.0	99.93	300.3	99.15	283.5	92.97	274.5	89.73	265.9	86.52	247.9	80.19
	-3	-3.7	317.4	100.2	301.1	94.59	283.5	88.36	274.5	85.29	265.9	82.25	247.9	76.29
	0	-0.7	318.9	93.04	301.1	87.25	283.5	81.59	274.5	78.78	265.9	76.03	247.9	70.56
	3	2.2	318.9	86.06	301.1	80.77	283.5	75.59	274.5	73.04	265.9	70.49	247.9	65.48
	5	4.1	301.9	75.35	283.9	70.51	266.1	65.75	257.2	63.40	248.2	61.06	230.2	56.44
	7	6	284.3	65.41	266.3	60.99	248.2	56.64	239.1	54.48	229.9	52.35	211.9	48.12
	9	7.9	266.3	56.32	247.9	52.31	229.5	48.36	220.5	46.40	211.1	44.47	192.7	40.64
	11	9.8	247.5	48.07	229.1	44.47	210.5	40.89	201.3	39.13	191.9	37.38	173.2	33.91
	13	11.8	228.0	40.50	209.6	37.28	190.8	34.09	181.4	32.51	171.8	30.96	152.8	27.85
	15	13.7	208.0	33.84	189.2	30.97	170.2	28.16	160.8	26.75	151.1	25.36	131.7	22.61

42. ARUM900LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	156.9	79.20	155.7	79.83	154.6	80.45	154.2	80.75	153.5	81.05	152.6	81.66
	-24.8	-25	182.3	83.65	181.1	84.35	179.7	85.03	179.2	85.37	178.5	85.70	177.3	86.36
	-21.8	-22	198.2	86.28	196.7	87.00	195.5	87.72	194.7	88.08	194.0	88.41	192.8	89.11
	-19.8	-20	209.1	88.05	207.7	88.79	206.2	89.53	205.5	89.90	205.0	90.26	203.5	90.96
	-18.8	-19	214.9	88.94	213.3	89.72	211.9	90.45	211.1	90.83	210.4	91.19	209.0	91.91
	-16.7	-17	226.7	90.77	225.1	91.55	223.4	92.34	222.6	92.71	221.8	93.08	218.6	92.72
	-15	-15.9	233.5	91.84	231.9	92.64	230.5	93.42	229.7	93.81	228.6	94.04	223.2	92.65
	-13.7	-15	240.3	92.87	238.8	93.69	237.2	94.49	236.3	94.81	233.9	94.30	223.2	89.97
	-11.8	-13	251.8	94.58	250.1	95.40	247.1	95.56	244.7	95.11	239.2	92.93	223.2	86.08
	-9.8	-11	264.9	96.52	262.0	96.80	255.1	94.96	247.1	91.65	239.2	88.38	223.2	81.95
	-9.5	-10	271.1	97.42	266.7	96.97	255.1	92.71	247.1	89.50	239.2	86.30	223.2	80.05
	-8.5	-9.1	276.5	97.90	271.1	96.92	255.1	90.57	247.1	87.44	239.2	84.35	223.2	78.23
	-7	-7.6	284.6	98.18	271.1	93.21	255.1	87.13	247.1	84.13	239.2	81.17	223.2	75.30
	-5	-5.6	287.0	94.28	271.1	88.45	255.1	82.70	247.1	79.88	239.2	77.08	223.2	71.55
	-3	-3.7	287.0	89.60	271.1	84.09	255.1	78.66	247.1	75.99	239.2	73.34	223.2	68.11
	0	-0.7	287.0	82.72	271.1	77.67	255.1	72.72	247.1	70.29	239.2	67.87	223.2	63.10
	3	2.2	287.0	76.63	271.1	72.01	255.1	67.49	247.1	65.26	239.2	63.04	223.2	58.66
	5	4.1	271.6	67.23	255.7	62.99	239.5	58.83	231.4	56.76	223.4	54.71	207.0	50.65
	7	6	255.8	58.48	239.7	54.61	223.4	50.79	215.2	48.91	207.0	47.03	190.6	43.33
	9	7.9	239.6	50.48	223.2	46.98	206.6	43.50	198.4	41.80	190.2	40.09	173.6	36.71
	11	9.8	222.7	43.23	206.2	40.05	189.4	36.92	181.1	35.38	172.8	33.83	155.9	30.77
	13	11.8	205.2	36.56	188.6	33.73	171.8	30.93	163.2	29.54	154.8	28.16	137.6	25.41
	15	13.7	187.2	30.68	170.2	28.16	153.4	25.68	144.7	24.44	136.0	23.21	118.5	20.77
80	-30	-30.2	155.7	79.91	154.5	80.51	153.4	81.13	153.0	81.42	152.4	81.72	151.4	82.31
	-24.8	-25	180.7	84.58	179.3	85.25	178.1	85.91	177.4	86.24	176.9	86.56	175.8	87.22
	-21.8	-22	196.0	87.36	194.7	88.06	193.3	88.75	192.8	89.09	192.1	89.42	190.4	89.73
	-19.8	-20	206.9	89.21	205.4	89.95	204.2	90.68	203.4	91.02	202.5	91.28	198.3	90.20
	-18.8	-19	212.5	90.18	211.1	90.91	209.6	91.65	208.8	91.99	206.7	91.50	198.4	88.07
	-16.7	-17	223.9	92.11	222.4	92.87	219.7	92.92	217.6	92.46	212.6	90.39	198.4	83.85
	-15	-15.9	230.7	93.26	229.3	94.03	224.8	93.19	219.7	91.02	212.6	87.80	198.4	81.40
	-13.7	-15	237.5	94.37	234.4	94.37	226.8	91.58	219.7	88.37	212.6	85.21	198.4	79.00
	-11.8	-13	247.2	95.51	241.0	93.72	226.8	87.61	219.7	84.57	212.6	81.55	198.4	75.62
	-9.8	-11	255.1	94.96	241.0	89.11	226.8	83.38	219.7	80.53	212.6	77.72	198.4	72.16
	-9.5	-10	255.1	92.71	241.0	87.01	226.8	81.42	219.7	78.67	212.6	75.93	198.4	70.53
	-8.5	-9.1	255.1	90.57	241.0	85.03	226.8	79.58	219.7	76.89	212.6	74.20	198.4	68.94
	-7	-7.6	255.1	87.13	241.0	81.81	226.8	76.59	219.7	74.02	212.6	71.46	198.4	66.42
	-5	-5.6	255.1	82.70	241.0	77.71	226.8	72.78	219.7	70.34	212.6	67.92	198.4	63.16
	-3	-3.7	255.1	78.66	241.0	73.94	226.8	69.26	219.7	66.98	212.6	64.70	198.4	60.20
	0	-0.7	255.1	72.72	241.0	68.40	226.8	64.14	219.7	62.05	212.6	59.96	198.4	55.85
	3	2.2	255.1	67.49	241.0	63.52	226.8	59.62	219.7	57.70	212.6	55.76	198.4	51.99
	5	4.1	241.5	59.34	227.2	55.70	212.9	52.08	205.8	50.30	198.4	48.53	184.1	45.04
	7	6	227.5	51.74	213.0	48.41	198.4	45.11	191.3	43.48	184.1	41.87	169.4	38.66
	9	7.9	213.0	44.80	198.4	41.78	183.7	38.77	176.3	37.29	169.1	35.81	154.2	32.88
	11	9.8	198.0	38.50	183.3	35.77	168.4	33.05	161.0	31.70	153.4	30.37	138.5	27.71
	13	11.8	182.5	32.71	167.6	30.25	152.6	27.81	145.1	26.61	137.6	25.41	122.3	23.04
	15	13.7	166.5	27.59	151.4	25.40	136.2	23.24	128.6	22.16	120.9	21.08	105.4	18.95
70	-30	-30.2	154.1	80.82	153.0	81.40	151.9	81.99	151.4	82.29	150.8	82.58	150.0	83.15

42. ARUM900LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	178.4	85.74	177.3	86.40	176.1	87.03	175.4	87.35	175.0	87.65	171.7	86.88
	-21.8	-22	193.5	88.68	192.1	89.36	190.4	89.67	188.4	89.20	186.0	88.35	173.6	82.02
	-19.8	-20	204.2	90.67	202.2	91.06	198.3	90.20	192.3	87.19	186.0	84.16	173.6	78.14
	-18.8	-19	209.5	91.70	206.3	91.33	198.4	88.07	192.3	85.09	186.0	82.14	173.6	76.28
	-16.7	-17	218.7	92.66	210.8	89.56	198.4	83.85	192.3	81.02	186.0	78.21	173.6	72.67
	-15	-15.9	223.2	92.65	210.8	87.00	198.4	81.40	192.3	78.62	186.0	75.87	173.6	70.45
	-13.7	-15	223.2	89.97	210.8	84.44	198.4	79.00	192.3	76.30	186.0	73.64	173.6	68.38
	-11.8	-13	223.2	86.08	210.8	80.80	198.4	75.62	192.3	73.04	186.0	70.51	173.6	65.50
	-9.8	-11	223.2	81.95	210.8	77.02	198.4	72.16	192.3	69.76	186.0	67.36	173.6	62.59
	-9.5	-10	223.2	80.05	210.8	75.26	198.4	70.53	192.3	68.19	186.0	65.87	173.6	61.31
	-8.5	-9.1	223.2	78.23	210.8	73.56	198.4	68.95	192.3	66.67	186.0	64.41	173.6	59.96
	-7	-7.6	223.2	75.30	210.8	70.82	198.4	66.42	192.3	64.24	186.0	62.08	173.6	57.80
	-5	-5.6	223.2	71.55	210.8	67.32	198.4	63.17	192.3	61.11	186.0	59.07	173.6	55.03
	-3	-3.7	223.2	68.11	210.8	64.14	198.4	60.20	192.3	58.25	186.0	56.32	173.6	52.50
	0	-0.7	223.2	63.10	210.8	59.45	198.4	55.85	192.3	54.06	186.0	52.30	173.6	48.79
	3	2.2	223.2	58.66	210.8	55.31	198.4	51.99	192.3	50.35	186.0	48.74	173.6	45.51
	5	4.1	211.3	51.71	198.8	48.61	186.3	45.55	180.0	44.03	173.7	42.52	161.2	39.54
	7	6	199.0	45.21	186.4	42.39	173.7	39.60	167.3	38.20	161.0	36.83	148.1	34.08
	9	7.9	186.3	39.31	173.6	36.72	160.8	34.17	154.4	32.91	147.9	31.66	135.0	29.15
	11	9.8	173.2	33.91	160.4	31.59	147.4	29.27	140.9	28.13	134.3	26.98	121.1	24.71
	13	11.8	159.7	28.95	146.6	26.86	133.5	24.80	127.0	23.75	120.3	22.73	106.9	20.68
	15	13.7	145.6	24.58	132.4	22.70	119.2	20.86	112.5	19.92	105.8	19.02	92.20	17.19
60	-30	-30.2	151.9	81.98	151.0	82.56	150.0	83.13	149.5	83.41	148.8	83.69	146.4	83.04
	-24.8	-25	175.7	87.24	173.9	87.40	170.2	86.27	164.7	83.40	159.4	80.53	148.9	74.87
	-21.8	-22	188.2	89.10	180.8	85.63	170.2	80.24	164.7	77.57	159.4	74.93	148.9	69.69
	-19.8	-20	191.3	86.75	180.8	81.58	170.2	76.45	164.7	73.94	159.4	71.43	148.9	66.46
	-18.8	-19	191.3	84.67	180.8	79.61	170.2	74.65	164.7	72.18	159.4	69.73	148.9	64.90
	-16.7	-17	191.3	80.62	180.8	75.84	170.2	71.12	164.7	68.77	159.4	66.46	148.9	61.88
	-15	-15.9	191.3	78.24	180.8	73.55	170.2	68.93	164.7	66.65	159.4	64.39	148.9	59.90
	-13.7	-15	191.3	75.93	180.8	71.39	170.2	66.92	164.7	64.70	159.4	62.51	148.9	58.18
	-11.8	-13	191.3	72.69	180.8	68.34	170.2	64.07	164.7	61.96	159.4	59.88	148.9	55.74
	-9.8	-11	191.3	69.40	180.8	65.30	170.2	61.24	164.7	59.22	159.4	57.23	148.9	53.29
	-9.5	-10	191.3	67.85	180.8	63.91	170.2	60.02	164.7	58.08	159.4	56.18	148.9	52.38
	-8.5	-9.1	191.3	66.34	180.8	62.49	170.2	58.71	164.7	56.83	159.4	54.96	148.9	51.25
	-7	-7.6	191.3	63.93	180.8	60.24	170.2	56.59	164.7	54.79	159.4	53.00	148.9	49.45
	-5	-5.6	191.3	60.81	180.8	57.34	170.2	53.89	164.7	52.20	159.4	50.49	148.9	47.16
	-3	-3.7	191.3	57.98	180.8	54.67	170.2	51.42	164.7	49.81	159.4	48.20	148.9	45.04
	0	-0.7	191.3	53.80	180.8	50.79	170.2	47.81	164.7	46.32	159.4	44.86	148.9	41.94
	3	2.2	191.3	50.13	180.8	47.35	170.2	44.60	164.7	43.25	159.4	41.89	148.9	39.22
	5	4.1	181.1	44.29	170.4	41.75	159.7	39.19	154.2	37.93	148.9	36.68	138.1	34.20
	7	6	170.6	38.91	159.8	36.55	148.9	34.22	143.6	33.08	138.0	31.93	127.1	29.66
	9	7.9	159.7	33.96	148.9	31.82	137.7	29.70	132.3	28.64	126.8	27.59	115.6	25.51
	11	9.8	148.5	29.46	137.3	27.53	126.4	25.59	120.7	24.64	115.1	23.69	103.9	21.77
	13	11.8	136.8	25.31	125.6	23.57	114.4	21.82	108.8	20.97	103.1	20.12	91.60	18.38
	15	13.7	124.8	21.64	113.5	20.06	102.1	18.53	96.40	17.75	90.70	16.98	79.10	15.44
50	-30	-30.2	149.1	83.56	147.1	83.17	141.7	80.56	137.3	77.91	132.8	75.27	124.1	70.07
	-24.8	-25	159.4	80.53	150.7	75.81	141.7	71.15	137.3	68.83	132.8	66.54	124.1	62.00

42. ARUM900LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	159.4	74.93	150.7	70.57	141.7	66.25	137.3	64.12	132.8	62.00	124.1	57.81
	-19.8	-20	159.4	71.43	150.7	67.28	141.7	63.18	137.3	61.17	132.8	59.17	124.1	55.17
	-18.8	-19	159.4	69.75	150.7	65.70	141.7	61.72	137.3	59.74	132.8	57.79	124.1	53.91
	-16.7	-17	159.4	66.46	150.7	62.64	141.7	58.86	137.3	57.00	132.8	55.13	124.1	51.45
	-15	-15.9	159.4	64.39	150.7	60.64	141.7	56.98	137.3	55.14	132.8	53.33	124.1	49.77
	-13.7	-15	159.4	62.51	150.7	58.88	141.7	55.33	137.3	53.57	132.8	51.81	124.1	48.35
	-11.8	-13	159.4	59.88	150.7	56.42	141.7	53.02	137.3	51.34	132.8	49.66	124.1	46.37
	-9.8	-11	159.4	57.23	150.7	53.95	141.7	50.72	137.3	49.12	132.8	47.51	124.1	44.37
	-9.5	-10	159.4	56.18	150.7	53.02	141.7	49.88	137.3	48.34	132.8	46.81	124.1	43.76
	-8.5	-9.1	159.4	54.96	150.7	51.88	141.7	48.84	137.3	47.32	132.8	45.82	124.1	42.84
	-7	-7.6	159.4	53.00	150.7	50.04	141.7	47.11	137.3	45.68	132.8	44.24	124.1	41.40
	-5	-5.6	159.4	50.49	150.7	47.71	141.7	44.94	137.3	43.57	132.8	42.22	124.1	39.52
	-3	-3.7	159.4	48.20	150.7	45.58	141.7	42.97	137.3	41.66	132.8	40.37	124.1	37.82
	0	-0.7	159.4	44.86	150.7	42.43	141.7	40.02	137.3	38.84	132.8	37.65	124.1	35.31
	3	2.2	159.4	41.89	150.7	39.65	141.7	37.45	137.3	36.37	132.8	35.26	124.1	33.10
	5	4.1	150.8	37.17	142.1	35.10	133.1	33.06	128.6	32.04	124.1	31.03	115.1	29.03
	7	6	142.1	32.79	133.1	30.90	124.1	29.03	119.6	28.09	115.1	27.18	105.8	25.31
	9	7.9	133.1	28.79	124.1	27.06	114.8	25.35	110.2	24.49	105.7	23.64	96.40	21.96
	11	9.8	123.7	25.14	114.5	23.56	105.3	22.01	100.6	21.24	96.00	20.45	86.60	18.92
	13	11.8	114.0	21.76	104.7	20.36	95.30	18.94	90.70	18.24	85.90	17.55	76.50	16.15
	15	13.7	103.9	18.78	94.50	17.51	85.10	16.25	80.30	15.61	75.50	14.99	65.90	13.73

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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42.5 Capacity Correction Factor

42.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-60	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-50	-	-	-	-	-	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-40	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-20	-	-	97.0	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
30	-	-	-	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
50	-	-	-	-	-	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
60	-	-	-	-	-	-	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
70	-	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
80	-	-	-	-	-	-	-	-	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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42.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

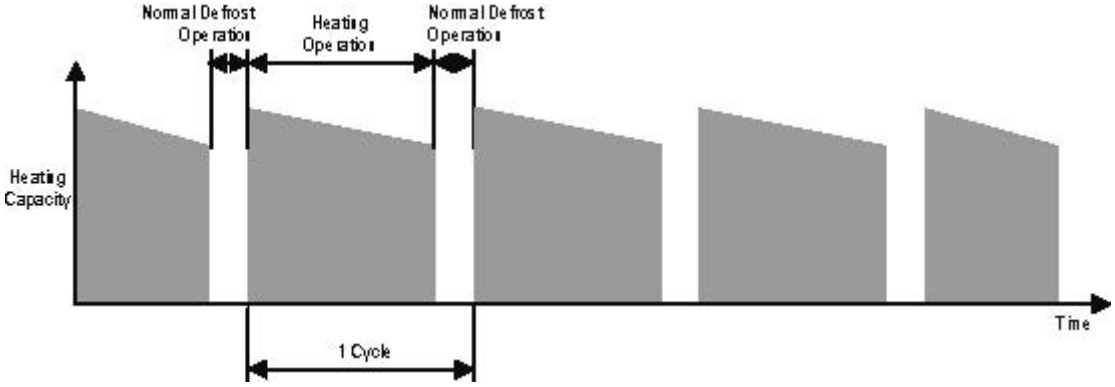
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

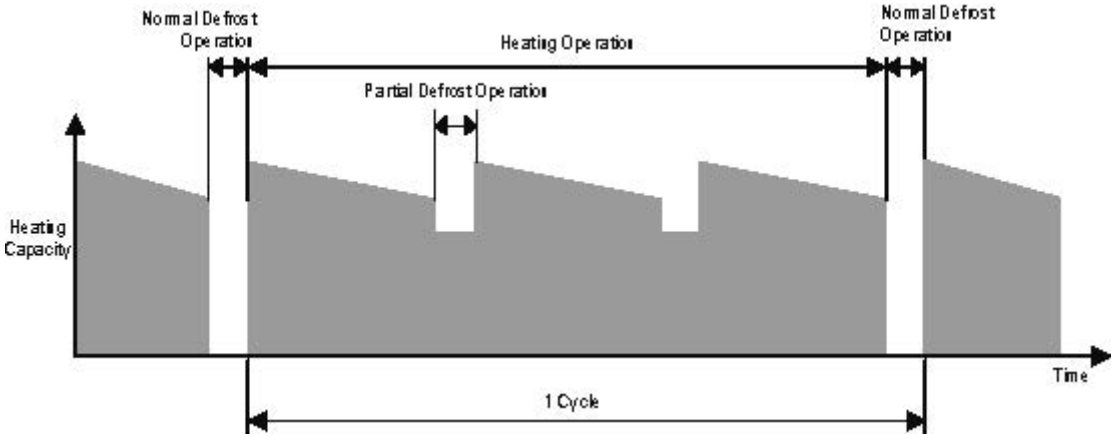
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

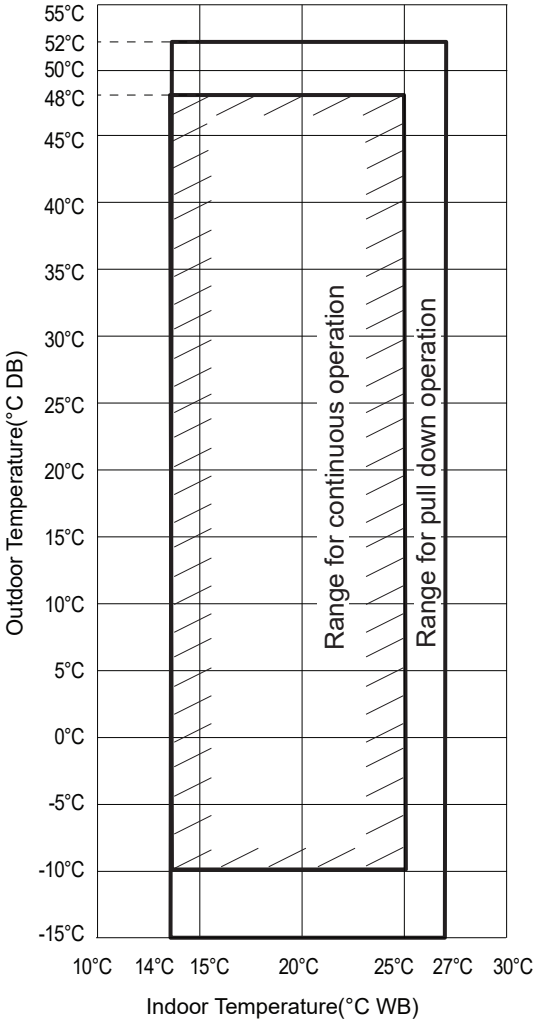


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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42.6 Operation Limits

42.6.1 Cooling

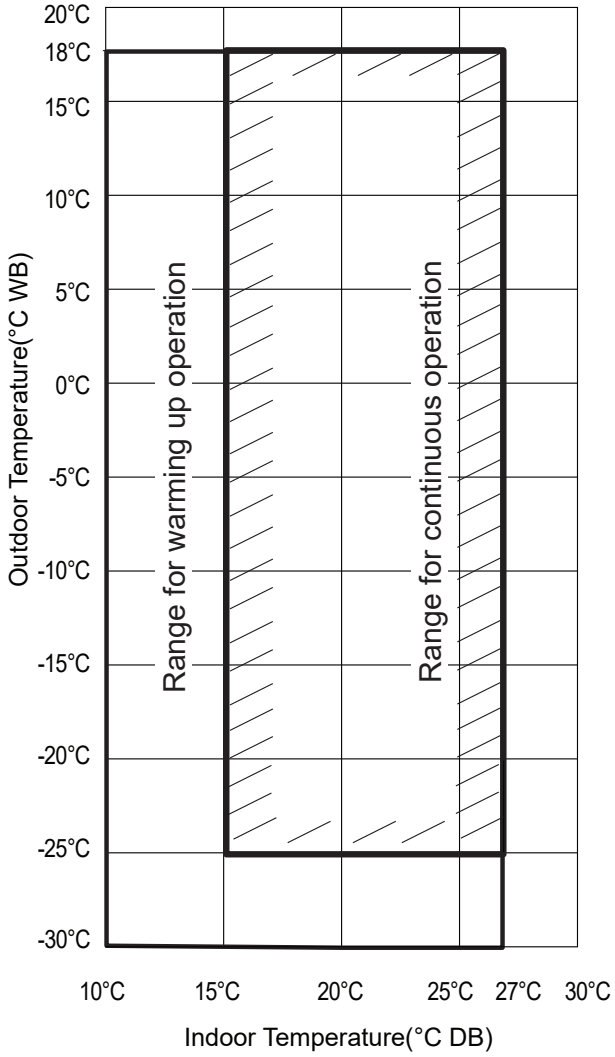


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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42.6.2 Heating

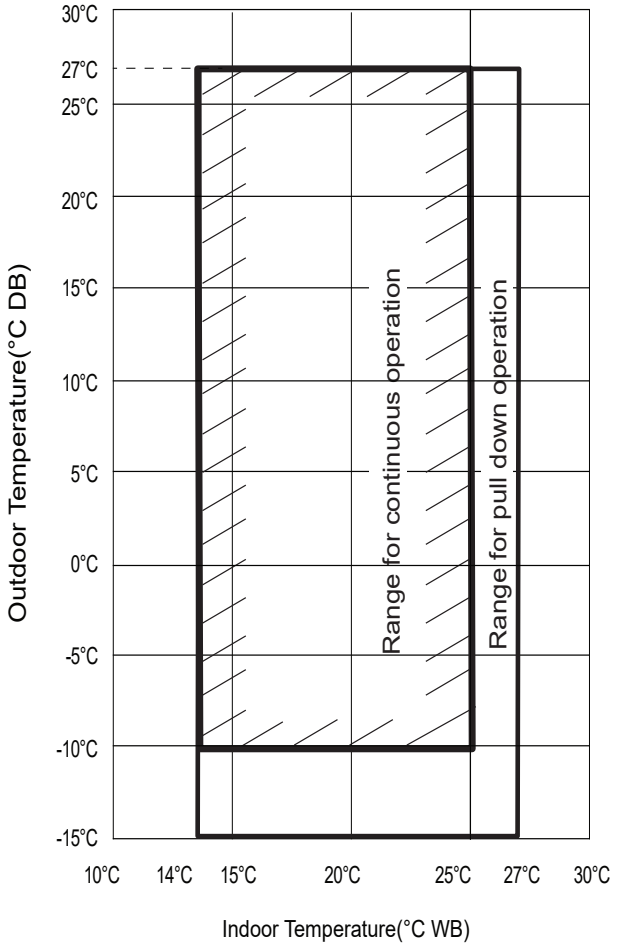


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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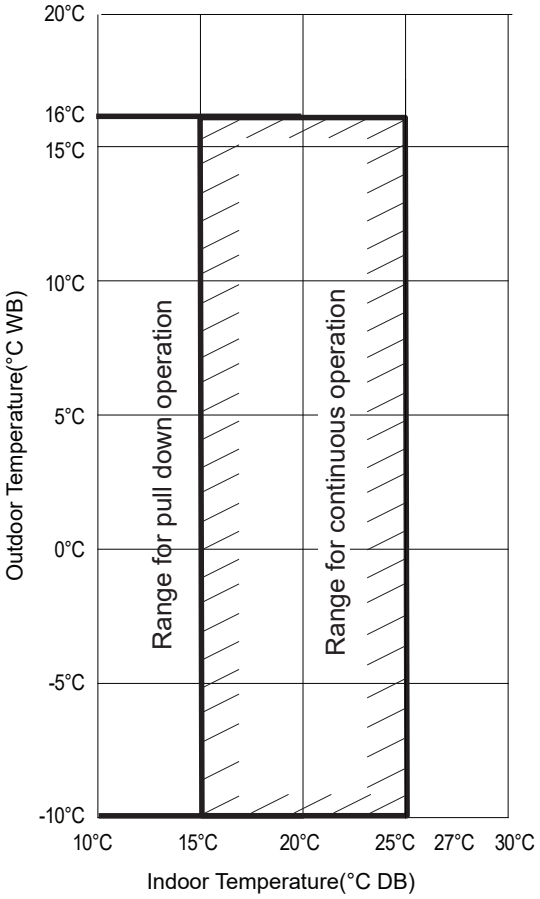
42.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

42.6.4 Simultaneous Operation (Heating)



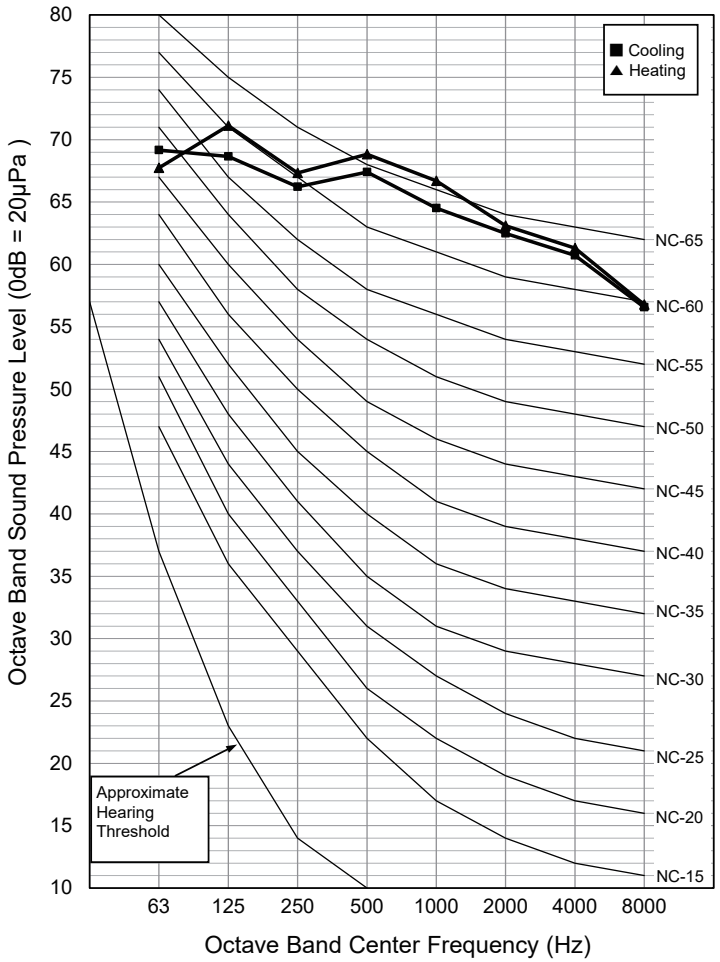
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

42. ARUM900LTE6

42.7 Sound Levels

42.7.1 Pressure Levels



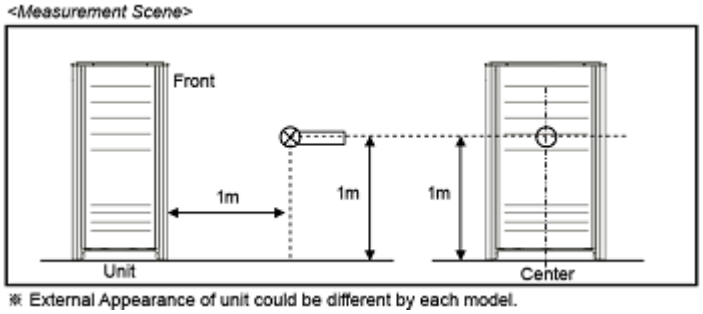
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	69.2	68.7	66.2	67.4	64.5	62.5	60.7	56.6
Heating[dB]	67.7	71.1	67.3	68.8	66.7	63.1	61.3	56.8

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	70.2 / 71.5

Note

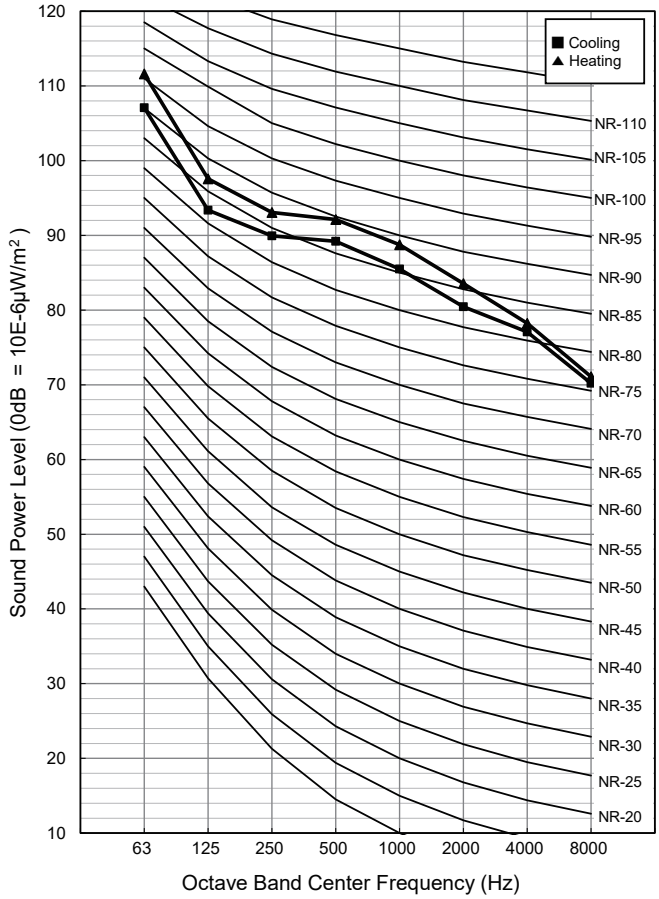
- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

<Measurement Scene>



※ External Appearance of unit could be different by each model.

42.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.1	93.4	89.9	89.2	85.5	80.4	77.1	70.2
Heating[dB]	111.6	97.6	93.1	92.1	88.7	83.5	78.2	71.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.1 / 94.3

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

43. ARUM920LTE6

43.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXC + UXC
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM220LTE6
	Combination Unit (4)	-	ARUM220LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	157.33 - 149.46 - 144.06
	Running Current by Voltage (Heating,Rated)	A	112.95 - 107.31 - 103.43
Cooling Capacity	Rated	kW	257.6
		Btu/h	879,000
Heating Capacity	Rated	kW	257.6
		Btu/h	879,000
	Max	kW	289.8
		Btu/h	988,800
Power Input(Cooling)	Rated	kW	96.30
Power Input(Heating)	Rated	kW	69.14
Efficiency	EER(Rated)	W/W	2.67
	COP(Rated)	W/W	3.73
	SEER	Wh/Wh	7.06
	SCOP	Wh/Wh	4.47
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8
	Motor Output	W x No.	5,300 x 8
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	8
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,640 x 1,745 x 760) x 4
	Shipping(W x H x D)	mm	(1,675 x 1,919 x 802) x 4
Weight	Net	kg	(400 x 1) + (400 x 1) + (400 x 1) + (400 x 1)
	Shipping	kg	(410 x 1) + (410 x 1) + (410 x 1) + (410 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

43. ARUM920LTE6

Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	64.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	133.600
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	70.5 / 72.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.5 / 94.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	203.1
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	228.0
	Comp_Maximum Starting Current (MSC)	A	47.2
	Comp_Rated Load Amperes (Cooling)	A	137.3
	Comp_Rated Load Amperes (Heating)	A	93.0
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	20.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

43. ARUM920LTE6

43.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

43. ARUM920LTE6

43.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

43. ARUM920LTE6

43.4 Capacity Tables

43.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	201.2	23.90	254.0	33.44	310.8	49.08	334.6	57.68	361.6	67.78	384.6	76.28	402.6	83.08
	12	201.2	26.18	254.0	36.94	310.8	54.08	334.6	63.32	361.6	73.74	384.6	82.28	402.6	89.10
	14	201.2	28.70	254.0	40.80	310.8	59.52	334.6	69.32	361.6	80.08	384.6	88.76	402.6	95.66
	16	201.2	31.52	254.0	45.06	310.8	65.48	334.6	75.78	361.6	86.86	384.6	95.76	402.6	102.7
	18	201.2	34.66	254.0	49.70	310.8	72.00	334.6	82.78	361.6	94.16	384.6	103.2	402.6	109.4
	20	201.2	38.10	254.0	54.82	310.8	79.12	334.6	90.40	361.6	100.9	384.6	108.4	402.6	113.9
	21	201.2	39.98	254.0	57.54	310.8	82.94	334.6	93.60	361.6	103.3	384.6	110.8	402.6	116.2
	23	201.2	44.00	254.0	63.40	310.8	88.86	334.6	98.80	361.6	108.3	384.6	115.8	402.6	121.2
	25	201.2	48.40	254.0	68.64	310.8	94.16	334.6	104.2	361.6	113.6	384.6	121.2	402.6	126.6
	27	201.2	52.64	254.0	73.10	310.8	99.66	334.6	109.7	361.6	119.4	384.6	127.2	402.6	132.7
	29	201.2	56.12	254.0	77.86	310.8	105.6	334.6	115.6	361.6	125.7	384.6	133.9	400.8	139.1
	31	201.2	59.82	254.0	82.98	310.8	112.0	334.6	122.0	361.6	132.7	384.6	141.4	398.0	146.0
	33	201.2	63.78	254.0	88.46	310.8	118.7	334.6	129.0	361.6	140.5	382.2	149.0	384.4	149.9
	35	201.2	68.00	254.0	94.36	310.8	125.7	334.6	136.7	358.8	147.9	359.0	148.1	359.4	148.1
	37	201.2	72.50	254.0	100.7	310.8	133.3	333.4	144.6	334.4	145.1	334.2	145.0	334.2	145.1
	39	201.2	77.30	254.0	107.7	309.6	141.0	310.0	141.3	310.0	141.2	309.6	141.1	309.6	141.1
	41	201.2	82.44	254.0	115.3	286.4	136.8	286.2	136.8	286.0	136.7	286.0	136.7	286.0	136.7
	43	201.2	87.98	254.0	123.7	263.2	130.3	263.0	130.3	263.0	130.1	263.0	130.3	263.0	130.2
	46	201.2	97.10	230.8	118.4	230.4	118.2	230.6	118.3	230.2	118.1	230.2	118.1	230.4	118.2
	48	201.2	103.8	210.0	110.5	209.8	110.5	209.8	110.4	209.6	110.3	209.8	110.4	209.6	110.3
	50	190.8	103.5	190.6	103.4	190.4	103.4	190.4	103.2	190.2	103.3	190.0	103.2	190.4	103.4
	52	171.0	93.90	172.0	91.10	172.0	88.38	172.0	87.86	172.0	87.18	172.0	86.70	172.0	86.36
120	10	185.6	21.86	234.6	29.42	286.8	41.74	309.0	48.48	333.8	57.34	355.0	65.24	371.6	71.50
	12	185.6	23.80	234.6	32.46	286.8	46.08	309.0	53.42	333.8	62.94	355.0	71.08	371.6	77.42
	14	185.6	25.98	234.6	35.78	286.8	50.86	309.0	58.82	333.8	68.96	355.0	77.44	371.6	83.80
	16	185.6	28.42	234.6	39.48	286.8	56.06	309.0	64.72	333.8	75.42	355.0	84.30	371.6	90.70
	18	185.6	31.14	234.6	43.54	286.8	61.76	309.0	71.16	333.8	82.38	355.0	91.52	371.6	98.14
	20	185.6	34.16	234.6	48.02	286.8	68.02	309.0	78.22	333.8	89.98	355.0	98.52	371.6	104.2
	21	185.6	35.80	234.6	50.42	286.8	71.34	309.0	82.00	333.8	93.18	355.0	101.0	371.6	106.6
	23	185.6	39.34	234.6	55.56	286.8	77.88	309.0	87.98	333.8	98.44	355.0	106.0	371.6	111.6
	25	185.6	43.22	234.6	60.90	286.8	82.86	309.0	93.38	333.8	103.8	355.0	111.3	371.6	117.0
	27	185.6	47.40	234.6	65.00	286.8	88.20	309.0	98.86	333.8	109.3	355.0	117.1	371.6	122.9
	29	185.6	50.58	234.6	69.28	286.8	93.92	309.0	104.7	333.8	115.3	355.0	123.3	371.6	129.3
	31	185.6	53.92	234.6	73.84	286.8	100.1	309.0	111.1	333.8	121.6	355.0	130.1	371.6	136.5
	33	185.6	57.48	234.6	78.70	286.8	106.7	309.0	117.9	333.8	128.6	355.0	137.6	371.6	144.6
	35	185.6	61.30	234.6	83.92	286.8	113.4	309.0	124.8	333.8	136.3	355.0	146.1	359.4	148.1
	37	185.6	65.36	234.6	89.50	286.8	120.7	309.0	132.4	333.0	144.4	334.4	145.1	334.2	145.1
	39	185.6	69.68	234.6	95.54	286.8	128.6	308.8	140.6	310.0	141.3	309.8	141.2	310.0	141.3
	41	185.6	74.32	234.6	102.1	286.4	136.7	286.4	136.8	286.2	136.8	286.2	136.8	286.0	136.7
	43	185.6	79.26	234.6	109.2	263.4	130.3	263.0	130.2	263.2	130.2	263.0	130.3	263.0	130.2
	46	185.6	87.36	230.6	118.4	230.6	118.2	230.6	118.2	230.6	118.3	230.2	118.2	230.4	118.2
	48	185.6	93.28	210.2	110.5	209.8	110.4	210.0	110.5	209.8	110.3	209.6	110.2	210.0	110.5
	50	185.6	99.66	190.8	103.4	190.4	103.2	190.4	103.3	190.4	103.3	189.8	103.0	190.4	103.3
	52	170.6	94.78	171.8	92.32	172.0	89.50	172.0	88.96	171.8	88.36	172.2	87.98	172.0	87.64
110	10	170.2	20.06	215.0	26.00	263.0	35.50	283.2	40.70	306.0	47.50	325.4	54.16	340.6	59.96
	12	170.2	21.72	215.0	28.56	263.0	39.24	283.2	44.96	306.0	52.36	325.4	59.56	340.6	65.54
	14	170.2	23.58	215.0	31.42	263.0	43.34	283.2	49.62	306.0	57.66	325.4	65.44	340.6	71.60

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	170.2	25.68	215.0	34.58	263.0	47.84	283.2	54.74	306.0	63.48	325.4	71.86	340.6	78.18
	18	170.2	28.02	215.0	38.10	263.0	52.80	283.2	60.30	306.0	69.84	325.4	78.78	340.6	85.34
	20	170.2	30.64	215.0	41.96	263.0	58.18	283.2	66.42	306.0	76.78	325.4	86.14	340.6	92.90
	21	170.2	32.04	215.0	44.04	263.0	61.08	283.2	69.70	306.0	80.50	325.4	89.58	340.6	96.00
	23	170.2	35.12	215.0	48.50	263.0	67.26	283.2	76.20	306.0	86.58	325.4	94.94	340.6	101.0
	25	170.2	38.52	215.0	53.40	263.0	72.32	283.2	81.20	306.0	92.02	325.4	100.3	340.6	106.2
	27	170.2	42.28	215.0	57.54	263.0	77.04	283.2	86.42	306.0	97.56	325.4	106.1	340.6	111.8
	29	170.2	45.44	215.0	61.34	263.0	82.06	283.2	92.02	306.0	103.4	325.4	112.0	340.6	117.8
	31	170.2	48.42	215.0	65.38	263.0	87.42	283.2	98.06	306.0	109.6	325.4	118.2	340.6	124.3
	33	170.2	51.60	215.0	69.70	263.0	93.22	283.2	104.6	306.0	116.4	325.4	125.0	340.6	131.5
	35	170.2	55.02	215.0	74.32	263.0	99.44	283.2	111.5	306.0	123.5	325.4	132.4	340.6	139.4
	37	170.2	58.66	215.0	79.22	263.0	106.2	283.2	118.6	306.0	130.9	325.4	140.6	334.6	145.2
	39	170.2	62.56	215.0	84.50	263.0	113.7	283.2	126.4	306.0	139.1	310.0	141.1	310.0	141.2
	41	170.2	66.72	215.0	90.18	263.0	121.9	283.2	135.0	286.4	136.8	286.0	136.7	286.2	136.7
	43	170.2	71.14	215.0	96.30	263.0	130.1	263.4	130.3	263.0	130.2	263.4	130.4	263.2	130.4
	46	170.2	78.38	215.0	106.5	230.6	118.2	230.4	118.2	230.4	118.2	230.4	118.2	230.2	118.1
	48	170.2	83.62	210.2	110.6	210.0	110.5	210.0	110.5	210.0	110.4	209.8	110.4	209.6	110.3
	50	170.2	89.26	190.8	103.5	190.6	103.3	190.4	103.3	190.4	103.2	190.4	103.3	190.4	103.4
	52	170.2	95.32	171.2	93.52	172.4	90.94	172.0	90.32	172.2	89.80	172.2	89.26	172.0	88.54
100	10	154.8	18.56	195.4	23.10	239.2	30.32	257.6	34.24	278.2	39.32	295.8	44.32	309.6	48.68
	12	154.8	19.94	195.4	25.26	239.2	33.44	257.6	37.82	278.2	43.46	295.8	48.92	309.6	53.62
	14	154.8	21.50	195.4	27.66	239.2	36.90	257.6	41.78	278.2	47.98	295.8	53.94	309.6	59.06
	16	154.8	23.26	195.4	30.32	239.2	40.74	257.6	46.12	278.2	52.94	295.8	59.42	309.6	64.98
	18	154.8	25.24	195.4	33.30	239.2	44.94	257.6	50.88	278.2	58.36	295.8	65.44	309.6	71.44
	20	154.8	27.46	195.4	36.60	239.2	49.54	257.6	56.10	278.2	64.28	295.8	72.00	309.6	78.54
	21	154.8	28.66	195.4	38.36	239.2	52.04	257.6	58.90	278.2	67.46	295.8	75.52	309.6	82.34
	23	154.8	31.30	195.4	42.20	239.2	57.34	257.6	64.86	278.2	73.94	295.8	81.88	309.6	88.30
	25	154.8	34.24	195.4	46.42	239.2	62.74	257.6	70.04	278.2	78.92	295.8	87.06	309.6	93.64
	27	154.8	37.50	195.4	50.66	239.2	66.86	257.6	74.60	278.2	84.00	295.8	92.62	309.6	99.14
	29	154.8	40.66	195.4	54.00	239.2	71.24	257.6	79.46	278.2	89.46	295.8	98.62	309.6	105.0
	31	154.8	43.28	195.4	57.56	239.2	75.94	257.6	84.68	278.2	95.32	295.8	104.7	309.6	111.4
	33	154.8	46.10	195.4	61.38	239.2	80.94	257.6	90.26	278.2	101.7	295.8	111.2	309.6	118.2
	35	154.8	49.14	195.4	65.44	239.2	86.30	257.6	96.30	278.2	108.6	295.8	118.2	309.6	125.1
	37	154.8	52.42	195.4	69.78	239.2	92.08	257.6	102.8	278.2	115.8	295.8	125.8	309.6	132.7
	39	154.8	55.88	195.4	74.40	239.2	98.30	257.6	109.9	278.2	123.3	295.8	133.7	309.0	140.8
	41	154.8	59.60	195.4	79.36	239.2	105.1	257.6	117.8	278.2	131.6	286.4	136.8	286.2	136.7
	43	154.8	63.56	195.4	84.64	239.2	112.5	257.6	126.4	263.4	130.3	263.0	130.2	263.0	130.2
	46	154.8	70.04	195.4	93.36	230.6	118.3	230.6	118.2	230.2	118.1	230.2	118.1	230.4	118.2
	48	154.8	74.70	195.4	99.76	210.2	110.5	210.0	110.4	209.8	110.3	209.8	110.3	209.8	110.3
	50	154.8	79.68	191.0	103.5	190.6	103.4	190.4	103.3	190.6	103.4	190.6	103.4	190.4	103.4
	52	154.8	85.02	171.2	94.28	171.8	92.32	172.0	91.48	172.2	90.64	172.0	89.76	172.2	89.26
90	10	139.2	17.28	176.0	20.68	215.2	26.04	231.8	28.92	250.4	32.64	266.4	36.28	278.6	39.46
	12	139.2	18.42	176.0	22.44	215.2	28.62	231.8	31.86	250.4	36.06	266.4	40.10	278.6	43.58
	14	139.2	19.68	176.0	24.42	215.2	31.46	231.8	35.14	250.4	39.82	266.4	44.30	278.6	48.14
	16	139.2	21.14	176.0	26.64	215.2	34.66	231.8	38.76	250.4	43.96	266.4	48.90	278.6	53.10
	18	139.2	22.78	176.0	29.12	215.2	38.16	231.8	42.76	250.4	48.50	266.4	53.94	278.6	58.54
	20	139.2	24.64	176.0	31.88	215.2	42.04	231.8	47.12	250.4	53.48	266.4	59.46	278.6	64.48
	21	139.2	25.66	176.0	33.36	215.2	44.12	231.8	49.48	250.4	56.14	266.4	62.40	278.6	67.68
	23	139.2	27.88	176.0	36.60	215.2	48.58	231.8	54.52	250.4	61.86	266.4	68.72	278.6	74.16
	25	139.2	30.38	176.0	40.18	215.2	53.50	231.8	59.84	250.4	67.16	266.4	73.72	278.6	79.14
	27	139.2	33.16	176.0	44.12	215.2	57.64	231.8	63.92	250.4	71.54	266.4	78.48	278.6	84.22

43. ARUM920LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	139.2	36.18	176.0	47.28	215.2	61.42	231.8	68.12	250.4	76.22	266.4	83.60	278.6	89.70
	31	139.2	38.50	176.0	50.38	215.2	65.48	231.8	72.62	250.4	81.22	266.4	89.08	278.6	95.58
	33	139.2	41.00	176.0	53.70	215.2	69.80	231.8	77.40	250.4	86.58	266.4	94.96	278.6	101.9
	35	139.2	43.66	176.0	57.26	215.2	74.42	231.8	82.52	250.4	92.34	266.4	101.3	278.6	108.9
	37	139.2	46.54	176.0	61.04	215.2	79.36	231.8	88.02	250.4	98.56	266.4	108.3	278.6	116.0
	39	139.2	49.64	176.0	65.08	215.2	84.64	231.8	93.94	250.4	105.3	266.4	115.9	278.6	123.6
	41	139.2	52.94	176.0	69.42	215.2	90.34	231.8	100.3	250.4	112.7	266.4	123.9	278.6	131.9
	43	139.2	56.48	176.0	74.02	215.2	96.46	231.8	107.3	250.4	120.8	263.4	130.4	263.4	130.4
	46	139.2	62.24	176.0	81.56	215.2	106.7	230.6	118.3	230.6	118.3	230.6	118.2	230.6	118.3
	48	139.2	66.40	176.0	87.04	210.4	110.7	210.2	110.6	210.2	110.5	209.8	110.5	210.0	110.5
	50	139.2	70.84	176.0	92.92	190.8	103.5	190.8	103.4	190.4	103.3	190.4	103.3	190.6	103.4
	52	139.2	75.58	170.6	95.18	171.4	93.18	171.8	92.38	172.4	91.48	172.4	90.68	172.2	90.00
80	10	123.8	14.96	156.4	18.70	191.2	22.56	206.0	24.60	222.6	27.26	236.6	29.84	247.6	32.08
	12	123.8	17.10	156.4	20.10	191.2	24.62	206.0	26.98	222.6	30.00	236.6	32.92	247.6	35.42
	14	123.8	18.12	156.4	21.70	191.2	26.92	206.0	29.62	222.6	33.04	236.6	36.32	247.6	39.10
	16	123.8	19.28	156.4	23.48	191.2	29.50	206.0	32.56	222.6	36.42	236.6	40.06	247.6	43.18
	18	123.8	20.62	156.4	25.50	191.2	32.38	206.0	35.82	222.6	40.14	236.6	44.20	247.6	47.64
	20	123.8	22.16	156.4	27.78	191.2	35.56	206.0	39.42	222.6	44.22	236.6	48.76	247.6	52.54
	21	123.8	23.00	156.4	28.98	191.2	37.26	206.0	41.36	222.6	46.44	236.6	51.18	247.6	55.14
	23	123.8	24.84	156.4	31.66	191.2	40.96	206.0	45.54	222.6	51.16	236.6	56.38	247.6	60.78
	25	123.8	26.92	156.4	34.64	191.2	45.04	206.0	50.12	222.6	56.34	236.6	61.78	247.6	66.10
	27	123.8	29.24	156.4	37.94	191.2	49.30	206.0	54.32	222.6	60.36	236.6	65.88	247.6	70.42
	29	123.8	31.86	156.4	41.12	191.2	52.52	206.0	57.90	222.6	64.36	236.6	70.22	247.6	75.04
	31	123.8	34.12	156.4	43.78	191.2	56.00	206.0	61.74	222.6	68.60	236.6	74.84	247.6	79.94
	33	123.8	36.24	156.4	46.64	191.2	59.70	206.0	65.80	222.6	73.12	236.6	79.76	247.6	85.22
	35	123.8	38.58	156.4	49.72	191.2	63.66	206.0	70.16	222.6	77.98	236.6	85.04	247.6	90.90
	37	123.8	41.08	156.4	53.00	191.2	67.88	206.0	74.80	222.6	83.14	236.6	90.72	247.6	97.00
	39	123.8	43.80	156.4	56.54	191.2	72.38	206.0	79.78	222.6	88.70	236.6	96.84	247.6	103.6
	41	123.8	46.72	156.4	60.30	191.2	77.18	206.0	85.10	222.6	94.68	236.6	103.5	247.6	110.8
	43	123.8	49.86	156.4	64.32	191.2	82.32	206.0	90.82	222.6	101.2	236.6	110.7	247.6	118.8
	46	123.8	54.98	156.4	70.84	191.2	90.76	206.0	100.3	222.6	112.0	230.6	118.3	230.6	118.4
	48	123.8	58.70	156.4	75.56	191.2	96.96	206.0	107.3	210.2	110.5	210.2	110.6	210.2	110.6
	50	123.8	62.64	156.4	80.62	190.2	103.0	190.8	103.5	190.6	103.4	190.4	103.3	190.4	103.3
	52	123.8	66.84	156.4	86.02	171.0	94.20	171.4	93.36	171.8	92.42	172.2	91.70	172.2	91.06
70	10	108.4	12.50	136.8	16.96	167.4	19.78	180.2	21.18	194.8	23.02	207.0	24.78	216.6	26.28
	12	108.4	15.98	136.8	18.18	167.4	21.38	180.2	23.04	194.8	25.14	207.0	27.16	216.6	28.90
	14	108.4	16.78	136.8	19.40	167.4	23.18	180.2	25.10	194.8	27.52	207.0	29.82	216.6	31.80
	16	108.4	17.70	136.8	20.82	167.4	25.22	180.2	27.42	194.8	30.18	207.0	32.80	216.6	35.02
	18	108.4	18.76	136.8	22.42	167.4	27.48	180.2	30.00	194.8	33.14	207.0	36.10	216.6	38.56
	20	108.4	19.96	136.8	24.22	167.4	30.00	180.2	32.88	194.8	36.42	207.0	39.72	216.6	42.50
	21	108.4	20.64	136.8	25.20	167.4	31.40	180.2	34.44	194.8	38.18	207.0	41.68	216.6	44.60
	23	108.4	22.14	136.8	27.36	167.4	34.36	180.2	37.78	194.8	42.00	207.0	45.88	216.6	49.12
	25	108.4	23.84	136.8	29.78	167.4	37.70	180.2	41.52	194.8	46.20	207.0	50.50	216.6	54.08
	27	108.4	25.76	136.8	32.50	167.4	41.34	180.2	45.58	194.8	50.44	207.0	54.70	216.6	58.20
	29	108.4	27.94	136.8	35.46	167.4	44.52	180.2	48.74	194.8	53.76	207.0	58.32	216.6	62.04
	31	108.4	30.06	136.8	37.78	167.4	47.44	180.2	51.92	194.8	57.30	207.0	62.18	216.6	66.14
	33	108.4	31.88	136.8	40.20	167.4	50.56	180.2	55.36	194.8	61.12	207.0	66.28	216.6	70.50
	35	108.4	33.86	136.8	42.82	167.4	53.90	180.2	59.04	194.8	65.16	207.0	70.66	216.6	75.16
	37	108.4	36.04	136.8	45.64	167.4	57.46	180.2	62.94	194.8	69.46	207.0	75.34	216.6	80.14
	39	108.4	38.40	136.8	48.68	167.4	61.28	180.2	67.12	194.8	74.08	207.0	80.34	216.6	85.48
	41	108.4	40.96	136.8	51.92	167.4	65.36	180.2	71.58	194.8	79.00	207.0	85.70	216.6	91.24

43. ARUM920LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	108.4	43.70	136.8	55.38	167.4	69.70	180.2	76.32	194.8	84.28	207.0	91.48	216.6	97.44
	46	108.4	48.22	136.8	61.04	167.4	76.78	180.2	84.12	194.8	92.94	207.0	101.0	216.6	107.8
	48	108.4	51.50	136.8	65.12	167.4	81.90	180.2	89.78	194.8	99.30	207.0	108.1	210.2	110.6
	50	108.4	55.00	136.8	69.48	167.4	87.42	180.2	95.88	191.0	103.5	190.8	103.4	190.8	103.4
	52	108.4	58.72	136.8	74.12	167.4	93.34	170.8	94.82	171.2	93.84	171.6	92.94	171.8	92.38
60	10	92.80	10.14	117.2	13.84	143.4	17.62	154.4	18.54	166.8	19.74	177.4	20.86	185.8	21.86
	12	92.80	14.62	117.2	16.60	143.4	18.78	154.4	19.92	166.8	21.32	177.4	22.66	185.8	23.80
	14	92.80	15.26	117.2	17.52	143.4	20.16	154.4	21.46	166.8	23.12	177.4	24.68	185.8	26.00
	16	92.80	16.00	117.2	18.58	143.4	21.68	154.4	23.22	166.8	25.12	177.4	26.94	185.8	28.44
	18	92.80	16.88	117.2	19.80	143.4	23.42	154.4	25.20	166.8	27.38	177.4	29.44	185.8	31.16
	20	92.80	17.86	117.2	21.18	143.4	25.36	154.4	27.42	166.8	29.92	177.4	32.26	185.8	34.20
	21	92.80	18.40	117.2	21.96	143.4	26.44	154.4	28.62	166.8	31.28	177.4	33.76	185.8	35.84
	23	92.80	19.62	117.2	23.64	143.4	28.78	154.4	31.24	166.8	34.26	177.4	37.06	185.8	39.36
	25	92.80	21.00	117.2	25.56	143.4	31.38	154.4	34.16	166.8	37.56	177.4	40.66	185.8	43.26
	27	92.80	22.58	117.2	27.72	143.4	34.28	154.4	37.42	166.8	41.20	177.4	44.66	185.8	47.40
	29	92.80	24.34	117.2	30.16	143.4	37.38	154.4	40.58	166.8	44.38	177.4	47.82	185.8	50.62
	31	92.80	26.32	117.2	32.34	143.4	39.76	154.4	43.20	166.8	47.28	177.4	50.96	185.8	53.96
	33	92.80	27.86	117.2	34.34	143.4	42.34	154.4	46.02	166.8	50.40	177.4	54.32	185.8	57.52
	35	92.80	29.52	117.2	36.54	143.4	45.10	154.4	49.04	166.8	53.72	177.4	57.92	185.8	61.32
	37	92.80	31.38	117.2	38.90	143.4	48.08	154.4	52.30	166.8	57.28	177.4	61.76	185.8	65.38
	39	92.80	33.38	117.2	41.46	143.4	51.28	154.4	55.78	166.8	61.10	177.4	65.84	185.8	69.72
	41	92.80	35.58	117.2	44.22	143.4	54.70	154.4	59.50	166.8	65.16	177.4	70.22	185.8	74.34
	43	92.80	37.96	117.2	47.18	143.4	58.36	154.4	63.44	166.8	69.48	177.4	74.90	185.8	79.30
	46	92.80	41.90	117.2	52.06	143.4	64.30	154.4	69.88	166.8	76.52	177.4	82.50	185.8	87.40
	48	92.80	44.80	117.2	55.58	143.4	68.58	154.4	74.54	166.8	81.64	177.4	88.06	185.8	93.32
	50	92.80	47.86	117.2	59.32	143.4	73.18	154.4	79.52	166.8	87.12	177.4	94.04	185.8	99.74
	52	92.80	51.18	117.2	63.32	143.4	78.06	154.4	84.86	166.8	93.02	170.8	94.90	171.0	94.18
50	10	77.40	7.94	97.80	10.92	119.6	14.22	128.8	15.88	139.2	17.26	148.0	17.96	154.8	18.58
	12	77.40	11.78	97.80	15.10	119.6	16.78	128.8	17.48	139.2	18.38	148.0	19.24	154.8	19.94
	14	77.40	13.58	97.80	15.80	119.6	17.72	128.8	18.58	139.2	19.66	148.0	20.66	154.8	21.50
	16	77.40	14.18	97.80	16.58	119.6	18.82	128.8	19.86	139.2	21.10	148.0	22.28	154.8	23.26
	18	77.40	14.88	97.80	17.52	119.6	20.08	128.8	21.28	139.2	22.76	148.0	24.12	154.8	25.26
	20	77.40	15.66	97.80	18.56	119.6	21.52	128.8	22.92	139.2	24.62	148.0	26.16	154.8	27.48
	21	77.40	16.10	97.80	19.12	119.6	22.32	128.8	23.80	139.2	25.64	148.0	27.30	154.8	28.70
	23	77.40	17.06	97.80	20.42	119.6	24.06	128.8	25.78	139.2	27.84	148.0	29.74	154.8	31.32
	25	77.40	18.18	97.80	21.88	119.6	26.02	128.8	27.98	139.2	30.34	148.0	32.46	154.8	34.24
	27	77.40	19.42	97.80	23.56	119.6	28.26	128.8	30.44	139.2	33.12	148.0	35.52	154.8	37.50
	29	77.40	20.86	97.80	25.46	119.6	30.74	128.8	33.24	139.2	36.14	148.0	38.66	154.8	40.66
	31	77.40	22.46	97.80	27.50	119.6	32.96	128.8	35.48	139.2	38.46	148.0	41.14	154.8	43.30
	33	77.40	23.86	97.80	29.10	119.6	35.00	128.8	37.74	139.2	40.92	148.0	43.80	154.8	46.14
	35	77.40	25.24	97.80	30.86	119.6	37.24	128.8	40.16	139.2	43.60	148.0	46.66	154.8	49.18
	37	77.40	26.76	97.80	32.80	119.6	39.66	128.8	42.80	139.2	46.48	148.0	49.76	154.8	52.42
	39	77.40	28.42	97.80	34.92	119.6	42.30	128.8	45.64	139.2	49.56	148.0	53.06	154.8	55.92
	41	77.40	30.28	97.80	37.22	119.6	45.10	128.8	48.66	139.2	52.88	148.0	56.60	154.8	59.64
	43	77.40	32.34	97.80	39.72	119.6	48.12	128.8	51.92	139.2	56.42	148.0	60.38	154.8	63.60
	46	77.40	35.82	97.80	43.82	119.6	53.08	128.8	57.26	139.2	62.14	148.0	66.52	154.8	70.04
	48	77.40	38.36	97.80	46.82	119.6	56.64	128.8	61.08	139.2	66.32	148.0	70.96	154.8	74.72
	50	77.40	41.14	97.80	50.04	119.6	60.48	128.8	65.20	139.2	70.74	148.0	75.70	154.8	79.72
	52	77.40	44.12	97.80	53.48	119.6	64.56	128.8	69.56	139.2	75.46	148.0	80.76	154.8	85.06

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Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

43. ARUM920LTE6

43.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	54.80	4.52	87.80	7.22	124.6	10.28	133.4	11.02	142.2	11.80	151.4	12.66	161.0	13.70
	12	54.80	4.52	87.80	7.24	124.6	10.34	133.4	11.10	142.2	11.88	151.4	12.76	161.0	13.84
	14	54.80	4.56	87.80	7.28	124.6	10.46	133.4	11.24	142.2	12.06	151.4	12.94	161.0	14.10
	16	54.80	4.56	87.80	7.36	124.6	10.64	133.4	11.48	142.2	12.36	151.4	13.34	161.0	14.64
	18	54.80	4.60	87.80	7.50	124.6	11.08	133.4	12.02	142.2	13.02	151.4	14.14	161.0	15.82
	20	54.80	4.74	87.80	7.86	124.6	12.22	133.4	13.42	142.2	14.78	151.4	16.30	161.0	19.08
	21	62.00	5.76	94.80	9.68	131.2	16.30	139.8	17.74	148.4	18.80	157.2	19.86	166.2	21.54
	23	76.60	12.98	108.8	16.22	145.0	20.82	153.0	22.00	161.4	23.30	169.0	24.50	177.0	26.46
	25	91.60	16.18	123.2	20.20	159.0	26.16	166.8	27.62	174.8	29.20	181.0	30.50	188.0	32.78
	27	106.6	20.52	138.0	25.58	173.4	33.20	180.6	34.98	188.2	36.84	193.2	38.08	210.2	43.46
	29	122.4	26.38	153.0	32.50	188.2	41.18	195.0	43.04	202.4	45.06	214.6	48.66	248.8	61.24
	31	138.4	33.34	168.4	40.26	203.2	50.66	209.6	52.74	227.8	58.94	253.8	68.66	287.0	85.04
	33	155.0	41.84	184.2	49.98	218.6	62.34	240.8	71.14	268.0	83.14	292.8	95.40	325.4	115.6
	35	172.0	52.60	200.4	62.06	256.4	87.18	280.6	100.0	307.8	115.4	332.0	127.7	363.8	145.1
	37	172.0	56.12	200.4	66.20	256.4	93.06	280.6	106.9	307.8	122.9	332.0	135.6	342.6	143.7
	39	172.0	59.90	200.4	70.64	256.4	99.40	280.6	114.4	307.8	131.1	321.0	138.4	317.2	139.3
	41	172.0	63.92	200.4	75.36	256.4	106.3	280.6	122.7	296.2	132.7	296.2	132.7	292.8	134.1
	43	172.0	68.20	200.4	80.42	256.4	113.8	272.6	125.5	272.4	125.4	272.2	125.3	269.2	127.3
	46	172.0	75.16	200.4	88.66	238.8	113.3	238.8	113.3	238.8	113.4	238.4	113.1	235.8	114.8
	48	172.0	80.20	200.4	94.68	217.6	105.9	217.4	105.9	217.4	106.0	217.2	105.9	214.6	107.2
	50	172.0	85.58	197.8	99.42	197.4	99.30	197.4	99.32	197.2	99.24	197.4	99.32	194.6	100.3
	52	171.8	91.36	175.4	88.34	176.8	85.94	177.2	85.40	177.2	84.84	177.8	84.42	175.8	84.96
120	10	50.60	4.18	81.20	6.66	115.0	9.46	123.0	10.16	131.2	10.84	139.6	11.58	148.4	12.52
	12	50.60	4.18	81.20	6.68	115.0	9.52	123.0	10.20	131.2	10.90	139.6	11.68	148.4	12.62
	14	50.60	4.20	81.20	6.70	115.0	9.60	123.0	10.32	131.2	11.04	139.6	11.82	148.4	12.84
	16	50.60	4.22	81.20	6.76	115.0	9.76	123.0	10.52	131.2	11.26	139.6	12.10	148.4	13.24
	18	50.60	4.26	81.20	6.88	115.0	10.10	123.0	10.92	131.2	11.78	139.6	12.74	148.4	14.16
	20	50.60	4.34	81.20	7.16	115.0	10.96	123.0	12.02	131.2	13.12	139.6	14.38	148.4	16.70
	21	57.20	5.22	87.40	8.64	121.2	14.20	129.2	15.86	137.2	17.24	145.0	18.36	153.4	19.84
	23	70.60	12.38	100.4	15.28	133.8	19.28	141.4	20.30	149.0	21.42	156.0	22.44	163.4	24.16
	25	84.40	15.28	113.8	18.84	146.8	23.98	153.8	25.24	161.4	26.58	167.0	27.68	173.6	29.68
	27	98.60	19.18	127.2	23.60	160.0	30.16	166.8	31.66	173.8	33.32	178.4	34.42	194.0	39.24
	29	113.0	24.44	141.0	29.88	173.6	37.46	179.8	39.06	186.6	40.80	198.2	43.90	229.6	54.72
	31	127.8	30.76	155.4	36.80	187.4	45.80	193.6	47.62	210.2	52.96	234.2	61.28	265.0	75.26
	33	143.0	38.32	170.2	45.40	202.0	56.10	222.2	63.70	247.2	73.94	270.4	84.32	300.2	102.4
	35	158.8	47.86	185.2	56.06	236.8	77.68	259.2	88.56	284.0	101.9	306.4	114.7	335.8	132.0
	37	158.8	51.08	185.2	59.82	236.8	82.88	259.2	94.52	284.0	108.9	306.4	122.1	335.8	140.2
	39	158.8	54.50	185.2	63.84	236.8	88.46	259.2	101.0	284.0	116.6	306.4	130.2	317.4	139.3
	41	158.8	58.16	185.2	68.12	236.8	94.44	259.2	108.0	284.0	125.0	296.4	132.7	293.0	134.1
	43	158.8	62.08	185.2	72.66	236.8	100.9	259.2	115.7	272.6	125.5	272.2	125.3	269.0	127.1
	46	158.8	68.44	185.2	80.10	236.8	111.7	239.0	113.4	238.8	113.3	238.6	113.2	235.8	114.8
	48	158.8	73.02	185.2	85.46	217.6	105.9	217.6	105.9	217.6	106.0	217.6	106.0	214.6	107.2
	50	158.8	77.90	185.2	91.22	197.4	99.30	197.6	99.44	198.0	99.74	197.6	99.36	194.8	100.5
	52	158.8	83.14	175.0	89.46	176.2	86.92	176.6	86.46	176.8	85.94	176.8	85.52	176.0	86.40
110	10	46.40	3.82	74.40	6.10	105.4	8.68	112.8	9.28	120.4	9.90	128.0	10.58	136.2	11.38
	12	46.40	3.82	74.40	6.10	105.4	8.70	112.8	9.34	120.4	9.98	128.0	10.64	136.2	11.46
	14	46.40	3.84	74.40	6.14	105.4	8.78	112.8	9.42	120.4	10.08	128.0	10.76	136.2	11.62
	16	46.40	3.86	74.40	6.18	105.4	8.88	112.8	9.56	120.4	10.26	128.0	10.98	136.2	11.92
	18	46.40	3.88	74.40	6.28	105.4	9.14	112.8	9.88	120.4	10.62	128.0	11.44	136.2	12.60

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	46.40	3.96	74.40	6.50	105.4	9.82	112.8	10.70	120.4	11.66	128.0	12.68	136.2	14.52
	21	52.40	4.72	80.20	7.68	111.2	12.30	118.4	13.64	125.6	15.12	133.0	16.58	140.6	18.24
	23	64.80	11.82	92.00	14.38	122.6	17.86	129.6	18.72	136.6	19.64	143.0	20.52	149.8	22.00
	25	77.40	14.38	104.2	17.56	134.6	21.94	141.0	23.02	148.0	24.16	153.0	25.10	159.0	26.78
	27	90.40	17.88	116.6	21.74	146.8	27.34	153.0	28.62	159.4	30.00	163.6	30.94	177.8	35.14
	29	103.6	22.56	129.2	27.28	159.2	33.96	164.8	35.32	171.0	36.82	181.6	39.46	210.4	48.70
	31	117.2	28.32	142.6	33.54	171.8	41.28	177.4	42.80	192.8	47.36	214.8	54.46	243.0	66.32
	33	131.2	35.00	156.0	41.08	185.0	50.28	203.6	56.74	226.6	65.44	248.0	74.18	275.2	89.28
	35	145.6	43.40	169.8	50.44	217.0	68.90	237.6	78.06	260.4	89.20	281.0	100.1	307.8	118.3
	37	145.6	46.30	169.8	53.82	217.0	73.50	237.6	83.30	260.4	95.24	281.0	106.9	307.8	126.0
	39	145.6	49.42	169.8	57.44	217.0	78.42	237.6	88.90	260.4	101.7	281.0	114.5	307.8	134.2
	41	145.6	52.74	169.8	61.30	217.0	83.68	237.6	94.94	260.4	108.8	281.0	122.7	293.2	134.2
	43	145.6	56.30	169.8	65.42	217.0	89.34	237.6	101.4	260.4	116.6	272.6	125.6	269.6	127.4
	46	145.6	62.08	169.8	72.08	217.0	98.62	237.6	112.3	239.0	113.4	238.6	113.2	235.6	114.7
	48	145.6	66.26	169.8	76.92	216.8	105.3	217.6	106.0	217.6	106.0	217.4	105.9	214.8	107.2
	50	145.6	70.70	169.8	82.06	197.6	99.36	197.4	99.26	197.6	99.50	197.4	99.34	195.0	100.5
	52	145.6	75.44	169.8	87.58	175.8	88.20	175.8	87.68	176.2	87.14	176.4	86.50	175.6	86.96
100	10	42.20	3.48	67.60	5.54	95.80	7.86	102.4	8.44	109.2	9.00	116.4	9.60	123.8	10.30
	12	42.20	3.48	67.60	5.54	95.80	7.90	102.4	8.48	109.2	9.04	116.4	9.64	123.8	10.38
	14	42.20	3.48	67.60	5.58	95.80	7.96	102.4	8.52	109.2	9.12	116.4	9.72	123.8	10.50
	16	42.20	3.50	67.60	5.60	95.80	8.04	102.4	8.64	109.2	9.26	116.4	9.90	123.8	10.72
	18	42.20	3.52	67.60	5.68	95.80	8.24	102.4	8.88	109.2	9.54	116.4	10.24	123.8	11.22
	20	42.20	3.58	67.60	5.84	95.80	8.72	102.4	9.48	109.2	10.28	116.4	11.14	123.8	12.60
	21	47.60	4.22	72.80	6.80	100.8	10.62	107.6	11.70	114.2	12.88	120.8	14.16	128.0	16.66
	23	59.00	11.24	83.60	13.50	111.6	16.54	117.8	17.28	124.2	18.06	130.0	18.78	136.2	20.02
	25	70.40	13.54	94.80	16.30	122.2	20.08	128.4	20.96	134.4	21.94	139.2	22.70	144.6	24.16
	27	82.00	16.62	106.2	20.00	133.4	24.72	139.0	25.80	144.8	26.96	148.8	27.74	161.8	31.26
	29	94.20	20.76	117.6	24.84	144.6	30.66	150.0	31.84	155.6	33.12	165.2	35.36	191.2	43.14
	31	106.6	26.00	129.6	30.44	156.4	37.04	161.4	38.34	175.2	42.18	195.2	48.16	220.8	58.08
	33	119.2	31.86	141.8	37.04	168.2	44.82	185.2	50.28	206.2	57.62	225.4	64.92	250.2	77.46
	35	132.2	39.18	154.2	45.18	197.4	60.78	215.8	68.46	236.8	77.70	255.4	86.60	279.8	102.5
	37	132.2	41.80	154.2	48.20	197.4	64.84	215.8	73.04	236.8	82.90	255.4	92.44	279.8	109.6
	39	132.2	44.60	154.2	51.44	197.4	69.20	215.8	77.92	236.8	88.48	255.4	98.74	279.8	117.4
	41	132.2	47.62	154.2	54.90	197.4	73.80	215.8	83.16	236.8	94.48	255.4	105.6	279.8	125.6
	43	132.2	50.84	154.2	58.62	197.4	78.76	215.8	88.76	236.8	101.0	255.4	113.0	269.4	127.2
	46	132.2	56.08	154.2	64.62	197.4	86.82	215.8	97.96	236.8	111.8	238.8	113.3	236.0	114.8
	48	132.2	59.88	154.2	68.96	197.4	92.70	215.8	104.8	217.6	106.0	217.8	106.0	214.6	107.2
	50	132.2	63.92	154.2	73.56	196.8	98.66	197.6	99.42	197.6	99.32	197.6	99.50	194.6	100.4
	52	132.2	68.22	154.2	78.48	174.8	89.40	175.2	88.66	176.0	87.96	176.2	87.16	175.4	87.62
90	10	38.00	3.14	61.00	4.98	86.20	7.06	92.40	7.58	98.40	8.08	104.6	8.60	111.4	9.26
	12	38.00	3.14	61.00	5.00	86.20	7.10	92.40	7.60	98.40	8.12	104.6	8.66	111.4	9.30
	14	38.00	3.14	61.00	5.00	86.20	7.14	92.40	7.66	98.40	8.18	104.6	8.72	111.4	9.38
	16	38.00	3.14	61.00	5.04	86.20	7.20	92.40	7.74	98.40	8.26	104.6	8.84	111.4	9.56
	18	38.00	3.18	61.00	5.08	86.20	7.34	92.40	7.90	98.40	8.48	104.6	9.10	111.4	9.92
	20	38.00	3.22	61.00	5.20	86.20	7.68	92.40	8.34	98.40	9.00	104.6	9.74	111.4	10.90
	21	43.00	3.76	65.60	5.96	90.80	9.12	96.80	9.96	102.8	10.92	108.8	11.90	115.0	14.18
	23	53.00	10.68	75.40	12.64	100.4	15.26	106.0	15.90	111.8	16.58	117.0	17.18	122.6	18.22
	25	63.20	12.72	85.20	15.10	110.0	18.34	115.4	19.10	121.0	19.88	125.4	20.52	130.2	21.74
	27	74.00	15.42	95.40	18.30	120.0	22.32	125.0	23.22	130.4	24.18	133.8	24.82	145.6	27.74
	29	84.80	19.02	105.8	22.52	130.2	27.46	135.0	28.52	140.0	29.62	148.4	31.52	172.2	38.02
	31	95.80	23.76	116.6	27.58	140.6	33.10	145.2	34.18	157.6	37.38	175.6	42.34	198.6	50.56

43. ARUM920LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	107.4	28.92	127.6	33.24	151.4	39.78	166.6	44.34	185.4	50.40	202.8	56.44	225.4	66.72
	35	119.2	35.24	138.8	40.24	177.6	53.28	194.4	59.62	213.2	67.22	229.6	74.50	251.8	87.38
	37	119.2	37.54	138.8	42.92	177.6	56.84	194.4	63.62	213.2	71.74	229.6	79.50	251.8	93.28
	39	119.2	40.06	138.8	45.82	177.6	60.66	194.4	67.88	213.2	76.54	229.6	84.84	251.8	99.64
	41	119.2	42.76	138.8	48.92	177.6	64.72	194.4	72.42	213.2	81.68	229.6	90.54	251.8	106.6
	43	119.2	45.66	138.8	52.22	177.6	69.08	194.4	77.28	213.2	87.16	229.6	96.72	251.8	114.1
	46	119.2	50.42	138.8	57.64	177.6	76.10	194.4	85.18	213.2	96.20	229.6	106.9	236.0	114.8
	48	119.2	53.86	138.8	61.54	177.6	81.22	194.4	90.94	213.2	102.8	217.8	106.0	215.0	107.3
	50	119.2	57.52	138.8	65.66	177.6	86.66	194.4	97.14	197.6	99.46	197.6	99.30	195.0	100.6
	52	119.2	61.44	138.8	70.08	174.6	90.26	174.8	89.46	175.4	88.60	176.0	87.92	174.8	88.28
80	10	33.80	2.78	54.00	4.42	76.60	6.28	82.00	6.72	87.40	7.18	93.20	7.66	99.00	8.22
	12	33.80	2.78	54.00	4.44	76.60	6.28	82.00	6.74	87.40	7.20	93.20	7.66	99.00	8.26
	14	33.80	2.80	54.00	4.44	76.60	6.32	82.00	6.78	87.40	7.24	93.20	7.72	99.00	8.30
	16	33.80	2.80	54.00	4.46	76.60	6.38	82.00	6.84	87.40	7.32	93.20	7.80	99.00	8.40
	18	33.80	2.80	54.00	4.50	76.60	6.46	82.00	6.94	87.40	7.46	93.20	7.98	99.00	8.66
	20	33.80	2.84	54.00	4.60	76.60	6.72	82.00	7.26	87.40	7.82	93.20	8.42	99.00	9.34
	21	38.20	3.30	58.40	5.18	80.80	7.76	86.00	8.46	91.20	9.18	96.60	9.96	102.4	11.62
	23	47.20	10.16	67.00	11.84	89.20	14.08	94.20	14.60	99.40	15.16	104.0	15.66	108.8	16.56
	25	56.40	11.90	75.80	13.94	97.80	16.70	102.6	17.34	107.4	18.00	111.2	18.52	115.8	19.54
	27	65.60	14.24	84.80	16.72	106.6	20.08	111.2	20.82	115.8	21.62	118.8	22.14	129.2	24.52
	29	75.20	17.36	94.00	20.32	115.8	24.44	120.0	25.32	124.6	26.24	132.0	27.86	153.0	33.32
	31	85.20	21.44	103.6	24.84	125.0	29.44	128.8	30.34	140.2	32.96	156.0	37.00	176.6	43.70
	33	95.40	26.08	113.4	29.72	134.6	35.10	148.0	38.82	164.8	43.78	180.2	48.68	200.2	57.02
	35	105.8	31.56	123.4	35.66	157.8	46.38	172.8	51.56	189.4	57.72	204.2	63.58	223.8	73.90
	37	105.8	33.58	123.4	38.02	157.8	49.48	172.8	55.02	189.4	61.58	204.2	67.82	223.8	78.84
	39	105.8	35.82	123.4	40.58	157.8	52.82	172.8	58.70	189.4	65.70	204.2	72.36	223.8	84.14
	41	105.8	38.22	123.4	43.32	157.8	56.36	172.8	62.64	189.4	70.12	204.2	77.22	223.8	89.80
	43	105.8	40.80	123.4	46.28	157.8	60.16	172.8	66.84	189.4	74.80	204.2	82.38	223.8	95.92
	46	105.8	45.08	123.4	51.08	157.8	66.32	172.8	73.66	189.4	82.46	204.2	90.86	223.8	106.1
	48	105.8	48.18	123.4	54.56	157.8	70.76	172.8	78.60	189.4	88.00	204.2	97.06	215.0	107.3
	50	105.8	51.50	123.4	58.28	157.8	75.50	172.8	83.86	189.4	93.96	197.6	99.42	195.0	100.5
	52	105.8	55.04	123.4	62.24	157.8	80.56	172.6	89.36	174.8	89.58	175.2	88.84	174.4	89.26
70	10	29.60	2.44	47.20	3.88	67.00	5.50	71.80	5.88	76.60	6.28	81.60	6.68	86.60	7.18
	12	29.60	2.44	47.20	3.88	67.00	5.50	71.80	5.90	76.60	6.28	81.60	6.70	86.60	7.18
	14	29.60	2.44	47.20	3.88	67.00	5.52	71.80	5.92	76.60	6.32	81.60	6.74	86.60	7.24
	16	29.60	2.44	47.20	3.90	67.00	5.56	71.80	5.94	76.60	6.36	81.60	6.80	86.60	7.32
	18	29.60	2.46	47.20	3.92	67.00	5.64	71.80	6.04	76.60	6.46	81.60	6.90	86.60	7.48
	20	29.60	2.48	47.20	4.00	67.00	5.78	71.80	6.24	76.60	6.70	81.60	7.20	86.60	7.92
	21	33.40	2.86	51.00	4.46	70.60	6.54	75.20	7.08	80.00	7.66	84.60	8.24	89.40	9.44
	23	41.40	8.26	58.60	11.06	78.20	12.92	82.40	13.38	87.00	13.82	90.80	14.26	95.40	15.00
	25	49.20	11.12	66.40	12.84	85.60	15.12	89.80	15.66	94.00	16.20	97.40	16.64	101.2	17.48
	27	57.40	13.14	74.20	15.20	93.40	17.98	97.40	18.60	101.2	19.24	104.2	19.68	113.2	21.62
	29	66.00	15.76	82.40	18.22	101.2	21.64	105.0	22.34	108.8	23.10	115.4	24.40	133.8	28.94
	31	74.60	19.22	90.60	22.14	109.4	26.06	112.8	26.78	122.6	28.90	136.8	32.12	154.6	37.48
	33	83.60	23.26	99.20	26.40	117.8	30.78	129.6	33.78	144.2	37.74	157.6	41.64	175.2	48.26
	35	92.60	28.06	108.0	31.44	138.0	40.02	151.2	44.16	165.6	49.08	178.6	53.70	195.8	61.86
	37	92.60	29.82	108.0	33.46	138.0	42.70	151.2	47.12	165.6	52.36	178.6	57.32	195.8	66.00
	39	92.60	31.78	108.0	35.70	138.0	45.58	151.2	50.30	165.6	55.88	178.6	61.16	195.8	70.40
	41	92.60	33.94	108.0	38.10	138.0	48.66	151.2	53.70	165.6	59.64	178.6	65.24	195.8	75.12
	43	92.60	36.24	108.0	40.70	138.0	51.96	151.2	57.32	165.6	63.64	178.6	69.62	195.8	80.14
	46	92.60	40.04	108.0	44.96	138.0	57.32	151.2	63.20	165.6	70.16	178.6	76.72	195.8	88.38

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	92.60	42.84	108.0	48.06	138.0	61.20	151.2	67.44	165.6	74.84	178.6	81.86	195.8	94.40
	50	92.60	45.82	108.0	51.38	138.0	65.32	151.2	71.96	165.6	79.86	178.6	87.38	194.6	100.2
	52	92.60	49.02	108.0	54.92	138.0	69.70	151.2	76.78	165.6	85.22	174.8	90.16	173.8	90.56
60	10	25.40	2.10	40.60	3.32	57.40	4.70	61.40	5.04	65.60	5.38	69.80	5.72	74.40	6.14
	12	25.40	2.10	40.60	3.32	57.40	4.72	61.40	5.04	65.60	5.38	69.80	5.72	74.40	6.16
	14	25.40	2.10	40.60	3.32	57.40	4.72	61.40	5.06	65.60	5.40	69.80	5.76	74.40	6.18
	16	25.40	2.10	40.60	3.34	57.40	4.74	61.40	5.08	65.60	5.42	69.80	5.80	74.40	6.24
	18	25.40	2.10	40.60	3.36	57.40	4.78	61.40	5.14	65.60	5.50	69.80	5.86	74.40	6.34
	20	25.40	2.12	40.60	3.40	57.40	4.90	61.40	5.26	65.60	5.64	69.80	6.04	74.40	6.60
	21	28.60	2.44	43.80	3.76	60.60	5.44	64.40	5.84	68.60	6.28	72.40	6.76	76.60	7.58
	23	35.20	5.86	50.20	8.76	67.00	11.82	70.60	12.20	74.40	12.56	77.80	12.90	81.60	13.52
	25	42.80	10.48	56.80	11.80	73.20	13.68	77.00	14.08	80.60	14.52	83.60	14.88	86.80	15.56
	27	49.40	12.06	63.60	13.72	80.00	16.02	83.40	16.50	87.00	17.02	89.20	17.36	97.00	18.94
	29	56.40	14.24	70.60	16.24	86.80	19.02	90.00	19.58	93.20	20.16	99.00	21.22	114.6	24.78
	31	64.00	17.10	77.80	19.48	93.80	22.78	96.60	23.42	105.0	25.16	117.2	27.70	132.6	31.88
	33	71.60	20.56	85.00	23.12	100.8	26.80	111.2	29.18	123.8	32.24	135.2	35.28	150.2	40.40
	35	79.40	24.56	92.40	27.44	118.4	34.26	129.6	37.46	142.2	41.26	153.2	44.82	167.8	51.10
	37	79.40	26.04	92.40	29.18	118.4	36.50	129.6	39.96	142.2	44.02	153.2	47.82	167.8	54.52
	39	79.40	27.68	92.40	31.08	118.4	38.94	129.6	42.64	142.2	47.00	153.2	51.06	167.8	58.20
	41	79.40	29.50	92.40	33.18	118.4	41.58	129.6	45.52	142.2	50.16	153.2	54.50	167.8	62.10
	43	79.40	31.52	92.40	35.48	118.4	44.40	129.6	48.62	142.2	53.54	153.2	58.16	167.8	66.26
	46	79.40	34.92	92.40	39.24	118.4	49.06	129.6	53.68	142.2	59.08	153.2	64.14	167.8	73.02
	48	79.40	37.48	92.40	41.98	118.4	52.40	129.6	57.32	142.2	63.04	153.2	68.44	167.8	77.92
	50	79.40	40.24	92.40	44.92	118.4	55.98	129.6	61.20	142.2	67.30	153.2	73.02	167.8	83.14
	52	79.40	43.16	92.40	48.06	118.4	59.80	129.6	65.32	142.2	71.80	153.2	77.90	167.8	88.74
50	10	21.00	1.90	33.80	2.76	48.00	3.92	51.40	4.20	54.80	4.48	58.20	4.76	61.80	5.12
	12	21.00	1.90	33.80	2.76	48.00	3.92	51.40	4.20	54.80	4.48	58.20	4.78	61.80	5.12
	14	21.00	1.90	33.80	2.78	48.00	3.92	51.40	4.22	54.80	4.48	58.20	4.78	61.80	5.12
	16	21.00	1.90	33.80	2.78	48.00	3.96	51.40	4.22	54.80	4.52	58.20	4.82	61.80	5.16
	18	21.00	1.90	33.80	2.80	48.00	3.96	51.40	4.26	54.80	4.56	58.20	4.86	61.80	5.24
	20	21.00	1.94	33.80	2.82	48.00	4.04	51.40	4.34	54.80	4.64	58.20	4.96	61.80	5.38
	21	23.80	2.02	36.40	3.10	50.60	4.40	53.80	4.74	57.20	5.06	60.40	5.40	64.00	5.98
	23	29.40	4.08	41.80	6.00	55.60	10.60	59.00	11.08	62.00	11.38	64.80	11.64	68.20	12.12
	25	40.80	10.46	47.40	10.78	61.20	12.28	64.00	12.60	67.20	12.94	69.60	13.24	72.40	13.76
	27	41.40	11.06	53.00	12.34	66.60	14.14	69.40	14.54	72.40	14.94	74.40	15.20	80.80	16.44
	29	47.20	12.78	58.80	14.36	72.40	16.54	75.00	16.98	77.80	17.44	82.40	18.26	95.60	21.02
	31	53.20	15.08	64.80	16.96	78.20	19.56	80.60	20.06	87.40	21.50	97.60	23.60	110.4	26.86
	33	59.60	17.96	70.80	20.00	84.00	22.92	92.40	24.84	103.0	27.30	112.6	29.56	125.0	33.38
	35	66.20	21.18	77.00	23.44	98.60	29.00	108.0	31.44	118.4	34.26	127.6	36.90	139.8	41.56
	37	66.20	22.38	77.00	24.86	98.60	30.88	108.0	33.48	118.4	36.52	127.6	39.36	139.8	44.36
	39	66.20	23.72	77.00	26.42	98.60	32.92	108.0	35.70	118.4	38.96	127.6	41.98	139.8	47.34
	41	66.20	25.18	77.00	28.12	98.60	35.12	108.0	38.10	118.4	41.60	127.6	44.84	139.8	50.52
	43	66.20	26.80	77.00	30.02	98.60	37.50	108.0	40.70	118.4	44.44	127.6	47.88	139.8	53.92
	46	66.20	29.56	77.00	33.22	98.60	41.44	108.0	44.98	118.4	49.06	127.6	52.86	139.8	59.48
	48	66.20	31.62	77.00	35.64	98.60	44.34	108.0	48.06	118.4	52.40	127.6	56.44	139.8	63.50
	50	66.20	33.90	77.00	38.28	98.60	47.42	108.0	51.38	118.4	56.00	127.6	60.28	139.8	67.76
	52	66.20	36.40	77.00	41.20	98.60	50.72	108.0	54.92	118.4	59.82	127.6	64.36	139.8	72.32

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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43.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	161.2	77.78	160.0	78.44	158.6	79.10	158.0	79.42	157.4	79.74	156.2	80.40
	-24.8	-25	188.0	81.66	186.6	82.40	185.0	83.14	184.6	83.50	183.8	83.86	182.4	84.58
	-21.8	-22	204.6	83.88	203.2	84.68	201.8	85.46	201.0	85.84	200.2	86.22	198.8	86.98
	-19.8	-20	216.6	85.38	215.0	86.20	213.4	87.00	212.6	87.40	211.8	87.82	210.2	88.58
	-18.8	-19	222.6	86.12	220.8	86.96	219.2	87.78	218.4	88.18	217.6	88.60	216.2	89.40
	-16.7	-17	235.0	87.64	233.4	88.48	231.8	89.36	230.8	89.78	230.0	90.18	228.4	91.02
	-15	-15.9	242.6	88.52	240.8	89.40	239.2	90.26	238.4	90.68	237.4	91.10	235.8	91.94
	-13.7	-15	249.8	89.32	248.2	90.24	246.4	91.12	245.6	91.56	244.8	92.00	243.2	92.86
	-11.8	-13	262.4	90.72	260.4	91.64	258.6	92.56	257.6	93.02	256.8	93.46	255.0	94.34
	-9.8	-11	276.6	92.26	274.6	93.22	272.6	94.16	271.8	94.62	270.6	95.08	268.8	95.96
	-9.5	-10	283.4	92.98	281.4	93.96	279.4	94.90	278.4	95.36	277.4	95.84	275.4	96.74
	-8.5	-9.1	290.4	93.70	288.0	94.66	286.0	95.64	285.0	96.10	284.0	96.58	282.0	97.50
	-7	-7.6	301.8	94.88	299.6	95.88	297.6	96.86	296.4	97.34	295.2	97.82	293.2	98.76
	-5	-5.6	318.0	96.46	315.6	97.50	313.2	98.52	312.2	99.00	311.0	99.52	308.6	100.5
	-3	-3.7	333.8	98.00	331.4	99.08	329.0	100.1	327.8	100.6	326.6	101.1	324.2	102.1
	0	-0.7	359.8	100.5	357.4	101.6	354.6	102.7	353.2	103.2	352.0	103.7	329.6	96.28
	3	2.2	386.2	102.9	383.0	104.0	376.8	103.6	365.0	99.92	353.0	96.24	329.6	89.02
	5	4.1	403.6	104.4	400.2	105.5	376.8	98.36	365.0	94.88	353.0	91.42	329.6	84.62
	7	6	421.6	106.0	400.2	100.0	376.8	93.32	365.0	90.00	353.0	86.72	329.6	80.28
	9	7.9	423.8	101.1	400.2	94.60	376.8	88.30	365.0	85.18	353.0	82.12	329.6	76.06
	11	9.8	423.8	95.46	400.2	89.42	376.8	83.50	365.0	80.58	353.0	77.72	329.6	72.06
	13	11.8	423.8	89.82	400.2	84.20	376.8	78.68	365.0	75.96	353.0	73.28	329.6	68.00
	15	13.7	423.8	84.72	400.2	79.48	376.8	74.32	365.0	71.78	353.0	69.26	329.6	64.30
120	-30	-30.2	160.4	78.12	159.2	78.78	158.0	79.42	157.4	79.74	157.0	80.08	155.8	80.70
	-24.8	-25	187.0	82.10	185.8	82.84	184.2	83.58	183.8	83.94	183.0	84.28	181.6	84.98
	-21.8	-22	203.8	84.42	202.2	85.20	200.8	85.96	200.0	86.34	199.2	86.72	198.0	87.46
	-19.8	-20	215.4	85.96	213.8	86.78	212.2	87.56	211.4	87.96	210.8	88.34	209.2	89.10
	-18.8	-19	221.4	86.74	219.6	87.56	218.0	88.36	217.4	88.78	216.6	89.18	215.0	89.94
	-16.7	-17	233.8	88.30	232.2	89.14	230.4	90.00	229.6	90.40	228.8	90.80	227.2	91.62
	-15	-15.9	241.2	89.22	239.6	90.08	237.8	90.94	236.8	91.36	236.0	91.76	234.4	92.60
	-13.7	-15	248.4	90.08	246.6	90.98	245.0	91.86	244.2	92.30	243.2	92.70	241.6	93.56
	-11.8	-13	260.8	91.54	258.8	92.46	257.0	93.34	256.0	93.78	255.2	94.22	253.4	95.08
	-9.8	-11	274.8	93.14	272.6	94.08	270.8	95.00	269.8	95.44	268.8	95.90	267.0	96.78
	-9.5	-10	281.4	93.90	279.6	94.86	277.6	95.78	276.4	96.24	275.6	96.70	273.6	97.58
	-8.5	-9.1	288.4	94.66	286.0	95.62	284.0	96.54	283.0	97.02	282.2	97.48	280.2	98.38
	-7	-7.6	299.6	95.88	297.4	96.88	295.2	97.84	294.2	98.32	293.2	98.78	291.0	99.68
	-5	-5.6	315.2	97.58	313.0	98.60	310.8	99.58	309.8	100.1	308.6	100.5	304.4	100.5
	-3	-3.7	331.0	99.22	328.6	100.3	326.2	101.3	325.0	101.8	324.0	102.2	304.4	95.42
	0	-0.7	356.6	101.9	354.0	102.9	347.6	102.4	337.0	98.72	326.0	95.10	304.4	87.98
	3	2.2	382.2	104.4	369.4	101.3	347.6	94.58	337.0	91.22	326.0	87.92	304.4	81.44
	5	4.1	391.0	102.7	369.4	96.20	347.6	89.84	337.0	86.70	326.0	83.58	304.4	77.46
	7	6	391.0	97.44	369.4	91.28	347.6	85.22	337.0	82.26	326.0	79.32	304.4	73.54
	9	7.9	391.0	92.16	369.4	86.38	347.6	80.72	337.0	77.92	326.0	75.16	304.4	69.72
	11	9.8	391.0	87.12	369.4	81.72	347.6	76.38	337.0	73.76	326.0	71.18	304.4	66.08
	13	11.8	391.0	82.06	369.4	77.02	347.6	72.04	337.0	69.62	326.0	67.20	304.4	62.42

43. ARUM920LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	391.0	77.48	369.4	72.76	347.6	68.10	337.0	65.82	326.0	63.54	304.4	59.10
110	-30	-30.2	159.6	78.52	158.6	79.18	157.4	79.82	156.8	80.14	156.2	80.44	155.0	81.08
	-24.8	-25	186.2	82.64	184.6	83.36	183.4	84.08	182.6	84.42	182.0	84.78	180.8	85.46
	-21.8	-22	202.6	85.02	201.0	85.80	199.6	86.56	198.8	86.92	198.0	87.30	196.8	88.02
	-19.8	-20	214.2	86.64	212.6	87.44	211.0	88.22	210.2	88.60	209.6	88.98	208.0	89.74
	-18.8	-19	220.0	87.44	218.4	88.26	216.8	89.04	216.0	89.44	215.2	89.84	213.8	90.58
	-16.7	-17	232.2	89.08	230.6	89.92	228.8	90.74	228.0	91.14	227.2	91.54	225.6	92.32
	-15	-15.9	239.6	90.04	238.0	90.88	236.2	91.72	235.4	92.14	234.6	92.54	233.0	93.34
	-13.7	-15	246.8	90.96	245.0	91.82	243.4	92.70	242.4	93.12	241.6	93.52	240.0	94.36
	-11.8	-13	258.8	92.46	256.8	93.38	255.2	94.24	254.2	94.66	253.4	95.08	251.4	95.92
	-9.8	-11	272.6	94.16	270.6	95.08	268.8	95.98	267.8	96.40	266.8	96.84	264.8	97.70
	-9.5	-10	279.2	94.96	277.2	95.88	275.2	96.80	274.4	97.24	273.4	97.68	271.4	98.54
	-8.5	-9.1	285.8	95.76	283.8	96.70	281.8	97.62	280.6	98.06	279.8	98.50	277.8	99.38
	-7	-7.6	297.0	97.08	294.8	98.02	292.8	98.98	291.8	99.42	290.6	99.88	279.0	96.04
	-5	-5.6	312.4	98.86	310.2	99.86	307.8	100.8	306.8	101.3	299.0	98.46	279.0	91.08
	-3	-3.7	327.8	100.6	325.4	101.6	318.6	100.6	308.8	97.02	299.0	93.50	279.0	86.56
	0	-0.7	352.8	103.4	338.6	99.32	318.6	92.72	308.8	89.48	299.0	86.24	279.0	79.92
	3	2.2	358.4	97.94	338.6	91.78	318.6	85.76	308.8	82.78	299.0	79.84	279.0	74.06
	5	4.1	358.4	93.00	338.6	87.22	318.6	81.52	308.8	78.72	299.0	75.96	279.0	70.50
	7	6	358.4	88.24	338.6	82.76	318.6	77.38	308.8	74.72	299.0	72.10	279.0	66.94
	9	7.9	358.4	83.54	338.6	78.38	318.6	73.34	308.8	70.86	299.0	68.40	279.0	63.52
	11	9.8	358.4	79.04	338.6	74.22	318.6	69.48	308.8	67.14	299.0	64.82	279.0	60.26
	13	11.8	358.4	74.52	338.6	70.00	318.6	65.58	308.8	63.40	299.0	61.24	279.0	56.98
	15	13.7	358.4	70.42	338.6	66.20	318.6	62.06	308.8	60.00	299.0	57.98	279.0	53.98
100	-30	-30.2	158.8	79.00	157.6	79.64	156.6	80.28	155.8	80.58	155.4	80.90	154.2	81.52
	-24.8	-25	185.0	83.28	183.4	83.98	182.2	84.68	181.6	85.02	181.0	85.38	179.6	86.04
	-21.8	-22	201.2	85.76	199.6	86.52	198.4	87.26	197.6	87.60	196.8	87.96	195.6	88.70
	-19.8	-20	212.6	87.44	211.0	88.22	209.6	88.96	208.8	89.36	208.0	89.72	206.4	90.46
	-18.8	-19	218.4	88.28	216.8	89.08	215.2	89.84	214.6	90.24	213.8	90.62	212.2	91.36
	-16.7	-17	230.4	90.00	228.8	90.80	227.2	91.62	226.4	92.02	225.6	92.40	224.0	93.16
	-15	-15.9	237.6	91.02	236.0	91.84	234.2	92.64	233.4	93.04	232.6	93.44	231.0	94.22
	-13.7	-15	244.8	91.98	243.2	92.84	241.6	93.66	240.8	94.08	240.0	94.50	238.4	95.28
	-11.8	-13	256.4	93.56	254.8	94.44	253.0	95.30	252.0	95.70	251.0	96.10	249.4	96.92
	-9.8	-11	270.0	95.36	268.2	96.26	266.4	97.14	265.2	97.54	264.4	97.98	253.4	94.16
	-9.5	-10	276.4	96.22	274.6	97.10	272.6	97.98	271.8	98.42	270.8	98.86	253.4	91.92
	-8.5	-9.1	283.0	97.06	281.0	97.98	279.0	98.86	278.0	99.28	271.8	97.00	253.4	89.78
	-7	-7.6	294.0	98.46	291.8	99.38	289.8	100.3	280.6	96.74	271.8	93.24	253.4	86.36
	-5	-5.6	309.0	100.4	306.8	101.3	289.8	95.08	280.6	91.74	271.8	88.46	253.4	81.96
	-3	-3.7	324.0	102.2	307.8	96.72	289.8	90.32	280.6	87.18	271.8	84.06	253.4	77.94
	0	-0.7	326.0	95.10	307.8	89.16	289.8	83.36	280.6	80.48	271.8	77.66	253.4	72.06
	3	2.2	326.0	87.92	307.8	82.50	289.8	77.20	280.6	74.58	271.8	71.98	253.4	66.84
	5	4.1	326.0	83.58	307.8	78.48	289.8	73.46	280.6	70.98	271.8	68.52	253.4	63.68
	7	6	326.0	79.32	307.8	74.48	289.8	69.74	280.6	67.40	271.8	65.08	253.4	60.52
	9	7.9	326.0	75.16	307.8	70.62	289.8	66.16	280.6	63.98	271.8	61.78	253.4	57.48
	11	9.8	326.0	71.18	307.8	66.94	289.8	62.74	280.6	60.68	271.8	58.62	253.4	54.58
	13	11.8	326.0	67.20	307.8	63.20	289.8	59.30	280.6	57.36	271.8	55.44	253.4	51.66
	15	13.7	326.0	63.56	307.8	59.82	289.8	56.16	280.6	54.36	271.8	52.56	253.4	49.00

43. ARUM920LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	157.8	79.58	156.6	80.22	155.4	80.84	155.0	81.14	154.4	81.44	153.4	82.06
	-24.8	-25	183.4	84.02	182.2	84.72	180.8	85.40	180.2	85.74	179.6	86.08	178.4	86.74
	-21.8	-22	199.6	86.64	198.0	87.36	196.8	88.08	196.0	88.44	195.2	88.78	194.0	89.48
	-19.8	-20	210.6	88.40	209.2	89.14	207.6	89.88	206.8	90.26	206.4	90.62	204.8	91.32
	-18.8	-19	216.4	89.28	214.8	90.06	213.4	90.80	212.6	91.18	211.8	91.54	210.4	92.26
	-16.7	-17	228.4	91.10	226.8	91.88	225.0	92.68	224.2	93.04	223.4	93.42	222.0	94.16
	-15	-15.9	235.2	92.16	233.6	92.96	232.2	93.74	231.4	94.14	230.6	94.52	228.2	94.86
	-13.7	-15	242.4	93.22	240.8	94.04	239.2	94.84	238.4	95.24	237.6	95.64	228.2	92.04
	-11.8	-13	253.8	94.88	252.0	95.70	250.2	96.54	249.4	96.96	244.6	95.10	228.2	88.04
	-9.8	-11	267.0	96.80	265.2	97.64	260.8	97.18	252.6	93.78	244.6	90.42	228.2	83.82
	-9.5	-10	273.4	97.70	271.4	98.56	260.8	94.86	252.6	91.56	244.6	88.28	228.2	81.86
	-8.5	-9.1	279.6	98.58	277.2	99.18	260.8	92.64	252.6	89.44	244.6	86.26	228.2	79.98
	-7	-7.6	290.2	100.1	277.2	95.34	260.8	89.10	252.6	86.02	244.6	82.98	228.2	76.96
	-5	-5.6	293.4	96.42	277.2	90.44	260.8	84.54	252.6	81.64	244.6	78.76	228.2	73.10
	-3	-3.7	293.4	91.60	277.2	85.94	260.8	80.38	252.6	77.64	244.6	74.92	228.2	69.56
	0	-0.7	293.4	84.52	277.2	79.34	260.8	74.26	252.6	71.78	244.6	69.30	228.2	64.42
	3	2.2	293.4	78.26	277.2	73.52	260.8	68.90	252.6	66.62	244.6	64.34	228.2	59.86
	5	4.1	293.4	74.46	277.2	70.00	260.8	65.60	252.6	63.44	244.6	61.30	228.2	57.04
	7	6	293.4	70.68	277.2	66.48	260.8	62.34	252.6	60.30	244.6	58.26	228.2	54.26
	9	7.9	293.4	67.06	277.2	63.10	260.8	59.20	252.6	57.28	244.6	55.38	228.2	51.60
	11	9.8	293.4	63.58	277.2	59.86	260.8	56.20	252.6	54.40	244.6	52.60	228.2	49.04
	13	11.8	293.4	60.08	277.2	56.60	260.8	53.16	252.6	51.48	244.6	49.78	228.2	46.48
	15	13.7	293.4	56.90	277.2	53.64	260.8	50.42	252.6	48.82	244.6	47.26	228.2	44.14
80	-30	-30.2	156.6	80.28	155.4	80.88	154.2	81.50	153.8	81.80	153.2	82.10	152.2	82.70
	-24.8	-25	181.8	84.94	180.4	85.60	179.2	86.26	178.4	86.60	178.0	86.92	176.8	87.58
	-21.8	-22	197.4	87.70	196.0	88.40	194.6	89.10	194.0	89.44	193.4	89.76	192.2	90.44
	-19.8	-20	208.4	89.54	206.8	90.28	205.6	91.02	204.8	91.36	204.0	91.72	202.6	92.36
	-18.8	-19	214.0	90.50	212.6	91.24	211.0	91.98	210.2	92.32	209.6	92.68	202.8	90.20
	-16.7	-17	225.6	92.42	224.0	93.18	222.4	93.94	221.8	94.30	217.4	92.56	202.8	85.84
	-15	-15.9	232.4	93.56	231.0	94.34	229.2	95.08	224.6	93.18	217.4	89.86	202.8	83.26
	-13.7	-15	239.6	94.70	237.8	95.50	231.8	93.70	224.6	90.40	217.4	87.16	202.8	80.78
	-11.8	-13	250.4	96.48	246.4	95.92	231.8	89.62	224.6	86.48	217.4	83.36	202.8	77.28
	-9.8	-11	260.8	97.18	246.4	91.18	231.8	85.28	224.6	82.36	217.4	79.48	202.8	73.74
	-9.5	-10	260.8	94.86	246.4	89.00	231.8	83.26	224.6	80.44	217.4	77.62	202.8	72.08
	-8.5	-9.1	260.8	92.64	246.4	86.96	231.8	81.36	224.6	78.60	217.4	75.84	202.8	70.44
	-7	-7.6	260.8	89.10	246.4	83.64	231.8	78.28	224.6	75.64	217.4	73.02	202.8	67.86
	-5	-5.6	260.8	84.54	246.4	79.42	231.8	74.36	224.6	71.86	217.4	69.38	202.8	64.50
	-3	-3.7	260.8	80.38	246.4	75.54	231.8	70.74	224.6	68.40	217.4	66.06	202.8	61.46
	0	-0.7	260.8	74.26	246.4	69.84	231.8	65.48	224.6	63.34	217.4	61.20	202.8	57.00
	3	2.2	260.8	68.90	246.4	64.84	231.8	60.84	224.6	58.88	217.4	56.90	202.8	53.04
	5	4.1	260.8	65.60	246.4	61.76	231.8	57.98	224.6	56.12	217.4	54.24	202.8	50.58
	7	6	260.8	62.34	246.4	58.72	231.8	55.14	224.6	53.38	217.4	51.62	202.8	48.16
	9	7.9	260.8	59.20	246.4	55.78	231.8	52.42	224.6	50.76	217.4	49.12	202.8	45.86
	11	9.8	260.8	56.20	246.4	52.98	231.8	49.82	224.6	48.26	217.4	46.70	202.8	43.64
	13	11.8	260.8	53.16	246.4	50.18	231.8	47.22	224.6	45.74	217.4	44.30	202.8	41.42
	15	13.7	260.8	50.42	246.4	47.60	231.8	44.82	224.6	43.46	217.4	42.08	202.8	39.38
70	-30	-30.2	155.0	81.18	153.8	81.76	152.8	82.36	152.2	82.66	151.6	82.94	150.8	83.52

43. ARUM920LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	179.6	86.08	178.4	86.74	177.2	87.38	176.4	87.70	176.0	88.00	174.8	88.62
	-21.8	-22	194.8	89.00	193.4	89.68	192.2	90.36	191.4	90.68	190.2	90.54	177.4	84.02
	-19.8	-20	205.6	90.98	204.0	91.68	202.6	92.36	196.6	89.32	190.2	86.20	177.4	80.00
	-18.8	-19	211.0	92.00	209.4	92.72	202.8	90.20	196.6	87.14	190.2	84.10	177.4	78.08
	-16.7	-17	222.2	94.08	215.4	91.72	202.8	85.84	196.6	82.92	190.2	80.04	177.4	74.34
	-15	-15.9	228.2	94.86	215.4	89.04	202.8	83.26	196.6	80.40	190.2	77.58	177.4	72.02
	-13.7	-15	228.2	92.04	215.4	86.36	202.8	80.78	196.6	78.00	190.2	75.28	177.4	69.88
	-11.8	-13	228.2	88.04	215.4	82.60	202.8	77.28	196.6	74.64	190.2	72.04	177.4	66.90
	-9.8	-11	228.2	83.82	215.4	78.76	202.8	73.74	196.6	71.28	190.2	68.80	177.4	63.90
	-9.5	-10	228.2	81.86	215.4	76.94	202.8	72.08	196.6	69.68	190.2	67.30	177.4	62.62
	-8.5	-9.1	228.2	79.98	215.4	75.18	202.8	70.46	196.6	68.12	190.2	65.80	177.4	61.24
	-7	-7.6	228.2	76.96	215.4	72.36	202.8	67.86	196.6	65.62	190.2	63.40	177.4	59.02
	-5	-5.6	228.2	73.10	215.4	68.76	202.8	64.50	196.6	62.40	190.2	60.30	177.4	56.18
	-3	-3.7	228.2	69.56	215.4	65.50	202.8	61.46	196.6	59.46	190.2	57.48	177.4	53.58
	0	-0.7	228.2	64.42	215.4	60.68	202.8	57.00	196.6	55.16	190.2	53.36	177.4	49.78
	3	2.2	228.2	59.86	215.4	56.44	202.8	53.04	196.6	51.36	190.2	49.72	177.4	46.42
	5	4.1	228.2	57.04	215.4	53.80	202.8	50.58	196.6	49.00	190.2	47.42	177.4	44.32
	7	6	228.2	54.26	215.4	51.20	202.8	48.16	196.6	46.68	190.2	45.20	177.4	42.26
	9	7.9	228.2	51.60	215.4	48.72	202.8	45.86	196.6	44.46	190.2	43.06	177.4	40.28
	11	9.8	228.2	49.04	215.4	46.34	202.8	43.64	196.6	42.32	190.2	41.00	177.4	38.38
	13	11.8	228.2	46.48	215.4	43.92	202.8	41.42	196.6	40.18	190.2	38.94	177.4	36.48
	15	13.7	228.2	44.14	215.4	41.76	202.8	39.38	196.6	38.20	190.2	37.06	177.4	34.74
60	-30	-30.2	152.8	82.32	151.8	82.90	150.8	83.48	150.4	83.76	149.6	84.04	148.8	84.58
	-24.8	-25	176.8	87.56	175.6	88.18	174.0	88.44	168.4	85.48	163.0	82.52	152.2	76.70
	-21.8	-22	191.4	90.68	184.8	87.74	174.0	82.18	168.4	79.44	163.0	76.72	152.2	71.34
	-19.8	-20	195.6	88.86	184.8	83.54	174.0	78.26	168.4	75.68	163.0	73.10	152.2	68.00
	-18.8	-19	195.6	86.70	184.8	81.50	174.0	76.40	168.4	73.86	163.0	71.34	152.2	66.38
	-16.7	-17	195.6	82.52	184.8	77.60	174.0	72.76	168.4	70.34	163.0	67.96	152.2	63.26
	-15	-15.9	195.6	80.02	184.8	75.20	174.0	70.46	168.4	68.12	163.0	65.80	152.2	61.20
	-13.7	-15	195.6	77.62	184.8	72.96	174.0	68.38	168.4	66.10	163.0	63.86	152.2	59.42
	-11.8	-13	195.6	74.28	184.8	69.82	174.0	65.44	168.4	63.28	163.0	61.14	152.2	56.90
	-9.8	-11	195.6	70.90	184.8	66.68	174.0	62.52	168.4	60.46	163.0	58.42	152.2	54.38
	-9.5	-10	195.6	69.34	184.8	65.30	174.0	61.30	168.4	59.32	163.0	57.38	152.2	53.48
	-8.5	-9.1	195.6	67.78	184.8	63.84	174.0	59.96	168.4	58.04	163.0	56.12	152.2	52.32
	-7	-7.6	195.6	65.30	184.8	61.52	174.0	57.78	168.4	55.94	163.0	54.10	152.2	50.48
	-5	-5.6	195.6	62.10	184.8	58.54	174.0	55.00	168.4	53.28	163.0	51.52	152.2	48.12
	-3	-3.7	195.6	59.18	184.8	55.80	174.0	52.48	168.4	50.82	163.0	49.18	152.2	45.96
	0	-0.7	195.6	54.90	184.8	51.82	174.0	48.78	168.4	47.26	163.0	45.76	152.2	42.78
	3	2.2	195.6	51.14	184.8	48.30	174.0	45.50	168.4	44.12	163.0	42.72	152.2	40.00
	5	4.1	195.6	48.78	184.8	46.10	174.0	43.44	168.4	42.12	163.0	40.80	152.2	38.22
	7	6	195.6	46.46	184.8	43.94	174.0	41.42	168.4	40.18	163.0	38.94	152.2	36.50
	9	7.9	195.6	44.26	184.8	41.86	174.0	39.50	168.4	38.32	163.0	37.16	152.2	34.86
	11	9.8	195.6	42.12	184.8	39.88	174.0	37.66	168.4	36.56	163.0	35.46	152.2	33.28
	13	11.8	195.6	40.00	184.8	37.88	174.0	35.80	168.4	34.76	163.0	33.72	152.2	31.70
	15	13.7	195.6	38.06	184.8	36.06	174.0	34.10	168.4	33.14	163.0	32.16	152.2	30.24
50	-30	-30.2	150.0	83.88	149.2	84.44	144.8	82.62	140.4	79.88	135.8	77.16	126.8	71.80
	-24.8	-25	163.0	82.52	154.0	77.66	144.8	72.86	140.4	70.48	135.8	68.12	126.8	63.46

43. ARUM920LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	163.0	76.72	154.0	72.24	144.8	67.80	140.4	65.60	135.8	63.42	126.8	59.12
	-19.8	-20	163.0	73.10	154.0	68.84	144.8	64.62	140.4	62.56	135.8	60.50	126.8	56.40
	-18.8	-19	163.0	71.36	154.0	67.20	144.8	63.12	140.4	61.08	135.8	59.08	126.8	55.10
	-16.7	-17	163.0	67.96	154.0	64.04	144.8	60.16	140.4	58.26	135.8	56.34	126.8	52.56
	-15	-15.9	163.0	65.80	154.0	61.96	144.8	58.20	140.4	56.32	135.8	54.46	126.8	50.82
	-13.7	-15	163.0	63.86	154.0	60.14	144.8	56.50	140.4	54.70	135.8	52.90	126.8	49.36
	-11.8	-13	163.0	61.14	154.0	57.60	144.8	54.12	140.4	52.40	135.8	50.68	126.8	47.32
	-9.8	-11	163.0	58.42	154.0	55.06	144.8	51.76	140.4	50.12	135.8	48.48	126.8	45.26
	-9.5	-10	163.0	57.38	154.0	54.14	144.8	50.92	140.4	49.34	135.8	47.78	126.8	44.66
	-8.5	-9.1	163.0	56.12	154.0	52.96	144.8	49.86	140.4	48.30	135.8	46.76	126.8	43.72
	-7	-7.6	163.0	54.10	154.0	51.08	144.8	48.08	140.4	46.62	135.8	45.14	126.8	42.24
	-5	-5.6	163.0	51.52	154.0	48.68	144.8	45.86	140.4	44.46	135.8	43.08	126.8	40.32
	-3	-3.7	163.0	49.18	154.0	46.50	144.8	43.84	140.4	42.50	135.8	41.18	126.8	38.58
	0	-0.7	163.0	45.76	154.0	43.28	144.8	40.82	140.4	39.62	135.8	38.40	126.8	36.02
	3	2.2	163.0	42.72	154.0	40.44	144.8	38.20	140.4	37.10	135.8	35.96	126.8	33.76
	5	4.1	163.0	40.80	154.0	38.66	144.8	36.50	140.4	35.44	135.8	34.40	126.8	32.32
	7	6	163.0	38.94	154.0	36.90	144.8	34.90	140.4	33.88	135.8	32.90	126.8	30.94
	9	7.9	163.0	37.16	154.0	35.24	144.8	33.34	140.4	32.40	135.8	31.46	126.8	29.60
	11	9.8	163.0	35.46	154.0	33.64	144.8	31.84	140.4	30.96	135.8	30.08	126.8	28.32
	13	11.8	163.0	33.72	154.0	32.02	144.8	30.36	140.4	29.50	135.8	28.68	126.8	27.02
	15	13.7	163.0	32.16	154.0	30.56	144.8	28.96	140.4	28.20	135.8	27.42	126.8	25.84

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

43. ARUM920LTE6

43.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	161.2	77.78	160.0	78.44	158.6	79.10	158.0	79.42	157.4	79.74	156.2	80.40
	-24.8	-25	188.0	81.66	186.6	82.40	185.0	83.14	184.6	83.50	183.8	83.86	182.4	84.58
	-21.8	-22	204.6	83.88	203.2	84.68	201.8	85.46	201.0	85.84	200.2	86.22	198.8	86.98
	-19.8	-20	216.6	85.38	215.0	86.20	213.4	87.00	212.6	87.40	211.8	87.82	210.2	88.58
	-18.8	-19	222.6	86.12	220.8	86.96	219.2	87.78	218.4	88.18	217.6	88.60	216.2	89.40
	-16.7	-17	235.0	87.64	233.4	88.48	231.8	89.36	230.8	89.78	230.0	90.18	228.4	91.02
	-15	-15.9	242.6	88.52	240.8	89.40	239.2	90.26	238.4	90.68	237.4	91.10	235.8	91.94
	-13.7	-15	249.8	89.32	248.2	90.24	246.4	91.12	245.6	91.56	244.8	92.00	243.2	92.86
	-11.8	-13	262.4	90.72	260.4	91.64	258.6	92.56	257.6	93.02	256.8	93.46	255.0	94.34
	-9.8	-11	276.6	92.26	274.6	93.22	272.6	94.16	271.8	94.62	270.6	95.08	268.8	95.96
	-9.5	-10	283.4	92.98	281.4	93.96	279.4	94.90	278.4	95.36	277.4	95.84	275.4	96.74
	-8.5	-9.1	290.4	93.70	288.0	94.66	286.0	95.64	285.0	96.10	284.0	96.58	282.0	97.50
	-7	-7.6	301.8	94.88	299.6	95.88	297.6	96.86	296.4	97.34	295.2	97.82	293.2	98.76
	-5	-5.6	318.0	96.46	315.6	97.50	313.2	98.52	312.2	99.00	311.0	99.52	308.6	100.5
	-3	-3.7	333.8	98.00	331.4	99.08	329.0	100.1	327.8	100.6	326.6	101.1	324.2	102.1
	0	-0.7	359.8	100.5	357.4	101.6	354.6	102.7	353.2	103.2	352.0	103.7	329.6	96.28
	3	2.2	386.2	102.9	383.0	104.0	376.8	103.6	365.0	99.92	353.0	96.24	329.6	89.02
	5	4.1	401.0	103.5	377.2	96.42	353.6	89.54	341.6	86.14	329.8	82.78	305.8	76.20
	7	6	377.8	89.36	353.8	82.94	329.8	76.66	317.8	73.56	305.6	70.50	281.4	64.48
	9	7.9	353.8	76.38	329.6	70.60	305.2	64.92	293.0	62.14	280.6	59.38	256.2	53.94
	11	9.8	328.8	64.66	304.4	59.48	279.8	54.40	267.6	51.92	255.0	49.42	230.0	44.54
	13	11.8	303.2	53.98	278.4	49.40	253.4	44.90	241.0	42.68	228.4	40.48	203.2	36.14
	15	13.7	276.4	44.62	251.4	40.60	226.2	36.62	213.6	34.66	200.8	32.72	175.2	28.88
120	-30	-30.2	160.4	78.12	159.2	78.78	158.0	79.42	157.4	79.74	157.0	80.08	155.8	80.70
	-24.8	-25	187.0	82.10	185.8	82.84	184.2	83.58	183.8	83.94	183.0	84.28	181.6	84.98
	-21.8	-22	203.8	84.42	202.2	85.20	200.8	85.96	200.0	86.34	199.2	86.72	198.0	87.46
	-19.8	-20	215.4	85.96	213.8	86.78	212.2	87.56	211.4	87.96	210.8	88.34	209.2	89.10
	-18.8	-19	221.4	86.74	219.6	87.56	218.0	88.36	217.4	88.78	216.6	89.18	215.0	89.94
	-16.7	-17	233.8	88.30	232.2	89.14	230.4	90.00	229.6	90.40	228.8	90.80	227.2	91.62
	-15	-15.9	241.2	89.22	239.6	90.08	237.8	90.94	236.8	91.36	236.0	91.76	234.4	92.60
	-13.7	-15	248.4	90.08	246.6	90.98	245.0	91.86	244.2	92.30	243.2	92.70	241.6	93.56
	-11.8	-13	260.8	91.54	258.8	92.46	257.0	93.34	256.0	93.78	255.2	94.22	253.4	95.08
	-9.8	-11	274.8	93.14	272.6	94.08	270.8	95.00	269.8	95.44	268.8	95.90	267.0	96.78
	-9.5	-10	281.4	93.90	279.6	94.86	277.6	95.78	276.4	96.24	275.6	96.70	273.6	97.58
	-8.5	-9.1	288.4	94.66	286.0	95.62	284.0	96.54	283.0	97.02	282.2	97.48	280.2	98.38
	-7	-7.6	299.6	95.88	297.4	96.88	295.2	97.84	294.2	98.32	293.2	98.78	291.0	99.68
	-5	-5.6	315.2	97.58	313.0	98.60	310.8	99.58	309.8	100.1	308.6	100.5	304.4	100.5
	-3	-3.7	331.0	99.22	328.6	100.3	326.2	101.3	325.0	101.8	324.0	102.2	304.4	95.42
	0	-0.7	356.6	101.9	354.0	102.9	347.6	102.4	337.0	98.72	326.0	95.10	304.4	87.98
	3	2.2	382.2	104.4	369.4	101.3	347.6	94.58	337.0	91.22	326.0	87.92	304.4	81.44
	5	4.1	370.2	94.36	348.4	88.04	326.4	81.86	315.4	78.80	304.4	75.78	282.4	69.84
	7	6	348.8	81.60	326.6	75.82	304.4	70.20	293.2	67.40	282.2	64.66	259.8	59.22
	9	7.9	326.6	69.88	304.0	64.70	281.8	59.60	270.6	57.08	259.2	54.58	236.4	49.66
	11	9.8	303.6	59.30	281.0	54.64	258.4	50.06	246.8	47.82	235.4	45.58	212.4	41.14
	13	11.8	279.8	49.66	256.8	45.50	234.0	41.44	222.4	39.44	210.8	37.46	187.4	33.52

43. ARUM920LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	255.2	41.18	232.0	37.54	208.8	33.94	197.0	32.18	185.4	30.40	161.6	26.94
110	-30	-30.2	159.6	78.52	158.6	79.18	157.4	79.82	156.8	80.14	156.2	80.44	155.0	81.08
	-24.8	-25	186.2	82.64	184.6	83.36	183.4	84.08	182.6	84.42	182.0	84.78	180.8	85.46
	-21.8	-22	202.6	85.02	201.0	85.80	199.6	86.56	198.8	86.92	198.0	87.30	196.8	88.02
	-19.8	-20	214.2	86.64	212.6	87.44	211.0	88.22	210.2	88.60	209.6	88.98	208.0	89.74
	-18.8	-19	220.0	87.44	218.4	88.26	216.8	89.04	216.0	89.44	215.2	89.84	213.8	90.58
	-16.7	-17	232.2	89.08	230.6	89.92	228.8	90.74	228.0	91.14	227.2	91.54	225.6	92.32
	-15	-15.9	239.6	90.04	238.0	90.88	236.2	91.72	235.4	92.14	234.6	92.54	233.0	93.34
	-13.7	-15	246.8	90.96	245.0	91.82	243.4	92.70	242.4	93.12	241.6	93.52	240.0	94.36
	-11.8	-13	258.8	92.46	256.8	93.38	255.2	94.24	254.2	94.66	253.4	95.08	251.4	95.92
	-9.8	-11	272.6	94.16	270.6	95.08	268.8	95.98	267.8	96.40	266.8	96.84	264.8	97.70
	-9.5	-10	279.2	94.96	277.2	95.88	275.2	96.80	274.4	97.24	273.4	97.68	271.4	98.54
	-8.5	-9.1	285.8	95.76	283.8	96.70	281.8	97.62	280.6	98.06	279.8	98.50	277.8	99.38
	-7	-7.6	297.0	97.08	294.8	98.02	292.8	98.98	291.8	99.42	290.6	99.88	279.0	96.04
	-5	-5.6	312.4	98.86	310.2	99.86	307.8	100.8	306.8	101.3	299.0	98.46	279.0	91.08
	-3	-3.7	327.8	100.6	325.4	101.6	318.6	100.6	308.8	97.02	299.0	93.50	279.0	86.56
	0	-0.7	352.8	103.4	338.6	99.32	318.6	92.72	308.8	89.48	299.0	86.24	279.0	79.92
	3	2.2	358.4	97.94	338.6	91.78	318.6	85.76	308.8	82.78	299.0	79.84	279.0	74.06
	5	4.1	339.4	85.50	319.4	79.90	299.2	74.38	289.0	71.66	279.0	68.98	258.8	63.64
	7	6	319.6	74.06	299.4	68.94	279.0	63.90	268.8	61.42	258.6	58.94	238.0	54.10
	9	7.9	299.4	63.56	278.8	58.94	258.4	54.38	248.0	52.14	237.6	49.92	216.6	45.50
	11	9.8	278.2	54.10	257.6	49.92	236.8	45.82	226.2	43.80	215.8	41.80	194.8	37.84
	13	11.8	256.4	45.42	235.4	41.72	214.6	38.08	204.0	36.26	193.2	34.50	171.8	30.94
	15	13.7	233.8	37.80	212.8	34.54	191.4	31.30	180.6	29.72	169.8	28.12	148.0	25.00
100	-30	-30.2	158.8	79.00	157.6	79.64	156.6	80.28	155.8	80.58	155.4	80.90	154.2	81.52
	-24.8	-25	185.0	83.28	183.4	83.98	182.2	84.68	181.6	85.02	181.0	85.38	179.6	86.04
	-21.8	-22	201.2	85.76	199.6	86.52	198.4	87.26	197.6	87.60	196.8	87.96	195.6	88.70
	-19.8	-20	212.6	87.44	211.0	88.22	209.6	88.96	208.8	89.36	208.0	89.72	206.4	90.46
	-18.8	-19	218.4	88.28	216.8	89.08	215.2	89.84	214.6	90.24	213.8	90.62	212.2	91.36
	-16.7	-17	230.4	90.00	228.8	90.80	227.2	91.62	226.4	92.02	225.6	92.40	224.0	93.16
	-15	-15.9	237.6	91.02	236.0	91.84	234.2	92.64	233.4	93.04	232.6	93.44	231.0	94.22
	-13.7	-15	244.8	91.98	243.2	92.84	241.6	93.66	240.8	94.08	240.0	94.50	238.4	95.28
	-11.8	-13	256.4	93.56	254.8	94.44	253.0	95.30	252.0	95.70	251.0	96.10	249.4	96.92
	-9.8	-11	270.0	95.36	268.2	96.26	266.4	97.14	265.2	97.54	264.4	97.98	253.4	94.16
	-9.5	-10	276.4	96.22	274.6	97.10	272.6	97.98	271.8	98.42	270.8	98.86	253.4	91.92
	-8.5	-9.1	283.0	97.06	281.0	97.98	279.0	98.86	278.0	99.28	271.8	97.00	253.4	89.78
	-7	-7.6	294.0	98.46	291.8	99.38	289.8	100.3	280.6	96.74	271.8	93.24	253.4	86.36
	-5	-5.6	309.0	100.4	306.8	101.3	289.8	95.08	280.6	91.74	271.8	88.46	253.4	81.96
	-3	-3.7	324.0	102.2	307.8	96.72	289.8	90.32	280.6	87.18	271.8	84.06	253.4	77.94
	0	-0.7	326.0	95.10	307.8	89.16	289.8	83.36	280.6	80.48	271.8	77.66	253.4	72.06
	3	2.2	326.0	87.92	307.8	82.50	289.8	77.20	280.6	74.58	271.8	71.98	253.4	66.84
	5	4.1	308.6	76.94	290.2	71.98	272.0	67.10	263.0	64.70	253.8	62.30	235.4	57.58
	7	6	290.6	66.74	272.2	62.22	253.8	57.78	244.4	55.56	235.0	53.40	216.6	49.08
	9	7.9	272.2	57.44	253.4	53.34	234.6	49.32	225.4	47.32	215.8	45.34	197.0	41.44
	11	9.8	253.0	49.02	234.2	45.34	215.2	41.70	205.8	39.90	196.2	38.12	177.0	34.58
	13	11.8	233.0	41.30	214.2	38.02	195.0	34.76	185.4	33.16	175.6	31.58	156.2	28.42
	15	13.7	212.6	34.52	193.4	31.60	174.0	28.74	164.4	27.30	154.4	25.90	134.6	23.10

43. ARUM920LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	157.8	79.58	156.6	80.22	155.4	80.84	155.0	81.14	154.4	81.44	153.4	82.06
	-24.8	-25	183.4	84.02	182.2	84.72	180.8	85.40	180.2	85.74	179.6	86.08	178.4	86.74
	-21.8	-22	199.6	86.64	198.0	87.36	196.8	88.08	196.0	88.44	195.2	88.78	194.0	89.48
	-19.8	-20	210.6	88.40	209.2	89.14	207.6	89.88	206.8	90.26	206.4	90.62	204.8	91.32
	-18.8	-19	216.4	89.28	214.8	90.06	213.4	90.80	212.6	91.18	211.8	91.54	210.4	92.26
	-16.7	-17	228.4	91.10	226.8	91.88	225.0	92.68	224.2	93.04	223.4	93.42	222.0	94.16
	-15	-15.9	235.2	92.16	233.6	92.96	232.2	93.74	231.4	94.14	230.6	94.52	228.2	94.86
	-13.7	-15	242.4	93.22	240.8	94.04	239.2	94.84	238.4	95.24	237.6	95.64	228.2	92.04
	-11.8	-13	253.8	94.88	252.0	95.70	250.2	96.54	249.4	96.96	244.6	95.10	228.2	88.04
	-9.8	-11	267.0	96.80	265.2	97.64	260.8	97.18	252.6	93.78	244.6	90.42	228.2	83.82
	-9.5	-10	273.4	97.70	271.4	98.56	260.8	94.86	252.6	91.56	244.6	88.28	228.2	81.86
	-8.5	-9.1	279.6	98.58	277.2	99.18	260.8	92.64	252.6	89.44	244.6	86.26	228.2	79.98
	-7	-7.6	290.2	100.1	277.2	95.34	260.8	89.10	252.6	86.02	244.6	82.98	228.2	76.96
	-5	-5.6	293.4	96.42	277.2	90.44	260.8	84.54	252.6	81.64	244.6	78.76	228.2	73.10
	-3	-3.7	293.4	91.60	277.2	85.94	260.8	80.38	252.6	77.64	244.6	74.92	228.2	69.56
	0	-0.7	293.4	84.52	277.2	79.34	260.8	74.26	252.6	71.78	244.6	69.30	228.2	64.42
	3	2.2	293.4	78.26	277.2	73.52	260.8	68.90	252.6	66.62	244.6	64.34	228.2	59.86
	5	4.1	277.6	68.62	261.4	64.28	244.8	60.02	236.6	57.90	228.4	55.80	211.6	51.66
	7	6	261.4	59.66	245.0	55.70	228.4	51.80	220.0	49.88	211.6	47.96	194.8	44.18
	9	7.9	245.0	51.48	228.2	47.90	211.2	44.36	202.8	42.62	194.4	40.88	177.4	37.44
	11	9.8	227.6	44.08	210.8	40.84	193.6	37.64	185.2	36.08	176.6	34.50	159.4	31.38
	13	11.8	209.8	37.28	192.8	34.40	175.6	31.56	166.8	30.14	158.2	28.74	140.6	25.94
	15	13.7	191.4	31.30	174.0	28.74	156.8	26.22	148.0	24.96	139.0	23.72	121.2	21.24
80	-30	-30.2	156.6	80.28	155.4	80.88	154.2	81.50	153.8	81.80	153.2	82.10	152.2	82.70
	-24.8	-25	181.8	84.94	180.4	85.60	179.2	86.26	178.4	86.60	178.0	86.92	176.8	87.58
	-21.8	-22	197.4	87.70	196.0	88.40	194.6	89.10	194.0	89.44	193.4	89.76	192.2	90.44
	-19.8	-20	208.4	89.54	206.8	90.28	205.6	91.02	204.8	91.36	204.0	91.72	202.6	92.36
	-18.8	-19	214.0	90.50	212.6	91.24	211.0	91.98	210.2	92.32	209.6	92.68	202.8	90.20
	-16.7	-17	225.6	92.42	224.0	93.18	222.4	93.94	221.8	94.30	217.4	92.56	202.8	85.84
	-15	-15.9	232.4	93.56	231.0	94.34	229.2	95.08	224.6	93.18	217.4	89.86	202.8	83.26
	-13.7	-15	239.6	94.70	237.8	95.50	231.8	93.70	224.6	90.40	217.4	87.16	202.8	80.78
	-11.8	-13	250.4	96.48	246.4	95.92	231.8	89.62	224.6	86.48	217.4	83.36	202.8	77.28
	-9.8	-11	260.8	97.18	246.4	91.18	231.8	85.28	224.6	82.36	217.4	79.48	202.8	73.74
	-9.5	-10	260.8	94.86	246.4	89.00	231.8	83.26	224.6	80.44	217.4	77.62	202.8	72.08
	-8.5	-9.1	260.8	92.64	246.4	86.96	231.8	81.36	224.6	78.60	217.4	75.84	202.8	70.44
	-7	-7.6	260.8	89.10	246.4	83.64	231.8	78.28	224.6	75.64	217.4	73.02	202.8	67.86
	-5	-5.6	260.8	84.54	246.4	79.42	231.8	74.36	224.6	71.86	217.4	69.38	202.8	64.50
	-3	-3.7	260.8	80.38	246.4	75.54	231.8	70.74	224.6	68.40	217.4	66.06	202.8	61.46
	0	-0.7	260.8	74.26	246.4	69.84	231.8	65.48	224.6	63.34	217.4	61.20	202.8	57.00
	3	2.2	260.8	68.90	246.4	64.84	231.8	60.84	224.6	58.88	217.4	56.90	202.8	53.04
	5	4.1	246.8	60.54	232.2	56.82	217.6	53.12	210.4	51.30	202.8	49.50	188.2	45.94
	7	6	232.6	52.76	217.8	49.36	202.8	46.00	195.6	44.34	188.2	42.70	173.2	39.42
	9	7.9	217.8	45.68	202.8	42.60	187.8	39.54	180.2	38.02	172.8	36.52	157.6	33.54
	11	9.8	202.4	39.26	187.4	36.48	172.2	33.70	164.6	32.34	156.8	30.98	141.6	28.28
	13	11.8	186.6	33.36	171.4	30.86	156.0	28.38	148.4	27.16	140.6	25.94	125.0	23.54
	15	13.7	170.2	28.16	154.8	25.94	139.2	23.74	131.4	22.64	123.6	21.56	107.8	19.40
70	-30	-30.2	155.0	81.18	153.8	81.76	152.8	82.36	152.2	82.66	151.6	82.94	150.8	83.52

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	179.6	86.08	178.4	86.74	177.2	87.38	176.4	87.70	176.0	88.00	174.8	88.62
	-21.8	-22	194.8	89.00	193.4	89.68	192.2	90.36	191.4	90.68	190.2	90.54	177.4	84.02
	-19.8	-20	205.6	90.98	204.0	91.68	202.6	92.36	196.6	89.32	190.2	86.20	177.4	80.00
	-18.8	-19	211.0	92.00	209.4	92.72	202.8	90.20	196.6	87.14	190.2	84.10	177.4	78.08
	-16.7	-17	222.2	94.08	215.4	91.72	202.8	85.84	196.6	82.92	190.2	80.04	177.4	74.34
	-15	-15.9	228.2	94.86	215.4	89.04	202.8	83.26	196.6	80.40	190.2	77.58	177.4	72.02
	-13.7	-15	228.2	92.04	215.4	86.36	202.8	80.78	196.6	78.00	190.2	75.28	177.4	69.88
	-11.8	-13	228.2	88.04	215.4	82.60	202.8	77.28	196.6	74.64	190.2	72.04	177.4	66.90
	-9.8	-11	228.2	83.82	215.4	78.76	202.8	73.74	196.6	71.28	190.2	68.80	177.4	63.90
	-9.5	-10	228.2	81.86	215.4	76.94	202.8	72.08	196.6	69.68	190.2	67.30	177.4	62.62
	-8.5	-9.1	228.2	79.98	215.4	75.18	202.8	70.46	196.6	68.12	190.2	65.80	177.4	61.24
	-7	-7.6	228.2	76.96	215.4	72.36	202.8	67.86	196.6	65.62	190.2	63.40	177.4	59.02
	-5	-5.6	228.2	73.10	215.4	68.76	202.8	64.50	196.6	62.40	190.2	60.30	177.4	56.18
	-3	-3.7	228.2	69.56	215.4	65.50	202.8	61.46	196.6	59.46	190.2	57.48	177.4	53.58
	0	-0.7	228.2	64.42	215.4	60.68	202.8	57.00	196.6	55.16	190.2	53.36	177.4	49.78
	3	2.2	228.2	59.86	215.4	56.44	202.8	53.04	196.6	51.36	190.2	49.72	177.4	46.42
	5	4.1	216.0	52.74	203.2	49.58	190.4	46.46	184.0	44.90	177.6	43.36	164.8	40.32
	7	6	203.4	46.10	190.6	43.22	177.6	40.38	171.0	38.96	164.6	37.56	151.4	34.76
	9	7.9	190.4	40.08	177.4	37.44	164.4	34.84	157.8	33.56	151.2	32.30	138.0	29.74
	11	9.8	177.0	34.58	164.0	32.22	150.6	29.86	144.0	28.70	137.2	27.54	123.8	25.24
	13	11.8	163.2	29.54	149.8	27.42	136.4	25.32	129.8	24.26	123.0	23.22	109.2	21.14
	15	13.7	148.8	25.10	135.4	23.20	121.8	21.34	115.0	20.38	108.2	19.46	94.20	17.62
60	-30	-30.2	152.8	82.32	151.8	82.90	150.8	83.48	150.4	83.76	149.6	84.04	148.8	84.58
	-24.8	-25	176.8	87.56	175.6	88.18	174.0	88.44	168.4	85.48	163.0	82.52	152.2	76.70
	-21.8	-22	191.4	90.68	184.8	87.74	174.0	82.18	168.4	79.44	163.0	76.72	152.2	71.34
	-19.8	-20	195.6	88.86	184.8	83.54	174.0	78.26	168.4	75.68	163.0	73.10	152.2	68.00
	-18.8	-19	195.6	86.70	184.8	81.50	174.0	76.40	168.4	73.86	163.0	71.34	152.2	66.38
	-16.7	-17	195.6	82.52	184.8	77.60	174.0	72.76	168.4	70.34	163.0	67.96	152.2	63.26
	-15	-15.9	195.6	80.02	184.8	75.20	174.0	70.46	168.4	68.12	163.0	65.80	152.2	61.20
	-13.7	-15	195.6	77.62	184.8	72.96	174.0	68.38	168.4	66.10	163.0	63.86	152.2	59.42
	-11.8	-13	195.6	74.28	184.8	69.82	174.0	65.44	168.4	63.28	163.0	61.14	152.2	56.90
	-9.8	-11	195.6	70.90	184.8	66.68	174.0	62.52	168.4	60.46	163.0	58.42	152.2	54.38
	-9.5	-10	195.6	69.34	184.8	65.30	174.0	61.30	168.4	59.32	163.0	57.38	152.2	53.48
	-8.5	-9.1	195.6	67.78	184.8	63.84	174.0	59.96	168.4	58.04	163.0	56.12	152.2	52.32
	-7	-7.6	195.6	65.30	184.8	61.52	174.0	57.78	168.4	55.94	163.0	54.10	152.2	50.48
	-5	-5.6	195.6	62.10	184.8	58.54	174.0	55.00	168.4	53.28	163.0	51.52	152.2	48.12
	-3	-3.7	195.6	59.18	184.8	55.80	174.0	52.48	168.4	50.82	163.0	49.18	152.2	45.96
	0	-0.7	195.6	54.90	184.8	51.82	174.0	48.78	168.4	47.26	163.0	45.76	152.2	42.78
	3	2.2	195.6	51.14	184.8	48.30	174.0	45.50	168.4	44.12	163.0	42.72	152.2	40.00
	5	4.1	185.2	45.16	174.2	42.58	163.2	39.96	157.6	38.68	152.2	37.40	141.2	34.88
	7	6	174.4	39.68	163.4	37.28	152.2	34.90	146.8	33.74	141.0	32.56	130.0	30.26
	9	7.9	163.2	34.64	152.2	32.46	140.8	30.30	135.2	29.22	129.6	28.16	118.2	26.04
	11	9.8	151.8	30.06	140.4	28.10	129.2	26.12	123.4	25.16	117.6	24.20	106.2	22.24
	13	11.8	139.8	25.84	128.4	24.08	117.0	22.30	111.2	21.44	105.4	20.58	93.60	18.82
	15	13.7	127.6	22.12	116.0	20.52	104.4	18.98	98.60	18.18	92.80	17.40	80.80	15.84
50	-30	-30.2	150.0	83.88	149.2	84.44	144.8	82.62	140.4	79.88	135.8	77.16	126.8	71.80
	-24.8	-25	163.0	82.52	154.0	77.66	144.8	72.86	140.4	70.48	135.8	68.12	126.8	63.46

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	163.0	76.72	154.0	72.24	144.8	67.80	140.4	65.60	135.8	63.42	126.8	59.12
	-19.8	-20	163.0	73.10	154.0	68.84	144.8	64.62	140.4	62.56	135.8	60.50	126.8	56.40
	-18.8	-19	163.0	71.36	154.0	67.20	144.8	63.12	140.4	61.08	135.8	59.08	126.8	55.10
	-16.7	-17	163.0	67.96	154.0	64.04	144.8	60.16	140.4	58.26	135.8	56.34	126.8	52.56
	-15	-15.9	163.0	65.80	154.0	61.96	144.8	58.20	140.4	56.32	135.8	54.46	126.8	50.82
	-13.7	-15	163.0	63.86	154.0	60.14	144.8	56.50	140.4	54.70	135.8	52.90	126.8	49.36
	-11.8	-13	163.0	61.14	154.0	57.60	144.8	54.12	140.4	52.40	135.8	50.68	126.8	47.32
	-9.8	-11	163.0	58.42	154.0	55.06	144.8	51.76	140.4	50.12	135.8	48.48	126.8	45.26
	-9.5	-10	163.0	57.38	154.0	54.14	144.8	50.92	140.4	49.34	135.8	47.78	126.8	44.66
	-8.5	-9.1	163.0	56.12	154.0	52.96	144.8	49.86	140.4	48.30	135.8	46.76	126.8	43.72
	-7	-7.6	163.0	54.10	154.0	51.08	144.8	48.08	140.4	46.62	135.8	45.14	126.8	42.24
	-5	-5.6	163.0	51.52	154.0	48.68	144.8	45.86	140.4	44.46	135.8	43.08	126.8	40.32
	-3	-3.7	163.0	49.18	154.0	46.50	144.8	43.84	140.4	42.50	135.8	41.18	126.8	38.58
	0	-0.7	163.0	45.76	154.0	43.28	144.8	40.82	140.4	39.62	135.8	38.40	126.8	36.02
	3	2.2	163.0	42.72	154.0	40.44	144.8	38.20	140.4	37.10	135.8	35.96	126.8	33.76
	5	4.1	154.2	37.90	145.2	35.80	136.0	33.72	131.4	32.68	126.8	31.66	117.6	29.62
	7	6	145.2	33.44	136.0	31.52	126.8	29.62	122.2	28.66	117.6	27.74	108.2	25.84
	9	7.9	136.0	29.38	126.8	27.62	117.4	25.88	112.6	25.00	108.0	24.14	98.60	22.44
	11	9.8	126.4	25.66	117.0	24.06	107.6	22.50	102.8	21.72	98.20	20.92	88.60	19.36
	13	11.8	116.6	22.24	107.0	20.82	97.40	19.38	92.80	18.68	87.80	17.98	78.20	16.56
	15	13.7	106.2	19.22	96.60	17.94	87.00	16.66	82.00	16.02	77.20	15.40	67.40	14.12

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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43.5 Capacity Correction Factor

43.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-60	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-50	-	-	-	-	-	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-40	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-20	-	-	97.0	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
30	-	-	-	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
50	-	-	-	-	-	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
60	-	-	-	-	-	-	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
70	-	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
80	-	-	-	-	-	-	-	-	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

43.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

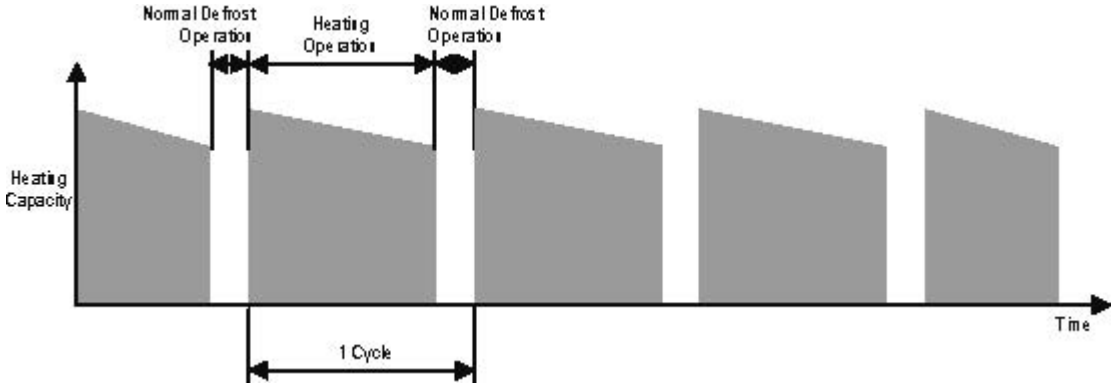
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

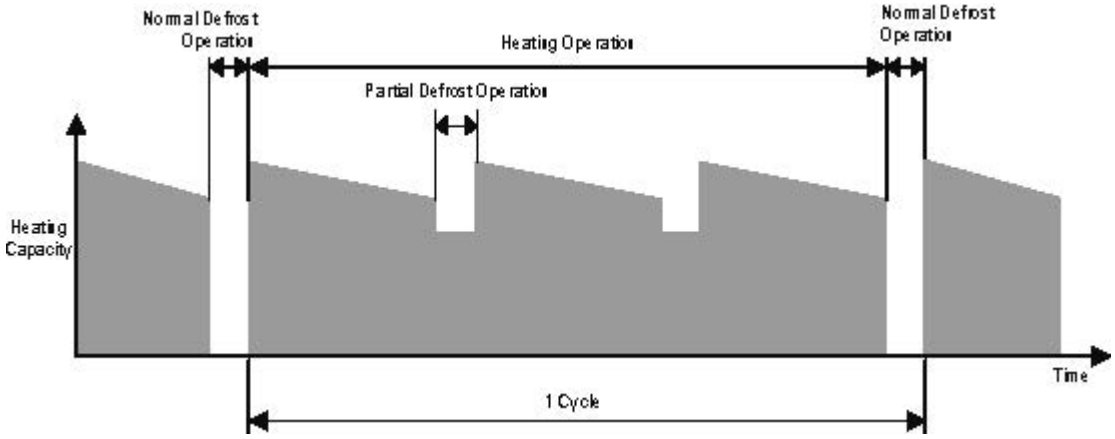
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

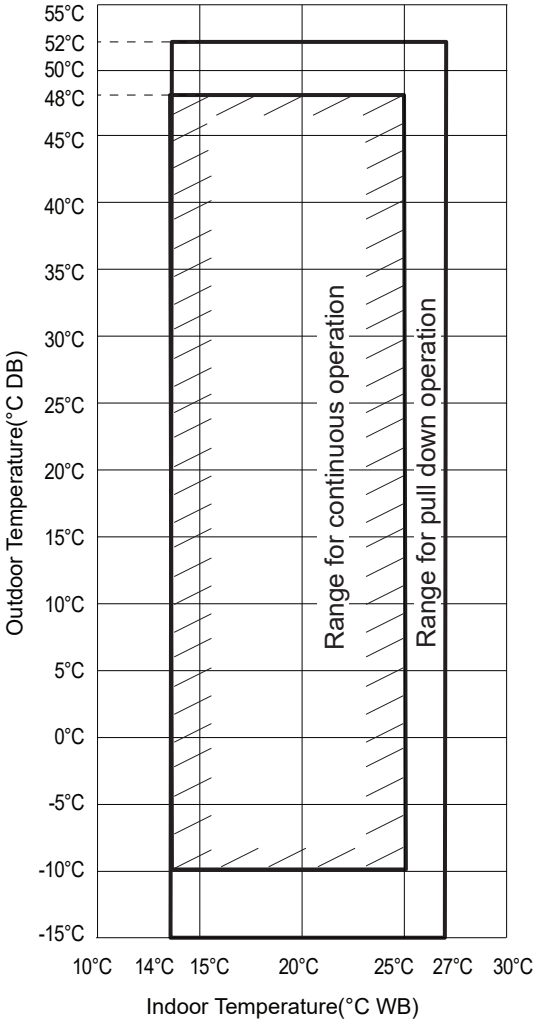


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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43.6 Operation Limits

43.6.1 Cooling

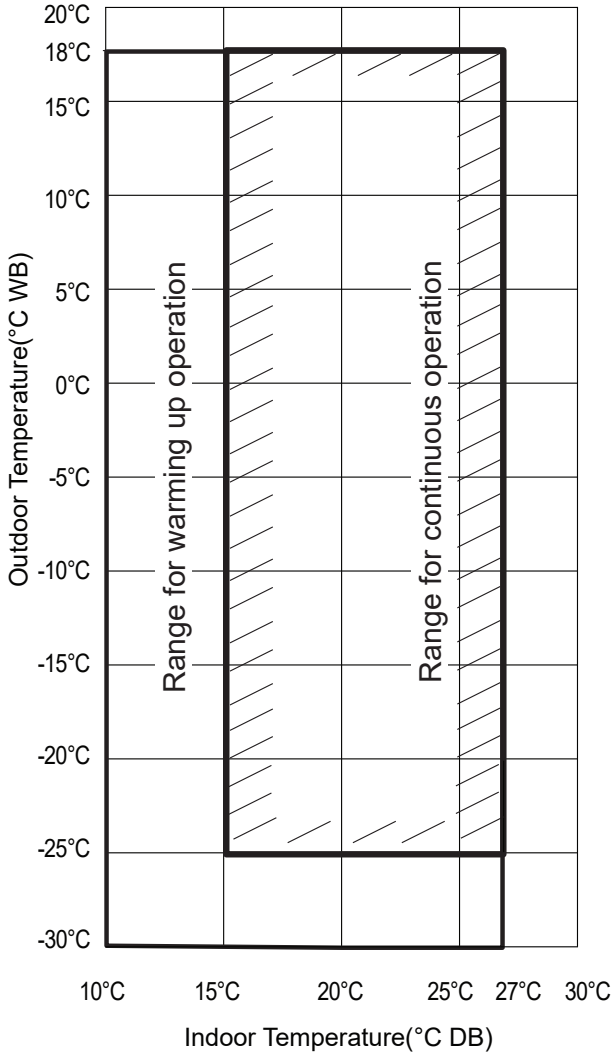


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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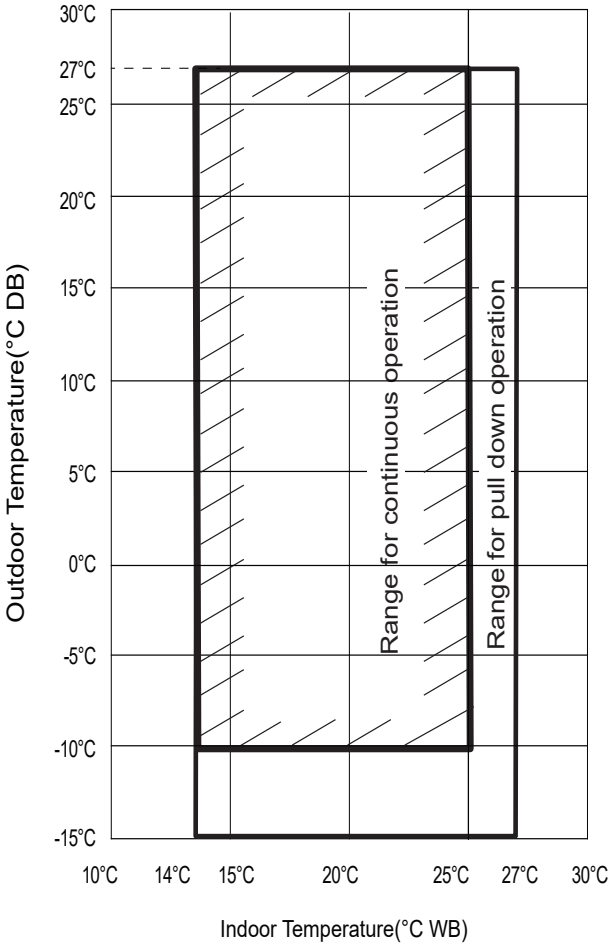
43.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

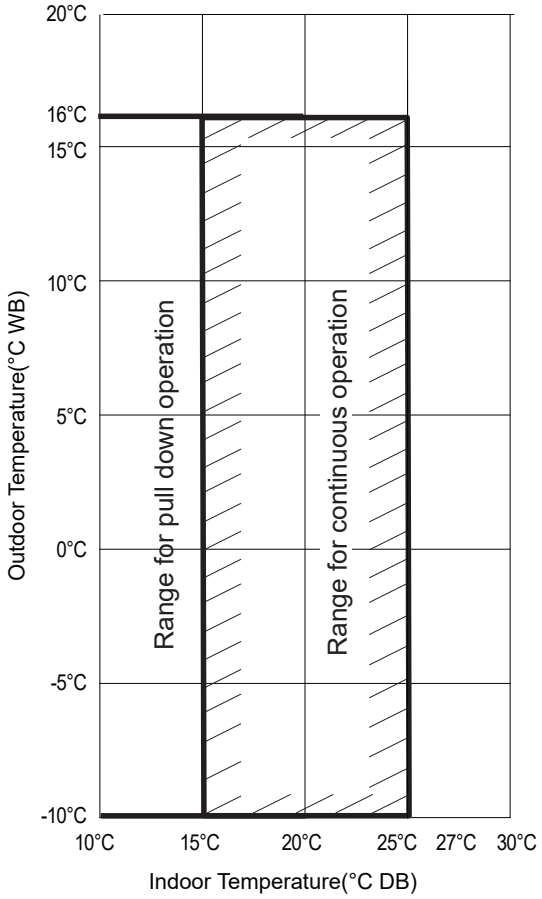
43.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

43.6.4 Simultaneous Operation (Heating)



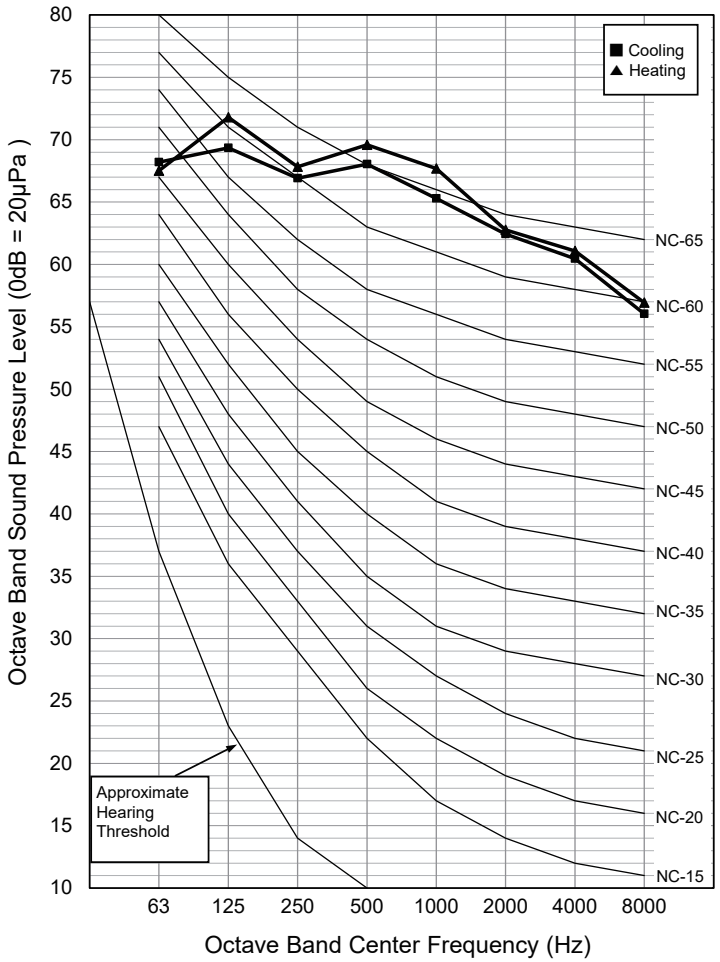
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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43.7 Sound Levels

43.7.1 Pressure Levels



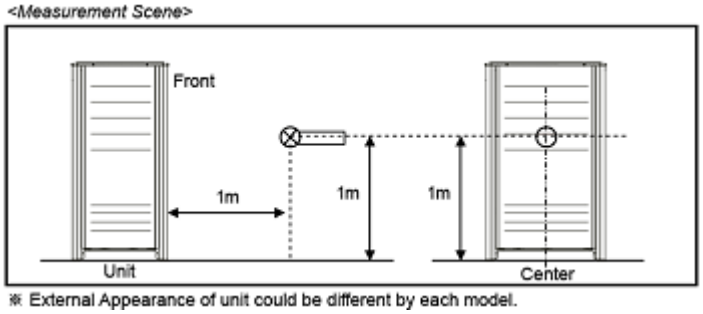
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	68.2	69.3	66.9	68.0	65.3	62.4	60.5	56.0
Heating[dB]	67.5	71.8	67.8	69.6	67.7	62.8	61.1	56.9

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	70.5 / 72.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

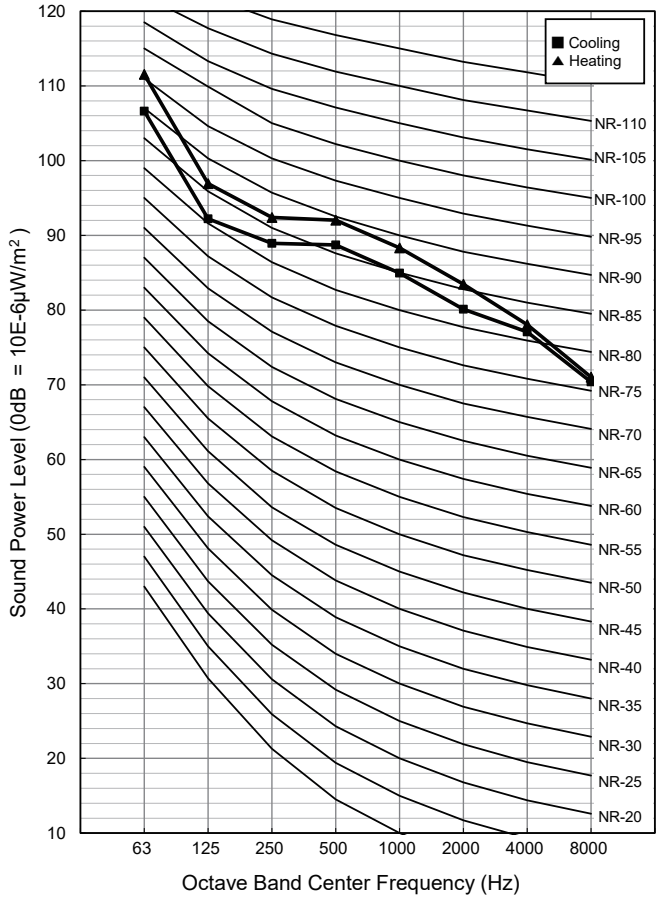
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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43.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	106.6	92.2	88.9	88.7	84.9	80.1	77.1	70.4
Heating[dB]	111.5	96.9	92.4	92.0	88.3	83.5	78.1	71.0

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.5 / 94.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

44. ARUM940LTE6

44.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXC + UXC
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM240LTE6
	Combination Unit (4)	-	ARUM220LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	164.11 - 155.9 - 150.27
	Running Current by Voltage (Heating,Rated)	A	117.28 - 111.42 - 107.39
Cooling Capacity	Rated	kW	263.2
		Btu/h	898,100
Heating Capacity	Rated	kW	263.2
		Btu/h	898,100
	Max	kW	296.1
		Btu/h	1,010,300
Power Input(Cooling)	Rated	kW	100.50
Power Input(Heating)	Rated	kW	71.79
Efficiency	EER(Rated)	W/W	2.62
	COP(Rated)	W/W	3.67
	SEER	Wh/Wh	6.98
	SCOP	Wh/Wh	4.39
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8
	Motor Output	W x No.	5,300 x 8
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	8
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,640 x 1,745 x 760) x 4
	Shipping(W x H x D)	mm	(1,675 x 1,919 x 802) x 4
Weight	Net	kg	(400 x 1) + (400 x 1) + (400 x 1) + (400 x 1)
	Shipping	kg	(410 x 1) + (410 x 1) + (410 x 1) + (410 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	64.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	133.600
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	70.8 / 72.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	90.8 / 94.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	208.7
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	234.0
	Comp_Maximum Starting Current (MSC)	A	47.2
	Comp_Rated Load Amperes (Cooling)	A	144.1
	Comp_Rated Load Amperes (Heating)	A	97.3
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	20.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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44.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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44.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

■ O: Possible, X: Impossible, - : Unconfirmed or irrelevant
■ * : Some advanced functions controlled by individual controller cannot be operated.
■ If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
■ AC Manager requires ACP or AC Smart.
■ If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
(http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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44.4 Capacity Tables

44.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	205.6	24.71	259.6	34.92	317.6	51.68	341.9	60.92	369.4	71.23	392.9	80.06	411.3	87.20
	12	205.6	27.11	259.6	38.59	317.6	56.92	341.9	66.82	369.4	77.27	392.9	86.20	411.3	93.31
	14	205.6	29.75	259.6	42.64	317.6	62.62	341.9	73.02	369.4	83.76	392.9	92.82	411.3	99.97
	16	205.6	32.72	259.6	47.11	317.6	68.86	341.9	79.65	369.4	90.73	392.9	99.98	411.3	107.2
	18	205.6	36.01	259.6	51.97	317.6	75.68	341.9	86.81	369.4	98.24	392.9	107.5	411.3	113.5
	20	205.6	39.61	259.6	57.33	317.6	83.12	341.9	94.58	369.4	104.7	392.9	112.3	411.3	117.9
	21	205.6	41.57	259.6	60.17	317.6	87.13	341.9	97.42	369.4	107.1	392.9	114.7	411.3	120.2
	23	205.6	45.78	259.6	66.30	317.6	92.95	341.9	102.6	369.4	112.2	392.9	119.8	411.3	125.1
	25	205.6	50.38	259.6	71.56	317.6	98.36	341.9	108.0	369.4	117.7	392.9	125.3	411.3	130.7
	27	205.6	54.68	259.6	76.21	317.6	103.9	341.9	113.6	369.4	123.6	392.9	131.5	411.3	136.9
	29	205.6	58.30	259.6	81.17	317.6	109.8	341.9	119.7	369.4	130.1	392.9	138.3	408.6	143.2
	31	205.6	62.15	259.6	86.51	317.6	116.2	341.9	126.3	369.4	137.3	392.9	146.1	404.4	149.8
	33	205.6	66.27	259.6	92.23	317.6	123.0	341.9	133.6	369.4	145.4	389.3	153.6	390.4	154.1
	35	205.6	70.66	259.6	98.40	317.6	130.2	341.9	141.6	365.2	152.6	365.1	152.6	365.5	152.7
	37	205.6	75.35	259.6	105.1	317.6	138.1	340.1	149.7	340.4	149.9	340.3	149.8	340.3	149.9
	39	205.6	80.35	259.6	112.4	315.8	146.0	316.0	146.2	316.0	146.1	315.6	146.0	315.6	145.9
	41	205.6	85.70	259.6	120.4	292.4	141.7	292.1	141.7	292.0	141.6	291.8	141.6	292.0	141.6
	43	205.6	91.47	259.6	129.3	269.0	135.9	268.7	135.9	268.7	135.8	268.7	135.9	268.7	135.9
	46	205.6	101.0	236.4	124.0	235.8	123.8	236.1	123.8	235.7	123.7	235.7	123.7	235.8	123.7
	48	205.6	108.1	215.2	115.6	215.1	115.6	215.1	115.5	214.8	115.4	215.1	115.6	214.8	115.5
	50	195.8	108.3	195.7	108.2	195.4	108.2	195.4	108.0	195.3	108.1	195.0	107.9	195.4	108.1
	52	175.1	96.77	176.8	92.67	176.8	88.57	176.6	87.73	176.8	86.79	176.8	86.03	176.8	85.50
120	10	189.6	22.53	239.7	30.61	293.0	43.81	315.7	51.04	341.1	60.55	362.7	68.68	379.6	75.03
	12	189.6	24.58	239.7	33.81	293.0	48.36	315.7	56.21	341.1	66.41	362.7	74.64	379.6	81.11
	14	189.6	26.87	239.7	37.29	293.0	53.37	315.7	61.87	341.1	72.66	362.7	81.10	379.6	87.64
	16	189.6	29.43	239.7	41.18	293.0	58.81	315.7	68.04	341.1	79.29	362.7	88.07	379.6	94.73
	18	189.6	32.27	239.7	45.43	293.0	64.78	315.7	74.78	341.1	86.41	362.7	95.50	379.6	102.4
	20	189.6	35.44	239.7	50.11	293.0	71.33	315.7	82.17	341.1	94.17	362.7	102.3	379.6	108.1
	21	189.6	37.16	239.7	52.63	293.0	74.81	315.7	86.12	341.1	97.03	362.7	104.8	379.6	110.5
	23	189.6	40.85	239.7	58.00	293.0	81.38	315.7	92.03	341.1	102.2	362.7	109.9	379.6	115.5
	25	189.6	44.91	239.7	63.47	293.0	86.55	315.7	97.61	341.1	107.6	362.7	115.3	379.6	121.1
	27	189.6	49.22	239.7	67.68	293.0	92.12	315.7	103.1	341.1	113.3	362.7	121.2	379.6	127.1
	29	189.6	52.49	239.7	72.14	293.0	98.10	315.7	109.0	341.1	119.4	362.7	127.6	379.6	133.7
	31	189.6	55.96	239.7	76.88	293.0	104.5	315.7	115.3	341.1	126.0	362.7	134.6	379.6	141.2
	33	189.6	59.66	239.7	81.95	293.0	111.5	315.7	122.2	341.1	133.2	362.7	142.5	379.6	149.7
	35	189.6	63.63	239.7	87.40	293.0	118.2	315.7	129.3	341.1	141.2	362.7	151.4	365.5	152.7
	37	189.6	67.86	239.7	93.23	293.0	125.5	315.7	137.2	339.9	149.5	340.4	149.9	340.3	149.9
	39	189.6	72.34	239.7	99.55	293.0	133.5	315.4	145.8	316.0	146.2	315.9	146.1	316.0	146.2
	41	189.6	77.16	239.7	106.4	292.4	141.7	292.2	141.6	292.1	141.7	292.1	141.7	292.0	141.6
	43	189.6	82.31	239.7	113.9	269.1	135.9	268.7	135.9	269.0	135.9	268.7	136.0	268.7	135.8
	46	189.6	90.74	236.1	123.9	236.1	123.7	236.1	123.7	236.1	123.9	235.7	123.8	235.8	123.7
	48	189.6	96.92	215.5	115.7	215.1	115.5	215.2	115.7	215.1	115.5	214.8	115.4	215.2	115.6
	50	189.6	103.6	195.8	108.1	195.4	108.0	195.4	108.0	195.4	108.0	195.1	108.0	195.4	108.1
	52	174.5	98.13	176.3	94.42	176.8	90.25	176.8	89.42	176.5	88.50	176.9	87.89	176.8	87.50
110	10	173.9	20.61	219.7	26.96	268.7	37.13	289.4	42.69	312.6	49.99	332.5	57.14	348.1	63.34
	12	173.9	22.36	219.7	29.64	268.7	41.06	289.4	47.16	312.6	55.08	332.5	62.78	348.1	69.09
	14	173.9	24.31	219.7	32.65	268.7	45.35	289.4	52.05	312.6	60.63	332.5	68.94	348.1	75.30

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	173.9	26.52	219.7	35.97	268.7	50.06	289.4	57.41	312.6	66.72	332.5	75.65	348.1	82.03
	18	173.9	28.97	219.7	39.65	268.7	55.26	289.4	63.23	312.6	73.38	332.5	82.85	348.1	89.33
	20	173.9	31.72	219.7	43.70	268.7	60.89	289.4	69.63	312.6	80.63	332.5	90.39	348.1	96.91
	21	173.9	33.18	219.7	45.88	268.7	63.92	289.4	73.07	312.6	84.53	332.5	93.69	348.1	99.68
	23	173.9	36.40	219.7	50.53	268.7	70.39	289.4	79.66	312.6	90.55	332.5	98.89	348.1	104.8
	25	173.9	39.96	219.7	55.66	268.7	75.44	289.4	84.80	312.6	96.23	332.5	104.3	348.1	110.1
	27	173.9	43.88	219.7	59.83	268.7	80.36	289.4	90.25	312.6	101.9	332.5	110.0	348.1	115.8
	29	173.9	47.08	219.7	63.79	268.7	85.59	289.4	96.09	312.6	107.7	332.5	116.0	348.1	122.0
	31	173.9	50.19	219.7	67.99	268.7	91.19	289.4	102.4	312.6	113.9	332.5	122.5	348.1	128.8
	33	173.9	53.50	219.7	72.49	268.7	97.25	289.4	109.3	312.6	120.7	332.5	129.5	348.1	136.2
	35	173.9	57.05	219.7	77.30	268.7	103.8	289.4	116.4	312.6	127.9	332.5	137.1	348.1	144.4
	37	173.9	60.83	219.7	82.41	268.7	110.9	289.4	123.5	312.6	135.7	332.5	145.7	340.7	149.9
	39	173.9	64.88	219.7	87.91	268.7	118.7	289.4	131.4	312.6	144.2	316.0	146.0	316.0	146.1
	41	173.9	69.20	219.7	93.85	268.7	127.4	289.4	140.0	292.2	141.6	291.8	141.6	292.1	141.6
	43	173.9	73.79	219.7	100.3	268.7	135.7	269.1	135.9	268.7	135.8	269.1	136.1	269.0	136.0
	46	173.9	81.31	219.7	110.9	236.1	123.8	236.0	123.8	235.8	123.7	235.8	123.7	235.7	123.7
	48	173.9	86.75	215.5	115.7	215.2	115.6	215.2	115.6	215.2	115.5	214.9	115.5	214.8	115.4
	50	173.9	92.63	195.8	108.3	195.5	108.1	195.4	108.1	195.4	108.0	195.4	108.1	195.4	108.2
	52	173.9	98.94	175.4	96.20	177.2	92.37	176.8	91.50	176.9	90.64	176.9	89.83	176.8	88.83
100	10	158.2	19.02	199.7	23.85	244.4	31.58	263.2	35.78	284.3	41.22	302.3	46.58	316.4	51.26
	12	158.2	20.47	199.7	26.13	244.4	34.86	263.2	39.53	284.3	45.57	302.3	51.40	316.4	56.43
	14	158.2	22.11	199.7	28.65	244.4	38.49	263.2	43.69	284.3	50.29	302.3	56.65	316.4	62.13
	16	158.2	23.95	199.7	31.44	244.4	42.51	263.2	48.24	284.3	55.49	302.3	62.39	316.4	68.31
	18	158.2	26.02	199.7	34.57	244.4	46.91	263.2	53.22	284.3	61.16	302.3	68.70	316.4	75.08
	20	158.2	28.35	199.7	38.02	244.4	51.73	263.2	58.69	284.3	67.36	302.3	75.56	316.4	82.51
	21	158.2	29.61	199.7	39.86	244.4	54.34	263.2	61.61	284.3	70.69	302.3	79.24	316.4	86.49
	23	158.2	32.37	199.7	43.88	244.4	59.89	263.2	67.85	284.3	77.33	302.3	85.58	316.4	92.37
	25	158.2	35.44	199.7	48.29	244.4	65.35	263.2	73.04	284.3	82.40	302.3	90.99	316.4	97.86
	27	158.2	38.85	199.7	52.59	244.4	69.63	263.2	77.78	284.3	87.70	302.3	96.79	316.4	103.4
	29	158.2	42.07	199.7	56.08	244.4	74.20	263.2	82.85	284.3	93.39	302.3	103.1	316.4	109.3
	31	158.2	44.80	199.7	59.78	244.4	79.09	263.2	88.30	284.3	99.52	302.3	109.3	316.4	115.6
	33	158.2	47.73	199.7	63.75	244.4	84.31	263.2	94.13	284.3	106.2	302.3	115.8	316.4	122.5
	35	158.2	50.89	199.7	67.98	244.4	89.91	263.2	100.4	284.3	113.4	302.3	122.8	316.4	129.6
	37	158.2	54.29	199.7	72.49	244.4	95.94	263.2	107.3	284.3	120.8	302.3	130.4	316.4	137.5
	39	158.2	57.88	199.7	77.30	244.4	102.5	263.2	114.8	284.3	128.4	302.3	138.6	315.5	145.9
	41	158.2	61.74	199.7	82.46	244.4	109.6	263.2	123.1	284.3	136.8	292.4	141.7	292.1	141.6
	43	158.2	65.84	199.7	87.96	244.4	117.4	263.2	132.1	269.1	136.0	268.7	135.9	268.7	135.8
	46	158.2	72.56	199.7	97.06	236.1	123.9	236.1	123.8	235.7	123.6	235.7	123.6	235.8	123.7
	48	158.2	77.39	199.7	103.8	215.5	115.6	215.2	115.6	215.1	115.5	215.1	115.4	215.1	115.5
	50	158.2	82.56	196.1	108.3	195.7	108.2	195.4	108.0	195.7	108.2	195.7	108.2	195.4	108.2
	52	158.2	88.11	175.2	97.30	176.3	94.42	176.8	93.22	176.9	91.94	176.8	90.68	176.9	89.81
90	10	142.2	17.66	179.8	21.28	219.8	27.00	236.9	30.08	255.8	34.06	272.2	37.96	284.7	41.37
	12	142.2	18.85	179.8	23.12	219.8	29.71	236.9	33.17	255.8	37.65	272.2	41.97	284.7	45.69
	14	142.2	20.18	179.8	25.21	219.8	32.69	236.9	36.61	255.8	41.59	272.2	46.37	284.7	50.47
	16	142.2	21.71	179.8	27.54	219.8	36.05	236.9	40.40	255.8	45.94	272.2	51.19	284.7	55.67
	18	142.2	23.43	179.8	30.14	219.8	39.72	236.9	44.60	255.8	50.69	272.2	56.47	284.7	61.35
	20	142.2	25.38	179.8	33.02	219.8	43.78	236.9	49.16	255.8	55.90	272.2	62.25	284.7	67.58
	21	142.2	26.45	179.8	34.58	219.8	45.96	236.9	51.64	255.8	58.69	272.2	65.32	284.7	70.92
	23	142.2	28.76	179.8	37.96	219.8	50.63	236.9	56.90	255.8	64.67	272.2	71.94	284.7	77.56
	25	142.2	31.37	179.8	41.71	219.8	55.77	236.9	62.38	255.8	70.00	272.2	76.92	284.7	82.63
	27	142.2	34.28	179.8	45.82	219.8	59.94	236.9	66.54	255.8	74.57	272.2	81.88	284.7	87.93

44. ARUM940LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	142.2	37.39	179.8	49.02	219.8	63.87	236.9	70.92	255.8	79.45	272.2	87.22	284.7	93.65
	31	142.2	39.79	179.8	52.25	219.8	68.10	236.9	75.61	255.8	84.65	272.2	92.94	284.7	99.79
	33	142.2	42.38	179.8	55.69	219.8	72.60	236.9	80.58	255.8	90.25	272.2	99.08	284.7	106.5
	35	142.2	45.15	179.8	59.39	219.8	77.41	236.9	85.92	255.8	96.27	272.2	105.8	284.7	113.7
	37	142.2	48.13	179.8	63.32	219.8	82.56	236.9	91.67	255.8	102.8	272.2	113.1	284.7	121.1
	39	142.2	51.34	179.8	67.52	219.8	88.06	236.9	97.85	255.8	109.9	272.2	121.1	284.7	128.7
	41	142.2	54.77	179.8	72.03	219.8	94.01	236.9	104.6	255.8	117.7	272.2	129.4	284.7	137.0
	43	142.2	58.44	179.8	76.81	219.8	100.4	236.9	111.9	255.8	126.2	269.1	136.0	269.1	136.0
	46	142.2	64.40	179.8	84.64	219.8	111.1	236.1	123.8	236.1	123.8	236.1	123.8	236.1	123.9
	48	142.2	68.70	179.8	90.36	215.8	115.9	215.5	115.8	215.5	115.6	215.1	115.6	215.2	115.7
	50	142.2	73.30	179.8	96.48	195.8	108.2	195.8	108.2	195.4	108.1	195.4	108.0	195.7	108.2
	52	142.2	78.21	174.3	98.67	175.7	95.67	176.3	94.47	177.2	93.16	177.2	91.94	176.9	90.94
80	10	126.5	15.52	159.8	19.17	195.4	23.28	210.4	25.46	227.5	28.31	241.7	31.06	253.0	33.46
	12	126.5	17.45	159.8	20.63	195.4	25.45	210.4	27.97	227.5	31.18	241.7	34.30	253.0	36.97
	14	126.5	18.52	159.8	22.31	195.4	27.86	210.4	30.73	227.5	34.38	241.7	37.86	253.0	40.83
	16	126.5	19.74	159.8	24.18	195.4	30.57	210.4	33.82	227.5	37.93	241.7	41.79	253.0	45.11
	18	126.5	21.15	159.8	26.31	195.4	33.59	210.4	37.23	227.5	41.81	241.7	46.12	253.0	49.78
	20	126.5	22.76	159.8	28.69	195.4	36.92	210.4	41.01	227.5	46.09	241.7	50.90	253.0	54.91
	21	126.5	23.64	159.8	29.95	195.4	38.69	210.4	43.04	227.5	48.42	241.7	53.43	253.0	57.63
	23	126.5	25.56	159.8	32.75	195.4	42.56	210.4	47.41	227.5	53.36	241.7	58.87	253.0	63.53
	25	126.5	27.74	159.8	35.86	195.4	46.84	210.4	52.20	227.5	58.77	241.7	64.37	253.0	68.89
	27	126.5	30.16	159.8	39.31	195.4	51.17	210.4	56.44	227.5	62.80	241.7	68.60	253.0	73.39
	29	126.5	32.89	159.8	42.56	195.4	54.52	210.4	60.17	227.5	66.96	241.7	73.13	253.0	78.20
	31	126.5	35.20	159.8	45.33	195.4	58.14	210.4	64.17	227.5	71.38	241.7	77.94	253.0	83.31
	33	126.5	37.40	159.8	48.30	195.4	61.99	210.4	68.40	227.5	76.08	241.7	83.06	253.0	88.81
	35	126.5	39.83	159.8	51.50	195.4	66.11	210.4	72.94	227.5	81.15	241.7	88.58	253.0	94.75
	37	126.5	42.42	159.8	54.90	195.4	70.50	210.4	77.76	227.5	86.53	241.7	94.52	253.0	101.1
	39	126.5	45.24	159.8	58.57	195.4	75.17	210.4	82.95	227.5	92.33	241.7	100.9	253.0	108.1
	41	126.5	48.26	159.8	62.47	195.4	80.17	210.4	88.49	227.5	98.58	241.7	107.9	253.0	115.7
	43	126.5	51.51	159.8	66.64	195.4	85.52	210.4	94.47	227.5	105.4	241.7	115.5	253.0	124.1
	46	126.5	56.81	159.8	73.40	195.4	94.32	210.4	104.4	227.5	116.8	236.1	123.9	236.1	123.9
	48	126.5	60.65	159.8	78.30	195.4	100.8	210.4	111.7	215.5	115.6	215.5	115.7	215.5	115.7
	50	126.5	64.72	159.8	83.55	194.9	107.5	195.8	108.3	195.7	108.2	195.4	108.1	195.4	108.1
	52	126.5	69.06	159.8	89.17	175.1	97.24	175.7	96.00	176.3	94.63	176.9	93.45	176.9	92.49
70	10	110.8	12.93	139.8	17.38	171.1	20.31	184.1	21.81	199.0	23.77	211.5	25.65	221.3	27.26
	12	110.8	16.27	139.8	18.59	171.1	21.99	184.1	23.76	199.0	26.01	211.5	28.16	221.3	30.01
	14	110.8	17.11	139.8	19.88	171.1	23.89	184.1	25.93	199.0	28.50	211.5	30.95	221.3	33.06
	16	110.8	18.07	139.8	21.37	171.1	26.03	184.1	28.37	199.0	31.29	211.5	34.08	221.3	36.43
	18	110.8	19.18	139.8	23.05	171.1	28.40	184.1	31.06	199.0	34.39	211.5	37.53	221.3	40.14
	20	110.8	20.44	139.8	24.93	171.1	31.04	184.1	34.08	199.0	37.83	211.5	41.32	221.3	44.27
	21	110.8	21.16	139.8	25.96	171.1	32.50	184.1	35.72	199.0	39.67	211.5	43.38	221.3	46.46
	23	110.8	22.73	139.8	28.22	171.1	35.60	184.1	39.21	199.0	43.66	211.5	47.76	221.3	51.20
	25	110.8	24.50	139.8	30.75	171.1	39.09	184.1	43.12	199.0	48.06	211.5	52.59	221.3	56.38
	27	110.8	26.50	139.8	33.59	171.1	42.89	184.1	47.35	199.0	52.36	211.5	56.85	221.3	60.52
	29	110.8	28.77	139.8	36.65	171.1	46.12	184.1	50.55	199.0	55.82	211.5	60.62	221.3	64.52
	31	110.8	30.95	139.8	39.03	171.1	49.16	184.1	53.86	199.0	59.51	211.5	64.63	221.3	68.79
	33	110.8	32.84	139.8	41.54	171.1	52.40	184.1	57.44	199.0	63.48	211.5	68.90	221.3	73.33
	35	110.8	34.89	139.8	44.27	171.1	55.87	184.1	61.26	199.0	67.68	211.5	73.45	221.3	78.18
	37	110.8	37.16	139.8	47.20	171.1	59.57	184.1	65.31	199.0	72.15	211.5	78.33	221.3	83.37
	39	110.8	39.60	139.8	50.34	171.1	63.54	184.1	69.66	199.0	76.96	211.5	83.53	221.3	88.94
	41	110.8	42.24	139.8	53.70	171.1	67.78	184.1	74.29	199.0	82.08	211.5	89.13	221.3	94.96

44. ARUM940LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	110.8	45.07	139.8	57.29	171.1	72.27	184.1	79.22	199.0	87.58	211.5	95.16	221.3	101.4
	46	110.8	49.75	139.8	63.14	171.1	79.63	184.1	87.34	199.0	96.61	211.5	105.2	221.3	112.3
	48	110.8	53.13	139.8	67.36	171.1	84.95	184.1	93.23	199.0	103.3	211.5	112.6	215.5	115.8
	50	110.8	56.74	139.8	71.88	171.1	90.69	184.1	99.60	196.1	108.4	195.8	108.2	195.8	108.1
	52	110.8	60.58	139.8	76.68	171.1	96.87	174.6	98.11	175.4	96.68	176.0	95.39	176.3	94.47
60	10	94.80	10.55	119.8	14.34	146.5	18.01	157.8	18.99	170.4	20.27	181.3	21.47	189.9	22.53
	12	94.80	14.93	119.8	16.92	146.5	19.23	157.8	20.44	170.4	21.94	181.3	23.35	189.9	24.58
	14	94.80	15.59	119.8	17.88	146.5	20.68	157.8	22.07	170.4	23.82	181.3	25.48	189.9	26.88
	16	94.80	16.36	119.8	19.01	146.5	22.28	157.8	23.91	170.4	25.92	181.3	27.85	189.9	29.44
	18	94.80	17.28	119.8	20.28	146.5	24.11	157.8	25.98	170.4	28.29	181.3	30.48	189.9	32.30
	20	94.80	18.29	119.8	21.73	146.5	26.14	157.8	28.31	170.4	30.96	181.3	33.43	189.9	35.48
	21	94.80	18.86	119.8	22.54	146.5	27.26	157.8	29.57	170.4	32.38	181.3	35.00	189.9	37.20
	23	94.80	20.13	119.8	24.30	146.5	29.71	157.8	32.30	170.4	35.49	181.3	38.45	189.9	40.88
	25	94.80	21.56	119.8	26.30	146.5	32.43	157.8	35.36	170.4	38.94	181.3	42.21	189.9	44.95
	27	94.80	23.21	119.8	28.56	146.5	35.46	157.8	38.77	170.4	42.74	181.3	46.39	189.9	49.22
	29	94.80	25.03	119.8	31.10	146.5	38.63	157.8	41.99	170.4	45.97	181.3	49.59	189.9	52.53
	31	94.80	27.06	119.8	33.33	146.5	41.10	157.8	44.72	170.4	49.00	181.3	52.86	189.9	56.00
	33	94.80	28.65	119.8	35.41	146.5	43.79	157.8	47.65	170.4	52.24	181.3	56.34	189.9	59.70
	35	94.80	30.36	119.8	37.69	146.5	46.65	157.8	50.78	170.4	55.68	181.3	60.08	189.9	63.66
	37	94.80	32.29	119.8	40.15	146.5	49.74	157.8	54.17	170.4	59.38	181.3	64.08	189.9	67.87
	39	94.80	34.35	119.8	42.79	146.5	53.06	157.8	57.77	170.4	63.35	181.3	68.32	189.9	72.38
	41	94.80	36.63	119.8	45.65	146.5	56.61	157.8	61.63	170.4	67.56	181.3	72.87	189.9	77.19
	43	94.80	39.08	119.8	48.71	146.5	60.40	157.8	65.72	170.4	72.04	181.3	77.73	189.9	82.35
	46	94.80	43.15	119.8	53.75	146.5	66.55	157.8	72.40	170.4	79.36	181.3	85.63	189.9	90.78
	48	94.80	46.14	119.8	57.39	146.5	70.99	157.8	77.23	170.4	84.68	181.3	91.43	189.9	96.96
	50	94.80	49.29	119.8	61.26	146.5	75.75	157.8	82.40	170.4	90.38	181.3	97.66	189.9	103.7
	52	94.80	52.71	119.8	65.38	146.5	80.81	157.8	87.95	170.4	96.53	174.6	98.25	175.1	97.23
50	10	79.10	8.25	99.90	11.36	122.2	14.75	131.6	16.50	142.2	17.63	151.2	18.38	158.2	19.03
	12	79.10	12.31	99.90	15.43	122.2	17.11	131.6	17.86	142.2	18.81	151.2	19.72	158.2	20.47
	14	79.10	13.85	99.90	16.16	122.2	18.10	131.6	19.01	142.2	20.15	151.2	21.21	158.2	22.11
	16	79.10	14.47	99.90	16.97	122.2	19.25	131.6	20.35	142.2	21.67	151.2	22.92	158.2	23.95
	18	79.10	15.20	99.90	17.94	122.2	20.58	131.6	21.84	142.2	23.40	151.2	24.84	158.2	26.05
	20	79.10	16.01	99.90	19.02	122.2	22.08	131.6	23.56	142.2	25.35	151.2	26.98	158.2	28.38
	21	79.10	16.47	99.90	19.60	122.2	22.92	131.6	24.48	142.2	26.42	151.2	28.17	158.2	29.65
	23	79.10	17.47	99.90	20.95	122.2	24.75	131.6	26.55	142.2	28.72	151.2	30.73	158.2	32.40
	25	79.10	18.63	99.90	22.46	122.2	26.79	131.6	28.85	142.2	31.33	151.2	33.57	158.2	35.44
	27	79.10	19.91	99.90	24.20	122.2	29.13	131.6	31.42	142.2	34.24	151.2	36.76	158.2	38.85
	29	79.10	21.41	99.90	26.17	122.2	31.71	131.6	34.34	142.2	37.35	151.2	39.97	158.2	42.07
	31	79.10	23.07	99.90	28.27	122.2	33.98	131.6	36.62	142.2	39.75	151.2	42.55	158.2	44.81
	33	79.10	24.51	99.90	29.93	122.2	36.10	131.6	38.97	142.2	42.30	151.2	45.32	158.2	47.77
	35	79.10	25.94	99.90	31.75	122.2	38.42	131.6	41.48	142.2	45.08	151.2	48.29	158.2	50.93
	37	79.10	27.52	99.90	33.76	122.2	40.93	131.6	44.22	142.2	48.08	151.2	51.50	158.2	54.29
	39	79.10	29.25	99.90	35.96	122.2	43.67	131.6	47.16	142.2	51.26	151.2	54.93	158.2	57.92
	41	79.10	31.18	99.90	38.33	122.2	46.57	131.6	50.29	142.2	54.70	151.2	58.60	158.2	61.78
	43	79.10	33.31	99.90	40.92	122.2	49.70	131.6	53.66	142.2	58.37	151.2	62.51	158.2	65.88
	46	79.10	36.93	99.90	45.15	122.2	54.82	131.6	59.19	142.2	64.29	151.2	68.88	158.2	72.56
	48	79.10	39.52	99.90	48.25	122.2	58.50	131.6	63.14	142.2	68.62	151.2	73.48	158.2	77.42
	50	79.10	42.35	99.90	51.56	122.2	62.46	131.6	67.40	142.2	73.19	151.2	78.39	158.2	82.60
	52	79.10	45.36	99.90	55.12	122.2	66.68	131.6	71.90	142.2	78.09	151.2	83.64	158.2	88.15

44. ARUM940LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

44. ARUM940LTE6

44.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	56.00	4.68	89.70	7.47	127.3	10.64	136.3	11.41	145.3	12.24	154.7	13.13	164.5	14.21
	12	56.00	4.68	89.70	7.50	127.3	10.71	136.3	11.49	145.3	12.32	154.7	13.24	164.5	14.36
	14	56.00	4.72	89.70	7.54	127.3	10.83	136.3	11.64	145.3	12.51	154.7	13.43	164.5	14.63
	16	56.00	4.72	89.70	7.62	127.3	11.02	136.3	11.90	145.3	12.82	154.7	13.85	164.5	15.20
	18	56.00	4.76	89.70	7.77	127.3	11.48	136.3	12.47	145.3	13.53	154.7	14.71	164.5	16.45
	20	56.00	4.91	89.70	8.15	127.3	12.69	136.3	13.95	145.3	15.39	154.7	16.99	164.5	19.88
	21	63.40	5.98	96.80	10.06	134.0	16.99	142.9	18.23	151.6	19.34	160.6	20.45	169.9	22.21
	23	78.30	13.23	111.2	16.61	148.1	21.43	156.3	22.68	164.9	24.05	172.7	25.31	180.9	27.37
	25	93.60	16.57	125.8	20.76	162.5	27.02	170.4	28.55	178.6	30.22	184.9	31.59	192.0	33.99
	27	108.9	21.08	141.0	26.39	177.1	34.40	184.5	36.27	192.3	38.20	197.4	39.48	214.7	45.11
	29	125.0	27.19	156.3	33.57	192.3	42.67	199.3	44.62	206.8	46.75	219.3	50.53	254.2	63.76
	31	141.4	34.41	172.0	41.67	207.6	52.59	214.2	54.77	232.7	61.29	259.3	71.51	293.3	88.76
	33	158.3	43.28	188.3	51.83	223.3	64.81	246.0	74.05	273.8	86.69	299.2	99.62	332.5	120.4
	35	175.8	54.52	204.8	64.45	262.0	90.87	286.7	104.4	314.5	120.4	339.2	132.5	371.7	150.5
	37	175.8	58.18	204.8	68.76	262.0	97.01	286.7	111.6	314.5	128.0	339.2	140.7	348.9	148.6
	39	175.8	62.11	204.8	73.38	262.0	103.7	286.7	119.5	314.5	136.2	327.1	143.2	323.4	144.1
	41	175.8	66.28	204.8	78.28	262.0	110.9	286.7	128.3	302.3	137.9	302.3	137.9	298.8	139.1
	43	175.8	70.72	204.8	83.55	262.0	118.8	278.5	131.3	278.4	131.1	278.1	131.1	275.0	133.1
	46	175.8	77.94	204.8	92.13	244.4	118.5	244.4	118.5	244.4	118.6	244.0	118.3	241.5	120.1
	48	175.8	83.18	204.8	98.42	223.0	110.8	222.9	110.8	222.7	110.8	222.6	110.7	219.9	112.0
	50	175.8	88.77	203.1	104.0	202.5	103.8	202.7	103.9	202.4	103.8	202.5	103.8	199.7	104.8
	52	175.5	94.78	178.7	90.03	180.8	86.37	181.4	85.62	181.6	84.80	182.3	84.15	180.7	84.58
120	10	51.70	4.33	83.00	6.89	117.5	9.79	125.7	10.52	134.0	11.22	142.6	11.99	151.6	12.98
	12	51.70	4.33	83.00	6.92	117.5	9.86	125.7	10.56	134.0	11.29	142.6	12.10	151.6	13.09
	14	51.70	4.34	83.00	6.93	117.5	9.94	125.7	10.68	134.0	11.44	142.6	12.25	151.6	13.32
	16	51.70	4.37	83.00	7.00	117.5	10.10	125.7	10.90	134.0	11.67	142.6	12.55	151.6	13.74
	18	51.70	4.41	83.00	7.12	117.5	10.47	125.7	11.32	134.0	12.21	142.6	13.23	151.6	14.72
	20	51.70	4.49	83.00	7.42	117.5	11.38	125.7	12.49	134.0	13.64	142.6	14.97	151.6	17.41
	21	58.40	5.41	89.30	8.98	123.8	14.80	132.0	16.55	140.2	17.80	148.1	18.88	156.7	20.42
	23	72.10	12.61	102.6	15.64	136.7	19.82	144.5	20.89	152.3	22.07	159.4	23.14	166.9	24.94
	25	86.20	15.62	116.3	19.34	150.0	24.73	157.1	26.06	164.9	27.47	170.7	28.62	177.4	30.72
	27	100.7	19.69	130.0	24.30	163.4	31.20	170.4	32.77	177.5	34.52	182.2	35.67	198.2	40.68
	29	115.5	25.16	144.1	30.84	177.4	38.77	183.7	40.45	190.7	42.28	202.5	45.53	234.6	56.90
	31	130.5	31.72	158.7	38.04	191.5	47.48	197.8	49.39	214.7	55.00	239.3	63.74	270.7	78.45
	33	146.1	39.60	173.9	47.02	206.4	58.25	227.1	66.23	252.6	76.99	276.2	87.94	306.7	107.0
	35	162.2	49.55	189.2	58.15	242.0	80.86	264.8	92.32	290.2	106.4	313.0	119.7	343.1	136.9
	37	162.2	52.90	189.2	62.07	242.0	86.28	264.8	98.56	290.2	113.8	313.0	127.2	343.1	145.4
	39	162.2	56.45	189.2	66.24	242.0	92.11	264.8	105.3	290.2	121.9	313.0	135.4	323.5	144.2
	41	162.2	60.24	189.2	70.68	242.0	98.36	264.8	112.7	290.2	130.7	302.6	138.0	299.1	139.3
	43	162.2	64.30	189.2	75.39	242.0	105.2	264.8	120.8	278.5	131.3	278.1	131.1	274.9	132.9
	46	162.2	70.90	189.2	83.13	242.0	116.5	244.7	118.6	244.4	118.5	244.3	118.4	241.5	120.1
	48	162.2	75.65	189.2	88.71	223.0	110.8	223.0	110.7	223.0	110.8	223.0	110.8	219.9	112.1
	50	162.2	80.71	189.2	94.71	202.5	103.8	202.8	104.0	202.8	104.0	202.8	103.9	200.0	105.1
	52	162.2	86.15	177.9	91.65	179.9	87.88	180.5	87.17	180.8	86.37	181.0	85.82	180.8	86.64
110	10	47.40	3.95	76.00	6.31	107.7	8.98	115.2	9.60	123.0	10.25	130.8	10.95	139.1	11.79
	12	47.40	3.95	76.00	6.31	107.7	9.01	115.2	9.67	123.0	10.33	130.8	11.02	139.1	11.87
	14	47.40	3.98	76.00	6.35	107.7	9.09	115.2	9.75	123.0	10.44	130.8	11.14	139.1	12.05
	16	47.40	3.99	76.00	6.39	107.7	9.20	115.2	9.90	123.0	10.63	130.8	11.37	139.1	12.36
	18	47.40	4.02	76.00	6.50	107.7	9.47	115.2	10.24	123.0	11.01	130.8	11.86	139.1	13.08

44. ARUM940LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	47.40	4.10	76.00	6.73	107.7	10.19	115.2	11.11	123.0	12.11	130.8	13.18	139.1	15.12
	21	53.60	4.90	81.90	7.98	113.6	12.81	121.0	14.22	128.4	15.76	135.9	17.23	143.7	18.74
	23	66.20	12.03	94.00	14.69	125.3	18.33	132.4	19.22	139.5	20.20	146.1	21.12	153.1	22.68
	25	79.10	14.69	106.5	18.00	137.5	22.59	144.1	23.73	151.2	24.92	156.3	25.91	162.5	27.67
	27	92.40	18.32	119.1	22.35	150.0	28.23	156.3	29.57	162.9	31.02	167.2	32.01	181.7	36.43
	29	105.8	23.20	132.0	28.14	162.6	35.10	168.4	36.52	174.7	38.09	185.6	40.87	215.0	50.57
	31	119.8	29.16	145.7	34.63	175.5	42.74	181.3	44.34	197.0	49.12	219.4	56.57	248.3	69.04
	33	134.0	36.12	159.4	42.50	189.1	52.14	208.0	58.91	231.5	68.06	253.4	77.25	281.2	93.16
	35	148.8	44.88	173.5	52.26	221.7	71.63	242.8	81.27	266.0	93.00	287.1	104.5	314.5	123.1
	37	148.8	47.89	173.5	55.77	221.7	76.43	242.8	86.73	266.0	99.32	287.1	111.7	314.5	130.9
	39	148.8	51.13	173.5	59.52	221.7	81.55	242.8	92.57	266.0	106.1	287.1	119.6	314.5	139.2
	41	148.8	54.57	173.5	63.53	221.7	87.02	242.8	98.89	266.0	113.6	287.1	128.3	299.2	139.2
	43	148.8	58.25	173.5	67.81	221.7	92.93	242.8	105.7	266.0	121.8	278.5	131.3	275.4	133.3
	46	148.8	64.24	173.5	74.72	221.7	102.6	242.8	117.1	244.7	118.6	244.3	118.4	241.2	120.0
	48	148.8	68.57	173.5	79.74	221.6	109.7	223.0	110.8	223.0	110.8	222.9	110.8	220.2	112.2
	50	148.8	73.17	173.5	85.07	202.8	103.9	202.5	103.8	202.8	104.0	202.5	103.8	200.1	105.0
	52	148.8	78.08	173.5	90.81	179.1	89.74	179.3	89.02	179.9	88.23	180.2	87.29	180.2	87.52
100	10	43.10	3.60	69.00	5.73	97.90	8.13	104.6	8.74	111.6	9.32	119.0	9.94	126.5	10.67
	12	43.10	3.60	69.00	5.73	97.90	8.17	104.6	8.78	111.6	9.36	119.0	9.98	126.5	10.75
	14	43.10	3.60	69.00	5.77	97.90	8.24	104.6	8.82	111.6	9.44	119.0	10.06	126.5	10.87
	16	43.10	3.63	69.00	5.80	97.90	8.32	104.6	8.94	111.6	9.59	119.0	10.25	126.5	11.10
	18	43.10	3.64	69.00	5.88	97.90	8.54	104.6	9.20	111.6	9.89	119.0	10.62	126.5	11.63
	20	43.10	3.71	69.00	6.06	97.90	9.04	104.6	9.84	111.6	10.68	119.0	11.57	126.5	13.10
	21	48.60	4.37	74.40	7.06	103.0	11.05	110.0	12.19	116.7	13.42	123.4	14.76	130.8	17.15
	23	60.30	11.42	85.40	13.77	114.0	16.95	120.3	17.72	126.9	18.53	132.8	19.29	139.1	20.59
	25	72.00	13.81	96.80	16.69	124.9	20.64	131.2	21.56	137.4	22.59	142.2	23.39	147.7	24.92
	27	83.80	17.01	108.5	20.54	136.3	25.48	142.1	26.62	148.0	27.84	152.0	28.65	165.3	32.35
	29	96.30	21.32	120.2	25.58	147.7	31.65	153.2	32.88	159.0	34.22	168.8	36.56	195.4	44.73
	31	108.9	26.74	132.4	31.38	159.8	38.30	164.9	39.65	179.0	43.69	199.4	49.96	225.6	60.38
	33	121.8	32.83	144.9	38.26	171.9	46.41	189.2	52.14	210.7	59.85	230.3	67.52	255.7	80.69
	35	135.1	40.47	157.5	46.75	201.7	63.11	220.5	71.17	242.0	80.89	260.9	90.26	285.9	107.1
	37	135.1	43.18	157.5	49.88	201.7	67.32	220.5	75.94	242.0	86.31	260.9	96.36	285.9	114.5
	39	135.1	46.08	157.5	53.24	201.7	71.86	220.5	81.02	242.0	92.14	260.9	103.0	285.9	122.7
	41	135.1	49.21	157.5	56.83	201.7	76.64	220.5	86.48	242.0	98.40	260.9	110.1	285.9	131.2
	43	135.1	52.54	157.5	60.69	201.7	81.80	220.5	92.32	242.0	105.2	260.9	118.0	275.3	133.0
	46	135.1	57.96	157.5	66.89	201.7	90.19	220.5	101.9	242.0	116.5	244.4	118.5	241.6	120.1
	48	135.1	61.90	157.5	71.40	201.7	96.33	220.5	109.1	223.0	110.8	223.3	110.9	219.9	112.1
	50	135.1	66.06	157.5	76.16	201.4	102.8	202.8	104.0	202.8	103.8	202.8	104.0	199.7	105.0
	52	135.1	70.51	157.5	81.26	177.8	91.62	178.4	90.51	179.4	89.36	179.9	88.20	179.7	88.45
90	10	38.80	3.25	62.30	5.15	88.10	7.31	94.40	7.85	100.6	8.36	106.9	8.90	113.9	9.59
	12	38.80	3.25	62.30	5.18	88.10	7.35	94.40	7.86	100.6	8.40	106.9	8.97	113.9	9.63
	14	38.80	3.25	62.30	5.18	88.10	7.39	94.40	7.93	100.6	8.47	106.9	9.02	113.9	9.71
	16	38.80	3.25	62.30	5.22	88.10	7.46	94.40	8.01	100.6	8.55	106.9	9.16	113.9	9.90
	18	38.80	3.29	62.30	5.26	88.10	7.61	94.40	8.19	100.6	8.78	106.9	9.43	113.9	10.28
	20	38.80	3.33	62.30	5.38	88.10	7.96	94.40	8.65	100.6	9.34	106.9	10.11	113.9	11.33
	21	43.90	3.90	67.00	6.18	92.80	9.48	99.00	10.36	105.0	11.36	111.2	12.39	117.5	14.79
	23	54.10	10.84	77.10	12.88	102.6	15.61	108.4	16.27	114.3	16.99	119.5	17.61	125.3	18.69
	25	64.60	12.96	87.00	15.43	112.4	18.81	117.9	19.61	123.7	20.42	128.1	21.10	133.1	22.37
	27	75.60	15.77	97.50	18.77	122.6	22.96	127.7	23.91	133.2	24.91	136.7	25.59	148.8	28.65
	29	86.60	19.51	108.1	23.16	133.1	28.33	137.9	29.44	143.0	30.57	151.6	32.54	175.9	39.35
	31	97.90	24.42	119.1	28.39	143.7	34.17	148.4	35.29	161.0	38.65	179.4	43.85	202.9	52.48

44. ARUM940LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	109.7	29.76	130.4	34.28	154.7	41.13	170.3	45.91	189.5	52.26	207.2	58.60	230.3	69.40
	35	121.8	36.34	141.8	41.58	181.4	55.24	198.6	61.89	217.8	69.87	234.6	77.51	257.3	91.07
	37	121.8	38.73	141.8	44.36	181.4	58.94	198.6	66.05	217.8	74.57	234.6	82.73	257.3	97.24
	39	121.8	41.33	141.8	47.37	181.4	62.91	198.6	70.48	217.8	79.57	234.6	88.30	257.3	103.9
	41	121.8	44.14	141.8	50.58	181.4	67.12	198.6	75.19	217.8	84.92	234.6	94.25	257.3	111.2
	43	121.8	47.13	141.8	53.99	181.4	71.64	198.6	80.24	217.8	90.64	234.6	100.7	257.3	119.1
	46	121.8	52.05	141.8	59.60	181.4	78.93	198.6	88.47	217.8	100.1	234.6	111.4	241.6	120.1
	48	121.8	55.61	141.8	63.63	181.4	84.25	198.6	94.47	217.8	107.0	223.1	110.8	220.3	112.3
	50	121.8	59.38	141.8	67.89	181.4	89.91	198.6	101.0	202.8	104.0	202.8	103.8	200.1	105.1
	52	121.8	63.42	141.8	72.46	177.3	92.85	177.8	91.67	178.7	90.42	179.4	89.32	179.0	89.50
80	10	34.50	2.87	55.20	4.57	78.30	6.50	83.80	6.96	89.30	7.43	95.20	7.93	101.1	8.51
	12	34.50	2.87	55.20	4.60	78.30	6.50	83.80	6.97	89.30	7.46	95.20	7.93	101.1	8.55
	14	34.50	2.90	55.20	4.60	78.30	6.54	83.80	7.01	89.30	7.50	95.20	8.00	101.1	8.59
	16	34.50	2.90	55.20	4.61	78.30	6.61	83.80	7.08	89.30	7.58	95.20	8.08	101.1	8.70
	18	34.50	2.90	55.20	4.65	78.30	6.69	83.80	7.19	89.30	7.73	95.20	8.27	101.1	8.97
	20	34.50	2.94	55.20	4.76	78.30	6.96	83.80	7.53	89.30	8.11	95.20	8.73	101.1	9.69
	21	39.10	3.41	59.60	5.37	82.60	8.06	87.80	8.79	93.20	9.55	98.70	10.36	104.6	12.11
	23	48.20	10.30	68.50	12.04	91.20	14.38	96.30	14.92	101.5	15.50	106.2	16.03	111.2	16.96
	25	57.60	12.11	77.50	14.23	99.90	17.11	104.9	17.77	109.7	18.46	113.6	19.00	118.3	20.07
	27	67.00	14.54	86.60	17.12	108.9	20.62	113.6	21.39	118.3	22.23	121.4	22.77	132.0	25.26
	29	76.80	17.78	96.00	20.86	118.3	25.16	122.6	26.08	127.3	27.04	134.8	28.75	156.3	34.42
	31	87.00	22.02	105.8	25.54	127.7	30.34	131.6	31.27	143.3	34.02	159.4	38.26	180.5	45.27
	33	97.50	26.82	115.9	30.60	137.5	36.23	151.2	40.13	168.4	45.33	184.1	50.46	204.5	59.21
	35	108.1	32.50	126.1	36.79	161.3	48.01	176.6	53.44	193.5	59.90	208.7	66.05	228.7	76.89
	37	108.1	34.59	126.1	39.23	161.3	51.22	176.6	57.03	193.5	63.91	208.7	70.45	228.7	82.02
	39	108.1	36.91	126.1	41.89	161.3	54.69	176.6	60.85	193.5	68.19	208.7	75.18	228.7	87.55
	41	108.1	39.39	126.1	44.72	161.3	58.36	176.6	64.94	193.5	72.78	208.7	80.23	228.7	93.46
	43	108.1	42.06	126.1	47.78	161.3	62.30	176.6	69.30	193.5	77.64	208.7	85.61	228.7	99.86
	46	108.1	46.48	126.1	52.74	161.3	68.68	176.6	76.37	193.5	85.61	208.7	94.45	228.7	110.5
	48	108.1	49.67	126.1	56.34	161.3	73.28	176.6	81.50	193.5	91.38	208.7	100.9	220.5	112.3
	50	108.1	53.09	126.1	60.18	161.3	78.19	176.6	86.97	193.5	97.60	202.8	103.9	200.1	105.1
	52	108.1	56.74	126.1	64.26	161.3	83.44	176.3	92.62	177.8	91.87	178.4	90.72	178.4	90.95
70	10	30.20	2.52	48.20	4.02	68.50	5.69	73.30	6.08	78.30	6.50	83.40	6.92	88.50	7.43
	12	30.20	2.52	48.20	4.02	68.50	5.69	73.30	6.11	78.30	6.50	83.40	6.93	88.50	7.43
	14	30.20	2.52	48.20	4.02	68.50	5.72	73.30	6.12	78.30	6.54	83.40	6.97	88.50	7.50
	16	30.20	2.52	48.20	4.03	68.50	5.76	73.30	6.15	78.30	6.58	83.40	7.04	88.50	7.58
	18	30.20	2.55	48.20	4.06	68.50	5.84	73.30	6.26	78.30	6.69	83.40	7.15	88.50	7.74
	20	30.20	2.56	48.20	4.14	68.50	5.99	73.30	6.46	78.30	6.95	83.40	7.46	88.50	8.22
	21	34.10	2.97	52.10	4.63	72.10	6.79	76.80	7.36	81.80	7.95	86.50	8.56	91.30	9.82
	23	42.30	8.67	59.90	11.23	79.90	13.18	84.20	13.65	88.90	14.11	92.80	14.57	97.50	15.34
	25	50.20	11.30	67.80	13.08	87.40	15.46	91.70	16.03	96.00	16.58	99.50	17.04	103.4	17.92
	27	58.70	13.39	75.90	15.54	95.50	18.43	99.50	19.08	103.4	19.74	106.5	20.20	115.6	22.23
	29	67.40	16.12	84.20	18.67	103.4	22.24	107.3	22.97	111.2	23.77	117.9	25.12	136.7	29.87
	31	76.30	19.71	92.50	22.75	111.7	26.81	115.2	27.55	125.3	29.77	139.8	33.14	157.9	38.76
	33	85.40	23.89	101.4	27.16	120.3	31.71	132.4	34.85	147.3	38.99	161.0	43.08	179.0	50.01
	35	94.70	28.87	110.4	32.38	141.0	41.35	154.4	45.68	169.2	50.84	182.5	55.69	200.1	64.23
	37	94.70	30.69	110.4	34.47	141.0	44.13	154.4	48.76	169.2	54.24	182.5	59.44	200.1	68.54
	39	94.70	32.71	110.4	36.79	141.0	47.11	154.4	52.05	169.2	57.90	182.5	63.42	200.1	73.12
	41	94.70	34.93	110.4	39.27	141.0	50.31	154.4	55.57	169.2	61.80	182.5	67.66	200.1	78.02
	43	94.70	37.30	110.4	41.95	141.0	53.72	154.4	59.32	169.2	65.94	182.5	72.21	200.1	83.25
	46	94.70	41.22	110.4	46.36	141.0	59.26	154.4	65.42	169.2	72.70	182.5	79.58	200.1	91.83

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	94.70	44.10	110.4	49.55	141.0	63.28	154.4	69.80	169.2	77.56	182.5	84.93	200.1	98.12
	50	94.70	47.17	110.4	52.97	141.0	67.54	154.4	74.48	169.2	82.77	182.5	90.67	199.5	104.5
	52	94.70	50.47	110.4	56.62	141.0	72.07	154.4	79.47	169.2	88.33	177.6	92.66	177.3	92.88
60	10	25.90	2.17	41.50	3.44	58.70	4.87	62.70	5.22	67.00	5.57	71.30	5.92	76.00	6.35
	12	25.90	2.17	41.50	3.44	58.70	4.88	62.70	5.22	67.00	5.57	71.30	5.92	76.00	6.38
	14	25.90	2.17	41.50	3.44	58.70	4.88	62.70	5.23	67.00	5.58	71.30	5.96	76.00	6.39
	16	25.90	2.17	41.50	3.45	58.70	4.91	62.70	5.26	67.00	5.61	71.30	6.00	76.00	6.46
	18	25.90	2.17	41.50	3.48	58.70	4.95	62.70	5.33	67.00	5.69	71.30	6.07	76.00	6.57
	20	25.90	2.20	41.50	3.52	58.70	5.07	62.70	5.45	67.00	5.84	71.30	6.26	76.00	6.84
	21	29.30	2.52	44.70	3.90	61.90	5.64	65.80	6.06	70.10	6.52	74.00	7.02	78.30	7.87
	23	36.00	6.13	51.30	9.18	68.50	12.03	72.10	12.42	76.00	12.80	79.50	13.15	83.40	13.80
	25	43.40	10.58	58.00	12.00	74.80	13.96	78.70	14.38	82.30	14.84	85.40	15.20	88.60	15.92
	27	50.50	12.27	65.00	14.00	81.80	16.39	85.30	16.89	88.90	17.43	91.20	17.78	99.10	19.43
	29	57.60	14.54	72.10	16.62	88.60	19.51	92.00	20.09	95.20	20.70	101.1	21.81	117.1	25.51
	31	65.40	17.51	79.50	19.98	95.90	23.41	98.70	24.07	107.3	25.88	119.8	28.51	135.5	32.88
	33	73.20	21.08	86.90	23.74	103.0	27.58	113.6	30.03	126.5	33.24	138.2	36.42	153.5	41.78
	35	81.10	25.24	94.40	28.24	121.0	35.33	132.4	38.67	145.3	42.65	156.6	46.37	171.5	52.95
	37	81.10	26.78	94.40	30.05	121.0	37.65	132.4	41.26	145.3	45.51	156.6	49.49	171.5	56.50
	39	81.10	28.48	94.40	32.00	121.0	40.17	132.4	44.04	145.3	48.60	156.6	52.85	171.5	60.32
	41	81.10	30.37	94.40	34.17	121.0	42.91	132.4	47.02	145.3	51.88	156.6	56.41	171.5	64.37
	43	81.10	32.46	94.40	36.52	121.0	45.82	132.4	50.23	145.3	55.37	156.6	60.20	171.5	68.69
	46	81.10	36.00	94.40	40.38	121.0	50.63	132.4	55.46	145.3	61.10	156.6	66.39	171.5	75.69
	48	81.10	38.66	94.40	43.21	121.0	54.08	132.4	59.22	145.3	65.20	156.6	70.84	171.5	80.78
	50	81.10	41.48	94.40	46.24	121.0	57.77	132.4	63.22	145.3	69.61	156.6	75.59	171.5	86.21
	52	81.10	44.44	94.40	49.47	121.0	61.72	132.4	67.48	145.3	74.26	156.6	80.65	171.5	92.03
50	10	21.50	1.93	34.50	2.86	49.00	4.06	52.50	4.34	56.00	4.64	59.50	4.92	63.10	5.30
	12	21.50	1.93	34.50	2.86	49.00	4.06	52.50	4.34	56.00	4.64	59.50	4.95	63.10	5.30
	14	21.50	1.93	34.50	2.87	49.00	4.06	52.50	4.37	56.00	4.64	59.50	4.95	63.10	5.30
	16	21.50	1.93	34.50	2.87	49.00	4.10	52.50	4.37	56.00	4.68	59.50	4.99	63.10	5.34
	18	21.50	1.93	34.50	2.90	49.00	4.10	52.50	4.41	56.00	4.72	59.50	5.03	63.10	5.42
	20	21.50	1.97	34.50	2.91	49.00	4.18	52.50	4.49	56.00	4.80	59.50	5.14	63.10	5.57
	21	24.30	2.09	37.20	3.21	51.70	4.56	54.90	4.91	58.40	5.25	61.80	5.60	65.40	6.21
	23	30.10	4.26	42.70	6.28	56.80	10.86	60.30	11.26	63.40	11.57	66.20	11.84	69.70	12.34
	25	41.00	10.51	48.50	10.95	62.60	12.50	65.40	12.84	68.60	13.19	71.20	13.50	74.00	14.04
	27	42.10	11.21	54.10	12.57	68.10	14.43	70.90	14.85	74.00	15.27	76.00	15.54	82.60	16.82
	29	48.20	13.01	60.00	14.66	74.00	16.93	76.70	17.39	79.50	17.86	84.20	18.71	97.60	21.59
	31	54.40	15.40	66.20	17.36	79.90	20.06	82.30	20.59	89.30	22.09	99.80	24.26	112.8	27.63
	33	60.80	18.38	72.40	20.50	85.80	23.54	94.40	25.54	105.3	28.09	115.1	30.44	127.7	34.43
	35	67.70	21.73	78.70	24.08	100.7	29.84	110.4	32.38	121.0	35.33	130.4	38.09	142.9	42.96
	37	67.70	22.97	78.70	25.55	100.7	31.78	110.4	34.48	121.0	37.66	130.4	40.64	142.9	45.86
	39	67.70	24.36	78.70	27.17	100.7	33.88	110.4	36.79	121.0	40.20	130.4	43.35	142.9	48.95
	41	67.70	25.87	78.70	28.94	100.7	36.16	110.4	39.27	121.0	42.92	130.4	46.30	142.9	52.24
	43	67.70	27.56	78.70	30.91	100.7	38.61	110.4	41.95	121.0	45.86	130.4	49.46	142.9	55.76
	46	67.70	30.42	78.70	34.23	100.7	42.68	110.4	46.37	121.0	50.63	130.4	54.61	142.9	61.52
	48	67.70	32.57	78.70	36.74	100.7	45.67	110.4	49.55	121.0	54.08	130.4	58.30	142.9	65.67
	50	67.70	34.93	78.70	39.48	100.7	48.85	110.4	52.97	121.0	57.80	130.4	62.26	142.9	70.08
	52	67.70	37.52	78.70	42.52	100.7	52.24	110.4	56.62	121.0	61.73	130.4	66.48	142.9	74.80

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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44.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	164.8	80.83	163.6	81.52	162.1	82.21	161.6	82.53	160.9	82.87	159.7	83.56
	-24.8	-25	192.2	84.87	190.7	85.64	189.1	86.41	188.7	86.79	187.9	87.17	186.4	87.91
	-21.8	-22	209.1	87.18	207.6	88.02	206.3	88.83	205.5	89.22	204.7	89.63	203.2	90.41
	-19.8	-20	221.3	88.75	219.7	89.60	218.1	90.44	217.3	90.86	216.5	91.29	214.9	92.09
	-18.8	-19	227.5	89.52	225.6	90.40	224.0	91.25	223.2	91.67	222.4	92.10	220.9	92.94
	-16.7	-17	240.1	91.10	238.5	91.98	236.9	92.90	235.8	93.33	235.0	93.75	233.4	94.63
	-15	-15.9	247.9	92.02	246.0	92.94	244.4	93.83	243.6	94.28	242.5	94.71	240.9	95.59
	-13.7	-15	255.1	92.84	253.5	93.80	251.6	94.72	250.8	95.18	250.0	95.64	248.4	96.53
	-11.8	-13	268.0	94.32	266.0	95.28	264.3	96.24	263.2	96.71	262.4	97.17	260.5	98.09
	-9.8	-11	282.5	95.93	280.5	96.93	278.5	97.90	277.7	98.39	276.5	98.86	274.6	99.78
	-9.5	-10	289.5	96.67	287.5	97.70	285.5	98.67	284.4	99.16	283.5	99.66	281.3	100.6
	-8.5	-9.1	296.6	97.43	294.2	98.43	292.2	99.44	291.1	99.93	290.2	100.4	288.2	101.4
	-7	-7.6	308.3	98.66	306.0	99.70	304.0	100.7	302.8	101.2	301.6	101.7	299.6	102.7
	-5	-5.6	324.8	100.3	322.4	101.4	320.0	102.5	318.9	103.0	317.7	103.5	315.3	104.5
	-3	-3.7	340.9	101.9	338.5	103.0	336.1	104.1	334.9	104.7	333.7	105.2	331.3	106.2
	0	-0.7	367.5	104.5	365.1	105.7	362.3	106.8	360.8	107.3	359.6	107.9	336.8	100.3
	3	2.2	394.5	107.0	391.3	108.2	385.0	107.9	372.9	104.1	360.7	100.3	336.8	92.99
	5	4.1	412.4	108.7	408.9	109.8	385.0	102.5	372.9	98.98	360.7	95.45	336.8	88.51
	7	6	430.8	110.3	408.9	104.3	385.0	97.42	372.9	94.04	360.7	90.68	336.8	84.10
	9	7.9	433.1	105.3	408.9	98.74	385.0	92.31	372.9	89.13	360.7	86.00	336.8	79.79
	11	9.8	433.1	99.63	408.9	93.47	385.0	87.41	372.9	84.43	360.7	81.50	336.8	75.69
	13	11.8	433.1	93.89	408.9	88.14	385.0	82.50	372.9	79.70	360.7	76.96	336.8	71.52
	15	13.7	433.1	88.68	408.9	83.32	385.0	78.02	372.9	75.41	360.7	72.83	336.8	67.71
120	-30	-30.2	164.0	81.18	162.8	81.87	161.6	82.53	160.9	82.87	160.5	83.22	159.3	83.87
	-24.8	-25	191.1	85.33	189.9	86.10	188.3	86.87	187.9	87.25	187.1	87.60	185.6	88.33
	-21.8	-22	208.3	87.75	206.7	88.56	205.2	89.36	204.4	89.75	203.6	90.14	202.4	90.91
	-19.8	-20	220.1	89.36	218.5	90.21	216.9	91.02	216.1	91.44	215.4	91.83	213.8	92.63
	-18.8	-19	226.3	90.17	224.4	91.02	222.8	91.86	222.1	92.29	221.3	92.71	219.7	93.51
	-16.7	-17	238.9	91.79	237.3	92.67	235.4	93.56	234.6	93.98	233.8	94.40	232.2	95.25
	-15	-15.9	246.4	92.75	244.8	93.64	242.9	94.55	242.0	94.98	241.2	95.40	239.6	96.28
	-13.7	-15	253.6	93.64	251.9	94.57	250.3	95.49	249.5	95.95	248.4	96.37	246.8	97.26
	-11.8	-13	266.4	95.17	264.4	96.13	262.5	97.05	261.6	97.51	260.8	97.97	258.9	98.86
	-9.8	-11	280.8	96.85	278.5	97.82	276.6	98.78	275.7	99.24	274.6	99.71	272.9	100.6
	-9.5	-10	287.5	97.63	285.6	98.63	283.6	99.59	282.4	100.1	281.6	100.6	279.6	101.5
	-8.5	-9.1	294.6	98.43	292.2	99.43	290.2	100.4	289.1	100.9	288.3	101.4	286.3	102.3
	-7	-7.6	306.0	99.70	303.9	100.7	301.6	101.7	300.5	102.2	299.6	102.7	297.3	103.7
	-5	-5.6	322.0	101.5	319.7	102.5	317.6	103.6	316.5	104.1	315.3	104.6	311.0	104.5
	-3	-3.7	338.1	103.2	335.7	104.3	333.3	105.3	332.1	105.8	331.0	106.3	311.0	99.43
	0	-0.7	364.3	106.0	361.6	107.1	355.2	106.5	344.3	102.8	333.0	99.15	311.0	91.89
	3	2.2	390.5	108.6	377.5	105.5	355.2	98.65	344.3	95.23	333.0	91.86	311.0	85.24
	5	4.1	399.5	107.0	377.5	100.3	355.2	93.84	344.3	90.63	333.0	87.45	311.0	81.19
	7	6	399.5	101.6	377.5	95.34	355.2	89.15	344.3	86.13	333.0	83.12	311.0	77.19
	9	7.9	399.5	96.26	377.5	90.35	355.2	84.56	344.3	81.70	333.0	78.86	311.0	73.28
	11	9.8	399.5	91.12	377.5	85.60	355.2	80.13	344.3	77.44	333.0	74.79	311.0	69.54
	13	11.8	399.5	85.95	377.5	80.79	355.2	75.68	344.3	73.19	333.0	70.70	311.0	65.77

44. ARUM940LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	399.5	81.26	377.5	76.42	355.2	71.63	344.3	69.29	333.0	66.93	311.0	62.35
110	-30	-30.2	163.2	81.60	162.1	82.29	160.9	82.95	160.4	83.29	159.7	83.60	158.5	84.26
	-24.8	-25	190.3	85.90	188.7	86.64	187.5	87.40	186.7	87.75	186.0	88.13	184.8	88.83
	-21.8	-22	207.1	88.37	205.5	89.18	204.0	89.98	203.2	90.36	202.4	90.75	201.2	91.51
	-19.8	-20	218.9	90.06	217.3	90.90	215.7	91.71	214.9	92.10	214.2	92.51	212.6	93.29
	-18.8	-19	224.8	90.90	223.2	91.75	221.6	92.56	220.8	92.98	220.0	93.40	218.5	94.17
	-16.7	-17	237.3	92.60	235.7	93.48	233.8	94.33	233.0	94.75	232.2	95.17	230.6	95.98
	-15	-15.9	244.8	93.60	243.2	94.48	241.3	95.36	240.5	95.79	239.7	96.21	238.1	97.05
	-13.7	-15	252.0	94.56	250.3	95.45	248.7	96.37	247.6	96.80	246.8	97.22	245.2	98.10
	-11.8	-13	264.4	96.13	262.4	97.09	260.8	97.98	259.7	98.43	258.9	98.86	256.9	99.74
	-9.8	-11	278.5	97.90	276.5	98.86	274.6	99.81	273.7	100.2	272.6	100.7	270.6	101.6
	-9.5	-10	285.2	98.74	283.2	99.70	281.2	100.7	280.4	101.1	279.3	101.6	277.3	102.5
	-8.5	-9.1	291.9	99.58	289.9	100.6	287.9	101.5	286.7	102.0	285.9	102.4	283.9	103.4
	-7	-7.6	303.5	101.0	301.2	101.9	299.2	102.9	298.1	103.4	296.9	103.9	285.1	99.98
	-5	-5.6	319.2	102.8	316.9	103.9	314.5	104.8	313.4	105.3	305.5	102.5	285.1	94.98
	-3	-3.7	334.9	104.7	332.5	105.7	325.5	104.7	315.6	101.1	305.5	97.47	285.1	90.40
	0	-0.7	360.4	107.6	345.9	103.4	325.5	96.72	315.6	93.42	305.5	90.12	285.1	83.66
	3	2.2	366.2	102.1	345.9	95.79	325.5	89.66	315.6	86.61	305.5	83.60	285.1	77.69
	5	4.1	366.2	97.06	345.9	91.17	325.5	85.34	315.6	82.48	305.5	79.66	285.1	74.05
	7	6	366.2	92.24	345.9	86.64	325.5	81.13	315.6	78.40	305.5	75.71	285.1	70.41
	9	7.9	366.2	87.45	345.9	82.17	325.5	76.99	315.6	74.45	305.5	71.92	285.1	66.90
	11	9.8	366.2	82.86	345.9	77.91	325.5	73.04	315.6	70.63	305.5	68.25	285.1	63.55
	13	11.8	366.2	78.22	345.9	73.58	325.5	69.03	315.6	66.78	305.5	64.56	285.1	60.15
	15	13.7	366.2	74.01	345.9	69.68	325.5	65.41	315.6	63.28	305.5	61.19	285.1	57.05
100	-30	-30.2	162.4	82.10	161.2	82.76	160.1	83.44	159.3	83.75	158.9	84.07	157.7	84.72
	-24.8	-25	189.1	86.56	187.5	87.29	186.3	88.02	185.6	88.37	185.1	88.75	183.6	89.44
	-21.8	-22	205.6	89.14	204.0	89.94	202.8	90.71	202.0	91.06	201.2	91.44	200.0	92.21
	-19.8	-20	217.3	90.90	215.7	91.71	214.2	92.48	213.4	92.90	212.6	93.28	211.0	94.05
	-18.8	-19	223.2	91.78	221.6	92.60	220.0	93.40	219.3	93.82	218.5	94.21	216.9	94.98
	-16.7	-17	235.4	93.56	233.8	94.40	232.2	95.25	231.4	95.67	230.6	96.06	229.0	96.86
	-15	-15.9	242.8	94.63	241.2	95.48	239.3	96.32	238.5	96.74	237.7	97.16	236.1	97.97
	-13.7	-15	250.0	95.61	248.4	96.52	246.8	97.37	246.0	97.80	245.2	98.25	243.6	99.06
	-11.8	-13	262.0	97.28	260.4	98.20	258.5	99.09	257.6	99.51	256.5	99.93	254.9	100.8
	-9.8	-11	275.8	99.16	274.1	100.1	272.2	101.0	271.0	101.4	270.2	101.9	258.9	98.00
	-9.5	-10	282.4	100.1	280.5	101.0	278.5	101.9	277.7	102.4	276.8	102.8	258.9	95.74
	-8.5	-9.1	289.1	100.9	287.1	101.9	285.1	102.8	284.0	103.2	277.7	100.9	258.9	93.59
	-7	-7.6	300.4	102.4	298.1	103.4	296.1	104.3	286.7	100.7	277.7	97.14	258.9	90.14
	-5	-5.6	315.7	104.4	313.4	105.4	296.1	99.04	286.7	95.65	277.7	92.31	258.9	85.68
	-3	-3.7	331.0	106.3	314.5	100.7	296.1	94.24	286.7	91.03	277.7	87.85	258.9	81.61
	0	-0.7	333.0	99.15	314.5	93.10	296.1	87.18	286.7	84.24	277.7	81.35	258.9	75.61
	3	2.2	333.0	91.86	314.5	86.33	296.1	80.90	286.7	78.23	277.7	75.55	258.9	70.28
	5	4.1	333.0	87.45	314.5	82.24	296.1	77.09	286.7	74.55	277.7	72.02	258.9	67.04
	7	6	333.0	83.12	314.5	78.16	296.1	73.29	286.7	70.88	277.7	68.50	258.9	63.80
	9	7.9	333.0	78.86	314.5	74.21	296.1	69.62	286.7	67.37	277.7	65.11	258.9	60.66
	11	9.8	333.0	74.79	314.5	70.43	296.1	66.11	286.7	63.98	277.7	61.85	258.9	57.67
	13	11.8	333.0	70.70	314.5	66.58	296.1	62.55	286.7	60.54	277.7	58.56	258.9	54.65
	15	13.7	333.0	66.96	314.5	63.09	296.1	59.30	286.7	57.44	277.7	55.58	258.9	51.88

44. ARUM940LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	161.3	82.71	160.1	83.37	158.9	84.02	158.5	84.33	157.8	84.64	156.9	85.29
	-24.8	-25	187.5	87.33	186.3	88.06	184.8	88.78	184.3	89.13	183.6	89.48	182.4	90.17
	-21.8	-22	204.0	90.06	202.4	90.82	201.2	91.56	200.4	91.94	199.6	92.29	198.4	93.02
	-19.8	-20	215.3	91.90	213.8	92.67	212.2	93.44	211.4	93.83	211.0	94.21	209.4	94.94
	-18.8	-19	221.2	92.82	219.6	93.63	218.1	94.40	217.3	94.79	216.5	95.17	215.0	95.93
	-16.7	-17	233.4	94.71	231.8	95.52	229.9	96.36	229.1	96.74	228.3	97.13	227.0	97.90
	-15	-15.9	240.4	95.82	238.8	96.66	237.3	97.47	236.5	97.89	235.7	98.28	233.1	98.61
	-13.7	-15	247.6	96.91	246.0	97.76	244.4	98.60	243.6	99.02	242.8	99.44	233.1	95.80
	-11.8	-13	259.3	98.66	257.6	99.51	255.7	100.4	254.9	100.8	249.9	98.93	233.1	91.78
	-9.8	-11	272.9	100.7	271.0	101.5	266.4	101.1	258.1	97.61	249.9	94.21	233.1	87.49
	-9.5	-10	279.3	101.6	277.3	102.5	266.4	98.73	258.1	95.38	249.9	92.04	233.1	85.51
	-8.5	-9.1	285.6	102.5	283.2	103.1	266.4	96.50	258.1	93.24	249.9	90.01	233.1	83.61
	-7	-7.6	296.5	104.1	283.2	99.27	266.4	92.93	258.1	89.79	249.9	86.69	233.1	80.54
	-5	-5.6	299.7	100.4	283.2	94.32	266.4	88.31	258.1	85.36	249.9	82.42	233.1	76.63
	-3	-3.7	299.7	95.54	283.2	89.77	266.4	84.09	258.1	81.30	249.9	78.52	233.1	73.02
	0	-0.7	299.7	88.36	283.2	83.07	266.4	77.87	258.1	75.33	249.9	72.79	233.1	67.77
	3	2.2	299.7	81.99	283.2	77.14	266.4	72.39	258.1	70.05	249.9	67.71	233.1	63.09
	5	4.1	299.7	78.11	283.2	73.54	266.4	69.02	258.1	66.80	249.9	64.59	233.1	60.20
	7	6	299.7	74.26	283.2	69.94	266.4	65.67	258.1	63.57	249.9	61.47	233.1	57.33
	9	7.9	299.7	70.55	283.2	66.47	266.4	62.44	258.1	60.46	249.9	58.49	233.1	54.58
	11	9.8	299.7	66.97	283.2	63.13	266.4	59.34	258.1	57.48	249.9	55.62	233.1	51.92
	13	11.8	299.7	63.36	283.2	59.76	266.4	56.20	258.1	54.46	249.9	52.69	233.1	49.26
	15	13.7	299.7	60.07	283.2	56.70	266.4	53.35	258.1	51.69	249.9	50.07	233.1	46.83
80	-30	-30.2	160.1	83.44	158.9	84.06	157.7	84.71	157.3	85.02	156.6	85.33	155.7	85.95
	-24.8	-25	185.9	88.29	184.4	88.98	183.2	89.67	182.4	90.02	182.0	90.36	180.8	91.05
	-21.8	-22	201.7	91.17	200.4	91.90	198.9	92.63	198.4	92.98	197.7	93.32	196.5	94.02
	-19.8	-20	213.0	93.09	211.4	93.86	210.2	94.63	209.4	94.98	208.6	95.36	207.1	96.02
	-18.8	-19	218.8	94.09	217.3	94.86	215.7	95.63	214.9	95.98	214.2	96.36	207.2	93.80
	-16.7	-17	230.6	96.09	229.0	96.89	227.4	97.67	226.7	98.05	222.1	96.24	207.2	89.42
	-15	-15.9	237.6	97.28	236.1	98.09	234.2	98.86	229.5	96.91	222.1	93.55	207.2	86.85
	-13.7	-15	244.8	98.45	242.9	99.29	236.9	97.49	229.5	94.14	222.1	90.84	207.2	84.35
	-11.8	-13	255.8	100.3	251.8	99.76	236.9	93.39	229.5	90.20	222.1	87.02	207.2	80.82
	-9.8	-11	266.4	101.1	251.8	94.97	236.9	88.98	229.5	86.00	222.1	83.06	207.2	77.23
	-9.5	-10	266.4	98.73	251.8	92.78	236.9	86.93	229.5	84.06	222.1	81.19	207.2	75.52
	-8.5	-9.1	266.4	96.50	251.8	90.72	236.9	85.02	229.5	82.20	222.1	79.38	207.2	73.86
	-7	-7.6	266.4	92.93	251.8	87.36	236.9	81.90	229.5	79.20	222.1	76.51	207.2	71.23
	-5	-5.6	266.4	88.31	251.8	83.09	236.9	77.92	229.5	75.35	222.1	72.81	207.2	67.81
	-3	-3.7	266.4	84.09	251.8	79.15	236.9	74.23	229.5	71.84	222.1	69.43	207.2	64.69
	0	-0.7	266.4	77.87	251.8	73.34	236.9	68.86	229.5	66.65	222.1	64.46	207.2	60.12
	3	2.2	266.4	72.39	251.8	68.22	236.9	64.10	229.5	62.08	222.1	60.03	207.2	56.04
	5	4.1	266.4	69.02	251.8	65.06	236.9	61.17	229.5	59.24	222.1	57.30	207.2	53.51
	7	6	266.4	65.67	251.8	61.94	236.9	58.23	229.5	56.41	222.1	54.59	207.2	51.00
	9	7.9	266.4	62.44	251.8	58.91	236.9	55.43	229.5	53.70	222.1	52.00	207.2	48.61
	11	9.8	266.4	59.34	251.8	56.01	236.9	52.73	229.5	51.11	222.1	49.49	207.2	46.30
	13	11.8	266.4	56.20	251.8	53.11	236.9	50.03	229.5	48.49	222.1	46.99	207.2	43.99
	15	13.7	266.4	53.35	251.8	50.42	236.9	47.53	229.5	46.11	222.1	44.68	207.2	41.85
70	-30	-30.2	158.5	84.37	157.3	84.98	156.2	85.60	155.7	85.91	155.0	86.21	154.2	86.82

44. ARUM940LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	183.6	89.48	182.4	90.17	181.2	90.83	180.4	91.17	180.0	91.48	178.8	92.13
	-21.8	-22	199.2	92.52	197.7	93.24	196.5	93.94	195.7	94.28	194.3	94.07	181.3	87.45
	-19.8	-20	210.2	94.59	208.6	95.32	207.1	96.02	200.9	92.88	194.3	89.72	181.3	83.42
	-18.8	-19	215.7	95.66	214.1	96.40	207.2	93.80	200.9	90.69	194.3	87.61	181.3	81.48
	-16.7	-17	227.1	97.82	220.1	95.38	207.2	89.42	200.9	86.46	194.3	83.52	181.3	77.71
	-15	-15.9	233.1	98.61	220.1	92.72	207.2	86.85	200.9	83.94	194.3	81.07	181.3	75.39
	-13.7	-15	233.1	95.80	220.1	90.04	207.2	84.35	200.9	81.52	194.3	78.74	181.3	73.22
	-11.8	-13	233.1	91.78	220.1	86.24	207.2	80.82	200.9	78.12	194.3	75.46	181.3	70.21
	-9.8	-11	233.1	87.49	220.1	82.32	207.2	77.23	200.9	74.72	194.3	72.18	181.3	67.15
	-9.5	-10	233.1	85.51	220.1	80.49	207.2	75.52	200.9	73.06	194.3	70.63	181.3	65.83
	-8.5	-9.1	233.1	83.61	220.1	78.71	207.2	73.87	200.9	71.48	194.3	69.10	181.3	64.42
	-7	-7.6	233.1	80.54	220.1	75.84	207.2	71.23	200.9	68.93	194.3	66.66	181.3	62.15
	-5	-5.6	233.1	76.63	220.1	72.18	207.2	67.81	200.9	65.64	194.3	63.49	181.3	59.23
	-3	-3.7	233.1	73.02	220.1	68.85	207.2	64.69	200.9	62.63	194.3	60.60	181.3	56.57
	0	-0.7	233.1	67.77	220.1	63.92	207.2	60.12	200.9	58.22	194.3	56.36	181.3	52.65
	3	2.2	233.1	63.09	220.1	59.56	207.2	56.04	200.9	54.30	194.3	52.60	181.3	49.17
	5	4.1	233.1	60.20	220.1	56.84	207.2	53.51	200.9	51.86	194.3	50.23	181.3	47.00
	7	6	233.1	57.33	220.1	54.16	207.2	51.00	200.9	49.46	194.3	47.92	181.3	44.85
	9	7.9	233.1	54.58	220.1	51.58	207.2	48.61	200.9	47.15	194.3	45.69	181.3	42.80
	11	9.8	233.1	51.92	220.1	49.11	207.2	46.30	200.9	44.92	194.3	43.54	181.3	40.81
	13	11.8	233.1	49.26	220.1	46.60	207.2	43.99	200.9	42.69	194.3	41.39	181.3	38.82
	15	13.7	233.1	46.83	220.1	44.34	207.2	41.85	200.9	40.62	194.3	39.43	181.3	36.99
60	-30	-30.2	156.2	85.56	155.3	86.17	154.2	86.78	153.8	87.06	153.0	87.36	152.2	87.93
	-24.8	-25	180.8	91.02	179.6	91.67	177.8	91.86	172.0	88.86	166.5	85.86	155.5	79.95
	-21.8	-22	195.7	94.28	188.8	91.23	177.8	85.59	172.0	82.80	166.5	80.04	155.5	74.55
	-19.8	-20	199.8	92.41	188.8	87.01	177.8	81.65	172.0	79.02	166.5	76.39	155.5	71.18
	-18.8	-19	199.8	90.25	188.8	84.97	177.8	79.78	172.0	77.19	166.5	74.61	155.5	69.55
	-16.7	-17	199.8	86.04	188.8	81.04	177.8	76.10	172.0	73.63	166.5	71.20	155.5	66.39
	-15	-15.9	199.8	83.55	188.8	78.64	177.8	73.79	172.0	71.40	166.5	69.02	155.5	64.30
	-13.7	-15	199.8	81.13	188.8	76.38	177.8	71.69	172.0	69.35	166.5	67.05	155.5	62.49
	-11.8	-13	199.8	77.76	188.8	73.19	177.8	68.70	172.0	66.48	166.5	64.29	155.5	59.93
	-9.8	-11	199.8	74.33	188.8	70.00	177.8	65.74	172.0	63.61	166.5	61.51	155.5	57.35
	-9.5	-10	199.8	72.71	188.8	68.57	177.8	64.47	172.0	62.42	166.5	60.43	155.5	56.40
	-8.5	-9.1	199.8	71.13	188.8	67.08	177.8	63.10	172.0	61.12	166.5	59.14	155.5	55.22
	-7	-7.6	199.8	68.61	188.8	64.72	177.8	60.87	172.0	58.97	166.5	57.07	155.5	53.32
	-5	-5.6	199.8	65.33	188.8	61.67	177.8	58.02	172.0	56.24	166.5	54.42	155.5	50.90
	-3	-3.7	199.8	62.35	188.8	58.86	177.8	55.42	172.0	53.71	166.5	52.01	155.5	48.66
	0	-0.7	199.8	57.95	188.8	54.77	177.8	51.61	172.0	50.03	166.5	48.48	155.5	45.37
	3	2.2	199.8	54.07	188.8	51.13	177.8	48.21	172.0	46.78	166.5	45.32	155.5	42.48
	5	4.1	199.8	51.63	188.8	48.85	177.8	46.08	172.0	44.70	166.5	43.32	155.5	40.63
	7	6	199.8	49.23	188.8	46.61	177.8	43.97	172.0	42.69	166.5	41.39	155.5	38.83
	9	7.9	199.8	46.95	188.8	44.45	177.8	41.97	172.0	40.74	166.5	39.52	155.5	37.11
	11	9.8	199.8	44.72	188.8	42.38	177.8	40.05	172.0	38.90	166.5	37.75	155.5	35.46
	13	11.8	199.8	42.50	188.8	40.28	177.8	38.10	172.0	37.02	166.5	35.92	155.5	33.79
	15	13.7	199.8	40.47	188.8	38.37	177.8	36.31	172.0	35.31	166.5	34.28	155.5	32.26
50	-30	-30.2	153.4	87.20	152.6	87.78	148.0	85.83	143.4	83.06	138.7	80.30	129.6	74.86
	-24.8	-25	166.5	85.86	157.4	80.93	148.0	76.05	143.4	73.62	138.7	71.22	129.6	66.45

44. ARUM940LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	166.5	80.04	157.4	75.48	148.0	70.94	143.4	68.70	138.7	66.47	129.6	62.06
	-19.8	-20	166.5	76.39	157.4	72.04	148.0	67.73	143.4	65.62	138.7	63.51	129.6	59.30
	-18.8	-19	166.5	74.64	157.4	70.38	148.0	66.20	143.4	64.12	138.7	62.06	129.6	57.97
	-16.7	-17	166.5	71.20	157.4	67.18	148.0	63.20	143.4	61.25	138.7	59.27	129.6	55.38
	-15	-15.9	166.5	69.02	157.4	65.08	148.0	61.22	143.4	59.28	138.7	57.37	129.6	53.61
	-13.7	-15	166.5	67.05	157.4	63.23	148.0	59.49	143.4	57.63	138.7	55.77	129.6	52.12
	-11.8	-13	166.5	64.29	157.4	60.64	148.0	57.06	143.4	55.28	138.7	53.50	129.6	50.02
	-9.8	-11	166.5	61.51	157.4	58.05	148.0	54.64	143.4	52.94	138.7	51.24	129.6	47.91
	-9.5	-10	166.5	60.43	157.4	57.09	148.0	53.76	143.4	52.13	138.7	50.51	129.6	47.27
	-8.5	-9.1	166.5	59.14	157.4	55.88	148.0	52.67	143.4	51.05	138.7	49.46	129.6	46.30
	-7	-7.6	166.5	57.07	157.4	53.94	148.0	50.84	143.4	49.33	138.7	47.79	129.6	44.78
	-5	-5.6	166.5	54.42	157.4	51.48	148.0	48.55	143.4	47.09	138.7	45.66	129.6	42.78
	-3	-3.7	166.5	52.01	157.4	49.23	148.0	46.46	143.4	45.07	138.7	43.69	129.6	40.97
	0	-0.7	166.5	48.48	157.4	45.90	148.0	43.33	143.4	42.07	138.7	40.80	129.6	38.31
	3	2.2	166.5	45.32	157.4	42.94	148.0	40.60	143.4	39.45	138.7	38.26	129.6	35.94
	5	4.1	166.5	43.32	157.4	41.09	148.0	38.83	143.4	37.72	138.7	36.62	129.6	34.44
	7	6	166.5	41.39	157.4	39.25	148.0	37.15	143.4	36.08	138.7	35.05	129.6	32.99
	9	7.9	166.5	39.52	157.4	37.52	148.0	35.51	143.4	34.52	138.7	33.53	129.6	31.58
	11	9.8	166.5	37.75	157.4	35.84	148.0	33.94	143.4	33.02	138.7	32.08	129.6	30.22
	13	11.8	166.5	35.92	157.4	34.13	148.0	32.38	143.4	31.47	138.7	30.60	129.6	28.85
	15	13.7	166.5	34.28	157.4	32.58	148.0	30.90	143.4	30.10	138.7	29.27	129.6	27.60

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

44. ARUM940LTE6

44.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	164.8	80.83	163.6	81.52	162.1	82.21	161.6	82.53	160.9	82.87	159.7	83.56
	-24.8	-25	192.2	84.87	190.7	85.64	189.1	86.41	188.7	86.79	187.9	87.17	186.4	87.91
	-21.8	-22	209.1	87.18	207.6	88.02	206.3	88.83	205.5	89.22	204.7	89.63	203.2	90.41
	-19.8	-20	221.3	88.75	219.7	89.60	218.1	90.44	217.3	90.86	216.5	91.29	214.9	92.09
	-18.8	-19	227.5	89.52	225.6	90.40	224.0	91.25	223.2	91.67	222.4	92.10	220.9	92.94
	-16.7	-17	240.1	91.10	238.5	91.98	236.9	92.90	235.8	93.33	235.0	93.75	233.4	94.63
	-15	-15.9	247.9	92.02	246.0	92.94	244.4	93.83	243.6	94.28	242.5	94.71	240.9	95.59
	-13.7	-15	255.1	92.84	253.5	93.80	251.6	94.72	250.8	95.18	250.0	95.64	248.4	96.53
	-11.8	-13	268.0	94.32	266.0	95.28	264.3	96.24	263.2	96.71	262.4	97.17	260.5	98.09
	-9.8	-11	282.5	95.93	280.5	96.93	278.5	97.90	277.7	98.39	276.5	98.86	274.6	99.78
	-9.5	-10	289.5	96.67	287.5	97.70	285.5	98.67	284.4	99.16	283.5	99.66	281.3	100.6
	-8.5	-9.1	296.6	97.43	294.2	98.43	292.2	99.44	291.1	99.93	290.2	100.4	288.2	101.4
	-7	-7.6	308.3	98.66	306.0	99.70	304.0	100.7	302.8	101.2	301.6	101.7	299.6	102.7
	-5	-5.6	324.8	100.3	322.4	101.4	320.0	102.5	318.9	103.0	317.7	103.5	315.3	104.5
	-3	-3.7	340.9	101.9	338.5	103.0	336.1	104.1	334.9	104.7	333.7	105.2	331.3	106.2
	0	-0.7	367.5	104.5	365.1	105.7	362.3	106.8	360.8	107.3	359.6	107.9	336.8	100.3
	3	2.2	394.5	107.0	391.3	108.2	385.0	107.9	372.9	104.1	360.7	100.3	336.8	92.99
	5	4.1	409.7	107.7	385.4	100.5	361.2	93.51	349.0	90.05	336.9	86.61	312.5	79.88
	7	6	386.1	93.34	361.5	86.77	336.9	80.35	324.7	77.18	312.2	74.03	287.5	67.84
	9	7.9	361.5	80.05	336.8	74.12	311.8	68.28	299.3	65.41	286.7	62.57	261.7	56.95
	11	9.8	336.0	67.99	311.0	62.66	285.9	57.40	273.4	54.84	260.5	52.25	235.0	47.17
	13	11.8	309.8	56.95	284.4	52.20	258.9	47.53	246.3	45.22	233.4	42.92	207.6	38.39
	15	13.7	282.4	47.21	256.9	43.02	231.1	38.87	218.2	36.81	205.2	34.78	179.0	30.74
120	-30	-30.2	164.0	81.18	162.8	81.87	161.6	82.53	160.9	82.87	160.5	83.22	159.3	83.87
	-24.8	-25	191.1	85.33	189.9	86.10	188.3	86.87	187.9	87.25	187.1	87.60	185.6	88.33
	-21.8	-22	208.3	87.75	206.7	88.56	205.2	89.36	204.4	89.75	203.6	90.14	202.4	90.91
	-19.8	-20	220.1	89.36	218.5	90.21	216.9	91.02	216.1	91.44	215.4	91.83	213.8	92.63
	-18.8	-19	226.3	90.17	224.4	91.02	222.8	91.86	222.1	92.29	221.3	92.71	219.7	93.51
	-16.7	-17	238.9	91.79	237.3	92.67	235.4	93.56	234.6	93.98	233.8	94.40	232.2	95.25
	-15	-15.9	246.4	92.75	244.8	93.64	242.9	94.55	242.0	94.98	241.2	95.40	239.6	96.28
	-13.7	-15	253.6	93.64	251.9	94.57	250.3	95.49	249.5	95.95	248.4	96.37	246.8	97.26
	-11.8	-13	266.4	95.17	264.4	96.13	262.5	97.05	261.6	97.51	260.8	97.97	258.9	98.86
	-9.8	-11	280.8	96.85	278.5	97.82	276.6	98.78	275.7	99.24	274.6	99.71	272.9	100.6
	-9.5	-10	287.5	97.63	285.6	98.63	283.6	99.59	282.4	100.1	281.6	100.6	279.6	101.5
	-8.5	-9.1	294.6	98.43	292.2	99.43	290.2	100.4	289.1	100.9	288.3	101.4	286.3	102.3
	-7	-7.6	306.0	99.70	303.9	100.7	301.6	101.7	300.5	102.2	299.6	102.7	297.3	103.7
	-5	-5.6	322.0	101.5	319.7	102.5	317.6	103.6	316.5	104.1	315.3	104.6	311.0	104.5
	-3	-3.7	338.1	103.2	335.7	104.3	333.3	105.3	332.1	105.8	331.0	106.3	311.0	99.43
	0	-0.7	364.3	106.0	361.6	107.1	355.2	106.5	344.3	102.8	333.0	99.15	311.0	91.89
	3	2.2	390.5	108.6	377.5	105.5	355.2	98.65	344.3	95.23	333.0	91.86	311.0	85.24
	5	4.1	378.3	98.42	356.0	91.98	333.4	85.67	322.3	82.54	311.0	79.45	288.6	73.36
	7	6	356.4	85.40	333.7	79.49	311.0	73.72	299.6	70.84	288.3	68.03	265.5	62.41
	9	7.9	333.7	73.38	310.6	68.05	287.9	62.80	276.5	60.20	264.8	57.61	241.6	52.51
	11	9.8	310.2	62.47	287.1	57.66	264.0	52.91	252.2	50.59	240.5	48.25	217.0	43.63
	13	11.8	285.9	52.47	262.4	48.15	239.0	43.92	227.2	41.84	215.4	39.77	191.5	35.64

44. ARUM940LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	260.8	43.63	237.0	39.83	213.4	36.05	201.3	34.21	189.5	32.34	165.2	28.69
110	-30	-30.2	163.2	81.60	162.1	82.29	160.9	82.95	160.4	83.29	159.7	83.60	158.5	84.26
	-24.8	-25	190.3	85.90	188.7	86.64	187.5	87.40	186.7	87.75	186.0	88.13	184.8	88.83
	-21.8	-22	207.1	88.37	205.5	89.18	204.0	89.98	203.2	90.36	202.4	90.75	201.2	91.51
	-19.8	-20	218.9	90.06	217.3	90.90	215.7	91.71	214.9	92.10	214.2	92.51	212.6	93.29
	-18.8	-19	224.8	90.90	223.2	91.75	221.6	92.56	220.8	92.98	220.0	93.40	218.5	94.17
	-16.7	-17	237.3	92.60	235.7	93.48	233.8	94.33	233.0	94.75	232.2	95.17	230.6	95.98
	-15	-15.9	244.8	93.60	243.2	94.48	241.3	95.36	240.5	95.79	239.7	96.21	238.1	97.05
	-13.7	-15	252.0	94.56	250.3	95.45	248.7	96.37	247.6	96.80	246.8	97.22	245.2	98.10
	-11.8	-13	264.4	96.13	262.4	97.09	260.8	97.98	259.7	98.43	258.9	98.86	256.9	99.74
	-9.8	-11	278.5	97.90	276.5	98.86	274.6	99.81	273.7	100.2	272.6	100.7	270.6	101.6
	-9.5	-10	285.2	98.74	283.2	99.70	281.2	100.7	280.4	101.1	279.3	101.6	277.3	102.5
	-8.5	-9.1	291.9	99.58	289.9	100.6	287.9	101.5	286.7	102.0	285.9	102.4	283.9	103.4
	-7	-7.6	303.5	101.0	301.2	101.9	299.2	102.9	298.1	103.4	296.9	103.9	285.1	99.98
	-5	-5.6	319.2	102.8	316.9	103.9	314.5	104.8	313.4	105.3	305.5	102.5	285.1	94.98
	-3	-3.7	334.9	104.7	332.5	105.7	325.5	104.7	315.6	101.1	305.5	97.47	285.1	90.40
	0	-0.7	360.4	107.6	345.9	103.4	325.5	96.72	315.6	93.42	305.5	90.12	285.1	83.66
	3	2.2	366.2	102.1	345.9	95.79	325.5	89.66	315.6	86.61	305.5	83.60	285.1	77.69
	5	4.1	346.7	89.39	326.3	83.67	305.8	78.01	295.3	75.23	285.1	72.47	264.4	66.98
	7	6	326.6	77.69	305.9	72.43	285.1	67.25	274.6	64.69	264.3	62.13	243.2	57.13
	9	7.9	305.9	66.88	284.8	62.11	264.0	57.41	253.4	55.09	242.8	52.78	221.3	48.19
	11	9.8	284.3	57.09	263.2	52.76	242.0	48.51	231.1	46.40	220.5	44.32	199.0	40.18
	13	11.8	262.0	48.07	240.5	44.22	219.3	40.42	208.4	38.51	197.4	36.67	175.5	32.93
	15	13.7	238.9	40.10	217.4	36.69	195.5	33.29	184.5	31.62	173.5	29.94	151.2	26.64
100	-30	-30.2	162.4	82.10	161.2	82.76	160.1	83.44	159.3	83.75	158.9	84.07	157.7	84.72
	-24.8	-25	189.1	86.56	187.5	87.29	186.3	88.02	185.6	88.37	185.1	88.75	183.6	89.44
	-21.8	-22	205.6	89.14	204.0	89.94	202.8	90.71	202.0	91.06	201.2	91.44	200.0	92.21
	-19.8	-20	217.3	90.90	215.7	91.71	214.2	92.48	213.4	92.90	212.6	93.28	211.0	94.05
	-18.8	-19	223.2	91.78	221.6	92.60	220.0	93.40	219.3	93.82	218.5	94.21	216.9	94.98
	-16.7	-17	235.4	93.56	233.8	94.40	232.2	95.25	231.4	95.67	230.6	96.06	229.0	96.86
	-15	-15.9	242.8	94.63	241.2	95.48	239.3	96.32	238.5	96.74	237.7	97.16	236.1	97.97
	-13.7	-15	250.0	95.61	248.4	96.52	246.8	97.37	246.0	97.80	245.2	98.25	243.6	99.06
	-11.8	-13	262.0	97.28	260.4	98.20	258.5	99.09	257.6	99.51	256.5	99.93	254.9	100.8
	-9.8	-11	275.8	99.16	274.1	100.1	272.2	101.0	271.0	101.4	270.2	101.9	258.9	98.00
	-9.5	-10	282.4	100.1	280.5	101.0	278.5	101.9	277.7	102.4	276.8	102.8	258.9	95.74
	-8.5	-9.1	289.1	100.9	287.1	101.9	285.1	102.8	284.0	103.2	277.7	100.9	258.9	93.59
	-7	-7.6	300.4	102.4	298.1	103.4	296.1	104.3	286.7	100.7	277.7	97.14	258.9	90.14
	-5	-5.6	315.7	104.4	313.4	105.4	296.1	99.04	286.7	95.65	277.7	92.31	258.9	85.68
	-3	-3.7	331.0	106.3	314.5	100.7	296.1	94.24	286.7	91.03	277.7	87.85	258.9	81.61
	0	-0.7	333.0	99.15	314.5	93.10	296.1	87.18	286.7	84.24	277.7	81.35	258.9	75.61
	3	2.2	333.0	91.86	314.5	86.33	296.1	80.90	286.7	78.23	277.7	75.55	258.9	70.28
	5	4.1	315.3	80.63	296.5	75.55	278.0	70.55	268.7	68.07	259.3	65.61	240.5	60.73
	7	6	296.9	70.17	278.1	65.51	259.3	60.93	249.8	58.64	240.1	56.40	221.3	51.92
	9	7.9	278.1	60.56	258.9	56.33	239.7	52.16	230.3	50.08	220.5	48.03	201.3	43.96
	11	9.8	258.5	51.83	239.3	48.01	219.8	44.21	210.3	42.33	200.5	40.48	180.9	36.77
	13	11.8	238.1	43.77	218.9	40.35	199.3	36.94	189.5	35.26	179.4	33.61	159.5	30.27
	15	13.7	217.3	36.66	197.7	33.60	177.8	30.59	168.0	29.07	157.8	27.59	137.5	24.63

44. ARUM940LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	161.3	82.71	160.1	83.37	158.9	84.02	158.5	84.33	157.8	84.64	156.9	85.29
	-24.8	-25	187.5	87.33	186.3	88.06	184.8	88.78	184.3	89.13	183.6	89.48	182.4	90.17
	-21.8	-22	204.0	90.06	202.4	90.82	201.2	91.56	200.4	91.94	199.6	92.29	198.4	93.02
	-19.8	-20	215.3	91.90	213.8	92.67	212.2	93.44	211.4	93.83	211.0	94.21	209.4	94.94
	-18.8	-19	221.2	92.82	219.6	93.63	218.1	94.40	217.3	94.79	216.5	95.17	215.0	95.93
	-16.7	-17	233.4	94.71	231.8	95.52	229.9	96.36	229.1	96.74	228.3	97.13	227.0	97.90
	-15	-15.9	240.4	95.82	238.8	96.66	237.3	97.47	236.5	97.89	235.7	98.28	233.1	98.61
	-13.7	-15	247.6	96.91	246.0	97.76	244.4	98.60	243.6	99.02	242.8	99.44	233.1	95.80
	-11.8	-13	259.3	98.66	257.6	99.51	255.7	100.4	254.9	100.8	249.9	98.93	233.1	91.78
	-9.8	-11	272.9	100.7	271.0	101.5	266.4	101.1	258.1	97.61	249.9	94.21	233.1	87.49
	-9.5	-10	279.3	101.6	277.3	102.5	266.4	98.73	258.1	95.38	249.9	92.04	233.1	85.51
	-8.5	-9.1	285.6	102.5	283.2	103.1	266.4	96.50	258.1	93.24	249.9	90.01	233.1	83.61
	-7	-7.6	296.5	104.1	283.2	99.27	266.4	92.93	258.1	89.79	249.9	86.69	233.1	80.54
	-5	-5.6	299.7	100.4	283.2	94.32	266.4	88.31	258.1	85.36	249.9	82.42	233.1	76.63
	-3	-3.7	299.7	95.54	283.2	89.77	266.4	84.09	258.1	81.30	249.9	78.52	233.1	73.02
	0	-0.7	299.7	88.36	283.2	83.07	266.4	77.87	258.1	75.33	249.9	72.79	233.1	67.77
	3	2.2	299.7	81.99	283.2	77.14	266.4	72.39	258.1	70.05	249.9	67.71	233.1	63.09
	5	4.1	283.6	72.11	267.1	67.64	250.2	63.25	241.7	61.07	233.4	58.90	216.2	54.61
	7	6	267.1	62.87	250.3	58.79	233.4	54.74	224.8	52.76	216.2	50.76	199.0	46.83
	9	7.9	250.3	54.40	233.1	50.69	215.8	47.00	207.2	45.19	198.6	43.38	181.3	39.78
	11	9.8	232.6	46.70	215.4	43.32	197.8	39.98	189.2	38.34	180.5	36.69	162.9	33.41
	13	11.8	214.3	39.58	197.0	36.56	179.4	33.58	170.4	32.09	161.7	30.61	143.7	27.65
	15	13.7	195.5	33.29	177.8	30.59	160.2	27.93	151.2	26.60	142.1	25.28	123.8	22.64
80	-30	-30.2	160.1	83.44	158.9	84.06	157.7	84.71	157.3	85.02	156.6	85.33	155.7	85.95
	-24.8	-25	185.9	88.29	184.4	88.98	183.2	89.67	182.4	90.02	182.0	90.36	180.8	91.05
	-21.8	-22	201.7	91.17	200.4	91.90	198.9	92.63	198.4	92.98	197.7	93.32	196.5	94.02
	-19.8	-20	213.0	93.09	211.4	93.86	210.2	94.63	209.4	94.98	208.6	95.36	207.1	96.02
	-18.8	-19	218.8	94.09	217.3	94.86	215.7	95.63	214.9	95.98	214.2	96.36	207.2	93.80
	-16.7	-17	230.6	96.09	229.0	96.89	227.4	97.67	226.7	98.05	222.1	96.24	207.2	89.42
	-15	-15.9	237.6	97.28	236.1	98.09	234.2	98.86	229.5	96.91	222.1	93.55	207.2	86.85
	-13.7	-15	244.8	98.45	242.9	99.29	236.9	97.49	229.5	94.14	222.1	90.84	207.2	84.35
	-11.8	-13	255.8	100.3	251.8	99.76	236.9	93.39	229.5	90.20	222.1	87.02	207.2	80.82
	-9.8	-11	266.4	101.1	251.8	94.97	236.9	88.98	229.5	86.00	222.1	83.06	207.2	77.23
	-9.5	-10	266.4	98.73	251.8	92.78	236.9	86.93	229.5	84.06	222.1	81.19	207.2	75.52
	-8.5	-9.1	266.4	96.50	251.8	90.72	236.9	85.02	229.5	82.20	222.1	79.38	207.2	73.86
	-7	-7.6	266.4	92.93	251.8	87.36	236.9	81.90	229.5	79.20	222.1	76.51	207.2	71.23
	-5	-5.6	266.4	88.31	251.8	83.09	236.9	77.92	229.5	75.35	222.1	72.81	207.2	67.81
	-3	-3.7	266.4	84.09	251.8	79.15	236.9	74.23	229.5	71.84	222.1	69.43	207.2	64.69
	0	-0.7	266.4	77.87	251.8	73.34	236.9	68.86	229.5	66.65	222.1	64.46	207.2	60.12
	3	2.2	266.4	72.39	251.8	68.22	236.9	64.10	229.5	62.08	222.1	60.03	207.2	56.04
	5	4.1	252.2	63.79	237.3	59.95	222.4	56.12	215.0	54.23	207.2	52.37	192.3	48.67
	7	6	237.7	55.74	222.5	52.22	207.2	48.72	199.8	46.99	192.3	45.29	177.0	41.87
	9	7.9	222.5	48.38	207.2	45.18	191.9	41.97	184.1	40.39	176.6	38.82	161.0	35.69
	11	9.8	206.8	41.67	191.5	38.76	175.9	35.85	168.1	34.41	160.2	32.99	144.6	30.14
	13	11.8	190.7	35.48	175.1	32.85	159.4	30.23	151.6	28.94	143.7	27.65	127.7	25.11
	15	13.7	173.9	29.98	158.2	27.63	142.2	25.31	134.3	24.14	126.2	22.98	110.1	20.68
70	-30	-30.2	158.5	84.37	157.3	84.98	156.2	85.60	155.7	85.91	155.0	86.21	154.2	86.82

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	183.6	89.48	182.4	90.17	181.2	90.83	180.4	91.17	180.0	91.48	178.8	92.13
	-21.8	-22	199.2	92.52	197.7	93.24	196.5	93.94	195.7	94.28	194.3	94.07	181.3	87.45
	-19.8	-20	210.2	94.59	208.6	95.32	207.1	96.02	200.9	92.88	194.3	89.72	181.3	83.42
	-18.8	-19	215.7	95.66	214.1	96.40	207.2	93.80	200.9	90.69	194.3	87.61	181.3	81.48
	-16.7	-17	227.1	97.82	220.1	95.38	207.2	89.42	200.9	86.46	194.3	83.52	181.3	77.71
	-15	-15.9	233.1	98.61	220.1	92.72	207.2	86.85	200.9	83.94	194.3	81.07	181.3	75.39
	-13.7	-15	233.1	95.80	220.1	90.04	207.2	84.35	200.9	81.52	194.3	78.74	181.3	73.22
	-11.8	-13	233.1	91.78	220.1	86.24	207.2	80.82	200.9	78.12	194.3	75.46	181.3	70.21
	-9.8	-11	233.1	87.49	220.1	82.32	207.2	77.23	200.9	74.72	194.3	72.18	181.3	67.15
	-9.5	-10	233.1	85.51	220.1	80.49	207.2	75.52	200.9	73.06	194.3	70.63	181.3	65.83
	-8.5	-9.1	233.1	83.61	220.1	78.71	207.2	73.87	200.9	71.48	194.3	69.10	181.3	64.42
	-7	-7.6	233.1	80.54	220.1	75.84	207.2	71.23	200.9	68.93	194.3	66.66	181.3	62.15
	-5	-5.6	233.1	76.63	220.1	72.18	207.2	67.81	200.9	65.64	194.3	63.49	181.3	59.23
	-3	-3.7	233.1	73.02	220.1	68.85	207.2	64.69	200.9	62.63	194.3	60.60	181.3	56.57
	0	-0.7	233.1	67.77	220.1	63.92	207.2	60.12	200.9	58.22	194.3	56.36	181.3	52.65
	3	2.2	233.1	63.09	220.1	59.56	207.2	56.04	200.9	54.30	194.3	52.60	181.3	49.17
	5	4.1	220.6	55.73	207.6	52.45	194.6	49.21	188.0	47.59	181.4	45.98	168.4	42.82
	7	6	207.9	48.83	194.7	45.83	181.4	42.87	174.7	41.38	168.1	39.92	154.7	36.98
	9	7.9	194.6	42.54	181.3	39.78	168.0	37.06	161.3	35.72	154.4	34.39	141.0	31.69
	11	9.8	180.9	36.77	167.6	34.29	153.9	31.81	147.2	30.59	140.2	29.35	126.5	26.92
	13	11.8	166.8	31.45	153.1	29.21	139.4	27.00	132.7	25.87	125.7	24.77	111.6	22.55
	15	13.7	152.0	26.75	138.3	24.72	124.5	22.75	117.5	21.73	110.5	20.75	96.30	18.77
60	-30	-30.2	156.2	85.56	155.3	86.17	154.2	86.78	153.8	87.06	153.0	87.36	152.2	87.93
	-24.8	-25	180.8	91.02	179.6	91.67	177.8	91.86	172.0	88.86	166.5	85.86	155.5	79.95
	-21.8	-22	195.7	94.28	188.8	91.23	177.8	85.59	172.0	82.80	166.5	80.04	155.5	74.55
	-19.8	-20	199.8	92.41	188.8	87.01	177.8	81.65	172.0	79.02	166.5	76.39	155.5	71.18
	-18.8	-19	199.8	90.25	188.8	84.97	177.8	79.78	172.0	77.19	166.5	74.61	155.5	69.55
	-16.7	-17	199.8	86.04	188.8	81.04	177.8	76.10	172.0	73.63	166.5	71.20	155.5	66.39
	-15	-15.9	199.8	83.55	188.8	78.64	177.8	73.79	172.0	71.40	166.5	69.02	155.5	64.30
	-13.7	-15	199.8	81.13	188.8	76.38	177.8	71.69	172.0	69.35	166.5	67.05	155.5	62.49
	-11.8	-13	199.8	77.76	188.8	73.19	177.8	68.70	172.0	66.48	166.5	64.29	155.5	59.93
	-9.8	-11	199.8	74.33	188.8	70.00	177.8	65.74	172.0	63.61	166.5	61.51	155.5	57.35
	-9.5	-10	199.8	72.71	188.8	68.57	177.8	64.47	172.0	62.42	166.5	60.43	155.5	56.40
	-8.5	-9.1	199.8	71.13	188.8	67.08	177.8	63.10	172.0	61.12	166.5	59.14	155.5	55.22
	-7	-7.6	199.8	68.61	188.8	64.72	177.8	60.87	172.0	58.97	166.5	57.07	155.5	53.32
	-5	-5.6	199.8	65.33	188.8	61.67	177.8	58.02	172.0	56.24	166.5	54.42	155.5	50.90
	-3	-3.7	199.8	62.35	188.8	58.86	177.8	55.42	172.0	53.71	166.5	52.01	155.5	48.66
	0	-0.7	199.8	57.95	188.8	54.77	177.8	51.61	172.0	50.03	166.5	48.48	155.5	45.37
	3	2.2	199.8	54.07	188.8	51.13	177.8	48.21	172.0	46.78	166.5	45.32	155.5	42.48
	5	4.1	189.2	47.86	177.9	45.17	166.8	42.44	161.0	41.10	155.5	39.76	144.2	37.12
	7	6	178.2	42.14	166.9	39.62	155.5	37.13	150.0	35.91	144.1	34.68	132.8	32.25
	9	7.9	166.8	36.84	155.5	34.55	143.8	32.29	138.2	31.15	132.4	30.02	120.7	27.78
	11	9.8	155.1	32.01	143.4	29.95	132.0	27.86	126.1	26.84	120.2	25.82	108.5	23.74
	13	11.8	142.9	27.54	131.2	25.68	119.5	23.79	113.6	22.88	107.7	21.95	95.60	20.07
	15	13.7	130.4	23.58	118.6	21.88	106.6	20.23	100.7	19.37	94.80	18.54	82.60	16.86
50	-30	-30.2	153.4	87.20	152.6	87.78	148.0	85.83	143.4	83.06	138.7	80.30	129.6	74.86
	-24.8	-25	166.5	85.86	157.4	80.93	148.0	76.05	143.4	73.62	138.7	71.22	129.6	66.45

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	166.5	80.04	157.4	75.48	148.0	70.94	143.4	68.70	138.7	66.47	129.6	62.06
	-19.8	-20	166.5	76.39	157.4	72.04	148.0	67.73	143.4	65.62	138.7	63.51	129.6	59.30
	-18.8	-19	166.5	74.64	157.4	70.38	148.0	66.20	143.4	64.12	138.7	62.06	129.6	57.97
	-16.7	-17	166.5	71.20	157.4	67.18	148.0	63.20	143.4	61.25	138.7	59.27	129.6	55.38
	-15	-15.9	166.5	69.02	157.4	65.08	148.0	61.22	143.4	59.28	138.7	57.37	129.6	53.61
	-13.7	-15	166.5	67.05	157.4	63.23	148.0	59.49	143.4	57.63	138.7	55.77	129.6	52.12
	-11.8	-13	166.5	64.29	157.4	60.64	148.0	57.06	143.4	55.28	138.7	53.50	129.6	50.02
	-9.8	-11	166.5	61.51	157.4	58.05	148.0	54.64	143.4	52.94	138.7	51.24	129.6	47.91
	-9.5	-10	166.5	60.43	157.4	57.09	148.0	53.76	143.4	52.13	138.7	50.51	129.6	47.27
	-8.5	-9.1	166.5	59.14	157.4	55.88	148.0	52.67	143.4	51.05	138.7	49.46	129.6	46.30
	-7	-7.6	166.5	57.07	157.4	53.94	148.0	50.84	143.4	49.33	138.7	47.79	129.6	44.78
	-5	-5.6	166.5	54.42	157.4	51.48	148.0	48.55	143.4	47.09	138.7	45.66	129.6	42.78
	-3	-3.7	166.5	52.01	157.4	49.23	148.0	46.46	143.4	45.07	138.7	43.69	129.6	40.97
	0	-0.7	166.5	48.48	157.4	45.90	148.0	43.33	143.4	42.07	138.7	40.80	129.6	38.31
	3	2.2	166.5	45.32	157.4	42.94	148.0	40.60	143.4	39.45	138.7	38.26	129.6	35.94
	5	4.1	157.5	40.29	148.4	38.08	139.0	35.90	134.3	34.80	129.6	33.73	120.2	31.59
	7	6	148.4	35.60	139.0	33.58	129.6	31.57	124.9	30.57	120.2	29.59	110.5	27.58
	9	7.9	139.0	31.31	129.6	29.45	119.9	27.62	115.1	26.68	110.4	25.77	100.7	23.96
	11	9.8	129.2	27.37	119.5	25.67	110.0	24.01	105.0	23.18	100.3	22.32	90.50	20.66
	13	11.8	119.1	23.72	109.3	22.21	99.50	20.67	94.80	19.92	89.70	19.17	79.90	17.64
	15	13.7	108.5	20.49	98.70	19.11	88.90	17.75	83.80	17.05	78.80	16.38	68.90	15.00

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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44.5 Capacity Correction Factor

44.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-60	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-50	-	-	-	-	-	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-40	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-20	-	-	97.0	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
30	-	-	-	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
50	-	-	-	-	-	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
60	-	-	-	-	-	-	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
70	-	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
80	-	-	-	-	-	-	-	-	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

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44.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

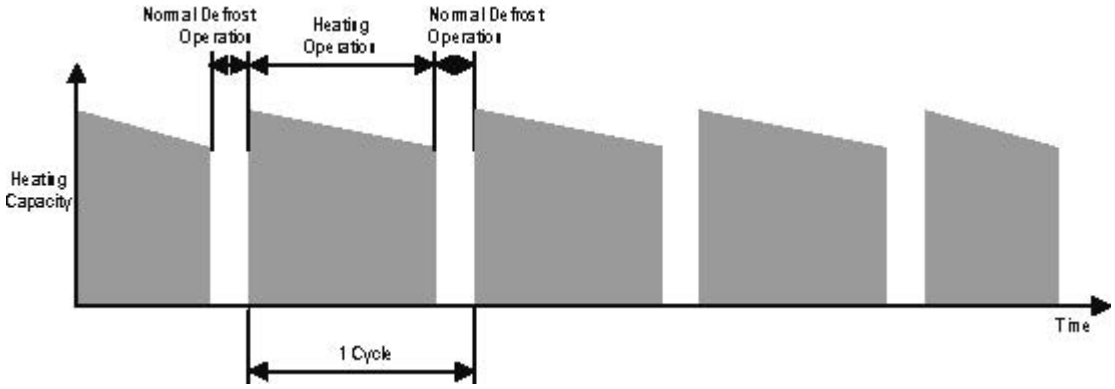
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

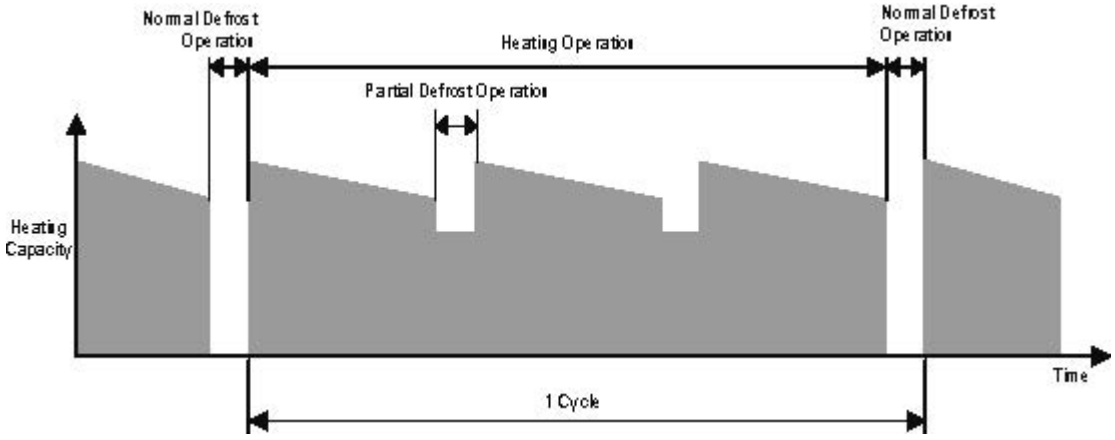
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

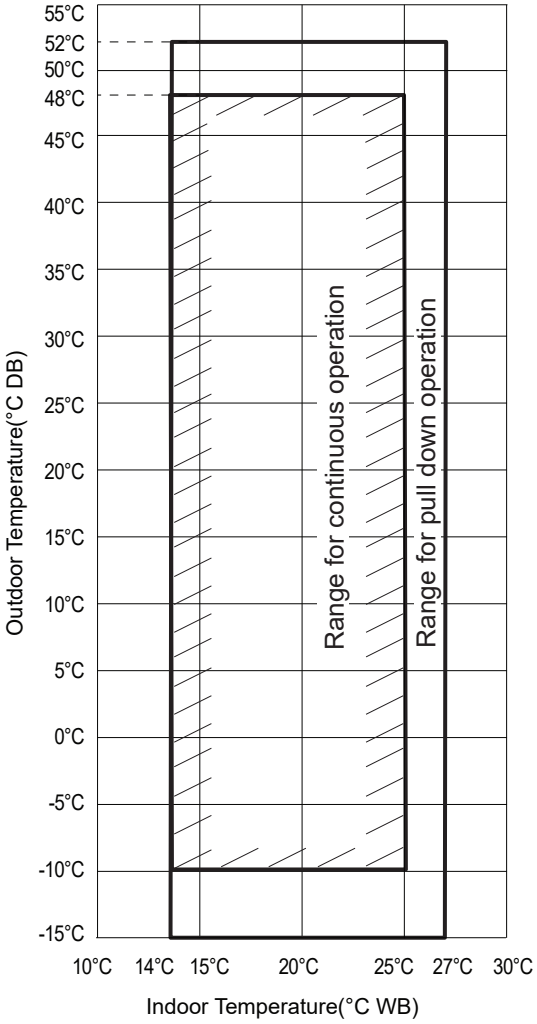


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

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44.6 Operation Limits

44.6.1 Cooling

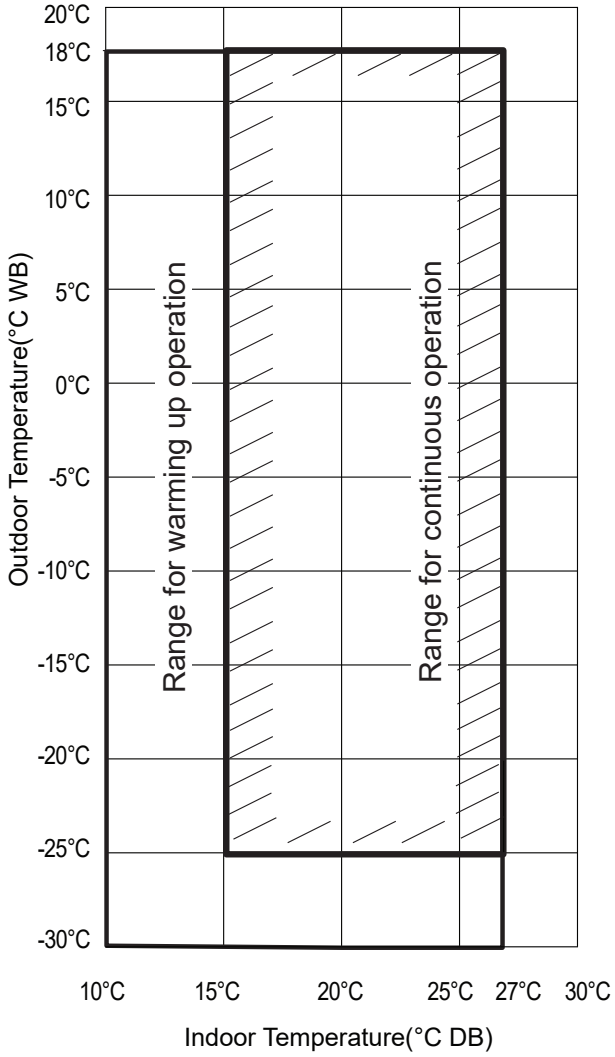


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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44.6.2 Heating

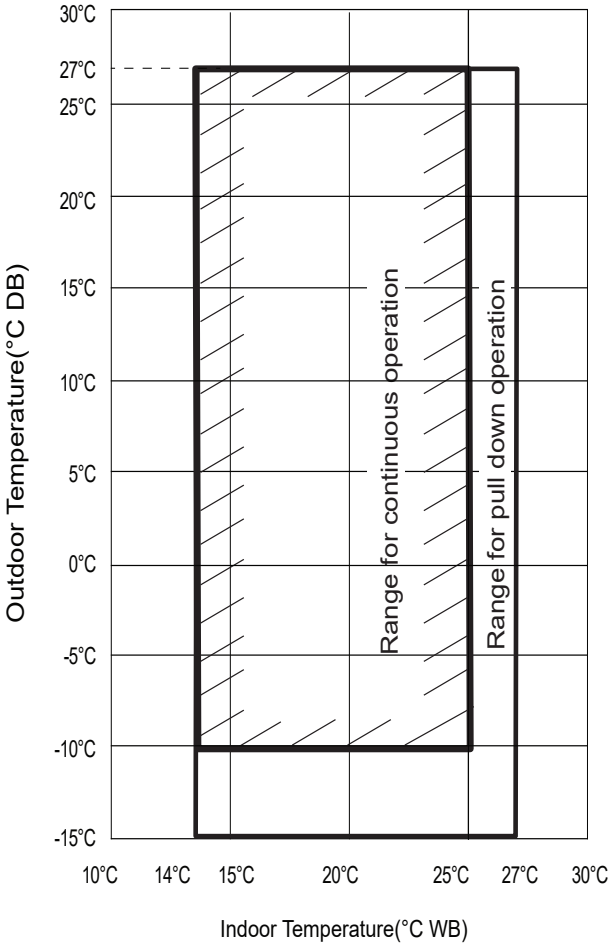


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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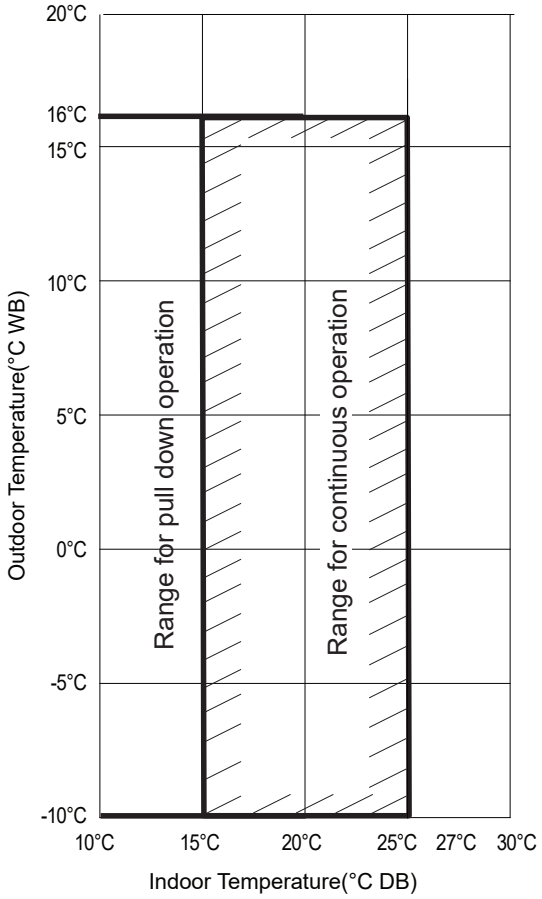
44.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

44.6.4 Simultaneous Operation (Heating)



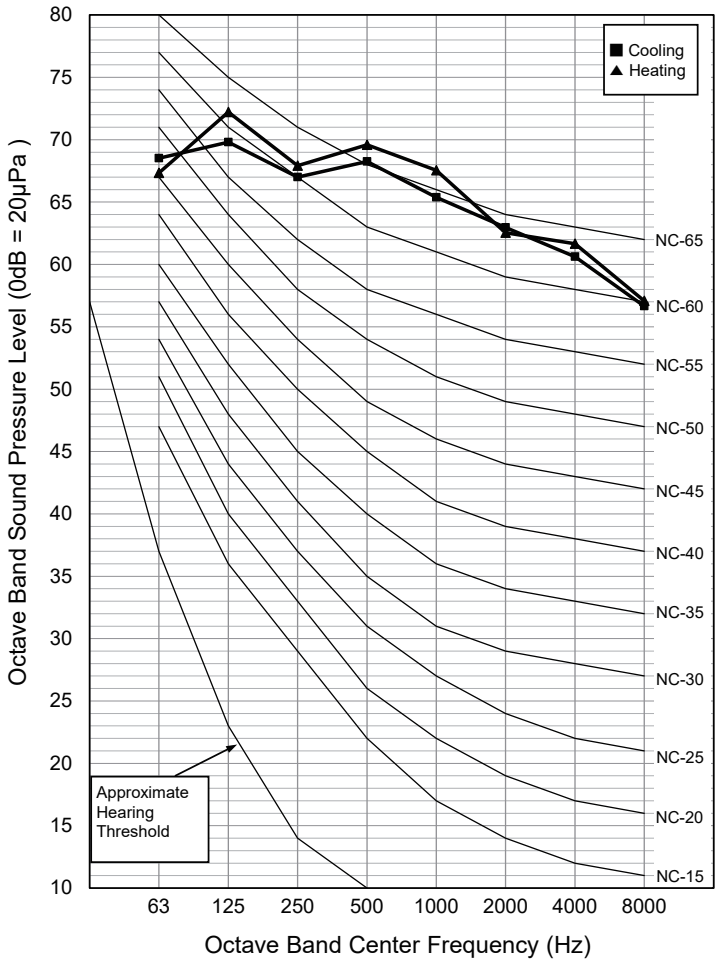
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

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44.7 Sound Levels

44.7.1 Pressure Levels



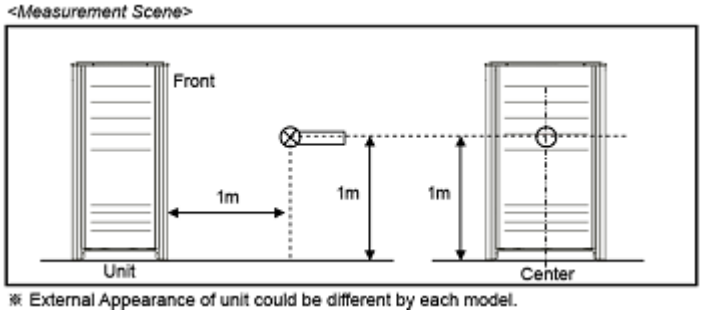
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	68.5	69.8	67.0	68.3	65.4	63.0	60.6	56.6
Heating[dB]	67.3	72.2	67.9	69.6	67.6	62.5	61.7	57.1

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	70.8 / 72.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

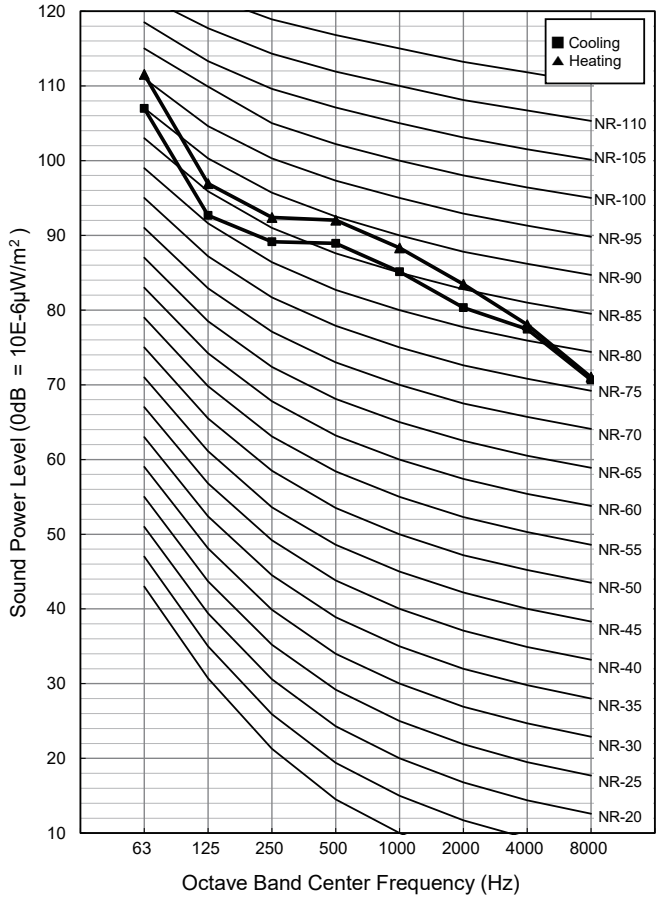
<Measurement Scene>



※ External Appearance of unit could be different by each model.

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44.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.0	92.7	89.2	88.9	85.1	80.3	77.4	70.7
Heating[dB]	111.5	96.9	92.4	92.0	88.3	83.5	78.1	71.0

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	90.8 / 94.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

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45.1 Specifications

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	UXC + UXC + UXC + UXC
	Combination Unit (1)	-	ARUM240LTE6
	Combination Unit (2)	-	ARUM240LTE6
	Combination Unit (3)	-	ARUM240LTE6
	Combination Unit (4)	-	ARUM240LTE6
Power Supply	Case 1	V, Phase, Hz	380-400-415, 3, 50
	Limit Range of Voltage(Case 1)	V	342 ~ 456
	Case 2	V, Phase, Hz	380, 3, 60
	Limit Range of Voltage(Case 2)	V	342 ~ 418
	Running Current by Voltage (Cooling,Rated)	A	170.89 - 162.34 - 156.47
	Running Current by Voltage (Heating,Rated)	A	121.61 - 115.53 - 111.36
Cooling Capacity	Rated	kW	268.8
		Btu/h	917,200
Heating Capacity	Rated	kW	268.8
		Btu/h	917,200
	Max	kW	302.4
		Btu/h	1,031,800
Power Input(Cooling)	Rated	kW	104.60
Power Input(Heating)	Rated	kW	74.44
Efficiency	EER(Rated)	W/W	2.57
	COP(Rated)	W/W	3.61
	SEER	Wh/Wh	6.91
	SCOP	Wh/Wh	4.31
Power Factor(Cooling/Heating)	Rated	-	0.93 / 0.93
Outdoor Fan	Type	-	Propeller fan
	Air Flow Rate(High)	m³/min x No.	(430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)
	Max. External Static Pressure	Pa	80
	Discharge direction(Side / Top)	-	Top
Outdoor Fan Motor	Type	-	BLDC
	Drive	-	Direct
	Output	W x No.	(1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2)
Compressor	Type	-	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1 x 8
	Number of Revolution	rev./min	3,600 x 8
	Motor Output	W x No.	5,300 x 8
	Starting Method	-	Inverter
	Oil Type	-	FW68L(PVE)
Heat Exchanger	Type	-	Fin & Tube
	No.	-	8
	Fin Type	-	Wide Louver Plus
Dimensions	Net(W x H x D)	mm	(1,640 x 1,745 x 760) x 4
	Shipping(W x H x D)	mm	(1,675 x 1,919 x 802) x 4
Weight	Net	kg	(400 x 1) + (400 x 1) + (400 x 1) + (400 x 1)
	Shipping	kg	(410 x 1) + (410 x 1) + (410 x 1) + (410 x 1)
Exterior	Color	-	Morning Gray / Dawn Gray
	RAL (Classic)	-	RAL 7038 / RAL 7037
Protection Device	High Pressure Prevention	-	High pressure sensor / High pressure switch
	Frost Prevention	-	O (Logical)
	Discharge Tempreature Control	-	O (Logical)
	Compressor/Fan Protection	-	Over-heat protection / Fan driver overload protector

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Category		Unit	Specification
Major	Minor		
Protection Device	Inverter Protection	-	Over-heat protection / Over-current protection
Refrigerant	Type	-	R410A
	Precharged Amount	kg	64.0
	GWP(Global Warming Potential)	-	2,087.5
	t-CO_2 eq.	-	133.600
	Control Type	-	EEV
Connecting Pipe	Liquid	mm(inch)	Φ22.2(7/8)
	Gas	mm(inch)	Φ53.98(2-1/8)
	Low Pressure Gas (Heat Recovery)	mm(inch)	Φ53.98(2-1/8)
	High Pressure Gas (Heat Recovery)	mm(inch)	Φ41.3(1-5/8)
Piping Connection Type	Liquid	-	Brazing
	Gas	-	Brazing
	Low Pressure Gas (Heat Recovery)	-	Brazing
	High Pressure Gas (Heat Recovery)	-	Brazing
Sound Pressure Level (Outdoor Unit)	Cooling / Heating	dB(A)	71.0 / 72.0
Measurement Standard (Pressure Level)	-	-	ISO 3745
Sound Power Level (Outdoor Unit)	Cooling / Heating	dB(A)	91.0 / 94.0
Measurement Standard (Power Level)	-	-	ISO 9614
Connecting Cable	Communication Cable(VCTF-SB)	mm² × cores	0.75 ~ 1.5 x 2C
Electrical Characteristic	Minimium Circuit Amperes (MCA)	A	214.3
	Maximum Fuse Amperes (MFA)	A	250
	Total Over Current Amperes (TOCA)	A	240.0
	Comp_Maximum Starting Current (MSC)	A	47.2
	Comp_Rated Load Amperes (Cooling)	A	150.9
	Comp_Rated Load Amperes (Heating)	A	101.6
	Outdoor Fan Motor_Full Load Amperes (FLA)	A	20.0
Connectable indoor units number	Max. (Conditional)	Units	64

Note

■Due to our policy of innovation some specifications may be changed without notification.
■Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” should be considered for electrical work and design.
Especially the power cable and circuit breaker should be selected in accordance with that.
■Power factor could vary less than ±1% according to the operating conditions.
■Sound level values are depend on the ambient conditions and values are normally higher in actual operation.
Sound values of combination model are calculated values based on sound results of independent models.
Sound values can be increased owing to ambient or installation conditions during operation.
Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
■EUROVENT Test Condition :
-Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
-Refer to EUROVENT web site (www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
■Use appropriate power source refer to national standard.
■Voltage supplied to the unit terminals should be within the minimum and maximum range.
■Maximum allowable voltage unbalance between phase is 2%.
■MSC means the Max. current during the starting of compressor.
MSC and RLA are measured as the compressor only test condition.
OFM are measured as the outdoor unit test condition.
TOCA means the total over current value of each outdoor unit.
Select the wire size based on the larger value among MCA or TOCA.
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

■Performances are based on the following conditions :
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

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45.2 List of Functions

Category	Functions	Availability
Reliability	Defrost / Deicing	O
	High Pressure Switch	O
	Phase Protection	O
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Compressor Balanced Operation	O
Convenience	Test Function	O
	Night Low Noise Operation	O
	Peak Control	O
	Mode Lock	O
	Advanced SLC (Smart Load Control)	O
	Linear Bypass Cycle	O
	Noise Target Control	O
	Weather Information Interlocking Control	O
Special Functions	Comfort Cooling (Humidity Control)	O
	ODU Dry Contact Function	O
	High Static Pressure Compensation	O
	Continuous Cooling	O
	Continuous Heating(Partial Defrost)	O
	Convenient Energy Check	O
	Automatic Tuning Upgrade	O
	Remote Software Upgrade	O
	AI Smart Care	O
	AI Indoor Space Care	O
	AI Energy Target Control	O
	AI Smart Diagnosis	O

Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

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45.3 Accessory Compatibility List

Category	Accessory Name	Model Name	Description	Compatibility
Central Controller	AC EZ	PQCSZ250S0	-	O
	AC EZ touch	PACEZA000	Touch type	O
	AC Smart IV	PACS4B000	Touch type	O
	AC Smart 5	PACS5A000	Touch type	O
	ACP IV	PACP4B000	-	O
	ACP 5	PACP5A000	-	O
	AC Manager IV	PACM4B000	For Integrated Control	O
	AC Manager 5	PACM5A000	For Integrated Control	O
Gateway	ACP BACnet	PQNFB17C0	-	O
	ACP Lonwork	PLNWKB000	-	O
	Cloud Gateway	PWFMDB200	-	O
	Modbus RTU Gateway	PMBUSB00A	To interwork with 3rd Party Controller or BMS for Multi V 5 / Multi V i / ERV (DX) / AWHP / Hydrokit	O
Integration Device	IO Module	PVDSMN000	For Multi V 5 / Multi V i / Water IV / Multi V S	O
	Cool/Heat Selector	PRDSBM	-	O
	Low Ambient Kit	PRVC2	-	O
	AHU comm. kit	PAHCMR000	For AHU Control (Multi V / Single ODU Communication)	O
		PAHCMS000	For AHU Control (Multi V / Single ODU Communication)	O
	AHU Controller Module	PAHCMC000	For AHU Control (Communication Module)	O
		PAHCMM000	For AHU Control (Main Module)	O
	AHU Control kit	PAHCNM000	Maximum Connectable ODU is 3 Units	O
	EEV Kit	PRLK048A0	Capacity Range(~ 28kW)	O
		PRLK096A0	Capacity Range(~ 56kW)	O
		PRLK396A0	Capacity Range(~ 112kW)	O
		PRLK594A0	Capacity Range(~ 168kW)	O
	Water comm. module	PAHCMW000	Water Communication Module	O
	PDI Standard	PPWRDB000	Power distributor 2port	O
	PDI Premium	PQNUD1S40	Power distributor 8port	O
ETC	DS(Data Saving) Module	PVDATN000	Data Saving Module	O

Note

- O: Possible, X: Impossible, - : Unconfirmed or irrelevant
- * : Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.
  (http://partner.lge.com > Select Your Region : Home> Doc.Library> Product > Control(BECON))

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45.4 Capacity Tables

45.4.1 Cooling : Standard

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	210.0	25.52	265.2	36.40	324.4	54.28	349.2	64.16	377.2	74.68	401.2	83.84	420.0	91.32
	12	210.0	28.04	265.2	40.24	324.4	59.76	349.2	70.32	377.2	80.80	401.2	90.12	420.0	97.52
	14	210.0	30.80	265.2	44.48	324.4	65.72	349.2	76.72	377.2	87.44	401.2	96.88	420.0	104.3
	16	210.0	33.92	265.2	49.16	324.4	72.24	349.2	83.52	377.2	94.60	401.2	104.2	420.0	111.6
	18	210.0	37.36	265.2	54.24	324.4	79.36	349.2	90.84	377.2	102.3	401.2	111.8	420.0	117.5
	20	210.0	41.12	265.2	59.84	324.4	87.12	349.2	98.76	377.2	108.5	401.2	116.2	420.0	121.8
	21	210.0	43.16	265.2	62.80	324.4	91.32	349.2	101.2	377.2	110.9	401.2	118.6	420.0	124.1
	23	210.0	47.56	265.2	69.20	324.4	97.04	349.2	106.3	377.2	116.1	401.2	123.8	420.0	129.1
	25	210.0	52.36	265.2	74.48	324.4	102.6	349.2	111.8	377.2	121.7	401.2	129.4	420.0	134.7
	27	210.0	56.72	265.2	79.32	324.4	108.1	349.2	117.6	377.2	127.8	401.2	135.7	420.0	141.1
	29	210.0	60.48	265.2	84.48	324.4	114.0	349.2	123.8	377.2	134.4	401.2	142.8	416.4	147.3
	31	210.0	64.48	265.2	90.04	324.4	120.4	349.2	130.7	377.2	141.9	401.2	150.8	410.8	153.7
	33	210.0	68.76	265.2	96.00	324.4	127.2	349.2	138.2	377.2	150.4	396.4	158.3	396.4	158.3
	35	210.0	73.32	265.2	102.4	324.4	134.7	349.2	146.6	371.6	157.3	371.2	157.2	371.6	157.2
	37	210.0	78.20	265.2	109.4	324.4	143.0	346.8	154.7	346.4	154.6	346.4	154.6	346.4	154.7
	39	210.0	83.40	265.2	117.0	322.0	151.0	322.0	151.0	322.0	150.9	321.6	150.8	321.6	150.8
	41	210.0	88.96	265.2	125.5	298.4	146.6	298.0	146.6	298.0	146.5	297.6	146.5	298.0	146.5
	43	210.0	94.96	265.2	134.9	274.8	141.6	274.4	141.5	274.4	141.4	274.4	141.6	274.4	141.5
	46	210.0	104.9	242.0	129.6	241.2	129.3	241.6	129.4	241.2	129.2	241.2	129.2	241.2	129.2
	48	210.0	112.3	220.4	120.7	220.4	120.8	220.4	120.6	220.0	120.5	220.4	120.7	220.0	120.6
	50	200.8	113.0	200.8	112.9	200.4	113.0	200.4	112.8	200.4	112.9	200.0	112.7	200.4	112.9
	52	179.2	99.64	181.6	94.24	181.6	88.76	181.2	87.60	181.6	86.40	181.6	85.36	181.6	84.64
120	10	193.6	23.20	244.8	31.80	299.2	45.88	322.4	53.60	348.4	63.76	370.4	72.12	387.6	78.56
	12	193.6	25.36	244.8	35.16	299.2	50.64	322.4	59.00	348.4	69.88	370.4	78.20	387.6	84.80
	14	193.6	27.76	244.8	38.80	299.2	55.88	322.4	64.92	348.4	76.36	370.4	84.76	387.6	91.48
	16	193.6	30.44	244.8	42.88	299.2	61.56	322.4	71.36	348.4	83.16	370.4	91.84	387.6	98.76
	18	193.6	33.40	244.8	47.32	299.2	67.80	322.4	78.40	348.4	90.44	370.4	99.48	387.6	106.6
	20	193.6	36.72	244.8	52.20	299.2	74.64	322.4	86.12	348.4	98.36	370.4	106.1	387.6	111.9
	21	193.6	38.52	244.8	54.84	299.2	78.28	322.4	90.24	348.4	100.9	370.4	108.6	387.6	114.3
	23	193.6	42.36	244.8	60.44	299.2	84.88	322.4	96.08	348.4	106.0	370.4	113.7	387.6	119.5
	25	193.6	46.60	244.8	66.04	299.2	90.24	322.4	101.8	348.4	111.4	370.4	119.3	387.6	125.1
	27	193.6	51.04	244.8	70.36	299.2	96.04	322.4	107.4	348.4	117.2	370.4	125.3	387.6	131.3
	29	193.6	54.40	244.8	75.00	299.2	102.3	322.4	113.3	348.4	123.5	370.4	131.9	387.6	138.2
	31	193.6	58.00	244.8	79.92	299.2	109.0	322.4	119.6	348.4	130.3	370.4	139.2	387.6	145.9
	33	193.6	61.84	244.8	85.20	299.2	116.3	322.4	126.4	348.4	137.8	370.4	147.4	387.6	154.7
	35	193.6	65.96	244.8	90.88	299.2	123.0	322.4	133.8	348.4	146.1	370.4	156.7	371.6	157.2
	37	193.6	70.36	244.8	96.96	299.2	130.4	322.4	142.0	346.8	154.6	346.4	154.6	346.4	154.6
	39	193.6	75.00	244.8	103.6	299.2	138.4	322.0	151.0	322.0	151.0	322.0	151.0	322.0	151.0
	41	193.6	80.00	244.8	110.7	298.4	146.6	298.0	146.4	298.0	146.5	298.0	146.6	298.0	146.6
	43	193.6	85.36	244.8	118.6	274.8	141.6	274.4	141.5	274.8	141.6	274.4	141.6	274.4	141.5
	46	193.6	94.12	241.6	129.5	241.6	129.3	241.6	129.3	241.6	129.4	241.2	129.3	241.2	129.2
	48	193.6	100.6	220.8	120.8	220.4	120.7	220.4	120.8	220.4	120.6	220.0	120.5	220.4	120.8
	50	193.6	107.5	200.8	112.9	200.4	112.7	200.4	112.7	200.4	112.7	200.4	113.0	200.4	112.9
	52	178.4	101.5	180.8	96.52	181.6	91.00	181.6	89.88	181.2	88.64	181.6	87.80	181.6	87.36
110	10	177.6	21.16	224.4	27.92	274.4	38.76	295.6	44.68	319.2	52.48	339.6	60.12	355.6	66.72
	12	177.6	23.00	224.4	30.72	274.4	42.88	295.6	49.36	319.2	57.80	339.6	66.00	355.6	72.64
	14	177.6	25.04	224.4	33.88	274.4	47.36	295.6	54.48	319.2	63.60	339.6	72.44	355.6	79.00

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	16	177.6	27.36	224.4	37.36	274.4	52.28	295.6	60.08	319.2	69.96	339.6	79.44	355.6	85.88
	18	177.6	29.92	224.4	41.20	274.4	57.72	295.6	66.16	319.2	76.92	339.6	86.92	355.6	93.32
	20	177.6	32.80	224.4	45.44	274.4	63.60	295.6	72.84	319.2	84.48	339.6	94.64	355.6	100.9
	21	177.6	34.32	224.4	47.72	274.4	66.76	295.6	76.44	319.2	88.56	339.6	97.80	355.6	103.4
	23	177.6	37.68	224.4	52.56	274.4	73.52	295.6	83.12	319.2	94.52	339.6	102.8	355.6	108.5
	25	177.6	41.40	224.4	57.92	274.4	78.56	295.6	88.40	319.2	100.4	339.6	108.2	355.6	114.0
	27	177.6	45.48	224.4	62.12	274.4	83.68	295.6	94.08	319.2	106.2	339.6	113.9	355.6	119.8
	29	177.6	48.72	224.4	66.24	274.4	89.12	295.6	100.2	319.2	112.0	339.6	120.0	355.6	126.2
	31	177.6	51.96	224.4	70.60	274.4	94.96	295.6	106.8	319.2	118.3	339.6	126.7	355.6	133.2
	33	177.6	55.40	224.4	75.28	274.4	101.3	295.6	114.0	319.2	125.0	339.6	133.9	355.6	140.9
	35	177.6	59.08	224.4	80.28	274.4	108.1	295.6	121.3	319.2	132.4	339.6	141.9	355.6	149.5
	37	177.6	63.00	224.4	85.60	274.4	115.6	295.6	128.5	319.2	140.4	339.6	150.9	346.8	154.6
	39	177.6	67.20	224.4	91.32	274.4	123.8	295.6	136.4	319.2	149.4	322.0	150.8	322.0	151.0
	41	177.6	71.68	224.4	97.52	274.4	132.9	295.6	145.0	298.0	146.5	297.6	146.4	298.0	146.4
	43	177.6	76.44	224.4	104.2	274.4	141.3	274.8	141.6	274.4	141.4	274.8	141.7	274.8	141.6
	46	177.6	84.24	224.4	115.4	241.6	129.4	241.6	129.3	241.2	129.2	241.2	129.2	241.2	129.2
	48	177.6	89.88	220.8	120.9	220.4	120.7	220.4	120.7	220.4	120.6	220.0	120.6	220.0	120.5
	50	177.6	96.00	200.8	113.1	200.4	112.8	200.4	112.9	200.4	112.7	200.4	112.8	200.4	112.9
	52	177.6	102.6	179.6	98.88	182.0	93.80	181.6	92.68	181.6	91.48	181.6	90.40	181.6	89.12
100	10	161.6	19.48	204.0	24.60	249.6	32.84	268.8	37.32	290.4	43.12	308.8	48.84	323.2	53.84
	12	161.6	21.00	204.0	27.00	249.6	36.28	268.8	41.24	290.4	47.68	308.8	53.88	323.2	59.24
	14	161.6	22.72	204.0	29.64	249.6	40.08	268.8	45.60	290.4	52.60	308.8	59.36	323.2	65.20
	16	161.6	24.64	204.0	32.56	249.6	44.28	268.8	50.36	290.4	58.04	308.8	65.36	323.2	71.64
	18	161.6	26.80	204.0	35.84	249.6	48.88	268.8	55.56	290.4	63.96	308.8	71.96	323.2	78.72
	20	161.6	29.24	204.0	39.44	249.6	53.92	268.8	61.28	290.4	70.44	308.8	79.12	323.2	86.48
	21	161.6	30.56	204.0	41.36	249.6	56.64	268.8	64.32	290.4	73.92	308.8	82.96	323.2	90.64
	23	161.6	33.44	204.0	45.56	249.6	62.44	268.8	70.84	290.4	80.72	308.8	89.28	323.2	96.44
	25	161.6	36.64	204.0	50.16	249.6	67.96	268.8	76.04	290.4	85.88	308.8	94.92	323.2	102.1
	27	161.6	40.20	204.0	54.52	249.6	72.40	268.8	80.96	290.4	91.40	308.8	101.0	323.2	107.6
	29	161.6	43.48	204.0	58.16	249.6	77.16	268.8	86.24	290.4	97.32	308.8	107.5	323.2	113.5
	31	161.6	46.32	204.0	62.00	249.6	82.24	268.8	91.92	290.4	103.7	308.8	113.8	323.2	119.9
	33	161.6	49.36	204.0	66.12	249.6	87.68	268.8	98.00	290.4	110.7	308.8	120.4	323.2	126.7
	35	161.6	52.64	204.0	70.52	249.6	93.52	268.8	104.6	290.4	118.3	308.8	127.4	323.2	134.2
	37	161.6	56.16	204.0	75.20	249.6	99.80	268.8	111.8	290.4	125.9	308.8	135.0	323.2	142.4
	39	161.6	59.88	204.0	80.20	249.6	106.6	268.8	119.6	290.4	133.5	308.8	143.5	322.0	151.0
	41	161.6	63.88	204.0	85.56	249.6	114.0	268.8	128.3	290.4	141.9	298.4	146.6	298.0	146.4
	43	161.6	68.12	204.0	91.28	249.6	122.2	268.8	137.8	274.8	141.6	274.4	141.5	274.4	141.5
	46	161.6	75.08	204.0	100.8	241.6	129.4	241.6	129.3	241.2	129.1	241.2	129.1	241.2	129.2
	48	161.6	80.08	204.0	107.8	220.8	120.8	220.4	120.7	220.4	120.6	220.4	120.6	220.4	120.6
	50	161.6	85.44	201.2	113.1	200.8	113.0	200.4	112.8	200.8	113.0	200.8	113.0	200.4	113.0
	52	161.6	91.20	179.2	100.3	180.8	96.52	181.6	94.96	181.6	93.24	181.6	91.60	181.6	90.36
90	10	145.2	18.04	183.6	21.88	224.4	27.96	242.0	31.24	261.2	35.48	278.0	39.64	290.8	43.28
	12	145.2	19.28	183.6	23.80	224.4	30.80	242.0	34.48	261.2	39.24	278.0	43.84	290.8	47.80
	14	145.2	20.68	183.6	26.00	224.4	33.92	242.0	38.08	261.2	43.36	278.0	48.44	290.8	52.80
	16	145.2	22.28	183.6	28.44	224.4	37.44	242.0	42.04	261.2	47.92	278.0	53.48	290.8	58.24
	18	145.2	24.08	183.6	31.16	224.4	41.28	242.0	46.44	261.2	52.88	278.0	59.00	290.8	64.16
	20	145.2	26.12	183.6	34.16	224.4	45.52	242.0	51.20	261.2	58.32	278.0	65.04	290.8	70.68
	21	145.2	27.24	183.6	35.80	224.4	47.80	242.0	53.80	261.2	61.24	278.0	68.24	290.8	74.16
	23	145.2	29.64	183.6	39.32	224.4	52.68	242.0	59.28	261.2	67.48	278.0	75.16	290.8	80.96
	25	145.2	32.36	183.6	43.24	224.4	58.04	242.0	64.92	261.2	72.84	278.0	80.12	290.8	86.12
	27	145.2	35.40	183.6	47.52	224.4	62.24	242.0	69.16	261.2	77.60	278.0	85.28	290.8	91.64

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Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	29	145.2	38.60	183.6	50.76	224.4	66.32	242.0	73.72	261.2	82.68	278.0	90.84	290.8	97.60
	31	145.2	41.08	183.6	54.12	224.4	70.72	242.0	78.60	261.2	88.08	278.0	96.80	290.8	104.0
	33	145.2	43.76	183.6	57.68	224.4	75.40	242.0	83.76	261.2	93.92	278.0	103.2	290.8	111.0
	35	145.2	46.64	183.6	61.52	224.4	80.40	242.0	89.32	261.2	100.2	278.0	110.2	290.8	118.6
	37	145.2	49.72	183.6	65.60	224.4	85.76	242.0	95.32	261.2	107.0	278.0	117.8	290.8	126.1
	39	145.2	53.04	183.6	69.96	224.4	91.48	242.0	101.8	261.2	114.4	278.0	126.3	290.8	133.8
	41	145.2	56.60	183.6	74.64	224.4	97.68	242.0	108.8	261.2	122.6	278.0	134.8	290.8	142.2
	43	145.2	60.40	183.6	79.60	224.4	104.4	242.0	116.4	261.2	131.6	274.8	141.6	274.8	141.6
	46	145.2	66.56	183.6	87.72	224.4	115.6	241.6	129.3	241.6	129.4	241.6	129.3	241.6	129.4
	48	145.2	71.00	183.6	93.68	221.2	121.0	220.8	120.9	220.8	120.8	220.4	120.8	220.4	120.8
	50	145.2	75.76	183.6	100.0	200.8	113.0	200.8	112.9	200.4	112.8	200.4	112.8	200.8	113.0
	52	145.2	80.84	178.0	102.2	180.0	98.16	180.8	96.56	182.0	94.84	182.0	93.20	181.6	91.88
80	10	129.2	16.08	163.2	19.64	199.6	24.00	214.8	26.32	232.4	29.36	246.8	32.28	258.4	34.84
	12	129.2	17.80	163.2	21.16	199.6	26.28	214.8	28.96	232.4	32.36	246.8	35.68	258.4	38.52
	14	129.2	18.92	163.2	22.92	199.6	28.80	214.8	31.84	232.4	35.72	246.8	39.40	258.4	42.56
	16	129.2	20.20	163.2	24.88	199.6	31.64	214.8	35.08	232.4	39.44	246.8	43.52	258.4	47.04
	18	129.2	21.68	163.2	27.12	199.6	34.80	214.8	38.64	232.4	43.48	246.8	48.04	258.4	51.92
	20	129.2	23.36	163.2	29.60	199.6	38.28	214.8	42.60	232.4	47.96	246.8	53.04	258.4	57.28
	21	129.2	24.28	163.2	30.92	199.6	40.12	214.8	44.72	232.4	50.40	246.8	55.68	258.4	60.12
	23	129.2	26.28	163.2	33.84	199.6	44.16	214.8	49.28	232.4	55.56	246.8	61.36	258.4	66.28
	25	129.2	28.56	163.2	37.08	199.6	48.64	214.8	54.28	232.4	61.20	246.8	66.96	258.4	71.68
	27	129.2	31.08	163.2	40.68	199.6	53.04	214.8	58.56	232.4	65.24	246.8	71.32	258.4	76.36
	29	129.2	33.92	163.2	44.00	199.6	56.52	214.8	62.44	232.4	69.56	246.8	76.04	258.4	81.36
	31	129.2	36.28	163.2	46.88	199.6	60.28	214.8	66.60	232.4	74.16	246.8	81.04	258.4	86.68
	33	129.2	38.56	163.2	49.96	199.6	64.28	214.8	71.00	232.4	79.04	246.8	86.36	258.4	92.40
	35	129.2	41.08	163.2	53.28	199.6	68.56	214.8	75.72	232.4	84.32	246.8	92.12	258.4	98.60
	37	129.2	43.76	163.2	56.80	199.6	73.12	214.8	80.72	232.4	89.92	246.8	98.32	258.4	105.3
	39	129.2	46.68	163.2	60.60	199.6	77.96	214.8	86.12	232.4	95.96	246.8	105.0	258.4	112.5
	41	129.2	49.80	163.2	64.64	199.6	83.16	214.8	91.88	232.4	102.5	246.8	112.3	258.4	120.5
	43	129.2	53.16	163.2	68.96	199.6	88.72	214.8	98.12	232.4	109.6	246.8	120.3	258.4	129.4
	46	129.2	58.64	163.2	75.96	199.6	97.88	214.8	108.4	232.4	121.6	241.6	129.4	241.6	129.4
	48	129.2	62.60	163.2	81.04	199.6	104.6	214.8	116.2	220.8	120.7	220.8	120.9	220.8	120.9
	50	129.2	66.80	163.2	86.48	199.6	112.0	200.8	113.1	200.8	113.0	200.4	112.9	200.4	112.8
	52	129.2	71.28	163.2	92.32	179.2	100.3	180.0	98.64	180.8	96.84	181.6	95.20	181.6	93.92
70	10	113.2	13.36	142.8	17.80	174.8	20.84	188.0	22.44	203.2	24.52	216.0	26.52	226.0	28.24
	12	113.2	16.56	142.8	19.00	174.8	22.60	188.0	24.48	203.2	26.88	216.0	29.16	226.0	31.12
	14	113.2	17.44	142.8	20.36	174.8	24.60	188.0	26.76	203.2	29.48	216.0	32.08	226.0	34.32
	16	113.2	18.44	142.8	21.92	174.8	26.84	188.0	29.32	203.2	32.40	216.0	35.36	226.0	37.84
	18	113.2	19.60	142.8	23.68	174.8	29.32	188.0	32.12	203.2	35.64	216.0	38.96	226.0	41.72
	20	113.2	20.92	142.8	25.64	174.8	32.08	188.0	35.28	203.2	39.24	216.0	42.92	226.0	46.04
	21	113.2	21.68	142.8	26.72	174.8	33.60	188.0	37.00	203.2	41.16	216.0	45.08	226.0	48.32
	23	113.2	23.32	142.8	29.08	174.8	36.84	188.0	40.64	203.2	45.32	216.0	49.64	226.0	53.28
	25	113.2	25.16	142.8	31.72	174.8	40.48	188.0	44.72	203.2	49.92	216.0	54.68	226.0	58.68
	27	113.2	27.24	142.8	34.68	174.8	44.44	188.0	49.12	203.2	54.28	216.0	59.00	226.0	62.84
	29	113.2	29.60	142.8	37.84	174.8	47.72	188.0	52.36	203.2	57.88	216.0	62.92	226.0	67.00
	31	113.2	31.84	142.8	40.28	174.8	50.88	188.0	55.80	203.2	61.72	216.0	67.08	226.0	71.44
	33	113.2	33.80	142.8	42.88	174.8	54.24	188.0	59.52	203.2	65.84	216.0	71.52	226.0	76.16
	35	113.2	35.92	142.8	45.72	174.8	57.84	188.0	63.48	203.2	70.20	216.0	76.24	226.0	81.20
	37	113.2	38.28	142.8	48.76	174.8	61.68	188.0	67.68	203.2	74.84	216.0	81.32	226.0	86.60
	39	113.2	40.80	142.8	52.00	174.8	65.80	188.0	72.20	203.2	79.84	216.0	86.72	226.0	92.40
	41	113.2	43.52	142.8	55.48	174.8	70.20	188.0	77.00	203.2	85.16	216.0	92.56	226.0	98.68

45. ARUM960LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	43	113.2	46.44	142.8	59.20	174.8	74.84	188.0	82.12	203.2	90.88	216.0	98.84	226.0	105.4
	46	113.2	51.28	142.8	65.24	174.8	82.48	188.0	90.56	203.2	100.3	216.0	109.3	226.0	116.8
	48	113.2	54.76	142.8	69.60	174.8	88.00	188.0	96.68	203.2	107.2	216.0	117.0	220.8	121.0
	50	113.2	58.48	142.8	74.28	174.8	93.96	188.0	103.3	201.2	113.2	200.8	113.0	200.8	112.9
	52	113.2	62.44	142.8	79.24	174.8	100.4	178.4	101.4	179.6	99.52	180.4	97.84	180.8	96.56
60	10	96.80	10.96	122.4	14.84	149.6	18.40	161.2	19.44	174.0	20.80	185.2	22.08	194.0	23.20
	12	96.80	15.24	122.4	17.24	149.6	19.68	161.2	20.96	174.0	22.56	185.2	24.04	194.0	25.36
	14	96.80	15.92	122.4	18.24	149.6	21.20	161.2	22.68	174.0	24.52	185.2	26.28	194.0	27.76
	16	96.80	16.72	122.4	19.44	149.6	22.88	161.2	24.60	174.0	26.72	185.2	28.76	194.0	30.44
	18	96.80	17.68	122.4	20.76	149.6	24.80	161.2	26.76	174.0	29.20	185.2	31.52	194.0	33.44
	20	96.80	18.72	122.4	22.28	149.6	26.92	161.2	29.20	174.0	32.00	185.2	34.60	194.0	36.76
	21	96.80	19.32	122.4	23.12	149.6	28.08	161.2	30.52	174.0	33.48	185.2	36.24	194.0	38.56
	23	96.80	20.64	122.4	24.96	149.6	30.64	161.2	33.36	174.0	36.72	185.2	39.84	194.0	42.40
	25	96.80	22.12	122.4	27.04	149.6	33.48	161.2	36.56	174.0	40.32	185.2	43.76	194.0	46.64
	27	96.80	23.84	122.4	29.40	149.6	36.64	161.2	40.12	174.0	44.28	185.2	48.12	194.0	51.04
	29	96.80	25.72	122.4	32.04	149.6	39.88	161.2	43.40	174.0	47.56	185.2	51.36	194.0	54.44
	31	96.80	27.80	122.4	34.32	149.6	42.44	161.2	46.24	174.0	50.72	185.2	54.76	194.0	58.04
	33	96.80	29.44	122.4	36.48	149.6	45.24	161.2	49.28	174.0	54.08	185.2	58.36	194.0	61.88
	35	96.80	31.20	122.4	38.84	149.6	48.20	161.2	52.52	174.0	57.64	185.2	62.24	194.0	66.00
	37	96.80	33.20	122.4	41.40	149.6	51.40	161.2	56.04	174.0	61.48	185.2	66.40	194.0	70.36
	39	96.80	35.32	122.4	44.12	149.6	54.84	161.2	59.76	174.0	65.60	185.2	70.80	194.0	75.04
	41	96.80	37.68	122.4	47.08	149.6	58.52	161.2	63.76	174.0	69.96	185.2	75.52	194.0	80.04
	43	96.80	40.20	122.4	50.24	149.6	62.44	161.2	68.00	174.0	74.60	185.2	80.56	194.0	85.40
	46	96.80	44.40	122.4	55.44	149.6	68.80	161.2	74.92	174.0	82.20	185.2	88.76	194.0	94.16
	48	96.80	47.48	122.4	59.20	149.6	73.40	161.2	79.92	174.0	87.72	185.2	94.80	194.0	100.6
	50	96.80	50.72	122.4	63.20	149.6	78.32	161.2	85.28	174.0	93.64	185.2	101.3	194.0	107.6
	52	96.80	54.24	122.4	67.44	149.6	83.56	161.2	91.04	174.0	100.0	178.4	101.6	179.2	100.3
50	10	80.80	8.56	102.0	11.80	124.8	15.28	134.4	17.12	145.2	18.00	154.4	18.80	161.6	19.48
	12	80.80	12.84	102.0	15.76	124.8	17.44	134.4	18.24	145.2	19.24	154.4	20.20	161.6	21.00
	14	80.80	14.12	102.0	16.52	124.8	18.48	134.4	19.44	145.2	20.64	154.4	21.76	161.6	22.72
	16	80.80	14.76	102.0	17.36	124.8	19.68	134.4	20.84	145.2	22.24	154.4	23.56	161.6	24.64
	18	80.80	15.52	102.0	18.36	124.8	21.08	134.4	22.40	145.2	24.04	154.4	25.56	161.6	26.84
	20	80.80	16.36	102.0	19.48	124.8	22.64	134.4	24.20	145.2	26.08	154.4	27.80	161.6	29.28
	21	80.80	16.84	102.0	20.08	124.8	23.52	134.4	25.16	145.2	27.20	154.4	29.04	161.6	30.60
	23	80.80	17.88	102.0	21.48	124.8	25.44	134.4	27.32	145.2	29.60	154.4	31.72	161.6	33.48
	25	80.80	19.08	102.0	23.04	124.8	27.56	134.4	29.72	145.2	32.32	154.4	34.68	161.6	36.64
	27	80.80	20.40	102.0	24.84	124.8	30.00	134.4	32.40	145.2	35.36	154.4	38.00	161.6	40.20
	29	80.80	21.96	102.0	26.88	124.8	32.68	134.4	35.44	145.2	38.56	154.4	41.28	161.6	43.48
	31	80.80	23.68	102.0	29.04	124.8	35.00	134.4	37.76	145.2	41.04	154.4	43.96	161.6	46.32
	33	80.80	25.16	102.0	30.76	124.8	37.20	134.4	40.20	145.2	43.68	154.4	46.84	161.6	49.40
	35	80.80	26.64	102.0	32.64	124.8	39.60	134.4	42.80	145.2	46.56	154.4	49.92	161.6	52.68
	37	80.80	28.28	102.0	34.72	124.8	42.20	134.4	45.64	145.2	49.68	154.4	53.24	161.6	56.16
	39	80.80	30.08	102.0	37.00	124.8	45.04	134.4	48.68	145.2	52.96	154.4	56.80	161.6	59.92
	41	80.80	32.08	102.0	39.44	124.8	48.04	134.4	51.92	145.2	56.52	154.4	60.60	161.6	63.92
	43	80.80	34.28	102.0	42.12	124.8	51.28	134.4	55.40	145.2	60.32	154.4	64.64	161.6	68.16
	46	80.80	38.04	102.0	46.48	124.8	56.56	134.4	61.12	145.2	66.44	154.4	71.24	161.6	75.08
	48	80.80	40.68	102.0	49.68	124.8	60.36	134.4	65.20	145.2	70.92	154.4	76.00	161.6	80.12
	50	80.80	43.56	102.0	53.08	124.8	64.44	134.4	69.60	145.2	75.64	154.4	81.08	161.6	85.48
	52	80.80	46.60	102.0	56.76	124.8	68.80	134.4	74.24	145.2	80.72	154.4	86.52	161.6	91.24

45. ARUM960LTE6

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
■ Capacity tables show the average value of conditions which may occur.

45. ARUM960LTE6

45.4.2 Cooling : Advanced SLC

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	57.20	4.84	91.60	7.72	130.0	11.00	139.2	11.80	148.4	12.68	158.0	13.60	168.0	14.72
	12	57.20	4.84	91.60	7.76	130.0	11.08	139.2	11.88	148.4	12.76	158.0	13.72	168.0	14.88
	14	57.20	4.88	91.60	7.80	130.0	11.20	139.2	12.04	148.4	12.96	158.0	13.92	168.0	15.16
	16	57.20	4.88	91.60	7.88	130.0	11.40	139.2	12.32	148.4	13.28	158.0	14.36	168.0	15.76
	18	57.20	4.92	91.60	8.04	130.0	11.88	139.2	12.92	148.4	14.04	158.0	15.28	168.0	17.08
	20	57.20	5.08	91.60	8.44	130.0	13.16	139.2	14.48	148.4	16.00	158.0	17.68	168.0	20.68
	21	64.80	6.20	98.80	10.44	136.8	17.68	146.0	18.72	154.8	19.88	164.0	21.04	173.6	22.88
	23	80.00	13.48	113.6	17.00	151.2	22.04	159.6	23.36	168.4	24.80	176.4	26.12	184.8	28.28
	25	95.60	16.96	128.4	21.32	166.0	27.88	174.0	29.48	182.4	31.24	188.8	32.68	196.0	35.20
	27	111.2	21.64	144.0	27.20	180.8	35.60	188.4	37.56	196.4	39.56	201.6	40.88	219.2	46.76
	29	127.6	28.00	159.6	34.64	196.4	44.16	203.6	46.20	211.2	48.44	224.0	52.40	259.6	66.28
	31	144.4	35.48	175.6	43.08	212.0	54.52	218.8	56.80	237.6	63.64	264.8	74.36	299.6	92.48
	33	161.6	44.72	192.4	53.68	228.0	67.28	251.2	76.96	279.6	90.24	305.6	103.8	339.6	125.2
	35	179.6	56.44	209.2	66.84	267.6	94.56	292.8	108.8	321.2	125.5	346.4	137.2	379.6	155.9
	37	179.6	60.24	209.2	71.32	267.6	101.0	292.8	116.4	321.2	133.1	346.4	145.8	355.2	153.4
	39	179.6	64.32	209.2	76.12	267.6	107.9	292.8	124.7	321.2	141.4	333.2	148.0	329.6	148.9
	41	179.6	68.64	209.2	81.20	267.6	115.5	292.8	133.9	308.4	143.2	308.4	143.2	304.8	144.2
	43	179.6	73.24	209.2	86.68	267.6	123.8	284.4	137.0	284.4	136.8	284.0	136.8	280.8	138.9
	46	179.6	80.72	209.2	95.60	250.0	123.7	250.0	123.7	250.0	123.8	249.6	123.4	247.2	125.4
	48	179.6	86.16	209.2	102.2	228.4	115.6	228.4	115.6	228.0	115.5	228.0	115.6	225.2	116.9
	50	179.6	91.96	208.4	108.5	207.6	108.3	208.0	108.4	207.6	108.3	207.6	108.3	204.8	109.3
	52	179.2	98.20	182.0	91.72	184.8	86.80	185.6	85.84	186.0	84.76	186.8	83.88	185.6	84.20
120	10	52.80	4.48	84.80	7.12	120.0	10.12	128.4	10.88	136.8	11.60	145.6	12.40	154.8	13.44
	12	52.80	4.48	84.80	7.16	120.0	10.20	128.4	10.92	136.8	11.68	145.6	12.52	154.8	13.56
	14	52.80	4.48	84.80	7.16	120.0	10.28	128.4	11.04	136.8	11.84	145.6	12.68	154.8	13.80
	16	52.80	4.52	84.80	7.24	120.0	10.44	128.4	11.28	136.8	12.08	145.6	13.00	154.8	14.24
	18	52.80	4.56	84.80	7.36	120.0	10.84	128.4	11.72	136.8	12.64	145.6	13.72	154.8	15.28
	20	52.80	4.64	84.80	7.68	120.0	11.80	128.4	12.96	136.8	14.16	145.6	15.56	154.8	18.12
	21	59.60	5.60	91.20	9.32	126.4	15.40	134.8	17.24	143.2	18.36	151.2	19.40	160.0	21.00
	23	73.60	12.84	104.8	16.00	139.6	20.36	147.6	21.48	155.6	22.72	162.8	23.84	170.4	25.72
	25	88.00	15.96	118.8	19.84	153.2	25.48	160.4	26.88	168.4	28.36	174.4	29.56	181.2	31.76
	27	102.8	20.20	132.8	25.00	166.8	32.24	174.0	33.88	181.2	35.72	186.0	36.92	202.4	42.12
	29	118.0	25.88	147.2	31.80	181.2	40.08	187.6	41.84	194.8	43.76	206.8	47.16	239.6	59.08
	31	133.2	32.68	162.0	39.28	195.6	49.16	202.0	51.16	219.2	57.04	244.4	66.20	276.4	81.64
	33	149.2	40.88	177.6	48.64	210.8	60.40	232.0	68.76	258.0	80.04	282.0	91.56	313.2	111.6
	35	165.6	51.24	193.2	60.24	247.2	84.04	270.4	96.08	296.4	110.9	319.6	124.8	350.4	141.7
	37	165.6	54.72	193.2	64.32	247.2	89.68	270.4	102.6	296.4	118.7	319.6	132.3	350.4	150.7
	39	165.6	58.40	193.2	68.64	247.2	95.76	270.4	109.7	296.4	127.2	319.6	140.6	329.6	149.0
	41	165.6	62.32	193.2	73.24	247.2	102.3	270.4	117.4	296.4	136.4	308.8	143.3	305.2	144.4
	43	165.6	66.52	193.2	78.12	247.2	109.4	270.4	125.9	284.4	137.0	284.0	136.8	280.8	138.8
	46	165.6	73.36	193.2	86.16	247.2	121.3	250.4	123.8	250.0	123.6	250.0	123.6	247.2	125.4
	48	165.6	78.28	193.2	91.96	228.4	115.6	228.4	115.6	228.4	115.6	228.4	115.6	225.2	117.0
	50	165.6	83.52	193.2	98.20	207.6	108.2	208.0	108.5	207.6	108.3	208.0	108.4	205.2	109.7
	52	165.6	89.16	180.8	93.84	183.6	88.84	184.4	87.88	184.8	86.80	185.2	86.12	185.6	86.88
110	10	48.40	4.08	77.60	6.52	110.0	9.28	117.6	9.92	125.6	10.60	133.6	11.32	142.0	12.20
	12	48.40	4.08	77.60	6.52	110.0	9.32	117.6	10.00	125.6	10.68	133.6	11.40	142.0	12.28
	14	48.40	4.12	77.60	6.56	110.0	9.40	117.6	10.08	125.6	10.80	133.6	11.52	142.0	12.48
	16	48.40	4.12	77.60	6.60	110.0	9.52	117.6	10.24	125.6	11.00	133.6	11.76	142.0	12.80
	18	48.40	4.16	77.60	6.72	110.0	9.80	117.6	10.60	125.6	11.40	133.6	12.28	142.0	13.56

45. ARUM960LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110	20	48.40	4.24	77.60	6.96	110.0	10.56	117.6	11.52	125.6	12.56	133.6	13.68	142.0	15.72
	21	54.80	5.08	83.60	8.28	116.0	13.32	123.6	14.80	131.2	16.40	138.8	17.88	146.8	19.24
	23	67.60	12.24	96.00	15.00	128.0	18.80	135.2	19.72	142.4	20.76	149.2	21.72	156.4	23.36
	25	80.80	15.00	108.8	18.44	140.4	23.24	147.2	24.44	154.4	25.68	159.6	26.72	166.0	28.56
	27	94.40	18.76	121.6	22.96	153.2	29.12	159.6	30.52	166.4	32.04	170.8	33.08	185.6	37.72
	29	108.0	23.84	134.8	29.00	166.0	36.24	172.0	37.72	178.4	39.36	189.6	42.28	219.6	52.44
	31	122.4	30.00	148.8	35.72	179.2	44.20	185.2	45.88	201.2	50.88	224.0	58.68	253.6	71.76
	33	136.8	37.24	162.8	43.92	193.2	54.00	212.4	61.08	236.4	70.68	258.8	80.32	287.2	97.04
	35	152.0	46.36	177.2	54.08	226.4	74.36	248.0	84.48	271.6	96.80	293.2	108.9	321.2	128.0
	37	152.0	49.48	177.2	57.72	226.4	79.36	248.0	90.16	271.6	103.4	293.2	116.4	321.2	135.7
	39	152.0	52.84	177.2	61.60	226.4	84.68	248.0	96.24	271.6	110.5	293.2	124.8	321.2	144.2
	41	152.0	56.40	177.2	65.76	226.4	90.36	248.0	102.8	271.6	118.3	293.2	134.0	305.2	144.3
	43	152.0	60.20	177.2	70.20	226.4	96.52	248.0	110.0	271.6	126.9	284.4	137.1	281.2	139.1
	46	152.0	66.40	177.2	77.36	226.4	106.6	248.0	122.0	250.4	123.8	250.0	123.6	246.8	125.3
	48	152.0	70.88	177.2	82.56	226.4	114.1	228.4	115.6	228.4	115.7	228.4	115.7	225.6	117.1
	50	152.0	75.64	177.2	88.08	208.0	108.4	207.6	108.2	208.0	108.5	207.6	108.3	205.2	109.6
	52	152.0	80.72	177.2	94.04	182.4	91.28	182.8	90.36	183.6	89.32	184.0	88.08	184.8	88.08
100	10	44.00	3.72	70.40	5.92	100.0	8.40	106.8	9.04	114.0	9.64	121.6	10.28	129.2	11.04
	12	44.00	3.72	70.40	5.92	100.0	8.44	106.8	9.08	114.0	9.68	121.6	10.32	129.2	11.12
	14	44.00	3.72	70.40	5.96	100.0	8.52	106.8	9.12	114.0	9.76	121.6	10.40	129.2	11.24
	16	44.00	3.76	70.40	6.00	100.0	8.60	106.8	9.24	114.0	9.92	121.6	10.60	129.2	11.48
	18	44.00	3.76	70.40	6.08	100.0	8.84	106.8	9.52	114.0	10.24	121.6	11.00	129.2	12.04
	20	44.00	3.84	70.40	6.28	100.0	9.36	106.8	10.20	114.0	11.08	121.6	12.00	129.2	13.60
	21	49.60	4.52	76.00	7.32	105.2	11.48	112.4	12.68	119.2	13.96	126.0	15.36	133.6	17.64
	23	61.60	11.60	87.20	14.04	116.4	17.36	122.8	18.16	129.6	19.00	135.6	19.80	142.0	21.16
	25	73.60	14.08	98.80	17.08	127.6	21.20	134.0	22.16	140.4	23.24	145.2	24.08	150.8	25.68
	27	85.60	17.40	110.8	21.08	139.2	26.24	145.2	27.44	151.2	28.72	155.2	29.56	168.8	33.44
	29	98.40	21.88	122.8	26.32	150.8	32.64	156.4	33.92	162.4	35.32	172.4	37.76	199.6	46.32
	31	111.2	27.48	135.2	32.32	163.2	39.56	168.4	40.96	182.8	45.20	203.6	51.76	230.4	62.68
	33	124.4	33.80	148.0	39.48	175.6	48.00	193.2	54.00	215.2	62.08	235.2	70.12	261.2	83.92
	35	138.0	41.76	160.8	48.32	206.0	65.44	225.2	73.88	247.2	84.08	266.4	93.92	292.0	111.6
	37	138.0	44.56	160.8	51.56	206.0	69.80	225.2	78.84	247.2	89.72	266.4	100.3	292.0	119.4
	39	138.0	47.56	160.8	55.04	206.0	74.52	225.2	84.12	247.2	95.80	266.4	107.2	292.0	128.0
	41	138.0	50.80	160.8	58.76	206.0	79.48	225.2	89.80	247.2	102.3	266.4	114.7	292.0	136.8
	43	138.0	54.24	160.8	62.76	206.0	84.84	225.2	95.88	247.2	109.4	266.4	122.9	281.2	138.9
	46	138.0	59.84	160.8	69.16	206.0	93.56	225.2	105.9	247.2	121.3	250.0	123.6	247.2	125.4
	48	138.0	63.92	160.8	73.84	206.0	99.96	225.2	113.4	228.4	115.6	228.8	115.8	225.2	117.0
	50	138.0	68.20	160.8	78.76	206.0	106.9	208.0	108.5	208.0	108.4	208.0	108.5	204.8	109.6
	52	138.0	72.80	160.8	84.04	180.8	93.84	181.6	92.36	182.8	90.76	183.6	89.24	184.0	89.28
90	10	39.60	3.36	63.60	5.32	90.00	7.56	96.40	8.12	102.8	8.64	109.2	9.20	116.4	9.92
	12	39.60	3.36	63.60	5.36	90.00	7.60	96.40	8.12	102.8	8.68	109.2	9.28	116.4	9.96
	14	39.60	3.36	63.60	5.36	90.00	7.64	96.40	8.20	102.8	8.76	109.2	9.32	116.4	10.04
	16	39.60	3.36	63.60	5.40	90.00	7.72	96.40	8.28	102.8	8.84	109.2	9.48	116.4	10.24
	18	39.60	3.40	63.60	5.44	90.00	7.88	96.40	8.48	102.8	9.08	109.2	9.76	116.4	10.64
	20	39.60	3.44	63.60	5.56	90.00	8.24	96.40	8.96	102.8	9.68	109.2	10.48	116.4	11.76
	21	44.80	4.04	68.40	6.40	94.80	9.84	101.2	10.76	107.2	11.80	113.6	12.88	120.0	15.40
	23	55.20	11.00	78.80	13.12	104.8	15.96	110.8	16.64	116.8	17.40	122.0	18.04	128.0	19.16
	25	66.00	13.20	88.80	15.76	114.8	19.28	120.4	20.12	126.4	20.96	130.8	21.68	136.0	23.00
	27	77.20	16.12	99.60	19.24	125.2	23.60	130.4	24.60	136.0	25.64	139.6	26.36	152.0	29.56
	29	88.40	20.00	110.4	23.80	136.0	29.20	140.8	30.36	146.0	31.52	154.8	33.56	179.6	40.68
	31	100.0	25.08	121.6	29.20	146.8	35.24	151.6	36.40	164.4	39.92	183.2	45.36	207.2	54.40

45. ARUM960LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	33	112.0	30.60	133.2	35.32	158.0	42.48	174.0	47.48	193.6	54.12	211.6	60.76	235.2	72.08
	35	124.4	37.44	144.8	42.92	185.2	57.20	202.8	64.16	222.4	72.52	239.6	80.52	262.8	94.76
	37	124.4	39.92	144.8	45.80	185.2	61.04	202.8	68.48	222.4	77.40	239.6	85.96	262.8	101.2
	39	124.4	42.60	144.8	48.92	185.2	65.16	202.8	73.08	222.4	82.60	239.6	91.76	262.8	108.2
	41	124.4	45.52	144.8	52.24	185.2	69.52	202.8	77.96	222.4	88.16	239.6	97.96	262.8	115.8
	43	124.4	48.60	144.8	55.76	185.2	74.20	202.8	83.20	222.4	94.12	239.6	104.7	262.8	124.1
	46	124.4	53.68	144.8	61.56	185.2	81.76	202.8	91.76	222.4	104.0	239.6	115.9	247.2	125.4
	48	124.4	57.36	144.8	65.72	185.2	87.28	202.8	98.00	222.4	111.2	228.4	115.6	225.6	117.2
	50	124.4	61.24	144.8	70.12	185.2	93.16	202.8	104.8	208.0	108.5	208.0	108.3	205.2	109.7
	52	124.4	65.40	144.8	74.84	180.0	95.44	180.8	93.88	182.0	92.24	182.8	90.72	183.2	90.72
80	10	35.20	2.96	56.40	4.72	80.00	6.72	85.60	7.20	91.20	7.68	97.20	8.20	103.2	8.80
	12	35.20	2.96	56.40	4.76	80.00	6.72	85.60	7.20	91.20	7.72	97.20	8.20	103.2	8.84
	14	35.20	3.00	56.40	4.76	80.00	6.76	85.60	7.24	91.20	7.76	97.20	8.28	103.2	8.88
	16	35.20	3.00	56.40	4.76	80.00	6.84	85.60	7.32	91.20	7.84	97.20	8.36	103.2	9.00
	18	35.20	3.00	56.40	4.80	80.00	6.92	85.60	7.44	91.20	8.00	97.20	8.56	103.2	9.28
	20	35.20	3.04	56.40	4.92	80.00	7.20	85.60	7.80	91.20	8.40	97.20	9.04	103.2	10.04
	21	40.00	3.52	60.80	5.56	84.40	8.36	89.60	9.12	95.20	9.92	100.8	10.76	106.8	12.60
	23	49.20	10.44	70.00	12.24	93.20	14.68	98.40	15.24	103.6	15.84	108.4	16.40	113.6	17.36
	25	58.80	12.32	79.20	14.52	102.0	17.52	107.2	18.20	112.0	18.92	116.0	19.48	120.8	20.60
	27	68.40	14.84	88.40	17.52	111.2	21.16	116.0	21.96	120.8	22.84	124.0	23.40	134.8	26.00
	29	78.40	18.20	98.00	21.40	120.8	25.88	125.2	26.84	130.0	27.84	137.6	29.64	159.6	35.52
	31	88.80	22.60	108.0	26.24	130.4	31.24	134.4	32.20	146.4	35.08	162.8	39.52	184.4	46.84
	33	99.60	27.56	118.4	31.48	140.4	37.36	154.4	41.44	172.0	46.88	188.0	52.24	208.8	61.40
	35	110.4	33.44	128.8	37.92	164.8	49.64	180.4	55.32	197.6	62.08	213.2	68.52	233.6	79.88
	37	110.4	35.60	128.8	40.44	164.8	52.96	180.4	59.04	197.6	66.24	213.2	73.08	233.6	85.20
	39	110.4	38.00	128.8	43.20	164.8	56.56	180.4	63.00	197.6	70.68	213.2	78.00	233.6	90.96
	41	110.4	40.56	128.8	46.12	164.8	60.36	180.4	67.24	197.6	75.44	213.2	83.24	233.6	97.12
	43	110.4	43.32	128.8	49.28	164.8	64.44	180.4	71.76	197.6	80.48	213.2	88.84	233.6	103.8
	46	110.4	47.88	128.8	54.40	164.8	71.04	180.4	79.08	197.6	88.76	213.2	98.04	233.6	115.0
	48	110.4	51.16	128.8	58.12	164.8	75.80	180.4	84.40	197.6	94.76	213.2	104.8	226.0	117.3
	50	110.4	54.68	128.8	62.08	164.8	80.88	180.4	90.08	197.6	101.2	208.0	108.4	205.2	109.7
	52	110.4	58.44	128.8	66.28	164.8	86.32	180.0	95.88	180.8	94.16	181.6	92.60	182.4	92.64
70	10	30.80	2.60	49.20	4.16	70.00	5.88	74.80	6.28	80.00	6.72	85.20	7.16	90.40	7.68
	12	30.80	2.60	49.20	4.16	70.00	5.88	74.80	6.32	80.00	6.72	85.20	7.16	90.40	7.68
	14	30.80	2.60	49.20	4.16	70.00	5.92	74.80	6.32	80.00	6.76	85.20	7.20	90.40	7.76
	16	30.80	2.60	49.20	4.16	70.00	5.96	74.80	6.36	80.00	6.80	85.20	7.28	90.40	7.84
	18	30.80	2.64	49.20	4.20	70.00	6.04	74.80	6.48	80.00	6.92	85.20	7.40	90.40	8.00
	20	30.80	2.64	49.20	4.28	70.00	6.20	74.80	6.68	80.00	7.20	85.20	7.72	90.40	8.52
	21	34.80	3.08	53.20	4.80	73.60	7.04	78.40	7.64	83.60	8.24	88.40	8.88	93.20	10.20
	23	43.20	9.08	61.20	11.40	81.60	13.44	86.00	13.92	90.80	14.40	94.80	14.88	99.60	15.68
	25	51.20	11.48	69.20	13.32	89.20	15.80	93.60	16.40	98.00	16.96	101.6	17.44	105.6	18.36
	27	60.00	13.64	77.60	15.88	97.60	18.88	101.6	19.56	105.6	20.24	108.8	20.72	118.0	22.84
	29	68.80	16.48	86.00	19.12	105.6	22.84	109.6	23.60	113.6	24.44	120.4	25.84	139.6	30.80
	31	78.00	20.20	94.40	23.36	114.0	27.56	117.6	28.32	128.0	30.64	142.8	34.16	161.2	40.04
	33	87.20	24.52	103.6	27.92	122.8	32.64	135.2	35.92	150.4	40.24	164.4	44.52	182.8	51.76
	35	96.80	29.68	112.8	33.32	144.0	42.68	157.6	47.20	172.8	52.60	186.4	57.68	204.4	66.60
	37	96.80	31.56	112.8	35.48	144.0	45.56	157.6	50.40	172.8	56.12	186.4	61.56	204.4	71.08
	39	96.80	33.64	112.8	37.88	144.0	48.64	157.6	53.80	172.8	59.92	186.4	65.68	204.4	75.84
	41	96.80	35.92	112.8	40.44	144.0	51.96	157.6	57.44	172.8	63.96	186.4	70.08	204.4	80.92
	43	96.80	38.36	112.8	43.20	144.0	55.48	157.6	61.32	172.8	68.24	186.4	74.80	204.4	86.36
	46	96.80	42.40	112.8	47.76	144.0	61.20	157.6	67.64	172.8	75.24	186.4	82.44	204.4	95.28

45. ARUM960LTE6

Combi.	Outdoor Air Temp. (°C,DB)	Indoor Air Temp. (°C, DB/WB)													
		20.0 / 14.0		23.0 / 16.0		26.0 / 18.0		27.0 / 19.0		28.0 / 20.0		30.0 / 22.0		32.0 / 24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	48	96.80	45.36	112.8	51.04	144.0	65.36	157.6	72.16	172.8	80.28	186.4	88.00	204.4	101.8
	50	96.80	48.52	112.8	54.56	144.0	69.76	157.6	77.00	172.8	85.68	186.4	93.96	204.4	108.9
	52	96.80	51.92	112.8	58.32	144.0	74.44	157.6	82.16	172.8	91.44	180.4	95.16	180.8	95.20
60	10	26.40	2.24	42.40	3.56	60.00	5.04	64.00	5.40	68.40	5.76	72.80	6.12	77.60	6.56
	12	26.40	2.24	42.40	3.56	60.00	5.04	64.00	5.40	68.40	5.76	72.80	6.12	77.60	6.60
	14	26.40	2.24	42.40	3.56	60.00	5.04	64.00	5.40	68.40	5.76	72.80	6.16	77.60	6.60
	16	26.40	2.24	42.40	3.56	60.00	5.08	64.00	5.44	68.40	5.80	72.80	6.20	77.60	6.68
	18	26.40	2.24	42.40	3.60	60.00	5.12	64.00	5.52	68.40	5.88	72.80	6.28	77.60	6.80
	20	26.40	2.28	42.40	3.64	60.00	5.24	64.00	5.64	68.40	6.04	72.80	6.48	77.60	7.08
	21	30.00	2.60	45.60	4.04	63.20	5.84	67.20	6.28	71.60	6.76	75.60	7.28	80.00	8.16
	23	36.80	6.40	52.40	9.60	70.00	12.24	73.60	12.64	77.60	13.04	81.20	13.40	85.20	14.08
	25	44.00	10.68	59.20	12.20	76.40	14.24	80.40	14.68	84.00	15.16	87.20	15.52	90.40	16.28
	27	51.60	12.48	66.40	14.28	83.60	16.76	87.20	17.28	90.80	17.84	93.20	18.20	101.2	19.92
	29	58.80	14.84	73.60	17.00	90.40	20.00	94.00	20.60	97.20	21.24	103.2	22.40	119.6	26.24
	31	66.80	17.92	81.20	20.48	98.00	24.04	100.8	24.72	109.6	26.60	122.4	29.32	138.4	33.88
	33	74.80	21.60	88.80	24.36	105.2	28.36	116.0	30.88	129.2	34.24	141.2	37.56	156.8	43.16
	35	82.80	25.92	96.40	29.04	123.6	36.40	135.2	39.88	148.4	44.04	160.0	47.92	175.2	54.80
	37	82.80	27.52	96.40	30.92	123.6	38.80	135.2	42.56	148.4	47.00	160.0	51.16	175.2	58.48
	39	82.80	29.28	96.40	32.92	123.6	41.40	135.2	45.44	148.4	50.20	160.0	54.64	175.2	62.44
	41	82.80	31.24	96.40	35.16	123.6	44.24	135.2	48.52	148.4	53.60	160.0	58.32	175.2	66.64
	43	82.80	33.40	96.40	37.56	123.6	47.24	135.2	51.84	148.4	57.20	160.0	62.24	175.2	71.12
	46	82.80	37.08	96.40	41.52	123.6	52.20	135.2	57.24	148.4	63.12	160.0	68.64	175.2	78.36
	48	82.80	39.84	96.40	44.44	123.6	55.76	135.2	61.12	148.4	67.36	160.0	73.24	175.2	83.64
	50	82.80	42.72	96.40	47.56	123.6	59.56	135.2	65.24	148.4	71.92	160.0	78.16	175.2	89.28
	52	82.80	45.72	96.40	50.88	123.6	63.64	135.2	69.64	148.4	76.72	160.0	83.40	175.2	95.32
50	10	22.00	1.96	35.20	2.96	50.00	4.20	53.60	4.48	57.20	4.80	60.80	5.08	64.40	5.48
	12	22.00	1.96	35.20	2.96	50.00	4.20	53.60	4.48	57.20	4.80	60.80	5.12	64.40	5.48
	14	22.00	1.96	35.20	2.96	50.00	4.20	53.60	4.52	57.20	4.80	60.80	5.12	64.40	5.48
	16	22.00	1.96	35.20	2.96	50.00	4.24	53.60	4.52	57.20	4.84	60.80	5.16	64.40	5.52
	18	22.00	1.96	35.20	3.00	50.00	4.24	53.60	4.56	57.20	4.88	60.80	5.20	64.40	5.60
	20	22.00	2.00	35.20	3.00	50.00	4.32	53.60	4.64	57.20	4.96	60.80	5.32	64.40	5.76
	21	24.80	2.16	38.00	3.32	52.80	4.72	56.00	5.08	59.60	5.44	63.20	5.80	66.80	6.44
	23	30.80	4.44	43.60	6.56	58.00	11.12	61.60	11.44	64.80	11.76	67.60	12.04	71.20	12.56
	25	41.20	10.56	49.60	11.12	64.00	12.72	66.80	13.08	70.00	13.44	72.80	13.76	75.60	14.32
	27	42.80	11.36	55.20	12.80	69.60	14.72	72.40	15.16	75.60	15.60	77.60	15.88	84.40	17.20
	29	49.20	13.24	61.20	14.96	75.60	17.32	78.40	17.80	81.20	18.28	86.00	19.16	99.60	22.16
	31	55.60	15.72	67.60	17.76	81.60	20.56	84.00	21.12	91.20	22.68	102.0	24.92	115.2	28.40
	33	62.00	18.80	74.00	21.00	87.60	24.16	96.40	26.24	107.6	28.88	117.6	31.32	130.4	35.48
	35	69.20	22.28	80.40	24.72	102.8	30.68	112.8	33.32	123.6	36.40	133.2	39.28	146.0	44.36
	37	69.20	23.56	80.40	26.24	102.8	32.68	112.8	35.48	123.6	38.80	133.2	41.92	146.0	47.36
	39	69.20	25.00	80.40	27.92	102.8	34.84	112.8	37.88	123.6	41.44	133.2	44.72	146.0	50.56
	41	69.20	26.56	80.40	29.76	102.8	37.20	112.8	40.44	123.6	44.24	133.2	47.76	146.0	53.96
	43	69.20	28.32	80.40	31.80	102.8	39.72	112.8	43.20	123.6	47.28	133.2	51.04	146.0	57.60
	46	69.20	31.28	80.40	35.24	102.8	43.92	112.8	47.76	123.6	52.20	133.2	56.36	146.0	63.56
	48	69.20	33.52	80.40	37.84	102.8	47.00	112.8	51.04	123.6	55.76	133.2	60.16	146.0	67.84
	50	69.20	35.96	80.40	40.68	102.8	50.28	112.8	54.56	123.6	59.60	133.2	64.24	146.0	72.40
	52	69.20	38.64	80.40	43.84	102.8	53.76	112.8	58.32	123.6	63.64	133.2	68.60	146.0	77.28

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

45.4.3 Heating : Standard

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	168.4	83.88	167.2	84.60	165.6	85.32	165.2	85.64	164.4	86.00	163.2	86.72
	-24.8	-25	196.4	88.08	194.8	88.88	193.2	89.68	192.8	90.08	192.0	90.48	190.4	91.24
	-21.8	-22	213.6	90.48	212.0	91.36	210.8	92.20	210.0	92.60	209.2	93.04	207.6	93.84
	-19.8	-20	226.0	92.12	224.4	93.00	222.8	93.88	222.0	94.32	221.2	94.76	219.6	95.60
	-18.8	-19	232.4	92.92	230.4	93.84	228.8	94.72	228.0	95.16	227.2	95.60	225.6	96.48
	-16.7	-17	245.2	94.56	243.6	95.48	242.0	96.44	240.8	96.88	240.0	97.32	238.4	98.24
	-15	-15.9	253.2	95.52	251.2	96.48	249.6	97.40	248.8	97.88	247.6	98.32	246.0	99.24
	-13.7	-15	260.4	96.36	258.8	97.36	256.8	98.32	256.0	98.80	255.2	99.28	253.6	100.2
	-11.8	-13	273.6	97.92	271.6	98.92	270.0	99.92	268.8	100.4	268.0	100.9	266.0	101.8
	-9.8	-11	288.4	99.60	286.4	100.6	284.4	101.6	283.6	102.2	282.4	102.6	280.4	103.6
	-9.5	-10	295.6	100.4	293.6	101.4	291.6	102.4	290.4	103.0	289.6	103.5	287.2	104.4
	-8.5	-9.1	302.8	101.2	300.4	102.2	298.4	103.2	297.2	103.8	296.4	104.3	294.4	105.3
	-7	-7.6	314.8	102.4	312.4	103.5	310.4	104.6	309.2	105.1	308.0	105.6	306.0	106.6
	-5	-5.6	331.6	104.2	329.2	105.3	326.8	106.4	325.6	106.9	324.4	107.5	322.0	108.5
	-3	-3.7	348.0	105.8	345.6	107.0	343.2	108.1	342.0	108.7	340.8	109.2	338.4	110.3
	0	-0.7	375.2	108.6	372.8	109.7	370.0	110.9	368.4	111.5	367.2	112.0	344.0	104.4
	3	2.2	402.8	111.2	399.6	112.4	393.2	112.1	380.8	108.2	368.4	104.4	344.0	96.96
	5	4.1	421.2	112.9	417.6	114.0	393.2	106.7	380.8	103.1	368.4	99.48	344.0	92.40
	7	6	440.0	114.6	417.6	108.5	393.2	101.5	380.8	98.08	368.4	94.64	344.0	87.92
	9	7.9	442.4	109.6	417.6	102.9	393.2	96.32	380.8	93.08	368.4	89.88	344.0	83.52
	11	9.8	442.4	103.8	417.6	97.52	393.2	91.32	380.8	88.28	368.4	85.28	344.0	79.32
	13	11.8	442.4	97.96	417.6	92.08	393.2	86.32	380.8	83.44	368.4	80.64	344.0	75.04
	15	13.7	442.4	92.64	417.6	87.16	393.2	81.72	380.8	79.04	368.4	76.40	344.0	71.12
120	-30	-30.2	167.6	84.24	166.4	84.96	165.2	85.64	164.4	86.00	164.0	86.36	162.8	87.04
	-24.8	-25	195.2	88.56	194.0	89.36	192.4	90.16	192.0	90.56	191.2	90.92	189.6	91.68
	-21.8	-22	212.8	91.08	211.2	91.92	209.6	92.76	208.8	93.16	208.0	93.56	206.8	94.36
	-19.8	-20	224.8	92.76	223.2	93.64	221.6	94.48	220.8	94.92	220.0	95.32	218.4	96.16
	-18.8	-19	231.2	93.60	229.2	94.48	227.6	95.36	226.8	95.80	226.0	96.24	224.4	97.08
	-16.7	-17	244.0	95.28	242.4	96.20	240.4	97.12	239.6	97.56	238.8	98.00	237.2	98.88
	-15	-15.9	251.6	96.28	250.0	97.20	248.0	98.16	247.2	98.60	246.4	99.04	244.8	99.96
	-13.7	-15	258.8	97.20	257.2	98.16	255.6	99.12	254.8	99.60	253.6	100.0	252.0	101.0
	-11.8	-13	272.0	98.80	270.0	99.80	268.0	100.8	267.2	101.2	266.4	101.7	264.4	102.6
	-9.8	-11	286.8	100.6	284.4	101.6	282.4	102.6	281.6	103.0	280.4	103.5	278.8	104.5
	-9.5	-10	293.6	101.4	291.6	102.4	289.6	103.4	288.4	103.9	287.6	104.4	285.6	105.4
	-8.5	-9.1	300.8	102.2	298.4	103.2	296.4	104.2	295.2	104.8	294.4	105.2	292.4	106.2
	-7	-7.6	312.4	103.5	310.4	104.6	308.0	105.6	306.8	106.2	306.0	106.7	303.6	107.6
	-5	-5.6	328.8	105.4	326.4	106.5	324.4	107.6	323.2	108.1	322.0	108.6	317.6	108.6
	-3	-3.7	345.2	107.2	342.8	108.3	340.4	109.4	339.2	109.9	338.0	110.4	317.6	103.4
	0	-0.7	372.0	110.0	369.2	111.2	362.8	110.7	351.6	106.9	340.0	103.2	317.6	95.80
	3	2.2	398.8	112.8	385.6	109.7	362.8	102.7	351.6	99.24	340.0	95.80	317.6	89.04
	5	4.1	408.0	111.2	385.6	104.4	362.8	97.84	351.6	94.56	340.0	91.32	317.6	84.92
	7	6	408.0	105.8	385.6	99.40	362.8	93.08	351.6	90.00	340.0	86.92	317.6	80.84
	9	7.9	408.0	100.4	385.6	94.32	362.8	88.40	351.6	85.48	340.0	82.56	317.6	76.84
	11	9.8	408.0	95.12	385.6	89.48	362.8	83.88	351.6	81.12	340.0	78.40	317.6	73.00
	13	11.8	408.0	89.84	385.6	84.56	362.8	79.32	351.6	76.76	340.0	74.20	317.6	69.12

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	408.0	85.04	385.6	80.08	362.8	75.16	351.6	72.76	340.0	70.32	317.6	65.60
110	-30	-30.2	166.8	84.68	165.6	85.40	164.4	86.08	164.0	86.44	163.2	86.76	162.0	87.44
	-24.8	-25	194.4	89.16	192.8	89.92	191.6	90.72	190.8	91.08	190.0	91.48	188.8	92.20
	-21.8	-22	211.6	91.72	210.0	92.56	208.4	93.40	207.6	93.80	206.8	94.20	205.6	95.00
	-19.8	-20	223.6	93.48	222.0	94.36	220.4	95.20	219.6	95.60	218.8	96.04	217.2	96.84
	-18.8	-19	229.6	94.36	228.0	95.24	226.4	96.08	225.6	96.52	224.8	96.96	223.2	97.76
	-16.7	-17	242.4	96.12	240.8	97.04	238.8	97.92	238.0	98.36	237.2	98.80	235.6	99.64
	-15	-15.9	250.0	97.16	248.4	98.08	246.4	99.00	245.6	99.44	244.8	99.88	243.2	100.8
	-13.7	-15	257.2	98.16	255.6	99.08	254.0	100.0	252.8	100.5	252.0	100.9	250.4	101.8
	-11.8	-13	270.0	99.80	268.0	100.8	266.4	101.7	265.2	102.2	264.4	102.6	262.4	103.6
	-9.8	-11	284.4	101.6	282.4	102.6	280.4	103.6	279.6	104.1	278.4	104.6	276.4	105.5
	-9.5	-10	291.2	102.5	289.2	103.5	287.2	104.5	286.4	105.0	285.2	105.5	283.2	106.4
	-8.5	-9.1	298.0	103.4	296.0	104.4	294.0	105.4	292.8	105.9	292.0	106.4	290.0	107.3
	-7	-7.6	310.0	104.8	307.6	105.8	305.6	106.9	304.4	107.4	303.2	107.9	291.2	103.9
	-5	-5.6	326.0	106.8	323.6	107.8	321.2	108.9	320.0	109.4	312.0	106.5	291.2	98.88
	-3	-3.7	342.0	108.7	339.6	109.8	332.4	108.8	322.4	105.1	312.0	101.4	291.2	94.24
	0	-0.7	368.0	111.7	353.2	107.6	332.4	100.7	322.4	97.36	312.0	94.00	291.2	87.40
	3	2.2	374.0	106.2	353.2	99.80	332.4	93.56	322.4	90.44	312.0	87.36	291.2	81.32
	5	4.1	374.0	101.1	353.2	95.12	332.4	89.16	322.4	86.24	312.0	83.36	291.2	77.60
	7	6	374.0	96.24	353.2	90.52	332.4	84.88	322.4	82.08	312.0	79.32	291.2	73.88
	9	7.9	374.0	91.36	353.2	85.96	332.4	80.64	322.4	78.04	312.0	75.44	291.2	70.28
	11	9.8	374.0	86.68	353.2	81.60	332.4	76.60	322.4	74.12	312.0	71.68	291.2	66.84
	13	11.8	374.0	81.92	353.2	77.16	332.4	72.48	322.4	70.16	312.0	67.88	291.2	63.32
	15	13.7	374.0	77.60	353.2	73.16	332.4	68.76	322.4	66.56	312.0	64.40	291.2	60.12
100	-30	-30.2	166.0	85.20	164.8	85.88	163.6	86.60	162.8	86.92	162.4	87.24	161.2	87.92
	-24.8	-25	193.2	89.84	191.6	90.60	190.4	91.36	189.6	91.72	189.2	92.12	187.6	92.84
	-21.8	-22	210.0	92.52	208.4	93.36	207.2	94.16	206.4	94.52	205.6	94.92	204.4	95.72
	-19.8	-20	222.0	94.36	220.4	95.20	218.8	96.00	218.0	96.44	217.2	96.84	215.6	97.64
	-18.8	-19	228.0	95.28	226.4	96.12	224.8	96.96	224.0	97.40	223.2	97.80	221.6	98.60
	-16.7	-17	240.4	97.12	238.8	98.00	237.2	98.88	236.4	99.32	235.6	99.72	234.0	100.6
	-15	-15.9	248.0	98.24	246.4	99.12	244.4	100.0	243.6	100.4	242.8	100.9	241.2	101.7
	-13.7	-15	255.2	99.24	253.6	100.2	252.0	101.1	251.2	101.5	250.4	102.0	248.8	102.8
	-11.8	-13	267.6	101.0	266.0	102.0	264.0	102.9	263.2	103.3	262.0	103.8	260.4	104.6
	-9.8	-11	281.6	103.0	280.0	103.9	278.0	104.9	276.8	105.3	276.0	105.8	264.4	101.8
	-9.5	-10	288.4	103.9	286.4	104.8	284.4	105.8	283.6	106.3	282.8	106.8	264.4	99.56
	-8.5	-9.1	295.2	104.8	293.2	105.8	291.2	106.8	290.0	107.2	283.6	104.8	264.4	97.40
	-7	-7.6	306.8	106.3	304.4	107.3	302.4	108.3	292.8	104.6	283.6	101.0	264.4	93.92
	-5	-5.6	322.4	108.4	320.0	109.4	302.4	103.0	292.8	99.56	283.6	96.16	264.4	89.40
	-3	-3.7	338.0	110.4	321.2	104.8	302.4	98.16	292.8	94.88	283.6	91.64	264.4	85.28
	0	-0.7	340.0	103.2	321.2	97.04	302.4	91.00	292.8	88.00	283.6	85.04	264.4	79.16
	3	2.2	340.0	95.80	321.2	90.16	302.4	84.60	292.8	81.88	283.6	79.12	264.4	73.72
	5	4.1	340.0	91.32	321.2	86.00	302.4	80.72	292.8	78.12	283.6	75.52	264.4	70.40
	7	6	340.0	86.92	321.2	81.84	302.4	76.84	292.8	74.36	283.6	71.92	264.4	67.08
	9	7.9	340.0	82.56	321.2	77.80	302.4	73.08	292.8	70.76	283.6	68.44	264.4	63.84
	11	9.8	340.0	78.40	321.2	73.92	302.4	69.48	292.8	67.28	283.6	65.08	264.4	60.76
	13	11.8	340.0	74.20	321.2	69.96	302.4	65.80	292.8	63.72	283.6	61.68	264.4	57.64
	15	13.7	340.0	70.36	321.2	66.36	302.4	62.44	292.8	60.52	283.6	58.60	264.4	54.76

45. ARUM960LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	164.8	85.84	163.6	86.52	162.4	87.20	162.0	87.52	161.2	87.84	160.4	88.52
	-24.8	-25	191.6	90.64	190.4	91.40	188.8	92.16	188.4	92.52	187.6	92.88	186.4	93.60
	-21.8	-22	208.4	93.48	206.8	94.28	205.6	95.04	204.8	95.44	204.0	95.80	202.8	96.56
	-19.8	-20	220.0	95.40	218.4	96.20	216.8	97.00	216.0	97.40	215.6	97.80	214.0	98.56
	-18.8	-19	226.0	96.36	224.4	97.20	222.8	98.00	222.0	98.40	221.2	98.80	219.6	99.60
	-16.7	-17	238.4	98.32	236.8	99.16	234.8	100.0	234.0	100.4	233.2	100.8	232.0	101.6
	-15	-15.9	245.6	99.48	244.0	100.4	242.4	101.2	241.6	101.6	240.8	102.0	238.0	102.4
	-13.7	-15	252.8	100.6	251.2	101.5	249.6	102.4	248.8	102.8	248.0	103.2	238.0	99.56
	-11.8	-13	264.8	102.4	263.2	103.3	261.2	104.2	260.4	104.7	255.2	102.8	238.0	95.52
	-9.8	-11	278.8	104.5	276.8	105.4	272.0	105.0	263.6	101.4	255.2	98.00	238.0	91.16
	-9.5	-10	285.2	105.5	283.2	106.4	272.0	102.6	263.6	99.20	255.2	95.80	238.0	89.16
	-8.5	-9.1	291.6	106.4	289.2	107.1	272.0	100.4	263.6	97.04	255.2	93.76	238.0	87.24
	-7	-7.6	302.8	108.1	289.2	103.2	272.0	96.76	263.6	93.56	255.2	90.40	238.0	84.12
	-5	-5.6	306.0	104.4	289.2	98.20	272.0	92.08	263.6	89.08	255.2	86.08	238.0	80.16
	-3	-3.7	306.0	99.48	289.2	93.60	272.0	87.80	263.6	84.96	255.2	82.12	238.0	76.48
	0	-0.7	306.0	92.20	289.2	86.80	272.0	81.48	263.6	78.88	255.2	76.28	238.0	71.12
	3	2.2	306.0	85.72	289.2	80.76	272.0	75.88	263.6	73.48	255.2	71.08	238.0	66.32
	5	4.1	306.0	81.76	289.2	77.08	272.0	72.44	263.6	70.16	255.2	67.88	238.0	63.36
	7	6	306.0	77.84	289.2	73.40	272.0	69.00	263.6	66.84	255.2	64.68	238.0	60.40
	9	7.9	306.0	74.04	289.2	69.84	272.0	65.68	263.6	63.64	255.2	61.60	238.0	57.56
	11	9.8	306.0	70.36	289.2	66.40	272.0	62.48	263.6	60.56	255.2	58.64	238.0	54.80
	13	11.8	306.0	66.64	289.2	62.92	272.0	59.24	263.6	57.44	255.2	55.60	238.0	52.04
	15	13.7	306.0	63.24	289.2	59.76	272.0	56.28	263.6	54.56	255.2	52.88	238.0	49.52
80	-30	-30.2	163.6	86.60	162.4	87.24	161.2	87.92	160.8	88.24	160.0	88.56	159.2	89.20
	-24.8	-25	190.0	91.64	188.4	92.36	187.2	93.08	186.4	93.44	186.0	93.80	184.8	94.52
	-21.8	-22	206.0	94.64	204.8	95.40	203.2	96.16	202.8	96.52	202.0	96.88	200.8	97.60
	-19.8	-20	217.6	96.64	216.0	97.44	214.8	98.24	214.0	98.60	213.2	99.00	211.6	99.68
	-18.8	-19	223.6	97.68	222.0	98.48	220.4	99.28	219.6	99.64	218.8	100.0	211.6	97.40
	-16.7	-17	235.6	99.76	234.0	100.6	232.4	101.4	231.6	101.8	226.8	99.92	211.6	93.00
	-15	-15.9	242.8	101.0	241.2	101.8	239.2	102.6	234.4	100.6	226.8	97.24	211.6	90.44
	-13.7	-15	250.0	102.2	248.0	103.1	242.0	101.3	234.4	97.88	226.8	94.52	211.6	87.92
	-11.8	-13	261.2	104.2	257.2	103.6	242.0	97.16	234.4	93.92	226.8	90.68	211.6	84.36
	-9.8	-11	272.0	105.0	257.2	98.76	242.0	92.68	234.4	89.64	226.8	86.64	211.6	80.72
	-9.5	-10	272.0	102.6	257.2	96.56	242.0	90.60	234.4	87.68	226.8	84.76	211.6	78.96
	-8.5	-9.1	272.0	100.4	257.2	94.48	242.0	88.68	234.4	85.80	226.8	82.92	211.6	77.28
	-7	-7.6	272.0	96.76	257.2	91.08	242.0	85.52	234.4	82.76	226.8	80.00	211.6	74.60
	-5	-5.6	272.0	92.08	257.2	86.76	242.0	81.48	234.4	78.84	226.8	76.24	211.6	71.12
	-3	-3.7	272.0	87.80	257.2	82.76	242.0	77.72	234.4	75.28	226.8	72.80	211.6	67.92
	0	-0.7	272.0	81.48	257.2	76.84	242.0	72.24	234.4	69.96	226.8	67.72	211.6	63.24
	3	2.2	272.0	75.88	257.2	71.60	242.0	67.36	234.4	65.28	226.8	63.16	211.6	59.04
	5	4.1	272.0	72.44	257.2	68.36	242.0	64.36	234.4	62.36	226.8	60.36	211.6	56.44
	7	6	272.0	69.00	257.2	65.16	242.0	61.32	234.4	59.44	226.8	57.56	211.6	53.84
	9	7.9	272.0	65.68	257.2	62.04	242.0	58.44	234.4	56.64	226.8	54.88	211.6	51.36
	11	9.8	272.0	62.48	257.2	59.04	242.0	55.64	234.4	53.96	226.8	52.28	211.6	48.96
	13	11.8	272.0	59.24	257.2	56.04	242.0	52.84	234.4	51.24	226.8	49.68	211.6	46.56
	15	13.7	272.0	56.28	257.2	53.24	242.0	50.24	234.4	48.76	226.8	47.28	211.6	44.32
70	-30	-30.2	162.0	87.56	160.8	88.20	159.6	88.84	159.2	89.16	158.4	89.48	157.6	90.12

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	187.6	92.88	186.4	93.60	185.2	94.28	184.4	94.64	184.0	94.96	182.8	95.64
	-21.8	-22	203.6	96.04	202.0	96.80	200.8	97.52	200.0	97.88	198.4	97.60	185.2	90.88
	-19.8	-20	214.8	98.20	213.2	98.96	211.6	99.68	205.2	96.44	198.4	93.24	185.2	86.84
	-18.8	-19	220.4	99.32	218.8	100.1	211.6	97.40	205.2	94.24	198.4	91.12	185.2	84.88
	-16.7	-17	232.0	101.6	224.8	99.04	211.6	93.00	205.2	90.00	198.4	87.00	185.2	81.08
	-15	-15.9	238.0	102.4	224.8	96.40	211.6	90.44	205.2	87.48	198.4	84.56	185.2	78.76
	-13.7	-15	238.0	99.56	224.8	93.72	211.6	87.92	205.2	85.04	198.4	82.20	185.2	76.56
	-11.8	-13	238.0	95.52	224.8	89.88	211.6	84.36	205.2	81.60	198.4	78.88	185.2	73.52
	-9.8	-11	238.0	91.16	224.8	85.88	211.6	80.72	205.2	78.16	198.4	75.56	185.2	70.40
	-9.5	-10	238.0	89.16	224.8	84.04	211.6	78.96	205.2	76.44	198.4	73.96	185.2	69.04
	-8.5	-9.1	238.0	87.24	224.8	82.24	211.6	77.28	205.2	74.84	198.4	72.40	185.2	67.60
	-7	-7.6	238.0	84.12	224.8	79.32	211.6	74.60	205.2	72.24	198.4	69.92	185.2	65.28
	-5	-5.6	238.0	80.16	224.8	75.60	211.6	71.12	205.2	68.88	198.4	66.68	185.2	62.28
	-3	-3.7	238.0	76.48	224.8	72.20	211.6	67.92	205.2	65.80	198.4	63.72	185.2	59.56
	0	-0.7	238.0	71.12	224.8	67.16	211.6	63.24	205.2	61.28	198.4	59.36	185.2	55.52
	3	2.2	238.0	66.32	224.8	62.68	211.6	59.04	205.2	57.24	198.4	55.48	185.2	51.92
	5	4.1	238.0	63.36	224.8	59.88	211.6	56.44	205.2	54.72	198.4	53.04	185.2	49.68
	7	6	238.0	60.40	224.8	57.12	211.6	53.84	205.2	52.24	198.4	50.64	185.2	47.44
	9	7.9	238.0	57.56	224.8	54.44	211.6	51.36	205.2	49.84	198.4	48.32	185.2	45.32
	11	9.8	238.0	54.80	224.8	51.88	211.6	48.96	205.2	47.52	198.4	46.08	185.2	43.24
	13	11.8	238.0	52.04	224.8	49.28	211.6	46.56	205.2	45.20	198.4	43.84	185.2	41.16
	15	13.7	238.0	49.52	224.8	46.92	211.6	44.32	205.2	43.04	198.4	41.80	185.2	39.24
60	-30	-30.2	159.6	88.80	158.8	89.44	157.6	90.08	157.2	90.36	156.4	90.68	155.6	91.28
	-24.8	-25	184.8	94.48	183.6	95.16	181.6	95.28	175.6	92.24	170.0	89.20	158.8	83.20
	-21.8	-22	200.0	97.88	192.8	94.72	181.6	89.00	175.6	86.16	170.0	83.36	158.8	77.76
	-19.8	-20	204.0	95.96	192.8	90.48	181.6	85.04	175.6	82.36	170.0	79.68	158.8	74.36
	-18.8	-19	204.0	93.80	192.8	88.44	181.6	83.16	175.6	80.52	170.0	77.88	158.8	72.72
	-16.7	-17	204.0	89.56	192.8	84.48	181.6	79.44	175.6	76.92	170.0	74.44	158.8	69.52
	-15	-15.9	204.0	87.08	192.8	82.08	181.6	77.12	175.6	74.68	170.0	72.24	158.8	67.40
	-13.7	-15	204.0	84.64	192.8	79.80	181.6	75.00	175.6	72.60	170.0	70.24	158.8	65.56
	-11.8	-13	204.0	81.24	192.8	76.56	181.6	71.96	175.6	69.68	170.0	67.44	158.8	62.96
	-9.8	-11	204.0	77.76	192.8	73.32	181.6	68.96	175.6	66.76	170.0	64.60	158.8	60.32
	-9.5	-10	204.0	76.08	192.8	71.84	181.6	67.64	175.6	65.52	170.0	63.48	158.8	59.32
	-8.5	-9.1	204.0	74.48	192.8	70.32	181.6	66.24	175.6	64.20	170.0	62.16	158.8	58.12
	-7	-7.6	204.0	71.92	192.8	67.92	181.6	63.96	175.6	62.00	170.0	60.04	158.8	56.16
	-5	-5.6	204.0	68.56	192.8	64.80	181.6	61.04	175.6	59.20	170.0	57.32	158.8	53.68
	-3	-3.7	204.0	65.52	192.8	61.92	181.6	58.36	175.6	56.60	170.0	54.84	158.8	51.36
	0	-0.7	204.0	61.00	192.8	57.72	181.6	54.44	175.6	52.80	170.0	51.20	158.8	47.96
	3	2.2	204.0	57.00	192.8	53.96	181.6	50.92	175.6	49.44	170.0	47.92	158.8	44.96
	5	4.1	204.0	54.48	192.8	51.60	181.6	48.72	175.6	47.28	170.0	45.84	158.8	43.04
	7	6	204.0	52.00	192.8	49.28	181.6	46.52	175.6	45.20	170.0	43.84	158.8	41.16
	9	7.9	204.0	49.64	192.8	47.04	181.6	44.44	175.6	43.16	170.0	41.88	158.8	39.36
	11	9.8	204.0	47.32	192.8	44.88	181.6	42.44	175.6	41.24	170.0	40.04	158.8	37.64
	13	11.8	204.0	45.00	192.8	42.68	181.6	40.40	175.6	39.28	170.0	38.12	158.8	35.88
	15	13.7	204.0	42.88	192.8	40.68	181.6	38.52	175.6	37.48	170.0	36.40	158.8	34.28
50	-30	-30.2	156.8	90.52	156.0	91.12	151.2	89.04	146.4	86.24	141.6	83.44	132.4	77.92
	-24.8	-25	170.0	89.20	160.8	84.20	151.2	79.24	146.4	76.76	141.6	74.32	132.4	69.44

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	170.0	83.36	160.8	78.72	151.2	74.08	146.4	71.80	141.6	69.52	132.4	65.00
	-19.8	-20	170.0	79.68	160.8	75.24	151.2	70.84	146.4	68.68	141.6	66.52	132.4	62.20
	-18.8	-19	170.0	77.92	160.8	73.56	151.2	69.28	146.4	67.16	141.6	65.04	132.4	60.84
	-16.7	-17	170.0	74.44	160.8	70.32	151.2	66.24	146.4	64.24	141.6	62.20	132.4	58.20
	-15	-15.9	170.0	72.24	160.8	68.20	151.2	64.24	146.4	62.24	141.6	60.28	132.4	56.40
	-13.7	-15	170.0	70.24	160.8	66.32	151.2	62.48	146.4	60.56	141.6	58.64	132.4	54.88
	-11.8	-13	170.0	67.44	160.8	63.68	151.2	60.00	146.4	58.16	141.6	56.32	132.4	52.72
	-9.8	-11	170.0	64.60	160.8	61.04	151.2	57.52	146.4	55.76	141.6	54.00	132.4	50.56
	-9.5	-10	170.0	63.48	160.8	60.04	151.2	56.60	146.4	54.92	141.6	53.24	132.4	49.88
	-8.5	-9.1	170.0	62.16	160.8	58.80	151.2	55.48	146.4	53.80	141.6	52.16	132.4	48.88
	-7	-7.6	170.0	60.04	160.8	56.80	151.2	53.60	146.4	52.04	141.6	50.44	132.4	47.32
	-5	-5.6	170.0	57.32	160.8	54.28	151.2	51.24	146.4	49.72	141.6	48.24	132.4	45.24
	-3	-3.7	170.0	54.84	160.8	51.96	151.2	49.08	146.4	47.64	141.6	46.20	132.4	43.36
	0	-0.7	170.0	51.20	160.8	48.52	151.2	45.84	146.4	44.52	141.6	43.20	132.4	40.60
	3	2.2	170.0	47.92	160.8	45.44	151.2	43.00	146.4	41.80	141.6	40.56	132.4	38.12
	5	4.1	170.0	45.84	160.8	43.52	151.2	41.16	146.4	40.00	141.6	38.84	132.4	36.56
	7	6	170.0	43.84	160.8	41.60	151.2	39.40	146.4	38.28	141.6	37.20	132.4	35.04
	9	7.9	170.0	41.88	160.8	39.80	151.2	37.68	146.4	36.64	141.6	35.60	132.4	33.56
	11	9.8	170.0	40.04	160.8	38.04	151.2	36.04	146.4	35.08	141.6	34.08	132.4	32.12
	13	11.8	170.0	38.12	160.8	36.24	151.2	34.40	146.4	33.44	141.6	32.52	132.4	30.68
	15	13.7	170.0	36.40	160.8	34.60	151.2	32.84	146.4	32.00	141.6	31.12	132.4	29.36

Note

■ TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)

■ Capacity tables show the average value of conditions which may occur.

45.4.4 Heating : Advanced SLC

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-30	-30.2	168.4	83.88	167.2	84.60	165.6	85.32	165.2	85.64	164.4	86.00	163.2	86.72
	-24.8	-25	196.4	88.08	194.8	88.88	193.2	89.68	192.8	90.08	192.0	90.48	190.4	91.24
	-21.8	-22	213.6	90.48	212.0	91.36	210.8	92.20	210.0	92.60	209.2	93.04	207.6	93.84
	-19.8	-20	226.0	92.12	224.4	93.00	222.8	93.88	222.0	94.32	221.2	94.76	219.6	95.60
	-18.8	-19	232.4	92.92	230.4	93.84	228.8	94.72	228.0	95.16	227.2	95.60	225.6	96.48
	-16.7	-17	245.2	94.56	243.6	95.48	242.0	96.44	240.8	96.88	240.0	97.32	238.4	98.24
	-15	-15.9	253.2	95.52	251.2	96.48	249.6	97.40	248.8	97.88	247.6	98.32	246.0	99.24
	-13.7	-15	260.4	96.36	258.8	97.36	256.8	98.32	256.0	98.80	255.2	99.28	253.6	100.2
	-11.8	-13	273.6	97.92	271.6	98.92	270.0	99.92	268.8	100.4	268.0	100.9	266.0	101.8
	-9.8	-11	288.4	99.60	286.4	100.6	284.4	101.6	283.6	102.2	282.4	102.6	280.4	103.6
	-9.5	-10	295.6	100.4	293.6	101.4	291.6	102.4	290.4	103.0	289.6	103.5	287.2	104.4
	-8.5	-9.1	302.8	101.2	300.4	102.2	298.4	103.2	297.2	103.8	296.4	104.3	294.4	105.3
	-7	-7.6	314.8	102.4	312.4	103.5	310.4	104.6	309.2	105.1	308.0	105.6	306.0	106.6
	-5	-5.6	331.6	104.2	329.2	105.3	326.8	106.4	325.6	106.9	324.4	107.5	322.0	108.5
	-3	-3.7	348.0	105.8	345.6	107.0	343.2	108.1	342.0	108.7	340.8	109.2	338.4	110.3
	0	-0.7	375.2	108.6	372.8	109.7	370.0	110.9	368.4	111.5	367.2	112.0	344.0	104.4
	3	2.2	402.8	111.2	399.6	112.4	393.2	112.1	380.8	108.2	368.4	104.4	344.0	96.96
	5	4.1	418.4	111.9	393.6	104.6	368.8	97.48	356.4	93.96	344.0	90.44	319.2	83.56
	7	6	394.4	97.32	369.2	90.60	344.0	84.04	331.6	80.80	318.8	77.56	293.6	71.20
	9	7.9	369.2	83.72	344.0	77.64	318.4	71.64	305.6	68.68	292.8	65.76	267.2	59.96
	11	9.8	343.2	71.32	317.6	65.84	292.0	60.40	279.2	57.76	266.0	55.08	240.0	49.80
	13	11.8	316.4	59.92	290.4	55.00	264.4	50.16	251.6	47.76	238.4	45.36	212.0	40.64
	15	13.7	288.4	49.80	262.4	45.44	236.0	41.12	222.8	38.96	209.6	36.84	182.8	32.60
120	-30	-30.2	167.6	84.24	166.4	84.96	165.2	85.64	164.4	86.00	164.0	86.36	162.8	87.04
	-24.8	-25	195.2	88.56	194.0	89.36	192.4	90.16	192.0	90.56	191.2	90.92	189.6	91.68
	-21.8	-22	212.8	91.08	211.2	91.92	209.6	92.76	208.8	93.16	208.0	93.56	206.8	94.36
	-19.8	-20	224.8	92.76	223.2	93.64	221.6	94.48	220.8	94.92	220.0	95.32	218.4	96.16
	-18.8	-19	231.2	93.60	229.2	94.48	227.6	95.36	226.8	95.80	226.0	96.24	224.4	97.08
	-16.7	-17	244.0	95.28	242.4	96.20	240.4	97.12	239.6	97.56	238.8	98.00	237.2	98.88
	-15	-15.9	251.6	96.28	250.0	97.20	248.0	98.16	247.2	98.60	246.4	99.04	244.8	99.96
	-13.7	-15	258.8	97.20	257.2	98.16	255.6	99.12	254.8	99.60	253.6	100.0	252.0	101.0
	-11.8	-13	272.0	98.80	270.0	99.80	268.0	100.8	267.2	101.2	266.4	101.7	264.4	102.6
	-9.8	-11	286.8	100.6	284.4	101.6	282.4	102.6	281.6	103.0	280.4	103.5	278.8	104.5
	-9.5	-10	293.6	101.4	291.6	102.4	289.6	103.4	288.4	103.9	287.6	104.4	285.6	105.4
	-8.5	-9.1	300.8	102.2	298.4	103.2	296.4	104.2	295.2	104.8	294.4	105.2	292.4	106.2
	-7	-7.6	312.4	103.5	310.4	104.6	308.0	105.6	306.8	106.2	306.0	106.7	303.6	107.6
	-5	-5.6	328.8	105.4	326.4	106.5	324.4	107.6	323.2	108.1	322.0	108.6	317.6	108.6
	-3	-3.7	345.2	107.2	342.8	108.3	340.4	109.4	339.2	109.9	338.0	110.4	317.6	103.4
	0	-0.7	372.0	110.0	369.2	111.2	362.8	110.7	351.6	106.9	340.0	103.2	317.6	95.80
	3	2.2	398.8	112.8	385.6	109.7	362.8	102.7	351.6	99.24	340.0	95.80	317.6	89.04
	5	4.1	386.4	102.5	363.6	95.92	340.4	89.48	329.2	86.28	317.6	83.12	294.8	76.88
	7	6	364.0	89.20	340.8	83.16	317.6	77.24	306.0	74.28	294.4	71.40	271.2	65.60
	9	7.9	340.8	76.88	317.2	71.40	294.0	66.00	282.4	63.32	270.4	60.64	246.8	55.36
	11	9.8	316.8	65.64	293.2	60.68	269.6	55.76	257.6	53.36	245.6	50.92	221.6	46.12
	13	11.8	292.0	55.28	268.0	50.80	244.0	46.40	232.0	44.24	220.0	42.08	195.6	37.76

45. ARUM960LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120	15	13.7	266.4	46.08	242.0	42.12	218.0	38.16	205.6	36.24	193.6	34.28	168.8	30.44
110	-30	-30.2	166.8	84.68	165.6	85.40	164.4	86.08	164.0	86.44	163.2	86.76	162.0	87.44
	-24.8	-25	194.4	89.16	192.8	89.92	191.6	90.72	190.8	91.08	190.0	91.48	188.8	92.20
	-21.8	-22	211.6	91.72	210.0	92.56	208.4	93.40	207.6	93.80	206.8	94.20	205.6	95.00
	-19.8	-20	223.6	93.48	222.0	94.36	220.4	95.20	219.6	95.60	218.8	96.04	217.2	96.84
	-18.8	-19	229.6	94.36	228.0	95.24	226.4	96.08	225.6	96.52	224.8	96.96	223.2	97.76
	-16.7	-17	242.4	96.12	240.8	97.04	238.8	97.92	238.0	98.36	237.2	98.80	235.6	99.64
	-15	-15.9	250.0	97.16	248.4	98.08	246.4	99.00	245.6	99.44	244.8	99.88	243.2	100.8
	-13.7	-15	257.2	98.16	255.6	99.08	254.0	100.0	252.8	100.5	252.0	100.9	250.4	101.8
	-11.8	-13	270.0	99.80	268.0	100.8	266.4	101.7	265.2	102.2	264.4	102.6	262.4	103.6
	-9.8	-11	284.4	101.6	282.4	102.6	280.4	103.6	279.6	104.1	278.4	104.6	276.4	105.5
	-9.5	-10	291.2	102.5	289.2	103.5	287.2	104.5	286.4	105.0	285.2	105.5	283.2	106.4
	-8.5	-9.1	298.0	103.4	296.0	104.4	294.0	105.4	292.8	105.9	292.0	106.4	290.0	107.3
	-7	-7.6	310.0	104.8	307.6	105.8	305.6	106.9	304.4	107.4	303.2	107.9	291.2	103.9
	-5	-5.6	326.0	106.8	323.6	107.8	321.2	108.9	320.0	109.4	312.0	106.5	291.2	98.88
	-3	-3.7	342.0	108.7	339.6	109.8	332.4	108.8	322.4	105.1	312.0	101.4	291.2	94.24
	0	-0.7	368.0	111.7	353.2	107.6	332.4	100.7	322.4	97.36	312.0	94.00	291.2	87.40
	3	2.2	374.0	106.2	353.2	99.80	332.4	93.56	322.4	90.44	312.0	87.36	291.2	81.32
	5	4.1	354.0	93.28	333.2	87.44	312.4	81.64	301.6	78.80	291.2	75.96	270.0	70.32
	7	6	333.6	81.32	312.4	75.92	291.2	70.60	280.4	67.96	270.0	65.32	248.4	60.16
	9	7.9	312.4	70.20	290.8	65.28	269.6	60.44	258.8	58.04	248.0	55.64	226.0	50.88
	11	9.8	290.4	60.08	268.8	55.60	247.2	51.20	236.0	49.00	225.2	46.84	203.2	42.52
	13	11.8	267.6	50.72	245.6	46.72	224.0	42.76	212.8	40.76	201.6	38.84	179.2	34.92
	15	13.7	244.0	42.40	222.0	38.84	199.6	35.28	188.4	33.52	177.2	31.76	154.4	28.28
100	-30	-30.2	166.0	85.20	164.8	85.88	163.6	86.60	162.8	86.92	162.4	87.24	161.2	87.92
	-24.8	-25	193.2	89.84	191.6	90.60	190.4	91.36	189.6	91.72	189.2	92.12	187.6	92.84
	-21.8	-22	210.0	92.52	208.4	93.36	207.2	94.16	206.4	94.52	205.6	94.92	204.4	95.72
	-19.8	-20	222.0	94.36	220.4	95.20	218.8	96.00	218.0	96.44	217.2	96.84	215.6	97.64
	-18.8	-19	228.0	95.28	226.4	96.12	224.8	96.96	224.0	97.40	223.2	97.80	221.6	98.60
	-16.7	-17	240.4	97.12	238.8	98.00	237.2	98.88	236.4	99.32	235.6	99.72	234.0	100.6
	-15	-15.9	248.0	98.24	246.4	99.12	244.4	100.0	243.6	100.4	242.8	100.9	241.2	101.7
	-13.7	-15	255.2	99.24	253.6	100.2	252.0	101.1	251.2	101.5	250.4	102.0	248.8	102.8
	-11.8	-13	267.6	101.0	266.0	102.0	264.0	102.9	263.2	103.3	262.0	103.8	260.4	104.6
	-9.8	-11	281.6	103.0	280.0	103.9	278.0	104.9	276.8	105.3	276.0	105.8	264.4	101.8
	-9.5	-10	288.4	103.9	286.4	104.8	284.4	105.8	283.6	106.3	282.8	106.8	264.4	99.56
	-8.5	-9.1	295.2	104.8	293.2	105.8	291.2	106.8	290.0	107.2	283.6	104.8	264.4	97.40
	-7	-7.6	306.8	106.3	304.4	107.3	302.4	108.3	292.8	104.6	283.6	101.0	264.4	93.92
	-5	-5.6	322.4	108.4	320.0	109.4	302.4	103.0	292.8	99.56	283.6	96.16	264.4	89.40
	-3	-3.7	338.0	110.4	321.2	104.8	302.4	98.16	292.8	94.88	283.6	91.64	264.4	85.28
	0	-0.7	340.0	103.2	321.2	97.04	302.4	91.00	292.8	88.00	283.6	85.04	264.4	79.16
	3	2.2	340.0	95.80	321.2	90.16	302.4	84.60	292.8	81.88	283.6	79.12	264.4	73.72
	5	4.1	322.0	84.32	302.8	79.12	284.0	74.00	274.4	71.44	264.8	68.92	245.6	63.88
	7	6	303.2	73.60	284.0	68.80	264.8	64.08	255.2	61.72	245.2	59.40	226.0	54.76
	9	7.9	284.0	63.68	264.4	59.32	244.8	55.00	235.2	52.84	225.2	50.72	205.6	46.48
	11	9.8	264.0	54.64	244.4	50.68	224.4	46.72	214.8	44.76	204.8	42.84	184.8	38.96
	13	11.8	243.2	46.24	223.6	42.68	203.6	39.12	193.6	37.36	183.2	35.64	162.8	32.12
	15	13.7	222.0	38.80	202.0	35.60	181.6	32.44	171.6	30.84	161.2	29.28	140.4	26.16

45. ARUM960LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	-30	-30.2	164.8	85.84	163.6	86.52	162.4	87.20	162.0	87.52	161.2	87.84	160.4	88.52
	-24.8	-25	191.6	90.64	190.4	91.40	188.8	92.16	188.4	92.52	187.6	92.88	186.4	93.60
	-21.8	-22	208.4	93.48	206.8	94.28	205.6	95.04	204.8	95.44	204.0	95.80	202.8	96.56
	-19.8	-20	220.0	95.40	218.4	96.20	216.8	97.00	216.0	97.40	215.6	97.80	214.0	98.56
	-18.8	-19	226.0	96.36	224.4	97.20	222.8	98.00	222.0	98.40	221.2	98.80	219.6	99.60
	-16.7	-17	238.4	98.32	236.8	99.16	234.8	100.0	234.0	100.4	233.2	100.8	232.0	101.6
	-15	-15.9	245.6	99.48	244.0	100.4	242.4	101.2	241.6	101.6	240.8	102.0	238.0	102.4
	-13.7	-15	252.8	100.6	251.2	101.5	249.6	102.4	248.8	102.8	248.0	103.2	238.0	99.56
	-11.8	-13	264.8	102.4	263.2	103.3	261.2	104.2	260.4	104.7	255.2	102.8	238.0	95.52
	-9.8	-11	278.8	104.5	276.8	105.4	272.0	105.0	263.6	101.4	255.2	98.00	238.0	91.16
	-9.5	-10	285.2	105.5	283.2	106.4	272.0	102.6	263.6	99.20	255.2	95.80	238.0	89.16
	-8.5	-9.1	291.6	106.4	289.2	107.1	272.0	100.4	263.6	97.04	255.2	93.76	238.0	87.24
	-7	-7.6	302.8	108.1	289.2	103.2	272.0	96.76	263.6	93.56	255.2	90.40	238.0	84.12
	-5	-5.6	306.0	104.4	289.2	98.20	272.0	92.08	263.6	89.08	255.2	86.08	238.0	80.16
	-3	-3.7	306.0	99.48	289.2	93.60	272.0	87.80	263.6	84.96	255.2	82.12	238.0	76.48
	0	-0.7	306.0	92.20	289.2	86.80	272.0	81.48	263.6	78.88	255.2	76.28	238.0	71.12
	3	2.2	306.0	85.72	289.2	80.76	272.0	75.88	263.6	73.48	255.2	71.08	238.0	66.32
	5	4.1	289.6	75.60	272.8	71.00	255.6	66.48	246.8	64.24	238.4	62.00	220.8	57.56
	7	6	272.8	66.08	255.6	61.88	238.4	57.68	229.6	55.64	220.8	53.56	203.2	49.48
	9	7.9	255.6	57.32	238.0	53.48	220.4	49.64	211.6	47.76	202.8	45.88	185.2	42.12
	11	9.8	237.6	49.32	220.0	45.80	202.0	42.32	193.2	40.60	184.4	38.88	166.4	35.44
	13	11.8	218.8	41.88	201.2	38.72	183.2	35.60	174.0	34.04	165.2	32.48	146.8	29.36
	15	13.7	199.6	35.28	181.6	32.44	163.6	29.64	154.4	28.24	145.2	26.84	126.4	24.04
80	-30	-30.2	163.6	86.60	162.4	87.24	161.2	87.92	160.8	88.24	160.0	88.56	159.2	89.20
	-24.8	-25	190.0	91.64	188.4	92.36	187.2	93.08	186.4	93.44	186.0	93.80	184.8	94.52
	-21.8	-22	206.0	94.64	204.8	95.40	203.2	96.16	202.8	96.52	202.0	96.88	200.8	97.60
	-19.8	-20	217.6	96.64	216.0	97.44	214.8	98.24	214.0	98.60	213.2	99.00	211.6	99.68
	-18.8	-19	223.6	97.68	222.0	98.48	220.4	99.28	219.6	99.64	218.8	100.0	211.6	97.40
	-16.7	-17	235.6	99.76	234.0	100.6	232.4	101.4	231.6	101.8	226.8	99.92	211.6	93.00
	-15	-15.9	242.8	101.0	241.2	101.8	239.2	102.6	234.4	100.6	226.8	97.24	211.6	90.44
	-13.7	-15	250.0	102.2	248.0	103.1	242.0	101.3	234.4	97.88	226.8	94.52	211.6	87.92
	-11.8	-13	261.2	104.2	257.2	103.6	242.0	97.16	234.4	93.92	226.8	90.68	211.6	84.36
	-9.8	-11	272.0	105.0	257.2	98.76	242.0	92.68	234.4	89.64	226.8	86.64	211.6	80.72
	-9.5	-10	272.0	102.6	257.2	96.56	242.0	90.60	234.4	87.68	226.8	84.76	211.6	78.96
	-8.5	-9.1	272.0	100.4	257.2	94.48	242.0	88.68	234.4	85.80	226.8	82.92	211.6	77.28
	-7	-7.6	272.0	96.76	257.2	91.08	242.0	85.52	234.4	82.76	226.8	80.00	211.6	74.60
	-5	-5.6	272.0	92.08	257.2	86.76	242.0	81.48	234.4	78.84	226.8	76.24	211.6	71.12
	-3	-3.7	272.0	87.80	257.2	82.76	242.0	77.72	234.4	75.28	226.8	72.80	211.6	67.92
	0	-0.7	272.0	81.48	257.2	76.84	242.0	72.24	234.4	69.96	226.8	67.72	211.6	63.24
	3	2.2	272.0	75.88	257.2	71.60	242.0	67.36	234.4	65.28	226.8	63.16	211.6	59.04
	5	4.1	257.6	67.04	242.4	63.08	227.2	59.12	219.6	57.16	211.6	55.24	196.4	51.40
	7	6	242.8	58.72	227.2	55.08	211.6	51.44	204.0	49.64	196.4	47.88	180.8	44.32
	9	7.9	227.2	51.08	211.6	47.76	196.0	44.40	188.0	42.76	180.4	41.12	164.4	37.84
	11	9.8	211.2	44.08	195.6	41.04	179.6	38.00	171.6	36.48	163.6	35.00	147.6	32.00
	13	11.8	194.8	37.60	178.8	34.84	162.8	32.08	154.8	30.72	146.8	29.36	130.4	26.68
	15	13.7	177.6	31.80	161.6	29.32	145.2	26.88	137.2	25.64	128.8	24.40	112.4	21.96
70	-30	-30.2	162.0	87.56	160.8	88.20	159.6	88.84	159.2	89.16	158.4	89.48	157.6	90.12

45. ARUM960LTE6

Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	187.6	92.88	186.4	93.60	185.2	94.28	184.4	94.64	184.0	94.96	182.8	95.64
	-21.8	-22	203.6	96.04	202.0	96.80	200.8	97.52	200.0	97.88	198.4	97.60	185.2	90.88
	-19.8	-20	214.8	98.20	213.2	98.96	211.6	99.68	205.2	96.44	198.4	93.24	185.2	86.84
	-18.8	-19	220.4	99.32	218.8	100.1	211.6	97.40	205.2	94.24	198.4	91.12	185.2	84.88
	-16.7	-17	232.0	101.6	224.8	99.04	211.6	93.00	205.2	90.00	198.4	87.00	185.2	81.08
	-15	-15.9	238.0	102.4	224.8	96.40	211.6	90.44	205.2	87.48	198.4	84.56	185.2	78.76
	-13.7	-15	238.0	99.56	224.8	93.72	211.6	87.92	205.2	85.04	198.4	82.20	185.2	76.56
	-11.8	-13	238.0	95.52	224.8	89.88	211.6	84.36	205.2	81.60	198.4	78.88	185.2	73.52
	-9.8	-11	238.0	91.16	224.8	85.88	211.6	80.72	205.2	78.16	198.4	75.56	185.2	70.40
	-9.5	-10	238.0	89.16	224.8	84.04	211.6	78.96	205.2	76.44	198.4	73.96	185.2	69.04
	-8.5	-9.1	238.0	87.24	224.8	82.24	211.6	77.28	205.2	74.84	198.4	72.40	185.2	67.60
	-7	-7.6	238.0	84.12	224.8	79.32	211.6	74.60	205.2	72.24	198.4	69.92	185.2	65.28
	-5	-5.6	238.0	80.16	224.8	75.60	211.6	71.12	205.2	68.88	198.4	66.68	185.2	62.28
	-3	-3.7	238.0	76.48	224.8	72.20	211.6	67.92	205.2	65.80	198.4	63.72	185.2	59.56
	0	-0.7	238.0	71.12	224.8	67.16	211.6	63.24	205.2	61.28	198.4	59.36	185.2	55.52
	3	2.2	238.0	66.32	224.8	62.68	211.6	59.04	205.2	57.24	198.4	55.48	185.2	51.92
	5	4.1	225.2	58.72	212.0	55.32	198.8	51.96	192.0	50.28	185.2	48.60	172.0	45.32
	7	6	212.4	51.56	198.8	48.44	185.2	45.36	178.4	43.80	171.6	42.28	158.0	39.20
	9	7.9	198.8	45.00	185.2	42.12	171.6	39.28	164.8	37.88	157.6	36.48	144.0	33.64
	11	9.8	184.8	38.96	171.2	36.36	157.2	33.76	150.4	32.48	143.2	31.16	129.2	28.60
	13	11.8	170.4	33.36	156.4	31.00	142.4	28.68	135.6	27.48	128.4	26.32	114.0	23.96
	15	13.7	155.2	28.40	141.2	26.24	127.2	24.16	120.0	23.08	112.8	22.04	98.40	19.92
60	-30	-30.2	159.6	88.80	158.8	89.44	157.6	90.08	157.2	90.36	156.4	90.68	155.6	91.28
	-24.8	-25	184.8	94.48	183.6	95.16	181.6	95.28	175.6	92.24	170.0	89.20	158.8	83.20
	-21.8	-22	200.0	97.88	192.8	94.72	181.6	89.00	175.6	86.16	170.0	83.36	158.8	77.76
	-19.8	-20	204.0	95.96	192.8	90.48	181.6	85.04	175.6	82.36	170.0	79.68	158.8	74.36
	-18.8	-19	204.0	93.80	192.8	88.44	181.6	83.16	175.6	80.52	170.0	77.88	158.8	72.72
	-16.7	-17	204.0	89.56	192.8	84.48	181.6	79.44	175.6	76.92	170.0	74.44	158.8	69.52
	-15	-15.9	204.0	87.08	192.8	82.08	181.6	77.12	175.6	74.68	170.0	72.24	158.8	67.40
	-13.7	-15	204.0	84.64	192.8	79.80	181.6	75.00	175.6	72.60	170.0	70.24	158.8	65.56
	-11.8	-13	204.0	81.24	192.8	76.56	181.6	71.96	175.6	69.68	170.0	67.44	158.8	62.96
	-9.8	-11	204.0	77.76	192.8	73.32	181.6	68.96	175.6	66.76	170.0	64.60	158.8	60.32
	-9.5	-10	204.0	76.08	192.8	71.84	181.6	67.64	175.6	65.52	170.0	63.48	158.8	59.32
	-8.5	-9.1	204.0	74.48	192.8	70.32	181.6	66.24	175.6	64.20	170.0	62.16	158.8	58.12
	-7	-7.6	204.0	71.92	192.8	67.92	181.6	63.96	175.6	62.00	170.0	60.04	158.8	56.16
	-5	-5.6	204.0	68.56	192.8	64.80	181.6	61.04	175.6	59.20	170.0	57.32	158.8	53.68
	-3	-3.7	204.0	65.52	192.8	61.92	181.6	58.36	175.6	56.60	170.0	54.84	158.8	51.36
	0	-0.7	204.0	61.00	192.8	57.72	181.6	54.44	175.6	52.80	170.0	51.20	158.8	47.96
	3	2.2	204.0	57.00	192.8	53.96	181.6	50.92	175.6	49.44	170.0	47.92	158.8	44.96
	5	4.1	193.2	50.56	181.6	47.76	170.4	44.92	164.4	43.52	158.8	42.12	147.2	39.36
	7	6	182.0	44.60	170.4	41.96	158.8	39.36	153.2	38.08	147.2	36.80	135.6	34.24
	9	7.9	170.4	39.04	158.8	36.64	146.8	34.28	141.2	33.08	135.2	31.88	123.2	29.52
	11	9.8	158.4	33.96	146.4	31.80	134.8	29.60	128.8	28.52	122.8	27.44	110.8	25.24
	13	11.8	146.0	29.24	134.0	27.28	122.0	25.28	116.0	24.32	110.0	23.32	97.60	21.32
	15	13.7	133.2	25.04	121.2	23.24	108.8	21.48	102.8	20.56	96.80	19.68	84.40	17.88
50	-30	-30.2	156.8	90.52	156.0	91.12	151.2	89.04	146.4	86.24	141.6	83.44	132.4	77.92
	-24.8	-25	170.0	89.20	160.8	84.20	151.2	79.24	146.4	76.76	141.6	74.32	132.4	69.44

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Combi.	Outdoor Air Temp.		Indoor Air Temp. (°C, DB)											
			16.0		18.0		20.0		21.0		22.0		24.0	
	(°C, DB)	(°C, WB)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-21.8	-22	170.0	83.36	160.8	78.72	151.2	74.08	146.4	71.80	141.6	69.52	132.4	65.00
	-19.8	-20	170.0	79.68	160.8	75.24	151.2	70.84	146.4	68.68	141.6	66.52	132.4	62.20
	-18.8	-19	170.0	77.92	160.8	73.56	151.2	69.28	146.4	67.16	141.6	65.04	132.4	60.84
	-16.7	-17	170.0	74.44	160.8	70.32	151.2	66.24	146.4	64.24	141.6	62.20	132.4	58.20
	-15	-15.9	170.0	72.24	160.8	68.20	151.2	64.24	146.4	62.24	141.6	60.28	132.4	56.40
	-13.7	-15	170.0	70.24	160.8	66.32	151.2	62.48	146.4	60.56	141.6	58.64	132.4	54.88
	-11.8	-13	170.0	67.44	160.8	63.68	151.2	60.00	146.4	58.16	141.6	56.32	132.4	52.72
	-9.8	-11	170.0	64.60	160.8	61.04	151.2	57.52	146.4	55.76	141.6	54.00	132.4	50.56
	-9.5	-10	170.0	63.48	160.8	60.04	151.2	56.60	146.4	54.92	141.6	53.24	132.4	49.88
	-8.5	-9.1	170.0	62.16	160.8	58.80	151.2	55.48	146.4	53.80	141.6	52.16	132.4	48.88
	-7	-7.6	170.0	60.04	160.8	56.80	151.2	53.60	146.4	52.04	141.6	50.44	132.4	47.32
	-5	-5.6	170.0	57.32	160.8	54.28	151.2	51.24	146.4	49.72	141.6	48.24	132.4	45.24
	-3	-3.7	170.0	54.84	160.8	51.96	151.2	49.08	146.4	47.64	141.6	46.20	132.4	43.36
	0	-0.7	170.0	51.20	160.8	48.52	151.2	45.84	146.4	44.52	141.6	43.20	132.4	40.60
	3	2.2	170.0	47.92	160.8	45.44	151.2	43.00	146.4	41.80	141.6	40.56	132.4	38.12
	5	4.1	160.8	42.68	151.6	40.36	142.0	38.08	137.2	36.92	132.4	35.80	122.8	33.56
	7	6	151.6	37.76	142.0	35.64	132.4	33.52	127.6	32.48	122.8	31.44	112.8	29.32
	9	7.9	142.0	33.24	132.4	31.28	122.4	29.36	117.6	28.36	112.8	27.40	102.8	25.48
	11	9.8	132.0	29.08	122.0	27.28	112.4	25.52	107.2	24.64	102.4	23.72	92.40	21.96
	13	11.8	121.6	25.20	111.6	23.60	101.6	21.96	96.80	21.16	91.60	20.36	81.60	18.72
	15	13.7	110.8	21.76	100.8	20.28	90.80	18.84	85.60	18.08	80.40	17.36	70.40	15.88

Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

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45.5 Capacity Correction Factor

45.5.1 Cooling

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0	77.0
-100	-	-	-	-	-	-	-	-	-	-	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-90	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-80	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-70	-	-	-	-	-	-	-	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-60	-	-	-	-	-	-	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	77.0	77.0
-50	-	-	-	-	-	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-40	-	-	-	-	94.0	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-30	-	-	-	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-20	-	-	97.0	96.0	94.0	93.0	92.0	91.0	89.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0	77.0
-10	-	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
-7.5	99.0	99.0	97.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	87.0	86.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	77.0
0	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0	78.0
7.5	100.0	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
10	-	99.0	98.0	96.0	95.0	93.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
20	-	-	98.0	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	79.0	78.0	78.0
30	-	-	-	96.0	95.0	94.0	92.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
40	-	-	-	-	95.0	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
50	-	-	-	-	-	94.0	93.0	91.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	79.0	79.0	78.0	78.0
60	-	-	-	-	-	-	93.0	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	83.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
70	-	-	-	-	-	-	-	92.0	90.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
80	-	-	-	-	-	-	-	-	91.0	89.0	88.0	87.0	86.0	85.0	84.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
90	-	-	-	-	-	-	-	-	-	90.0	88.0	87.0	86.0	85.0	85.0	84.0	83.0	82.0	81.0	80.0	80.0	79.0	78.0	78.0
100	-	-	-	-	-	-	-	-	-	-	89.0	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0
110	-	-	-	-	-	-	-	-	-	-	-	88.0	87.0	86.0	85.0	84.0	83.0	82.0	81.0	81.0	80.0	79.0	78.0	78.0

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased) Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

45.5.2 Heating

Level difference (=IDU-ODU) (m)	Capacity correction factor (%) by equivalent pipe length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225
-110	-	-	-	-	-	-	-	-	-	-	-	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
-7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
10	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
20	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
30	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
40	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
50	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
60	-	-	-	-	-	-	100.0	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	100.0	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	100.0	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	100.0	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	95.0	91.0	87.0	85.0	82.0	80.0	78.0	-	-	-	-	-	-	-

Note

■ These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)

■ With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

■ If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.

■ Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.

■ Equivalent piping length for Y Branch and other pipes can be calculated with following table.

Piping Diameter [mm(inch)]	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow(m)	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.85
Y Branch(m)	0.50													
Header(m)	1.00													
HR unit(m)	0.25													

■ When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
- The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more
(Liquid or Gas pipes are increased in accordance with below table)
- The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.

■ Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

Rate of Change (object piping)	Correction factor			
	standard size	size increase		
		Capacity Class ≤ 34HP	Capacity Class ≤ 60HP	Capacity Class ≥ 62HP
Cooling(Gas pipe)	1	0.5	0.5	-
Heating(Liquid pipe)	1	0.2	0.4	0.4

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※ Accordance with product type(operation mode), target region, model line up could be different.
Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)
: Overall equivalent pipe length for Cooling = 30m x 0.5 + 30m = 45m
: Overall equivalent pipe length for Heating = 30m x 0.2 + 30m = 36m

* The rate of change in
Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.
Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

Defrosting Correction Factor for Heating Operation

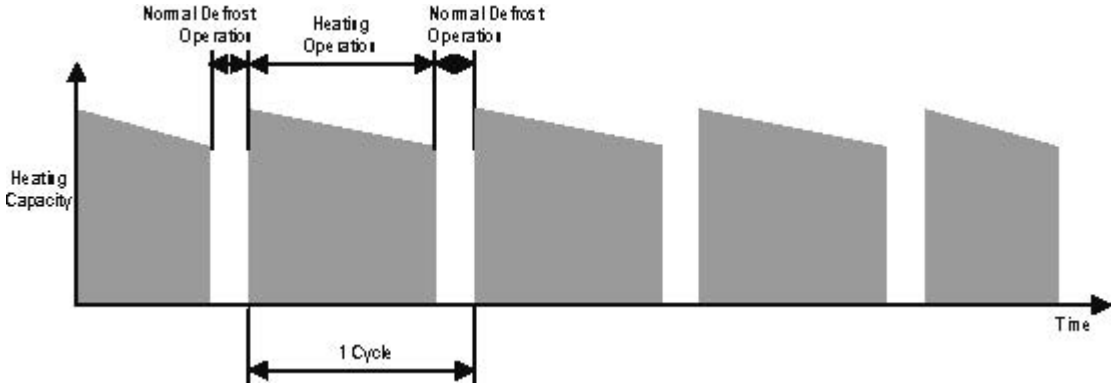
The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.
The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

1.Fomula
- ■ Integrated heating capacity = A
- ■ Value given in table of capacity characteristics = B
- ■ Integrated correction factor for frost accumulation = C
- ■ A = B x C

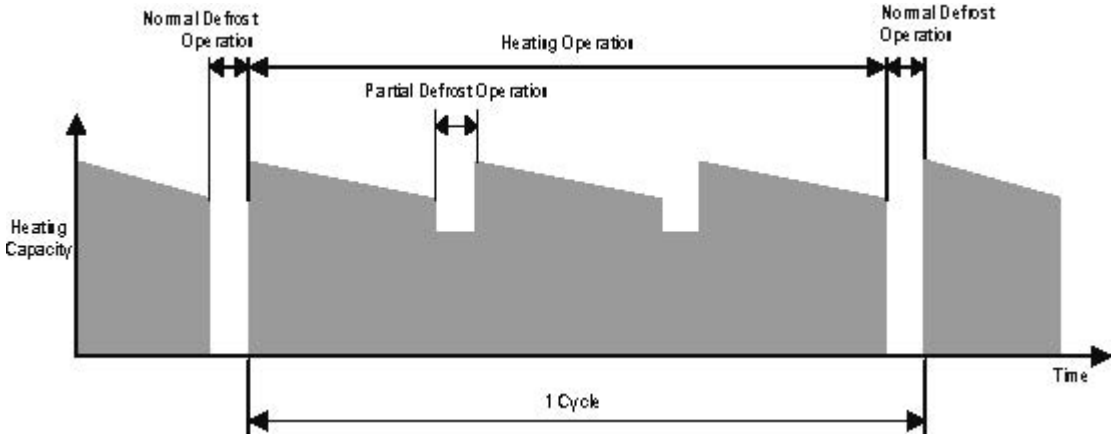
2. Correction Factor for Finding Integrated Heating Capacity

Integrated Correction Factor for Frost Accumulation	Inlet Air Temperature of Heat Exchanger (°C,RH 85%)						
	-7	-5	-3	0	3	5	7
Normal Defrost Operation	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Partial Defrost Operation	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Normal Defrost Operation / Dual sensing	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Partial Defrost Operation / Dual sensing	0.92	0.90	0.86	0.91	0.94	0.95	1.0

■ Normal Defrost Operation



■ Partial Defrost Operation

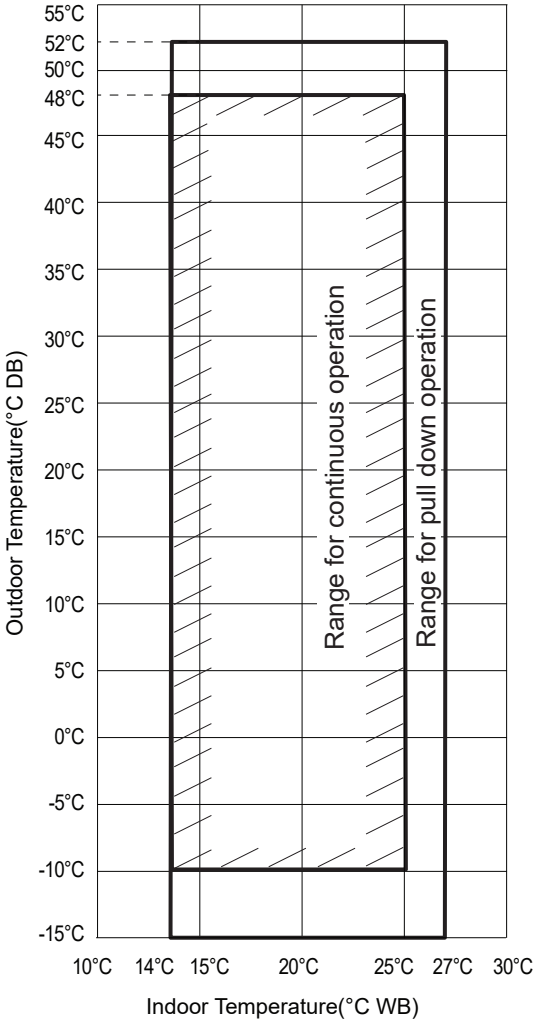


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.
Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

45. ARUM960LTE6

45.6 Operation Limits

45.6.1 Cooling

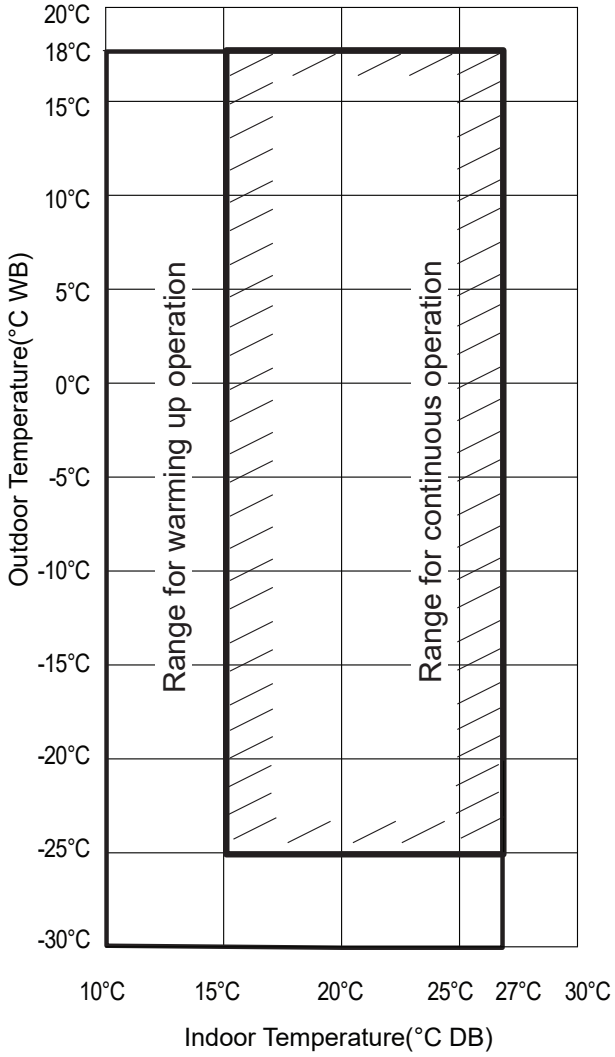


Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

45. ARUM960LTE6

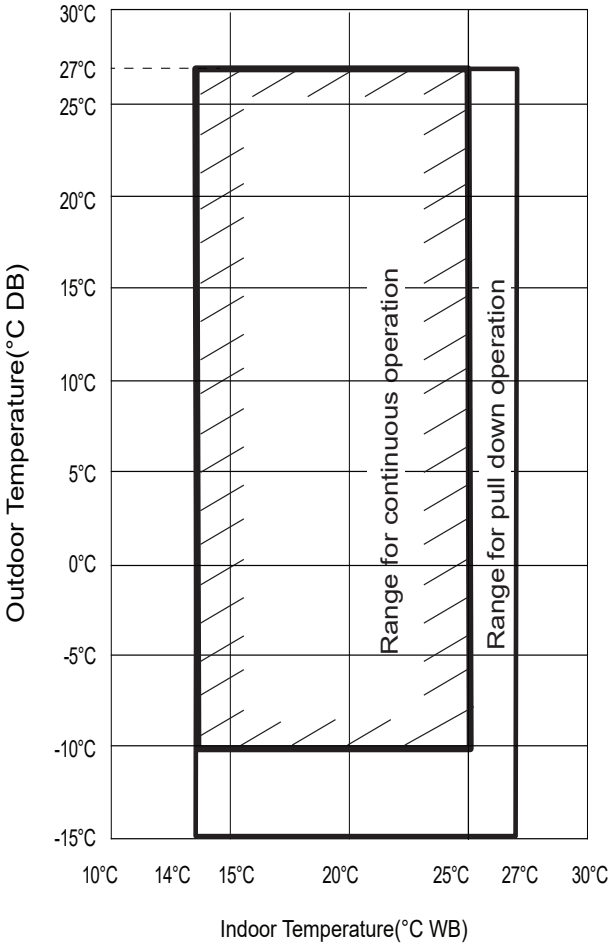
45.6.2 Heating



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

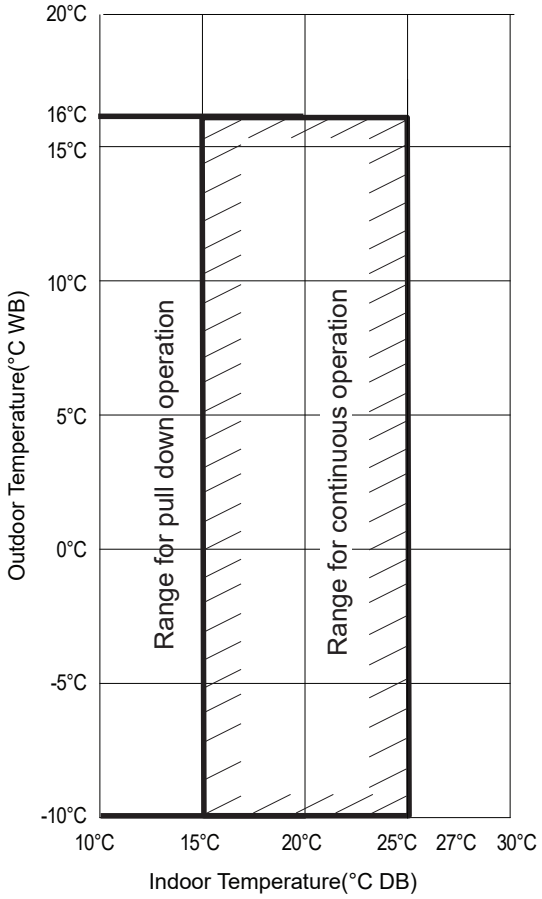
45.6.3 Simultaneous Operation (Cooling)



Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

45.6.4 Simultaneous Operation (Heating)



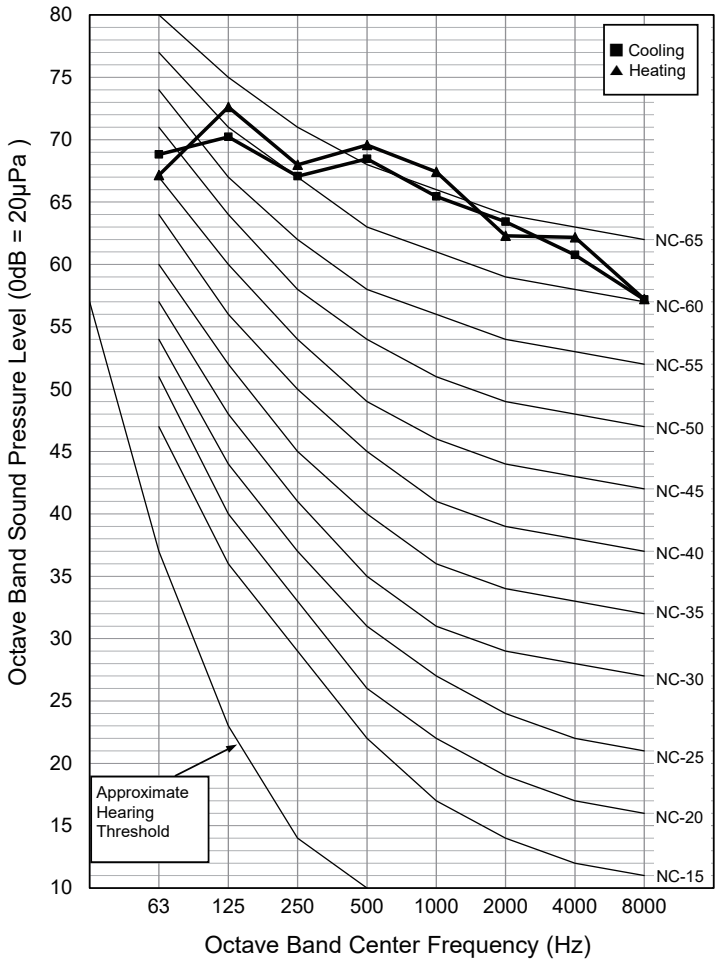
Note

- These figures assume the following operating conditions
  : Equivalent piping length is standard condition, and level differenc is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

45. ARUM960LTE6

45.7 Sound Levels

45.7.1 Pressure Levels



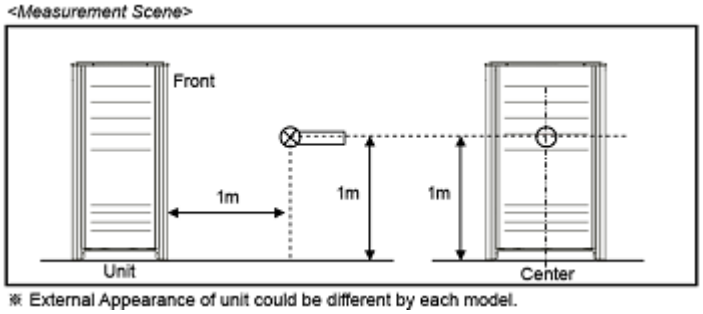
Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	68.8	70.2	67.1	68.5	65.4	63.4	60.8	57.2
Heating[dB]	67.2	72.6	68.0	69.6	67.4	62.3	62.2	57.2

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	71.0 / 72.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference accoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions.(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

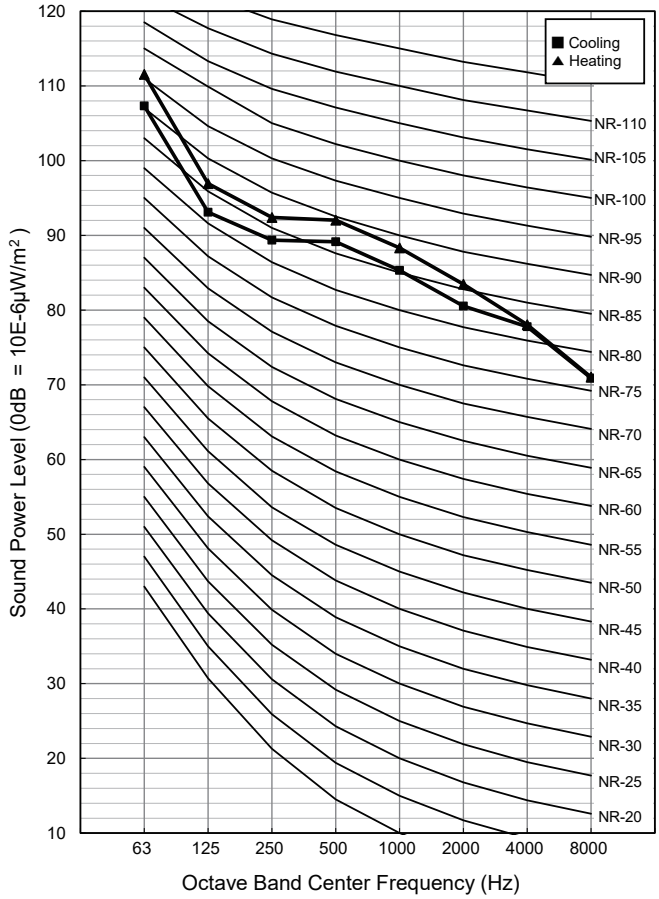
<Measurement Scene>



※ External Appearance of unit could be different by each model.

45. ARUM960LTE6

45.7.2 Power Levels



Octave Band [Hz]	63	125	250	500	1000	2000	4000	8000
Cooling[dB]	107.3	93.1	89.4	89.1	85.3	80.5	77.8	70.9
Heating[dB]	111.5	96.9	92.4	92.0	88.3	83.5	78.1	71.0

Sound level [dB(A), @ Standard condition]	
Cooling / Heating	91.0 / 94.0

Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m2
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.
  (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

Accessory

HR unit

1. PRHR023

1.1 Specifications

Category		Unit	Specification
Major	Minor		
Max. Connectable No. of Indoor Units	-	EA	16
Max. Connectable No. of Indoor Units o f a branch	-	EA	8
Input(Nominal)	Cooling	W	39.8
	Heating	W	37.2
Weight	Net	kg	14.9
		lbs	32.8
Dimensions	Net(W x H x D)	mm	786 x 218 x 657
		Inch	30-15/16 x 8-19/32 x 25-7/8
Casing	-	-	Galvanized steel plate
Refrigenrant piping diameter (To indoor Unit)	Liquid Pipe(Ø)	mm(inch)	Ø9.52(3/8) ~ Ø6.35(1/4)
	Gas Pipe(Ø)	mm(inch)	Ø15.88(5/8) ~ Ø12.7(1/2)
Refrigerant piping diameter (To outdoor unit)	Liquid(Ø)	mm(inch)	Ø9.52(3/8)
	Low Pressure(Ø)	mm(inch)	Ø22.2(7/8)
	High Pressure(Ø)	mm(inch)	Ø19.05(3/4)
Sound Absorbing Insulation Material	-	-	Polyethylene Foam
Current	Minimum Circuit Amps(MCA)	-	0.17
Power Supply	Case 1	-	220-230-240, 1, 50
	Case 2	-	220, 1, 60

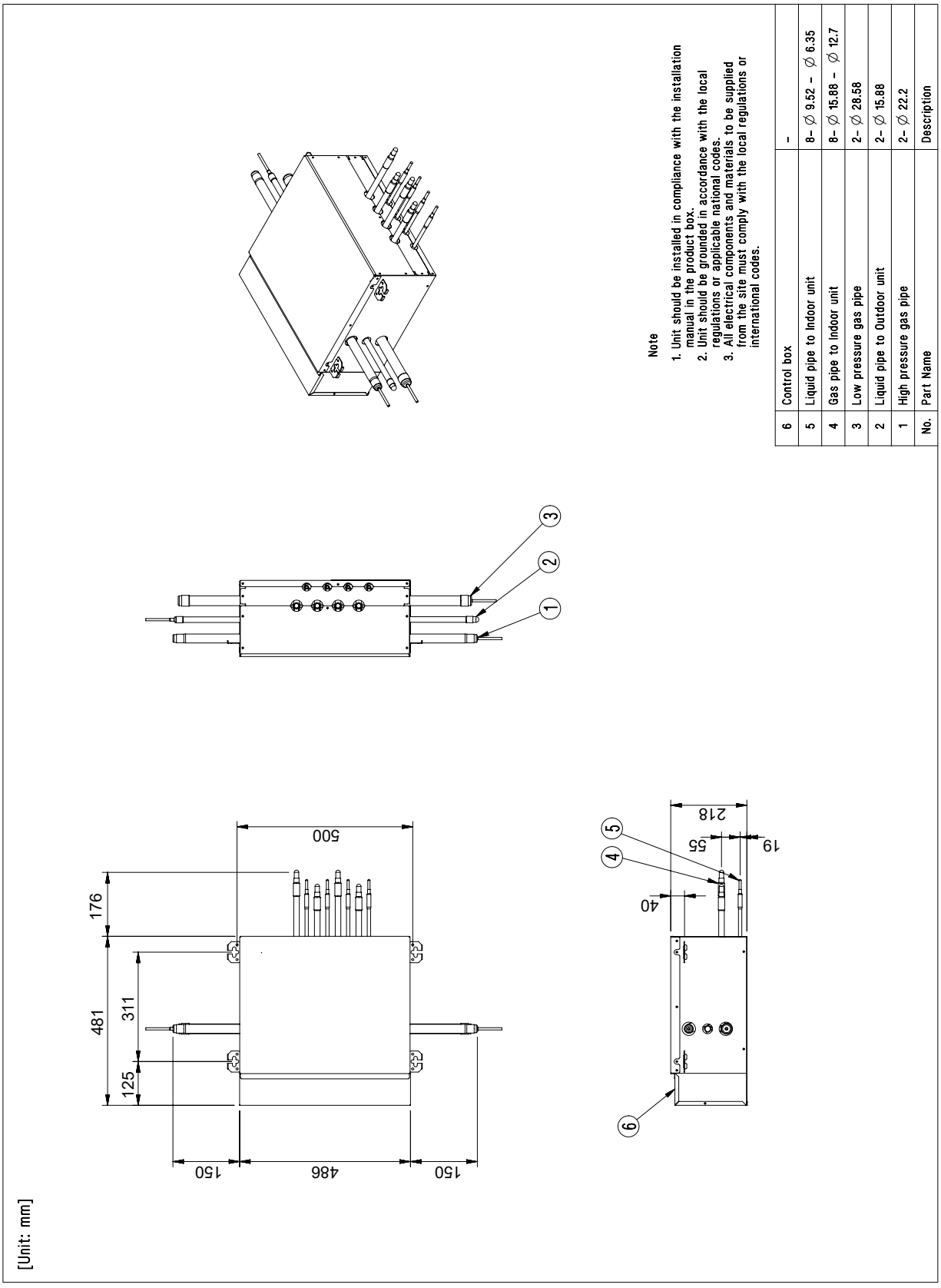
Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA = 1.25 x FLA, MFA = 1.1 x MCA
  If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
  Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

1. PRHR023

1.2 Dimensions

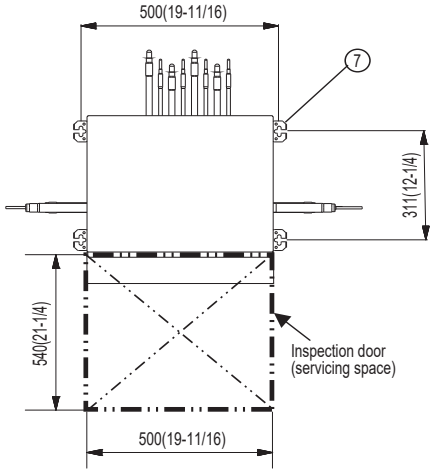
1.2.1 Product

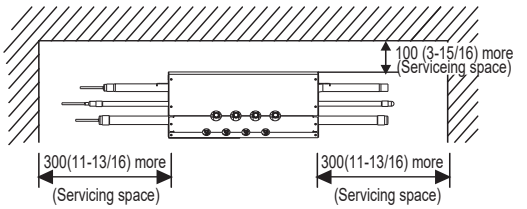


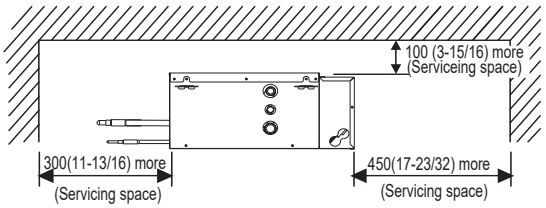
1. PRHR023

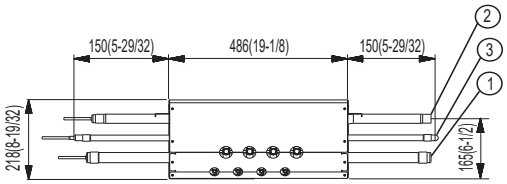
1.2.2 Installation Space

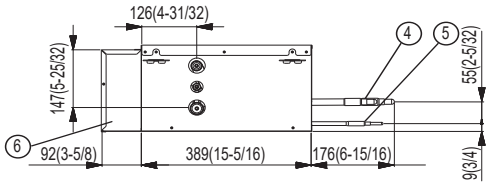
[Unit : mm(inch)]











No.	Part Name	Description	
		PRHR033 / PRHR043	PRHR023
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection	Ø22.2(7/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection	Ø19.05(3/4) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection(PRHR043) Ø12.7 Brazing connection(PRHR033)	Ø9.52(3/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-	-
7	Hanger metal	Suspension bolt M10 or M8	Suspension bolt M10 or M8

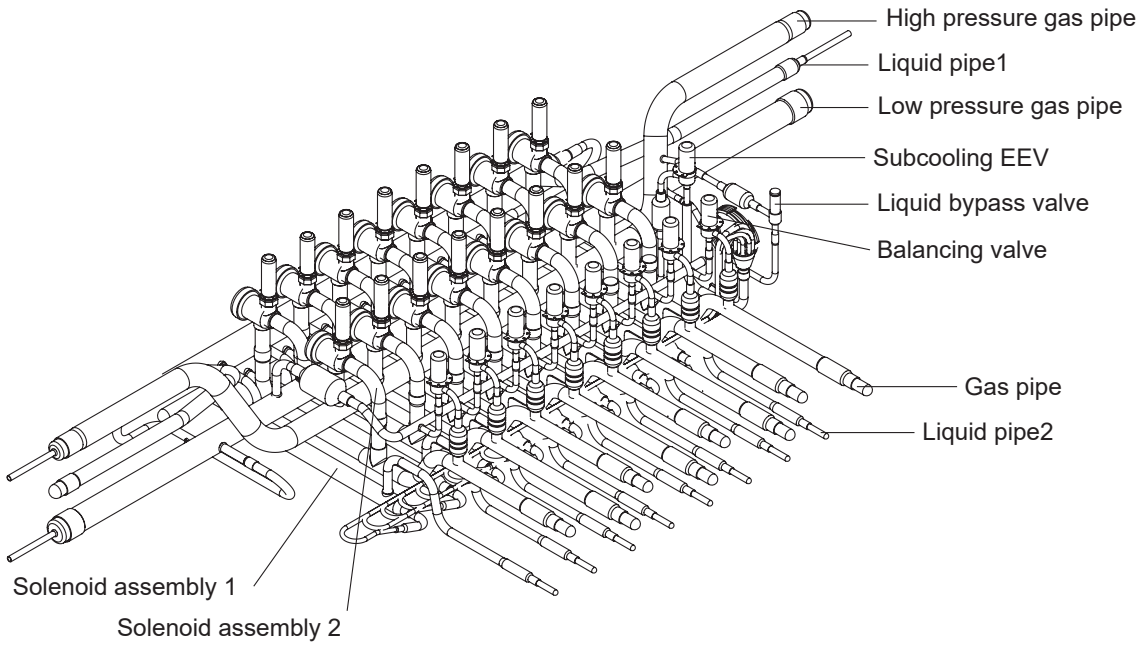
Note

■ Avoid a place where rain may enter since the HR unit is for indoor.
■ Sufficient service space must be obtained.
■ Refrigerant pipe must not exceed limited length.
■ Avoid a place subject to a strong radiation heat from other heat source.
■ Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
■ Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
■ Place where refrigerant piping, drain piping and electrical wiring works are easy.
■ Be sure to install the inspection door at the control box side.
■ If reducers are used, servicing space must be increased equal to reducer's dimension.

1. PRHR023

1.3 Parts Function

Parts Name	Symbol	Major Function
Low pressure gas pipe	LPGV	Pipe for Low pressure gas
High pressure gas pipe	HPGV	Pipe for High pressure gas
Liquid pipe 1	LP1	Liquid pipe connected with outdoor unit
Liquid bypass valve	LBV	Prevent Liquid charging
Solenoid Assembly 1, 2	SOL1, 2	Control the path for heating or cooling
Liquid pipe 2	LP2	Liquid pipe connected with indoor unit
Gas pipe	GSP	Gas pipe connected with indoor unit
Balancing valve	BLV	Control the pressure between High and Low pressure pipe during operation switching
Subcooling EEV	SCEEV	Control the subcooling

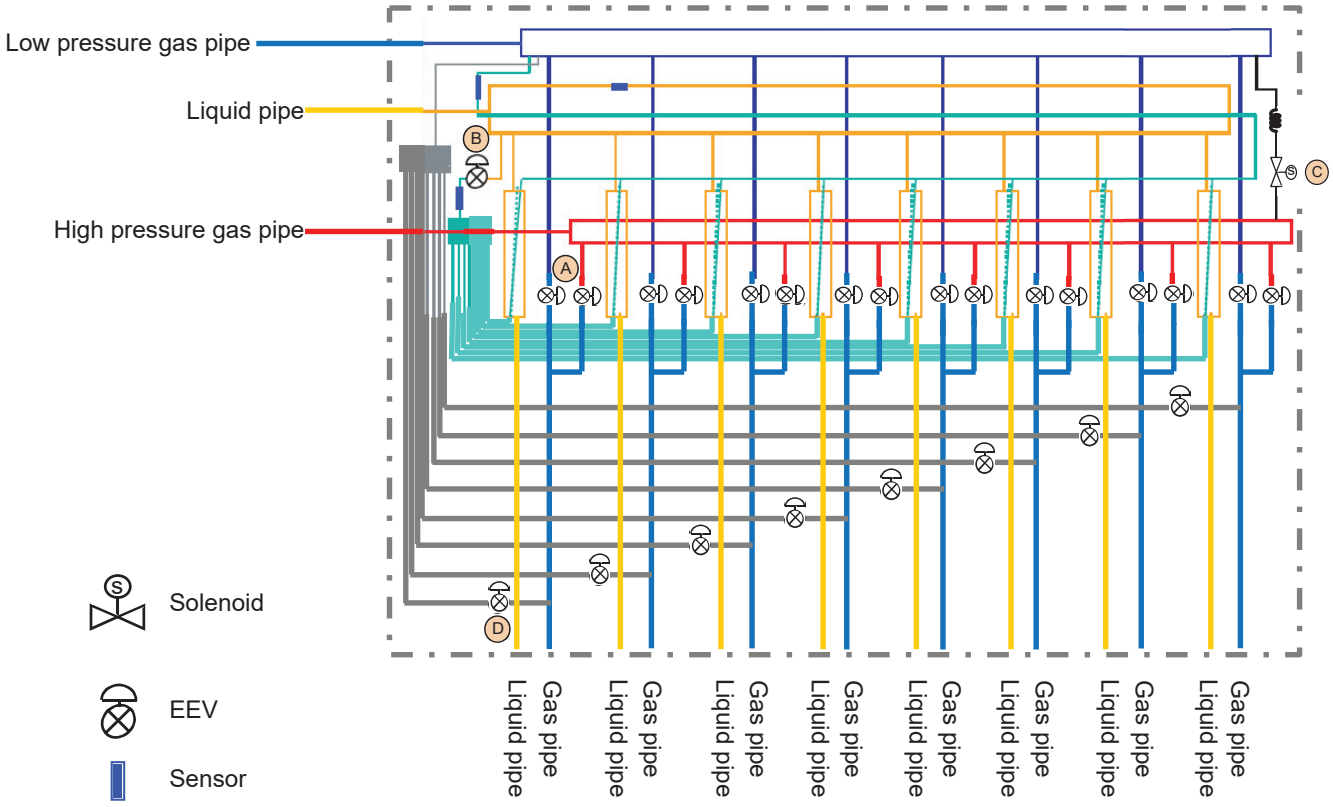


Note

■ It is a representative image that is commonly used and may be different for each model.

1. PRHR023

1.4 Piping Diagrams

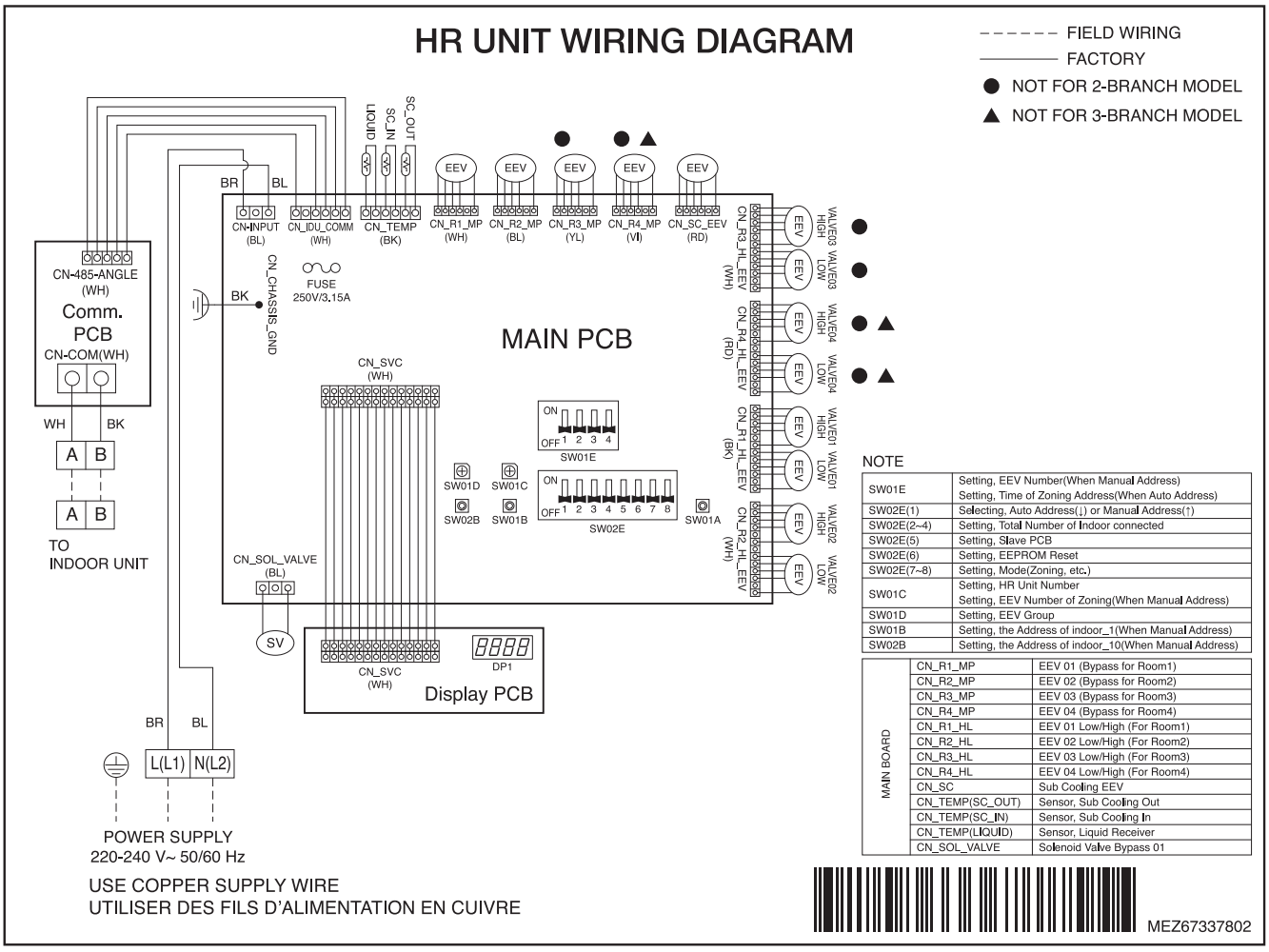


Note

- It is a representative image that is commonly used and may be different for each model.
- A : To be switched operation between cooling and heating by two valves.
- B : To be used decreasing noise according to sub-cooling of inlet of indoor unit and outlet of indoor unit (Simultaneous operation).
- C : To prevent liquid charging between H/P gas valve and HR unit at cooling mode.
- D : To be controlled the pressure between High and Low pressure pipe during operation switching.

1. PRHR023

1.5 Wiring Diagrams



NOTE

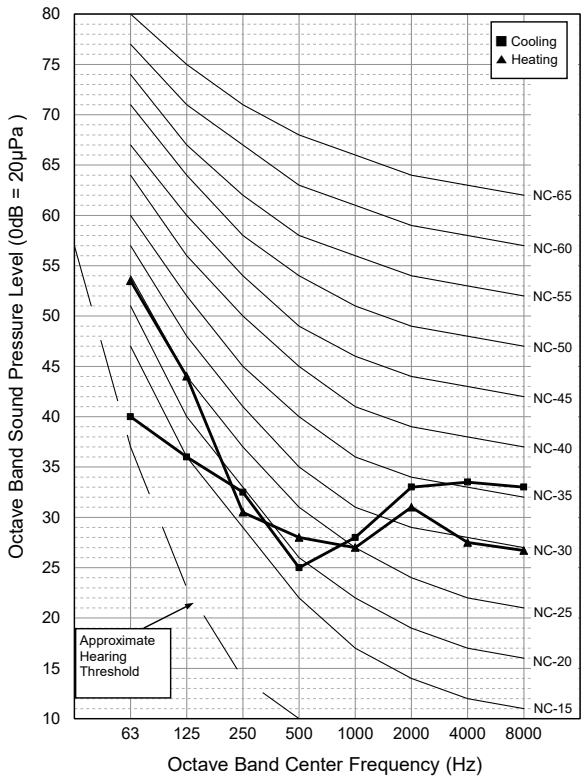
SW01E	Setting, EEV Number(When Manual Address) Setting, Time of Zoning Address(When Auto Address)
SW02E(1)	Selecting, Auto Address(↓) or Manual Address(↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode(Zoning, etc.)
SW01C	Setting, HR Unit Number Setting, EEV Number of Zoning(When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1(When Manual Address)
SW02B	Setting, the Address of indoor_10(When Manual Address)

MAIN BOARD	CN_R1_MP	EEV 01 (Bypass for Room1)
	CN_R2_MP	EEV 02 (Bypass for Room2)
	CN_R3_MP	EEV 03 (Bypass for Room3)
	CN_R4_MP	EEV 04 (Bypass for Room4)
	CN_R1_HL	EEV 01 Low/High (For Room1)
	CN_R2_HL	EEV 02 Low/High (For Room2)
	CN_R3_HL	EEV 03 Low/High (For Room3)
	CN_R4_HL	EEV 04 Low/High (For Room4)
	CN_SC	Sub Cooling EEV
	CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
	CN_TEMP(SC_IN)	Sensor, Sub Cooling In
	CN_TEMP(LIQUID)	Sensor, Liquid Receiver
	CN_SOL_VALVE	Solenoid Valve Bypass 01

1. PRHR023

1.6 Sound Levels

1.6.1 Pressure Levels

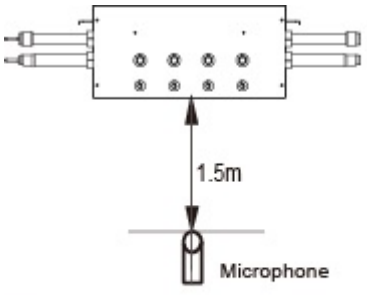


Sound Level [dB(A)]	
Cooling / Heating	30 / 30

Note

■ Sound measured at 1.5m away from the center of the unit.
■ Operating condition
- Power source : 220-240V 50Hz / 220V 60Hz
- Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
- Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)

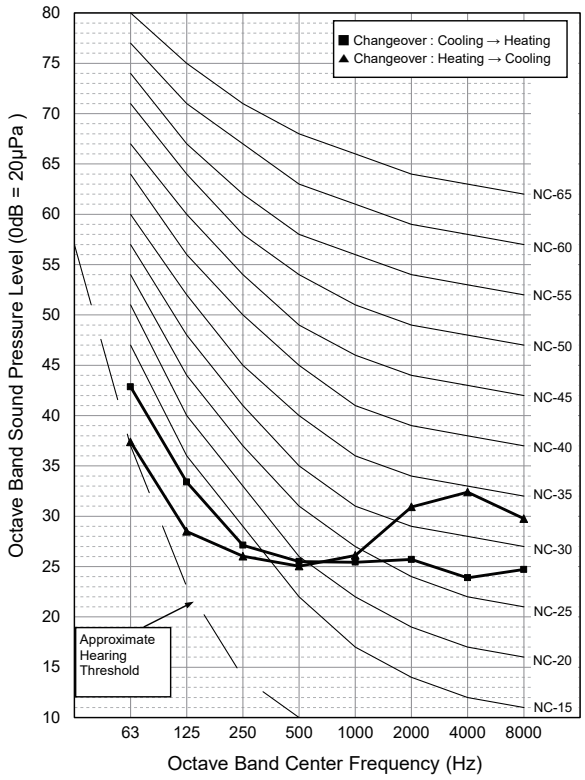
■ Reference accoustic pressure 0dB = 20μPa.
■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

1. PRHR023

1.6.2 Pressure Levels - Changeover

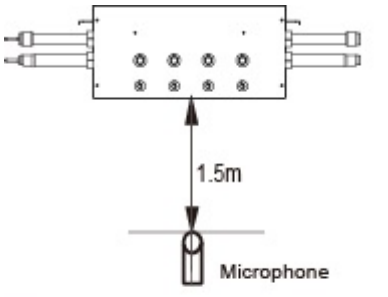


Sound Level [dB(A)]	
Changeover : Cooling → Heating / Heating → Cooling	33 / 38

Note

■ Sound measured at 1.5m away from the center of the unit.
■ Operating condition
- Power source : 220-240V 50Hz / 220V 60Hz
- Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
- Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)

■ Reference accoustic pressure 0dB = 20μPa.
■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

2. PRHR033

2.1 Specifications

Category		Unit	Specification
Major	Minor		
Max. Connectable No. of Indoor Units	-	EA	24
Max. Connectable No. of Indoor Units o f a branch	-	EA	8
Input(Nominal)	Cooling	W	39.8
	Heating	W	37.2
Weight	Net	kg	16.7
		lbs	36.8
Dimensions	Net(W x H x D)	mm	786 x 218 x 657
		Inch	30-15/16 x 8-19/32 x 25-7/8
Casing	-	-	Galvanized steel plate
Refrigenrant piping diameter (To indoor Unit)	Liquid Pipe(Ø)	mm(inch)	Ø9.52(3/8) ~ Ø6.35(1/4)
	Gas Pipe(Ø)	mm(inch)	Ø15.88(5/8) ~ Ø12.7(1/2)
Refrigerant piping diameter (To outdoor unit)	Liquid(Ø)	mm(inch)	Ø12.7(1/2)
	Low Pressure(Ø)	mm(inch)	Ø28.58(1-1/8)
	High Pressure(Ø)	mm(inch)	Ø22.2(7/8)
Sound Absorbing Insulation Material	-	-	Polyethylene Foam
Current	Minimum Circuit Amps(MCA)	-	0.17
Power Supply	Case 1	-	220-230-240, 1, 50
	Case 2	-	220, 1, 60

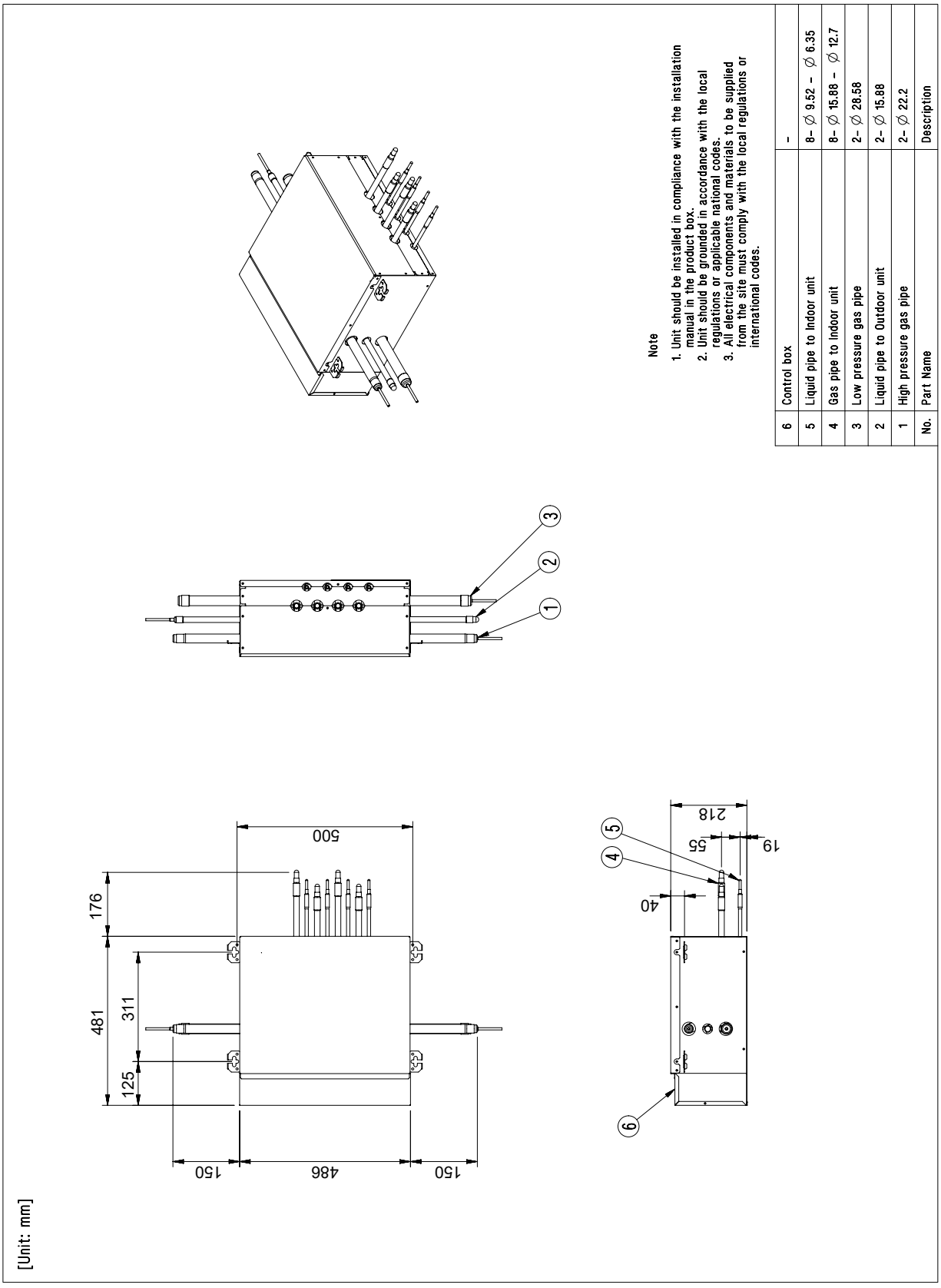
Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA = 1.25 x FLA, MFA = 1.1 x MCA
  If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
  Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

2. PRHR033

2.2 Dimensions

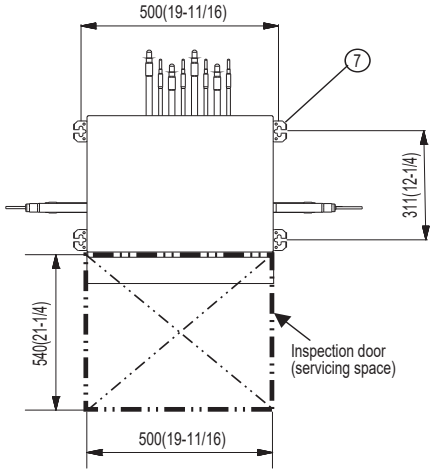
2.2.1 Product

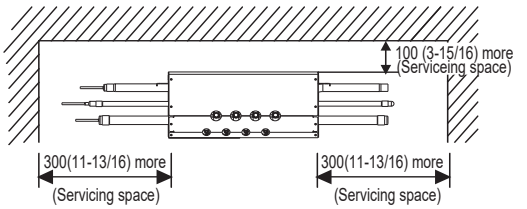


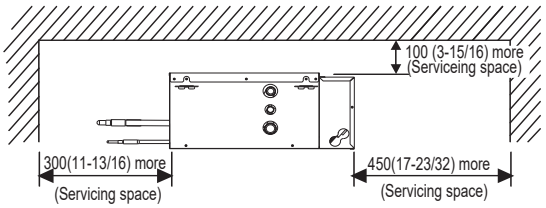
2. PRHR033

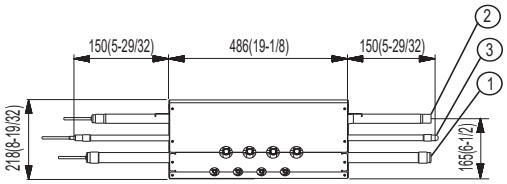
2.2.2 Installation Space

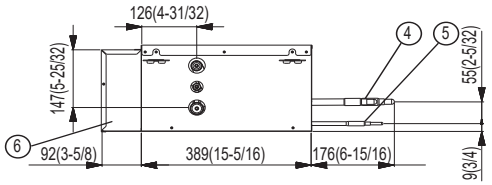
[Unit : mm(inch)]











No.	Part Name	Description	
		PRHR033 / PRHR043	PRHR023
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection	Ø22.2(7/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection	Ø19.05(3/4) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection(PRHR043) Ø12.7 Brazing connection(PRHR033)	Ø9.52(3/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-	-
7	Hanger metal	Suspension bolt M10 or M8	Suspension bolt M10 or M8

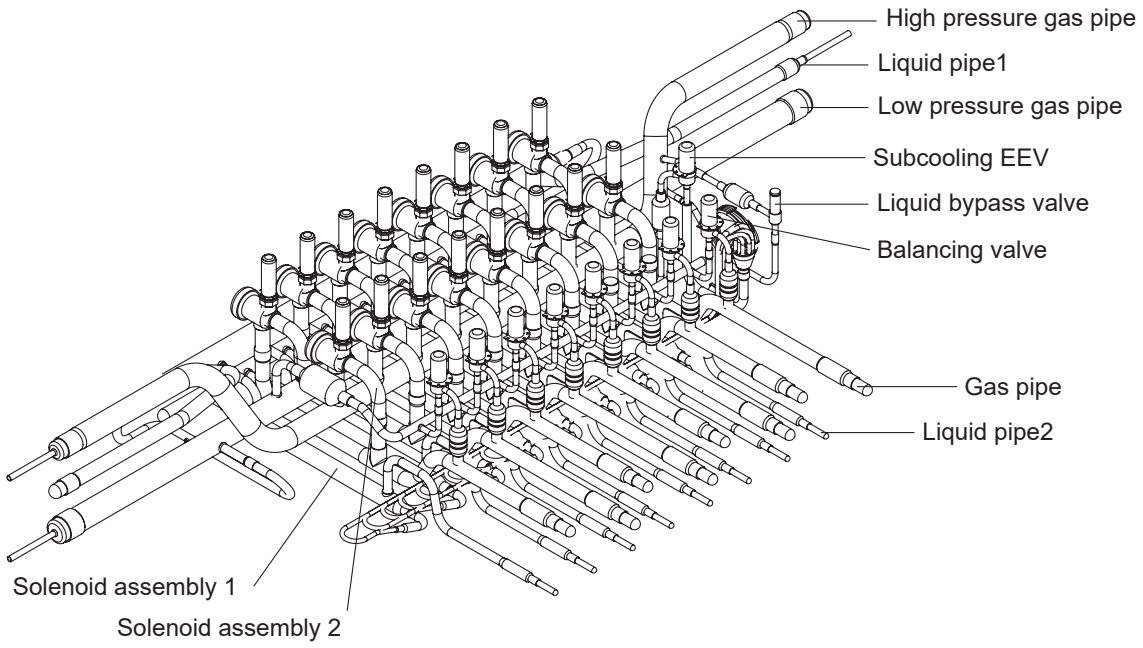
Note

- Avoid a place where rain may enter since the HR unit is for indoor.
- Sufficient service space must be obtained.
- Refrigerant pipe must not exceed limited length.
- Avoid a place subject to a strong radiation heat from other heat source.
- Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
- Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
- Place where refrigerant piping, drain piping and electrical wiring works are easy.
- Be sure to install the inspection door at the control box side.
- If reducers are used, servicing space must be increased equal to reducer's dimension.

2. PRHR033

2.3 Parts Function

Parts Name	Symbol	Major Function
Low pressure gas pipe	LPGV	Pipe for Low pressure gas
High pressure gas pipe	HPGV	Pipe for High pressure gas
Liquid pipe 1	LP1	Liquid pipe connected with outdoor unit
Liquid bypass valve	LBV	Prevent Liquid charging
Solenoid Assembly 1, 2	SOL1, 2	Control the path for heating or cooling
Liquid pipe 2	LP2	Liquid pipe connected with indoor unit
Gas pipe	GSP	Gas pipe connected with indoor unit
Balancing valve	BLV	Control the pressure between High and Low pressure pipe during operation switching
Subcooling EEV	SCEEV	Control the subcooling

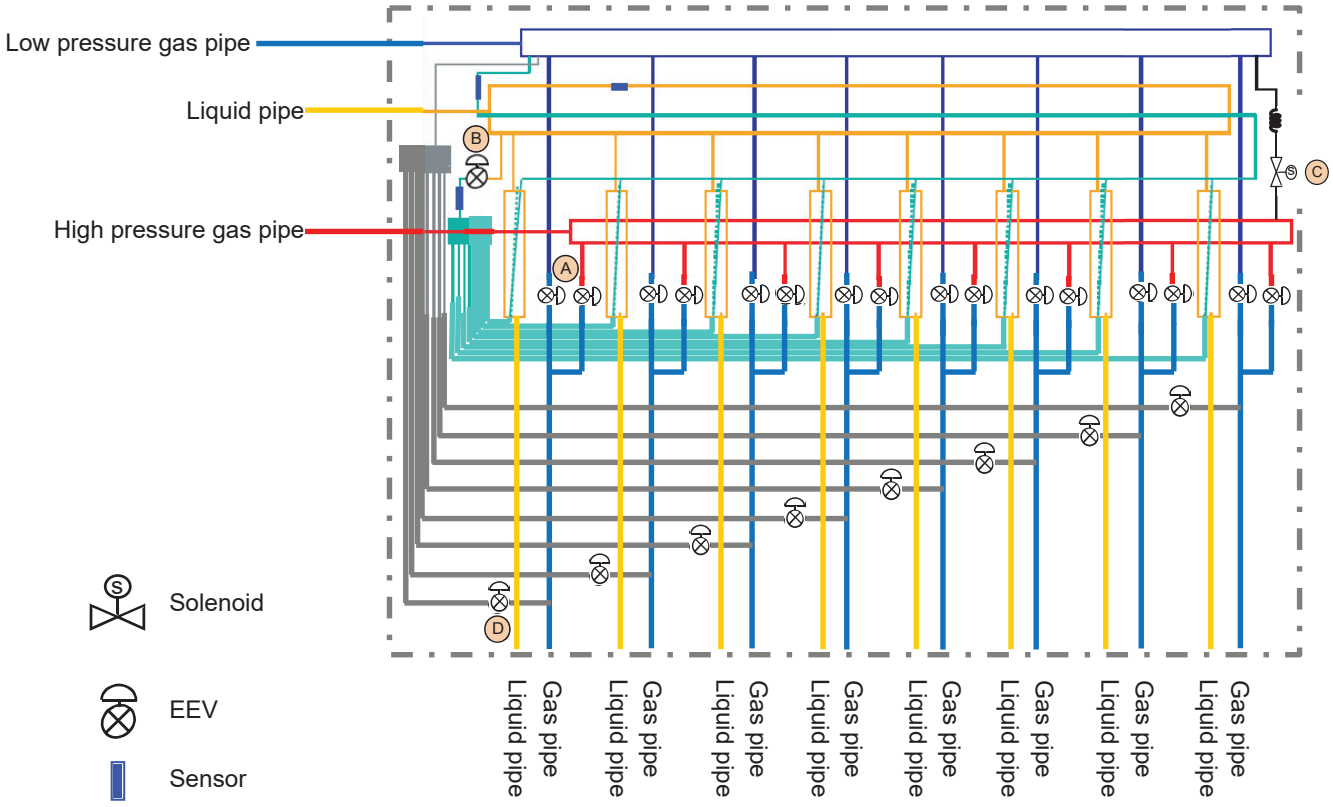


Note

■ It is a representative image that is commonly used and may be different for each model.

2. PRHR033

2.4 Piping Diagrams

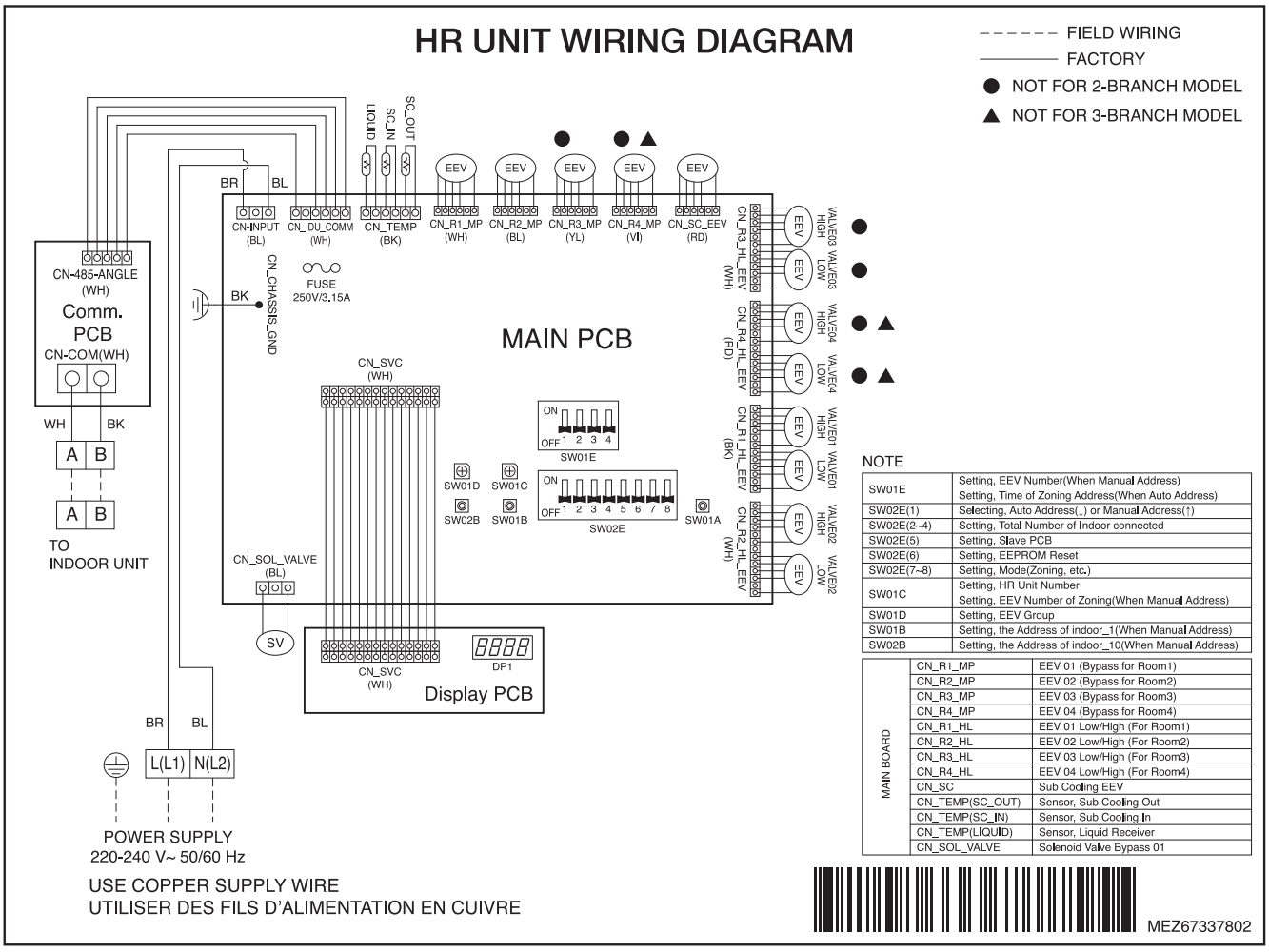


Note

- It is a representative image that is commonly used and may be different for each model.
- A : To be switched operation between cooling and heating by two valves.
- B : To be used decreasing noise according to sub-cooling of inlet of indoor unit and outlet of indoor unit (Simultaneous operation).
- C : To prevent liquid charging between H/P gas valve and HR unit at cooling mode.
- D : To be controlled the pressure between High and Low pressure pipe during operation switching.

2. PRHR033

2.5 Wiring Diagrams



NOTE

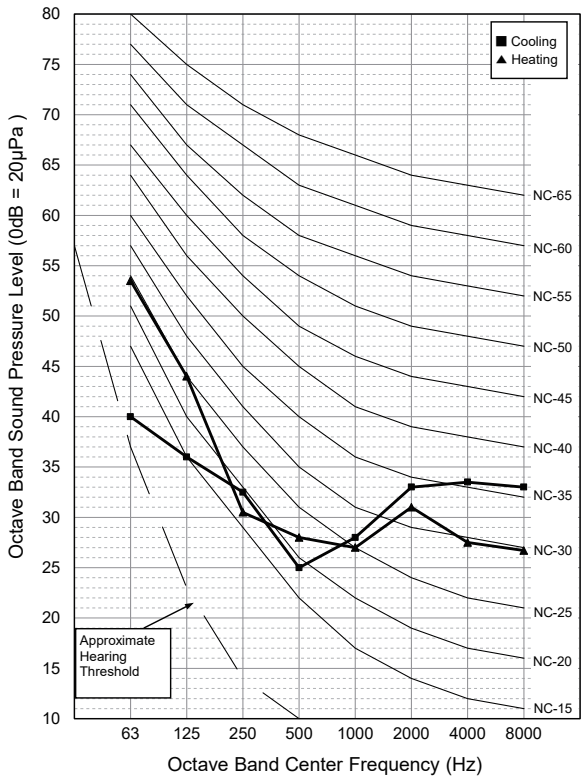
SW01E	Setting, EEV Number(When Manual Address) Setting, Time of Zoning Address(When Auto Address)
SW02E(1)	Selecting, Auto Address(↓) or Manual Address(↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode(Zoning, etc.)
SW01C	Setting, HR Unit Number Setting, EEV Number of Zoning(When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1(When Manual Address)
SW02B	Setting, the Address of indoor_10(When Manual Address)

MAIN BOARD	CN_R1_MP	EEV 01 (Bypass for Room1)
	CN_R2_MP	EEV 02 (Bypass for Room2)
	CN_R3_MP	EEV 03 (Bypass for Room3)
	CN_R4_MP	EEV 04 (Bypass for Room4)
	CN_R1_HL	EEV 01 Low/High (For Room1)
	CN_R2_HL	EEV 02 Low/High (For Room2)
	CN_R3_HL	EEV 03 Low/High (For Room3)
	CN_R4_HL	EEV 04 Low/High (For Room4)
	CN_SC	Sub Cooling EEV
	CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
	CN_TEMP(SC_IN)	Sensor, Sub Cooling In
	CN_TEMP(LIQUID)	Sensor, Liquid Receiver
	CN_SOL_VALVE	Solenoid Valve Bypass 01

MEZ67337802

2.6 Sound Levels

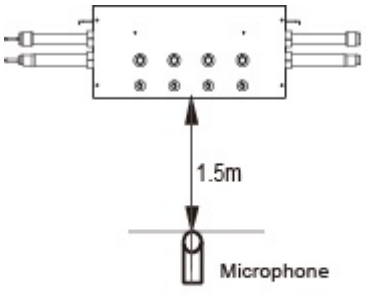
2.6.1 Pressure Levels



Sound Level [dB(A)]	
Cooling / Heating	30 / 30

Note

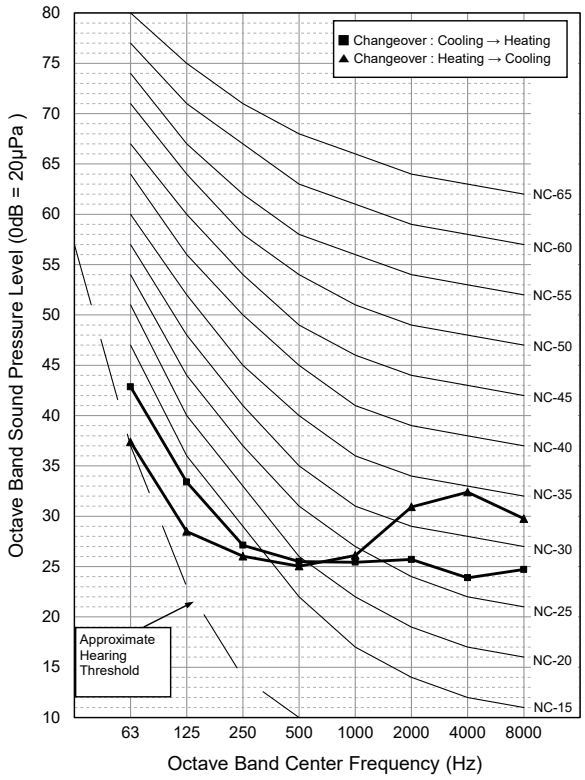
- ■ Sound measured at 1.5m away from the center of the unit.
- ■ Operating condition
  - Power source : 220-240V 50Hz / 220V 60Hz
  - Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
  - Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)
- ■ Reference accoustic pressure 0dB = 20μPa.
- ■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- ■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

2. PRHR033

2.6.2 Pressure Levels - Changeover

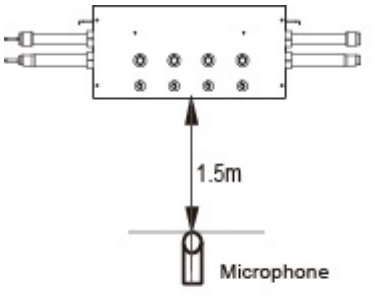


Sound Level [dB(A)]	
Changeover : Cooling → Heating / Heating → Cooling	33 / 38

Note

■ Sound measured at 1.5m away from the center of the unit.
■ Operating condition
- Power source : 220-240V 50Hz / 220V 60Hz
- Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
- Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)

■ Reference accoustic pressure 0dB = 20μPa.
■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

3. PRHR043

3.1 Specifications

Category		Unit	Specification
Major	Minor		
Max. Connectable No. of Indoor Units	-	EA	32
Max. Connectable No. of Indoor Units o f a branch	-	EA	8
Input(Nominal)	Cooling	W	39.8
	Heating	W	37.2
Weight	Net	kg	18.2
		lbs	40.1
Dimensions	Net(W x H x D)	mm	786 x 218 x 657
		Inch	30-15/16 x 8-19/32 x 25-7/8
Casing	-	-	Galvanized steel plate
Refrigenrant piping diameter (To indoor Unit)	Liquid Pipe(Ø)	mm(inch)	Ø9.52(3/8) ~ Ø6.35(1/4)
	Gas Pipe(Ø)	mm(inch)	Ø15.88(5/8) ~ Ø12.7(1/2)
Refrigerant piping diameter (To outdoor unit)	Liquid(Ø)	mm(inch)	Ø15.88(5/8)
	Low Pressure(Ø)	mm(inch)	Ø28.58(1-1/8)
	High Pressure(Ø)	mm(inch)	Ø22.2(7/8)
Sound Absorbing Insulation Material	-	-	Polyethylene Foam
Current	Minimum Circuit Amps(MCA)	-	0.17
Power Supply	Case 1	-	220-230-240, 1, 50
	Case 2	-	220, 1, 60

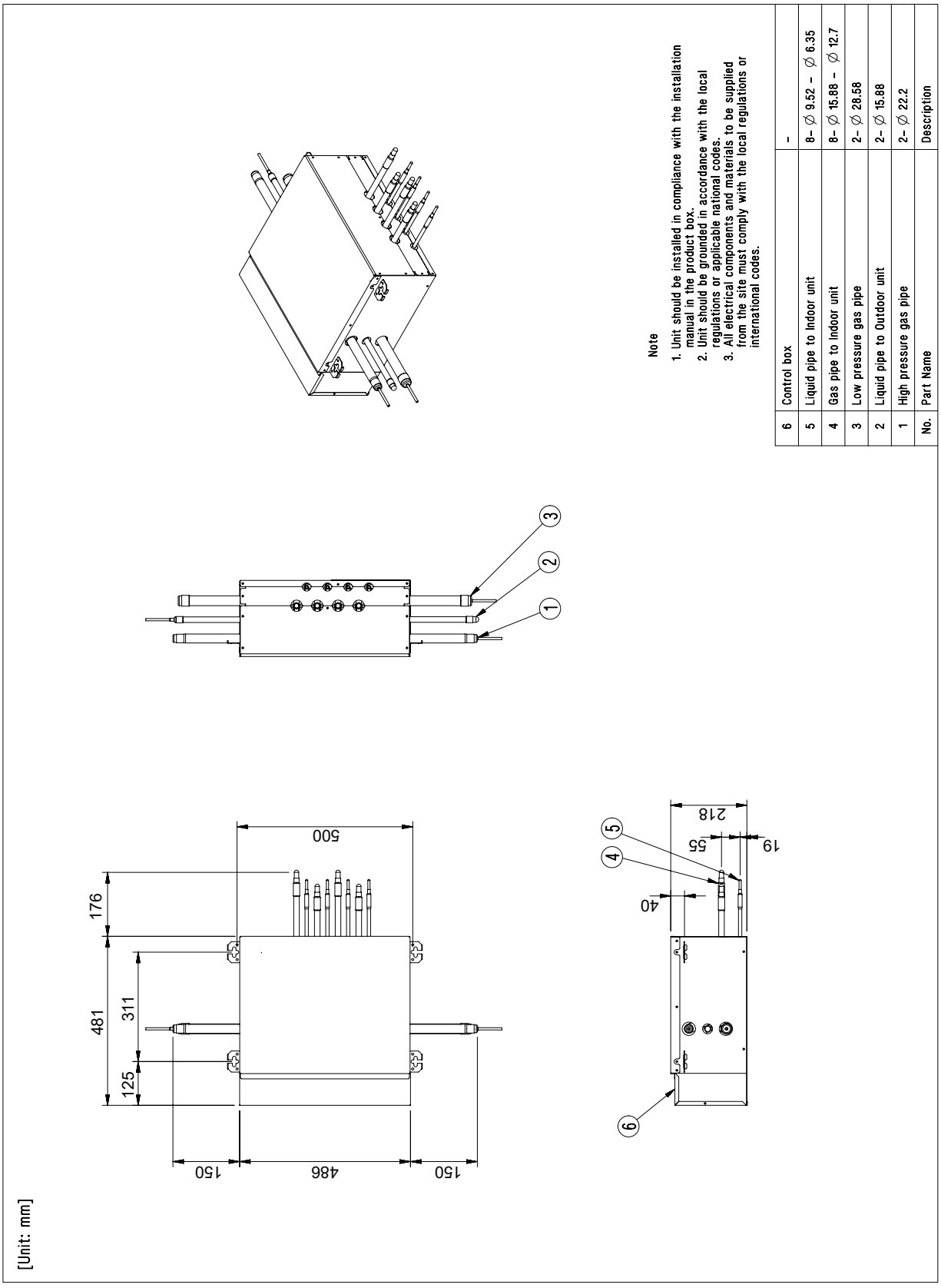
Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA = 1.25 x FLA, MFA = 1.1 x MCA
  If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
  Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

3. PRHR043

3.2 Dimensions

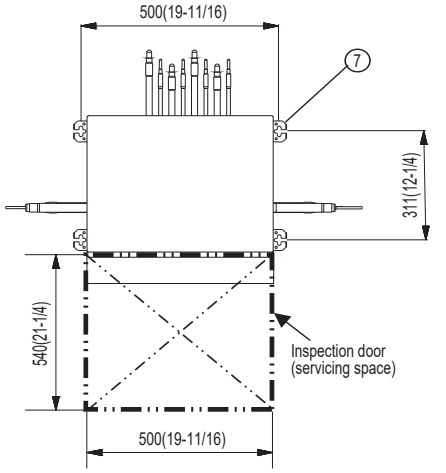
3.2.1 Product

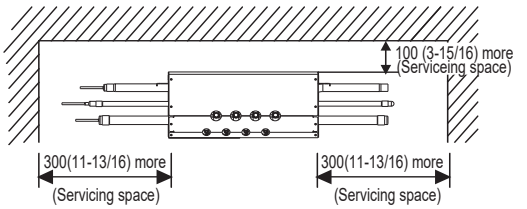


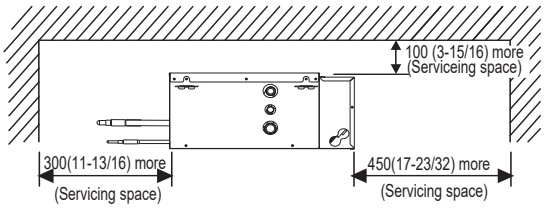
3. PRHR043

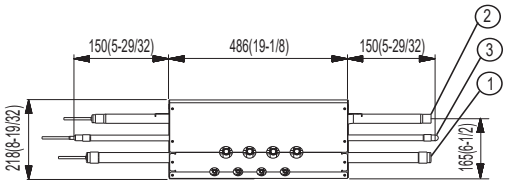
3.2.2 Installation Space

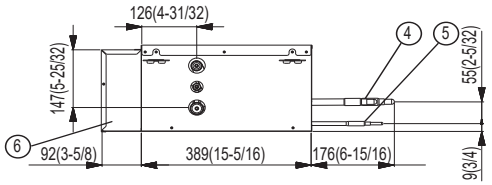
[Unit : mm(inch)]











No.	Part Name	Description	
		PRHR033 / PRHR043	PRHR023
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection	Ø22.2(7/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection	Ø19.05(3/4) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection(PRHR043) Ø12.7 Brazing connection(PRHR033)	Ø9.52(3/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-	-
7	Hanger metal	Suspension bolt M10 or M8	Suspension bolt M10 or M8

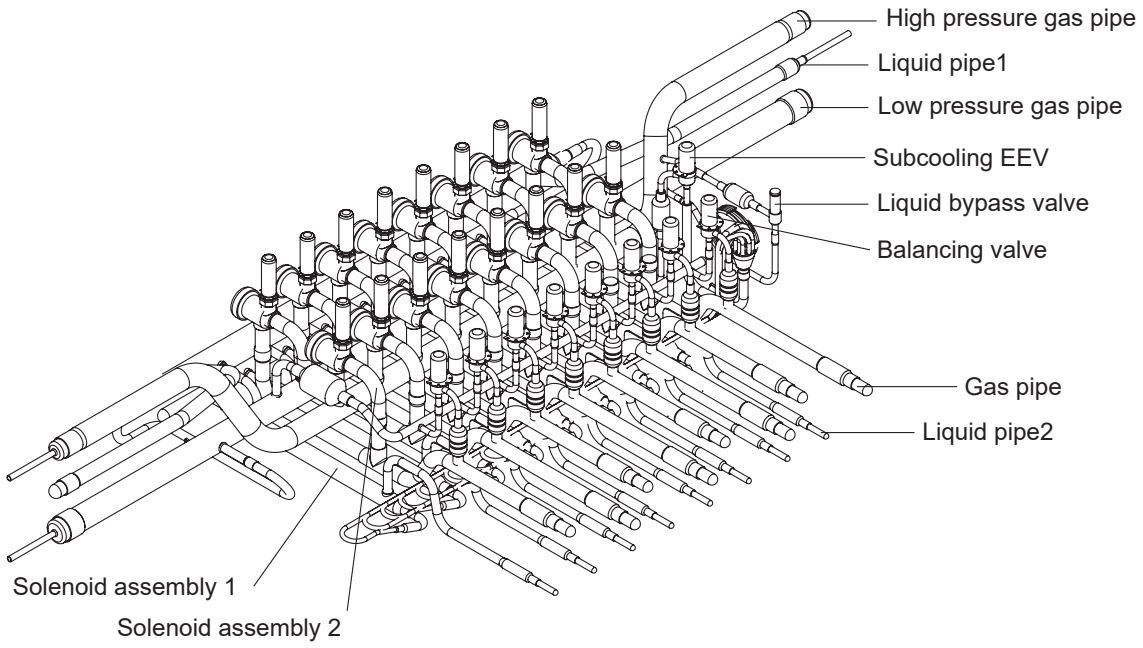
Note

■ Avoid a place where rain may enter since the HR unit is for indoor.
■ Sufficient service space must be obtained.
■ Refrigerant pipe must not exceed limited length.
■ Avoid a place subject to a strong radiation heat from other heat source.
■ Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
■ Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
■ Place where refrigerant piping, drain piping and electrical wiring works are easy.
■ Be sure to install the inspection door at the control box side.
■ If reducers are used, servicing space must be increased equal to reducer's dimension.

3. PRHR043

3.3 Parts Function

Parts Name	Symbol	Major Function
Low pressure gas pipe	LPGV	Pipe for Low pressure gas
High pressure gas pipe	HPGV	Pipe for High pressure gas
Liquid pipe 1	LP1	Liquid pipe connected with outdoor unit
Liquid bypass valve	LBV	Prevent Liquid charging
Solenoid Assembly 1, 2	SOL1, 2	Control the path for heating or cooling
Liquid pipe 2	LP2	Liquid pipe connected with indoor unit
Gas pipe	GSP	Gas pipe connected with indoor unit
Balancing valve	BLV	Control the pressure between High and Low pressure pipe during operation switching
Subcooling EEV	SCEEV	Control the subcooling

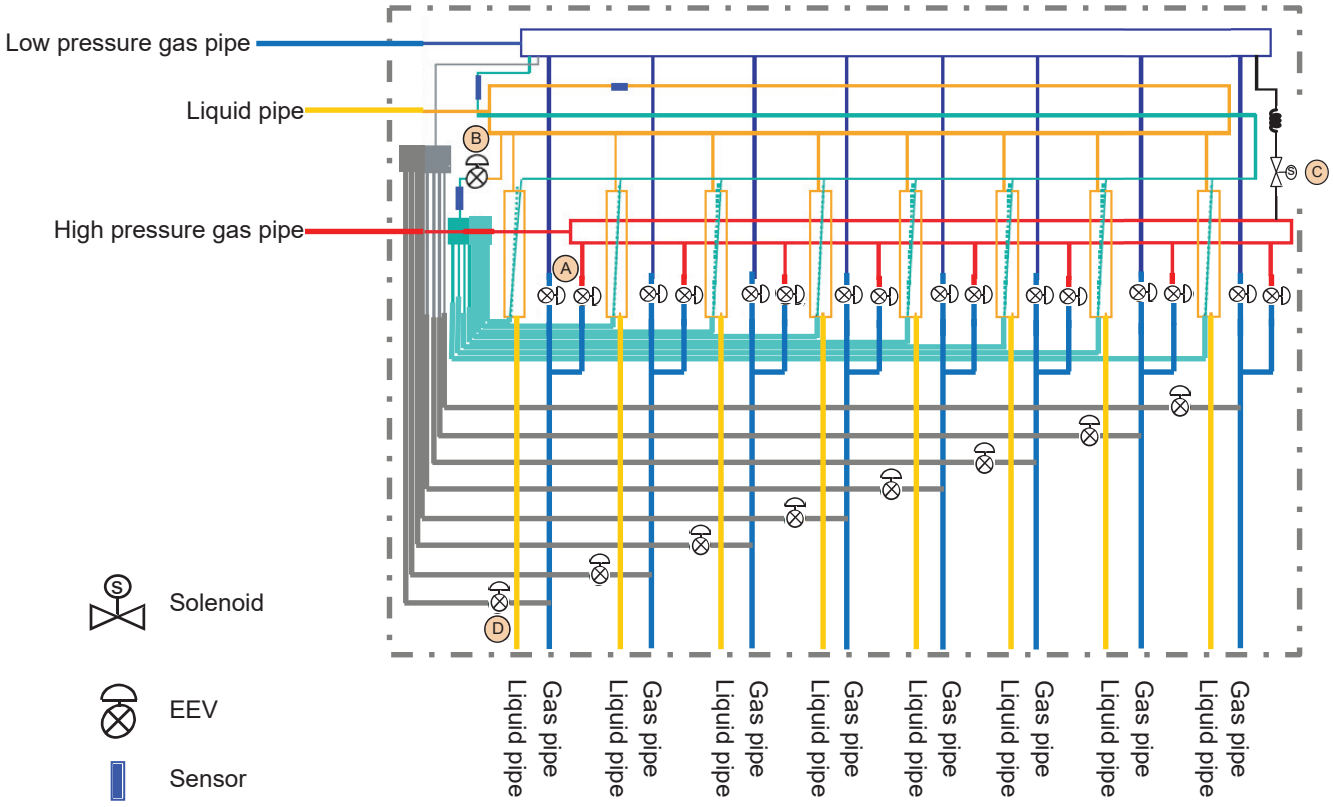


Note

■ It is a representative image that is commonly used and may be different for each model.

3. PRHR043

3.4 Piping Diagrams

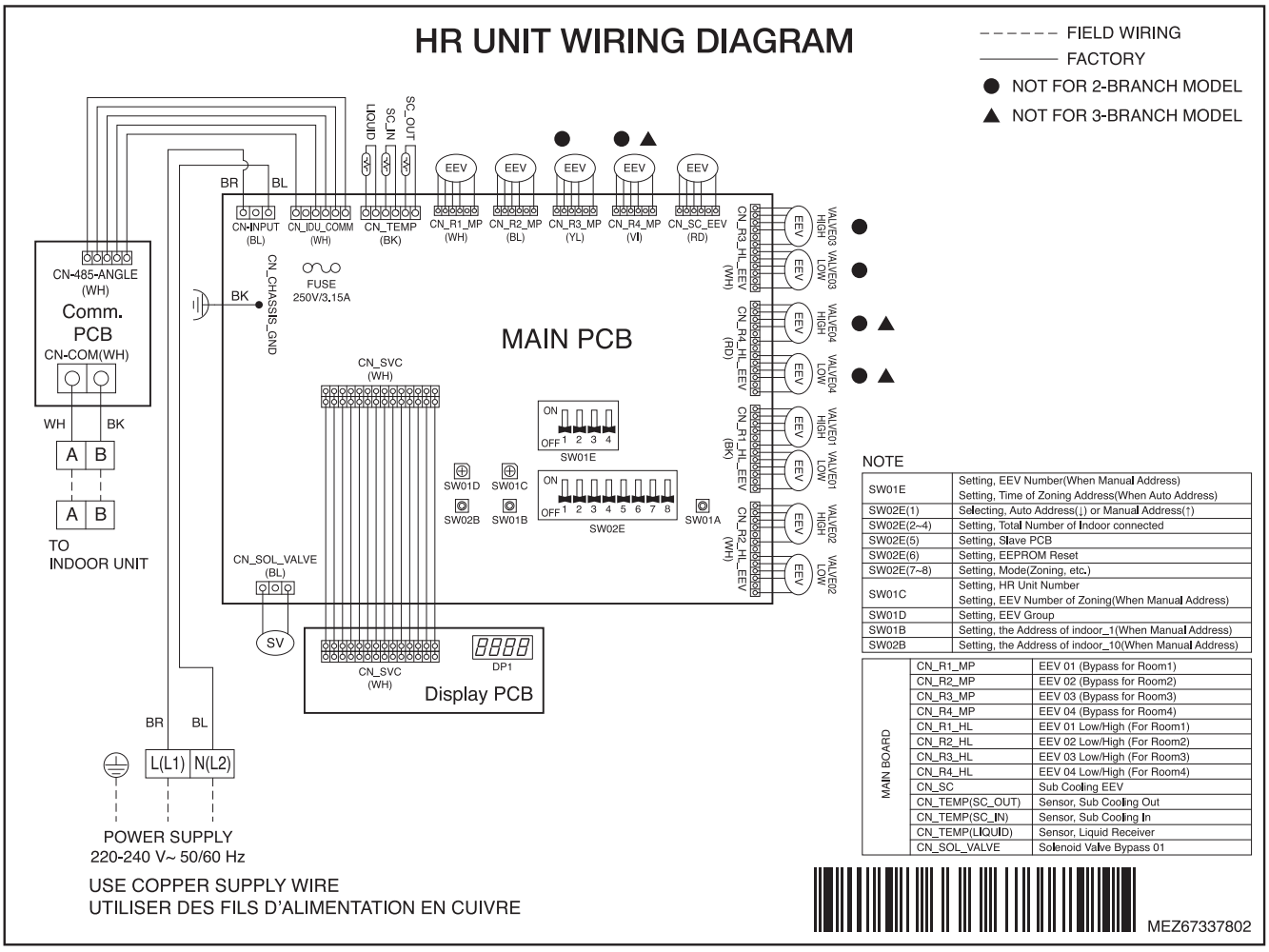


Note

- It is a representative image that is commonly used and may be different for each model.
- A : To be switched operation between cooling and heating by two valves.
- B : To be used decreasing noise according to sub-cooling of inlet of indoor unit and outlet of indoor unit (Simultaneous operation).
- C : To prevent liquid charging between H/P gas valve and HR unit at cooling mode.
- D : To be controlled the pressure between High and Low pressure pipe during operation switching.

3. PRHR043

3.5 Wiring Diagrams



NOTE

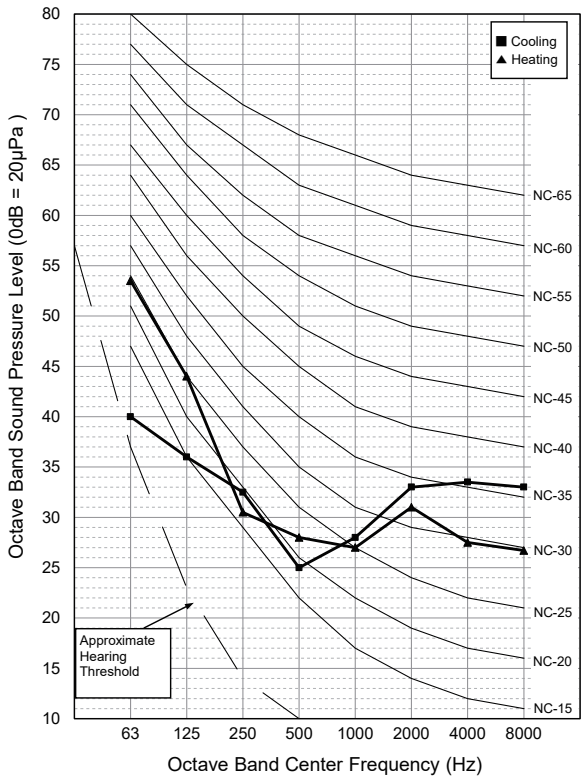
SW01E	Setting, EEV Number(When Manual Address) Setting, Time of Zoning Address(When Auto Address)
SW02E(1)	Selecting, Auto Address(↓) or Manual Address(↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode(Zoning, etc.)
SW01C	Setting, HR Unit Number Setting, EEV Number of Zoning(When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1(When Manual Address)
SW02B	Setting, the Address of indoor_10(When Manual Address)

MAIN BOARD	CN_R1_MP	EEV 01 (Bypass for Room1)
	CN_R2_MP	EEV 02 (Bypass for Room2)
	CN_R3_MP	EEV 03 (Bypass for Room3)
	CN_R4_MP	EEV 04 (Bypass for Room4)
	CN_R1_HL	EEV 01 Low/High (For Room1)
	CN_R2_HL	EEV 02 Low/High (For Room2)
	CN_R3_HL	EEV 03 Low/High (For Room3)
	CN_R4_HL	EEV 04 Low/High (For Room4)
	CN_SC	Sub Cooling EEV
	CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
	CN_TEMP(SC_IN)	Sensor, Sub Cooling In
	CN_TEMP(LIQUID)	Sensor, Liquid Receiver
	CN_SOL_VALVE	Solenoid Valve Bypass 01

3. PRHR043

3.6 Sound Levels

3.6.1 Pressure Levels

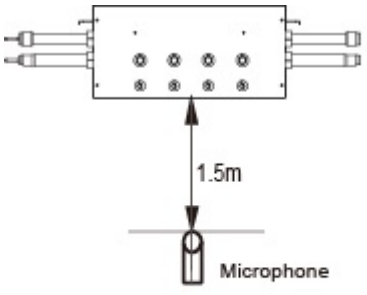


Sound Level [dB(A)]	
Cooling / Heating	30 / 30

Note

■ Sound measured at 1.5m away from the center of the unit.
■ Operating condition
- Power source : 220-240V 50Hz / 220V 60Hz
- Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
- Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)

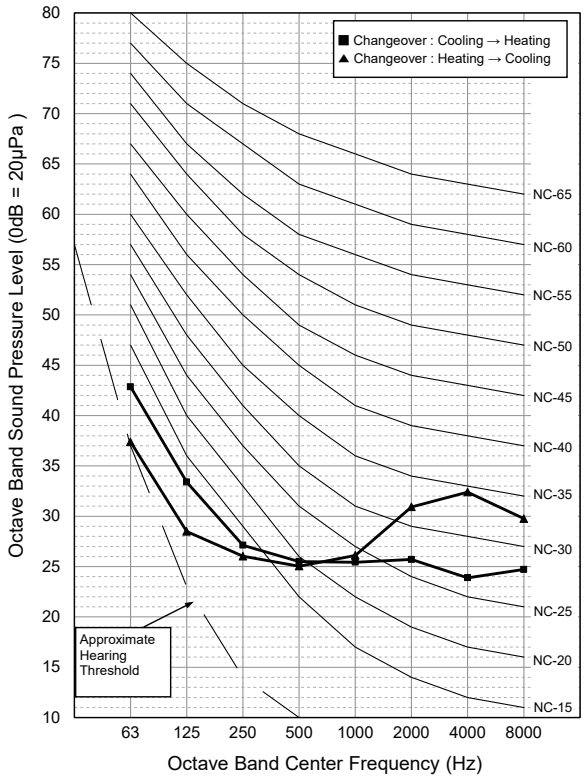
■ Reference accoustic pressure 0dB = 20μPa.
■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

3. PRHR043

3.6.2 Pressure Levels - Changeover

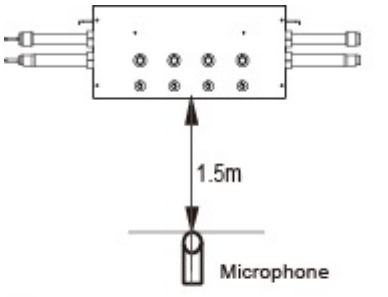


Sound Level [dB(A)]	
Changeover : Cooling → Heating / Heating → Cooling	33 / 38

Note

■ Sound measured at 1.5m away from the center of the unit.
■ Operating condition
- Power source : 220-240V 50Hz / 220V 60Hz
- Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
- Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)

■ Reference accoustic pressure 0dB = 20μPa.
■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

4. PRHR063

4.1 Specifications

Category		Unit	Specification
Major	Minor		
Max. Connectable No. of Indoor Units	-	EA	48
Max. Connectable No. of Indoor Units o f a branch	-	EA	8
Input(Nominal)	Cooling	W	75.9
	Heating	W	72.1
Weight	Net	kg	27.2
		lbs	60.0
Dimensions	Net(W x H x D)	mm	1,113 x 218 x 657
		Inch	43-13/16 x 8-19/32 x 25-7/8
Casing	-	-	Galvanized steel plate
Refrigenrant piping diameter (To indoor Unit)	Liquid Pipe(Ø)	mm(inch)	Ø9.52(3/8) ~ Ø6.35(1/4)
	Gas Pipe(Ø)	mm(inch)	Ø15.88(5/8) ~ Ø12.7(1/2)
Refrigerant piping diameter (To outdoor unit)	Liquid(Ø)	mm(inch)	Ø15.88(5/8)
	Low Pressure(Ø)	mm(inch)	Ø28.58(1-1/8)
	High Pressure(Ø)	mm(inch)	Ø22.2(7/8)
Sound Absorbing Insulation Material	-	-	Polyethylene Foam
Current	Minimum Circuit Amps(MCA)	-	0.27
Power Supply	Case 1	-	220-230-240, 1, 50
	Case 2	-	220, 1, 60

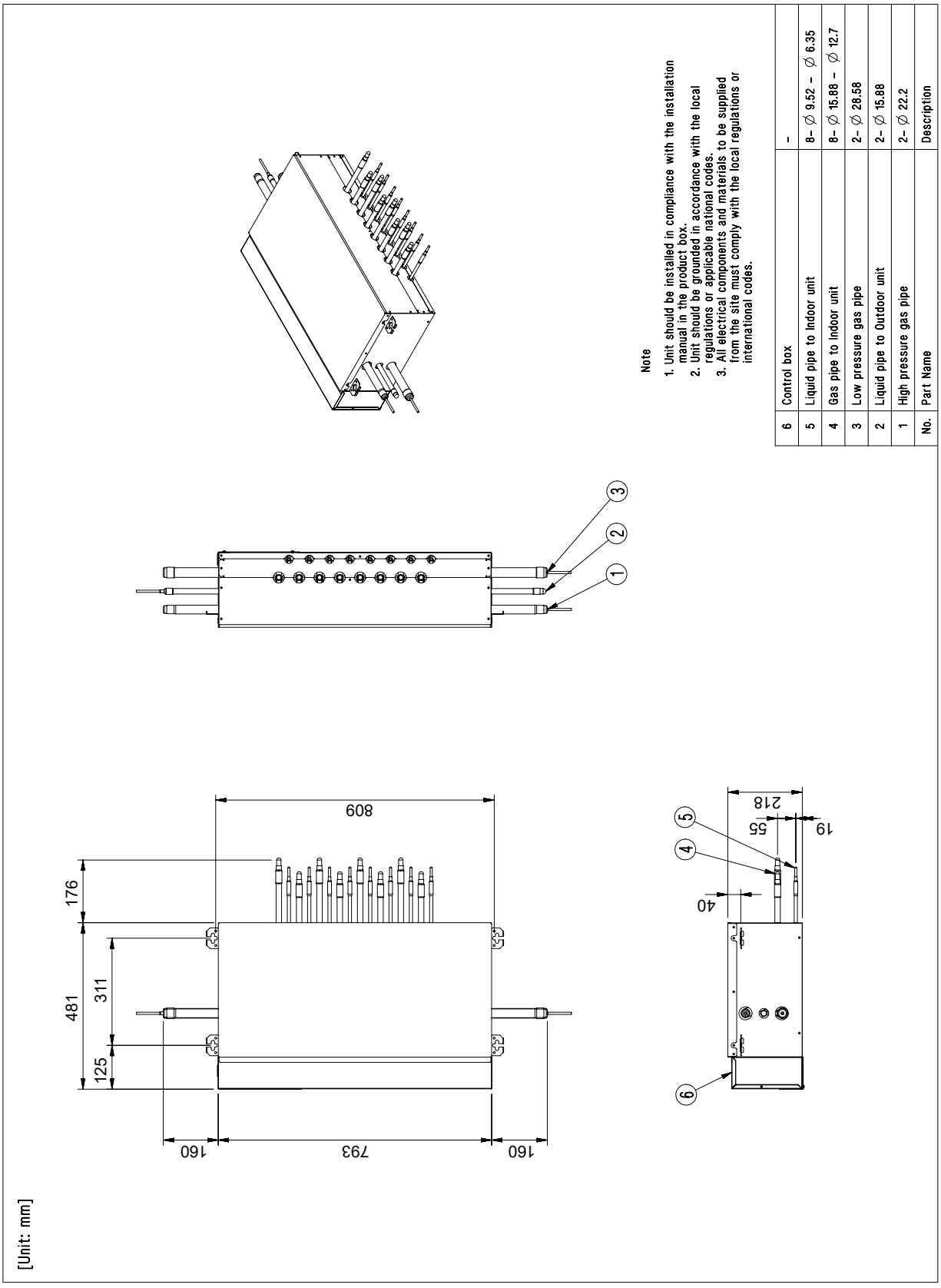
Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA = 1.25 x FLA, MFA = 1.1 x MCA
  If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
  Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

4. PRHR063

4.2 Dimensions

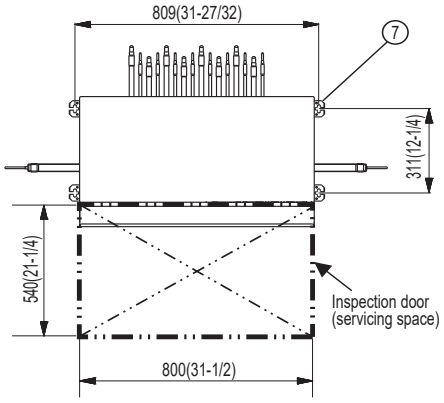
4.2.1 Product

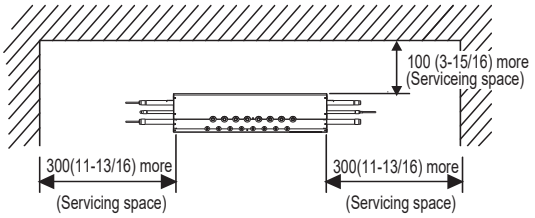


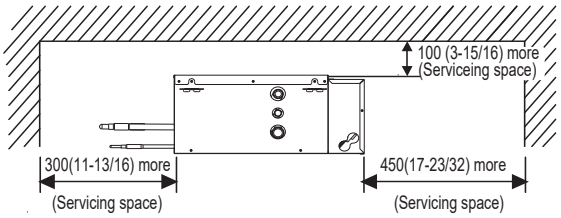
4. PRHR063

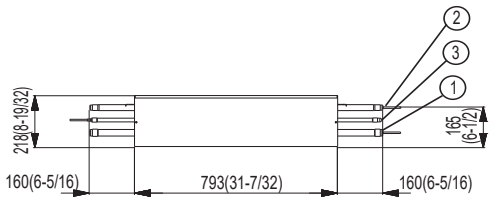
4.2.2 Installation Space

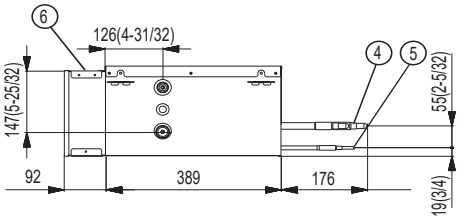
[Unit : mm(inch)]











No.	Part Name	Description
		PRHR063 / PRHR083
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-
7	Hanger metal	Suspension bolt M10 or M8

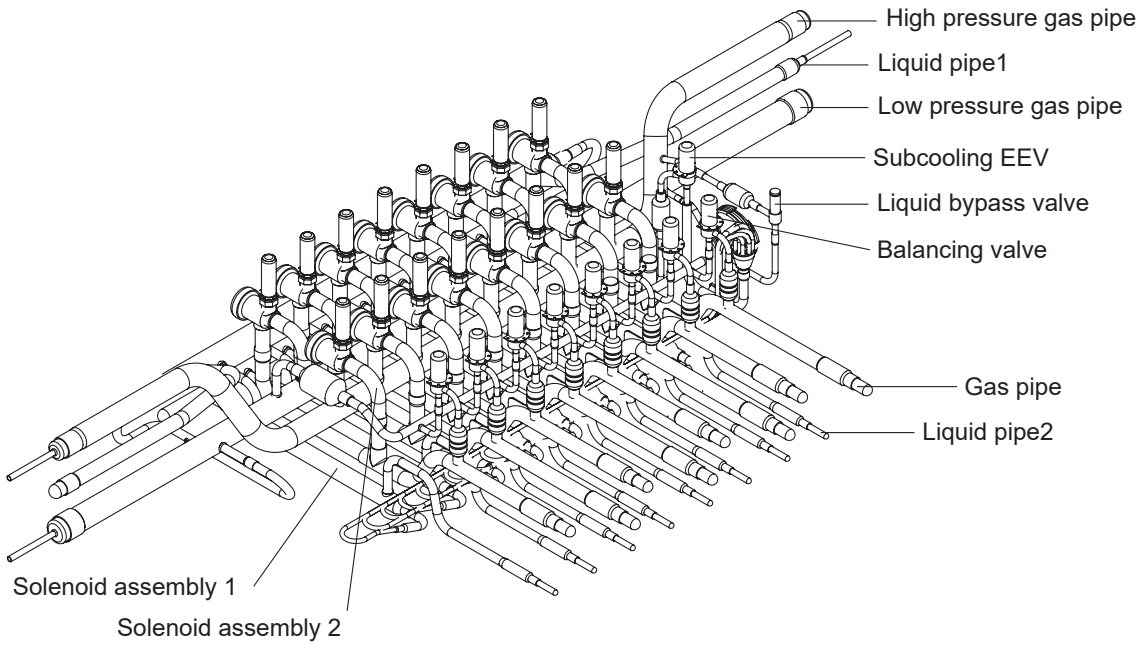
Note

- Avoid a place where rain may enter since the HR unit is for indoor.
- Sufficient service space must be obtained.
- Refrigerant pipe must not exceed limited length.
- Avoid a place subject to a strong radiation heat from other heat source.
- Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
- Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
- Place where refrigerant piping, drain piping and electrical wiring works are easy.
- Be sure to install the inspection door at the control box side.
- If reducers are used, servicing space must be increased equal to reducer's dimension.

4. PRHR063

4.3 Parts Function

Parts Name	Symbol	Major Function
Low pressure gas pipe	LPGV	Pipe for Low pressure gas
High pressure gas pipe	HPGV	Pipe for High pressure gas
Liquid pipe 1	LP1	Liquid pipe connected with outdoor unit
Liquid bypass valve	LBV	Prevent Liquid charging
Solenoid Assembly 1, 2	SOL1, 2	Control the path for heating or cooling
Liquid pipe 2	LP2	Liquid pipe connected with indoor unit
Gas pipe	GSP	Gas pipe connected with indoor unit
Balancing valve	BLV	Control the pressure between High and Low pressure pipe during operation switching
Subcooling EEV	SCEEV	Control the subcooling

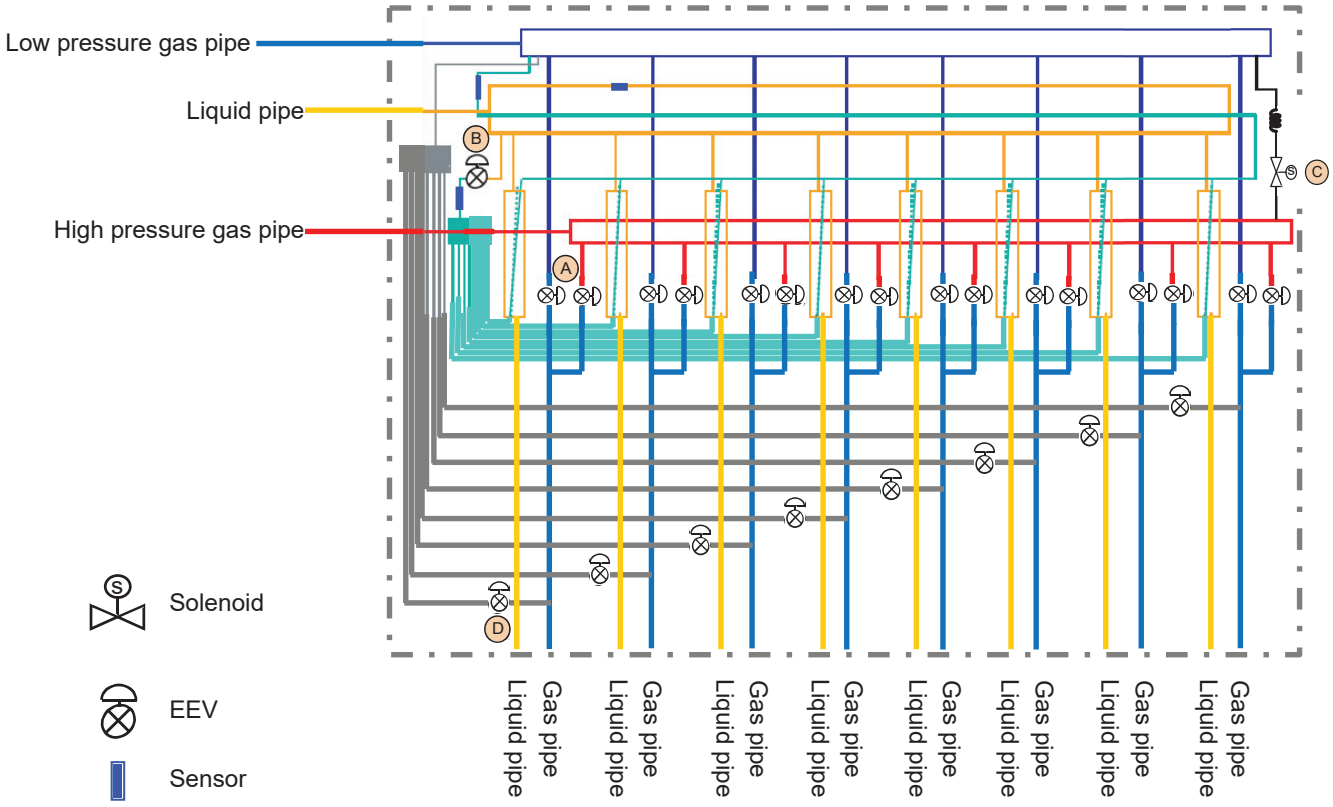


Note

■ It is a representative image that is commonly used and may be different for each model.

4. PRHR063

4.4 Piping Diagrams

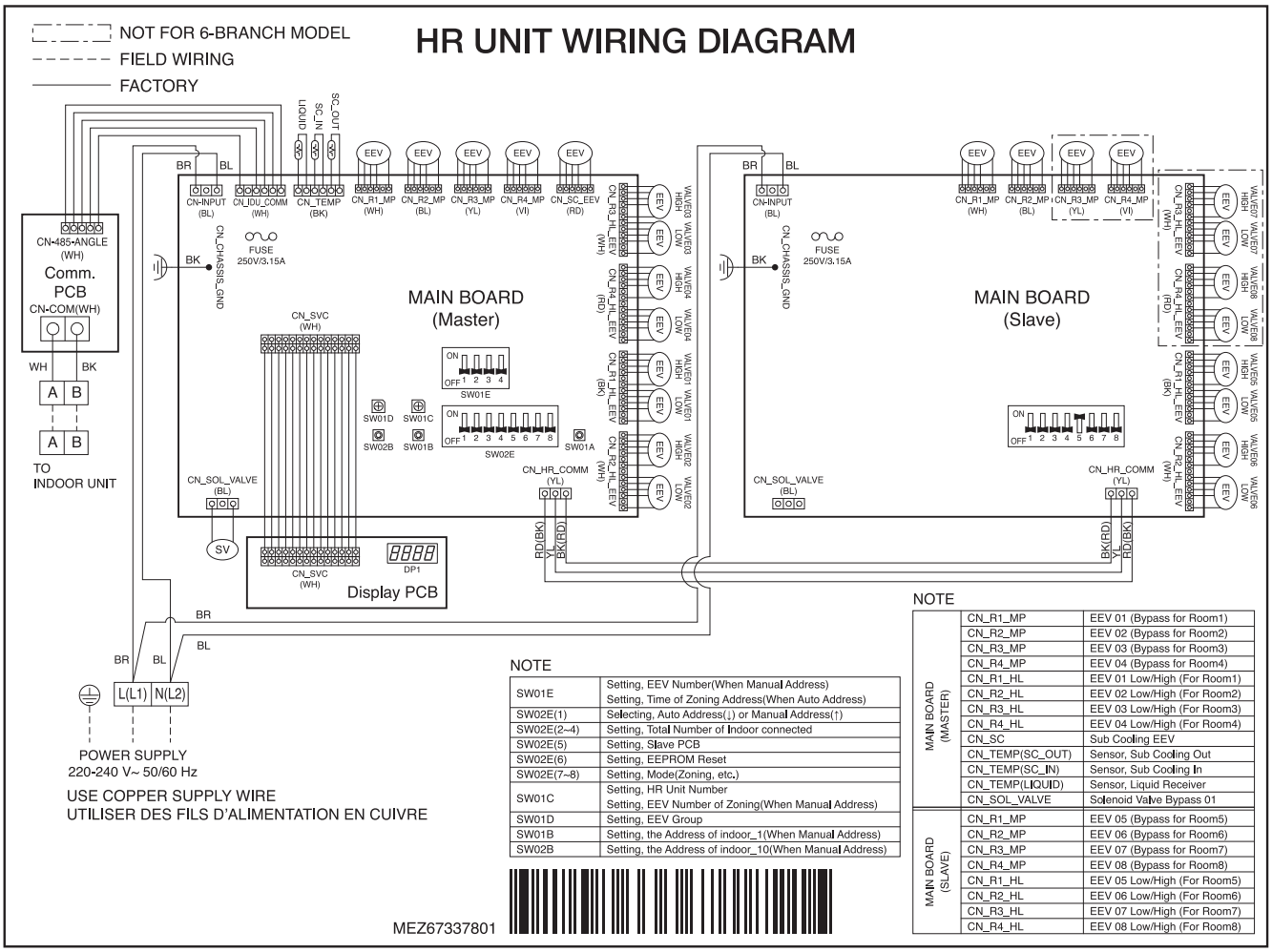


Note

- It is a representative image that is commonly used and may be different for each model.
- A : To be switched operation between cooling and heating by two valves.
- B : To be used decreasing noise according to sub-cooling of inlet of indoor unit and outlet of indoor unit (Simultaneous operation).
- C : To prevent liquid charging between H/P gas valve and HR unit at cooling mode.
- D : To be controlled the pressure between High and Low pressure pipe during operation switching.

4. PRHR063

4.5 Wiring Diagrams



NOTE

SW01E	Setting, EEV Number(When Manual Address) Setting, Time of Zoning Address(When Auto Address)
SW02E(1)	Selecting, Auto Address(↓) or Manual Address(↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode(Zoning, etc.)
SW01C	Setting, HR Unit Number Setting, EEV Number of Zoning(When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1(When Manual Address)
SW02B	Setting, the Address of indoor_10(When Manual Address)

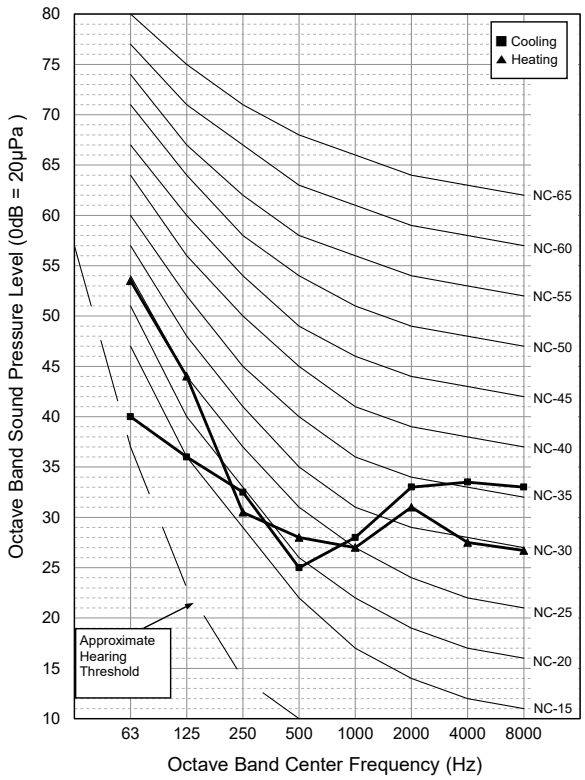
NOTE

MAIN BOARD (MASTER)	CN_R1_MP	EEV 01 (Bypass for Room1)
	CN_R2_MP	EEV 02 (Bypass for Room2)
	CN_R3_MP	EEV 03 (Bypass for Room3)
	CN_R4_MP	EEV 04 (Bypass for Room4)
	CN_R1_HL	EEV 01 Low/High (For Room1)
	CN_R2_HL	EEV 02 Low/High (For Room2)
	CN_R3_HL	EEV 03 Low/High (For Room3)
	CN_R4_HL	EEV 04 Low/High (For Room4)
	CN_SC	Sub Cooling EEV
	CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
	CN_TEMP(SC_IN)	Sensor, Sub Cooling In
	CN_TEMP(LIQUID)	Sensor, Liquid Receiver
	CN_SOL_VALVE	Solenoid Valve Bypass 01
MAIN BOARD (SLAVE)	CN_R1_MP	EEV 05 (Bypass for Room5)
	CN_R2_MP	EEV 06 (Bypass for Room6)
	CN_R3_MP	EEV 07 (Bypass for Room7)
	CN_R4_MP	EEV 08 (Bypass for Room8)
	CN_R1_HL	EEV 05 Low/High (For Room5)
	CN_R2_HL	EEV 06 Low/High (For Room6)
	CN_R3_HL	EEV 07 Low/High (For Room7)
	CN_R4_HL	EEV 08 Low/High (For Room8)

4. PRHR063

4.6 Sound Levels

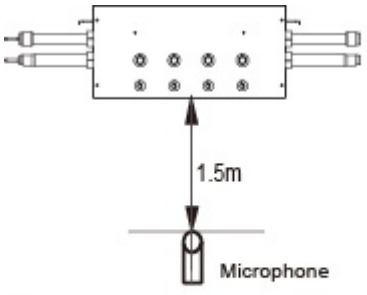
4.6.1 Pressure Levels



Sound Level [dB(A)]	
Cooling / Heating	30 / 30

Note

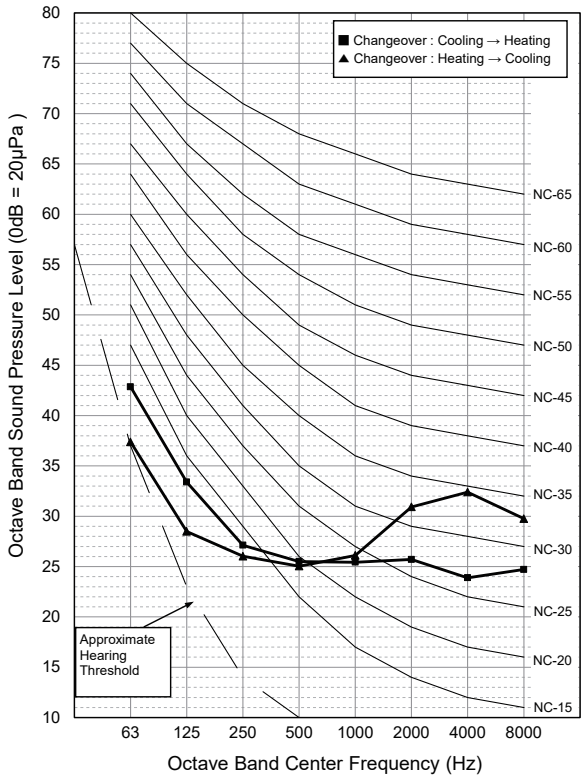
- ■ Sound measured at 1.5m away from the center of the unit.
- ■ Operating condition
  - Power source : 220-240V 50Hz / 220V 60Hz
  - Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
  - Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)
- ■ Reference accoustic pressure 0dB = 20μPa.
- ■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- ■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

4. PRHR063

4.6.2 Pressure Levels - Changeover

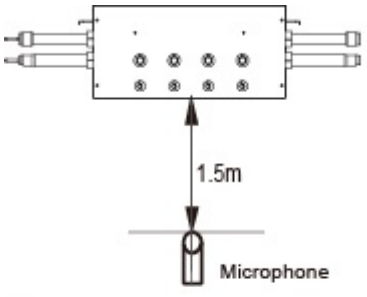


Sound Level [dB(A)]	
Changeover : Cooling → Heating / Heating → Cooling	33 / 38

Note

■ Sound measured at 1.5m away from the center of the unit.
■ Operating condition
- Power source : 220-240V 50Hz / 220V 60Hz
- Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
- Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)

■ Reference accoustic pressure 0dB = 20μPa.
■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

5. PRHR083

5.1 Specifications

Category		Unit	Specification
Major	Minor		
Max. Connectable No. of Indoor Units	-	EA	64
Max. Connectable No. of Indoor Units o f a branch	-	EA	8
Input(Nominal)	Cooling	W	75.9
	Heating	W	72.1
Weight	Net	kg	30.7
		lbs	67.7
Dimensions	Net(W x H x D)	mm	1,113 x 218 x 657
		Inch	43-13/16 x 8-19/32 x 25-7/8
Casing	-	-	Galvanized steel plate
Refrigenrant piping diameter (To indoor Unit)	Liquid Pipe(Ø)	mm(inch)	Ø9.52(3/8) ~ Ø6.35(1/4)
	Gas Pipe(Ø)	mm(inch)	Ø15.88(5/8) ~ Ø12.7(1/2)
Refrigerant piping diameter (To outdoor unit)	Liquid(Ø)	mm(inch)	Ø15.88(5/8)
	Low Pressure(Ø)	mm(inch)	Ø28.58(1-1/8)
	High Pressure(Ø)	mm(inch)	Ø22.2(7/8)
Sound Absorbing Insulation Material	-	-	Polyethylene Foam
Current	Minimum Circuit Amps(MCA)	-	0.27
Power Supply	Case 1	-	220-230-240, 1, 50
	Case 2	-	220, 1, 60

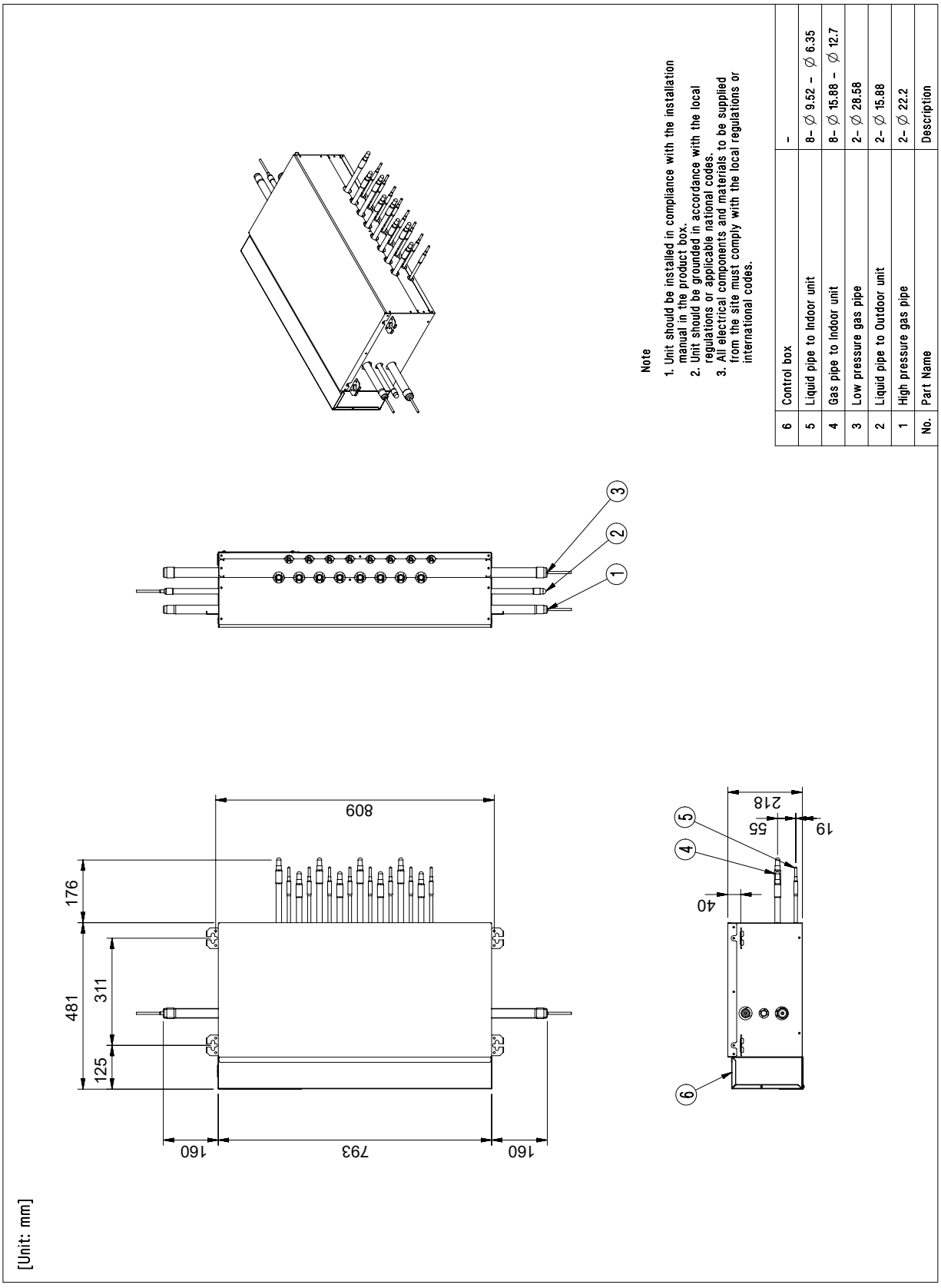
Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA = 1.25 x FLA, MFA = 1.1 x MCA
  If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.
  Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

5. PRHR083

5.2 Dimensions

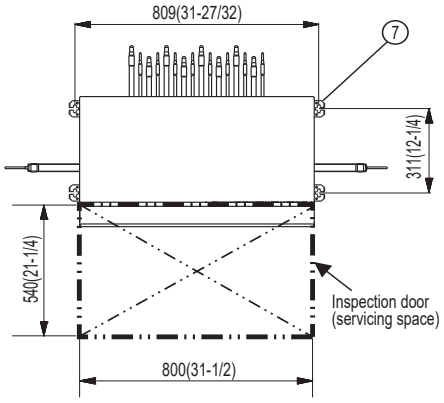
5.2.1 Product

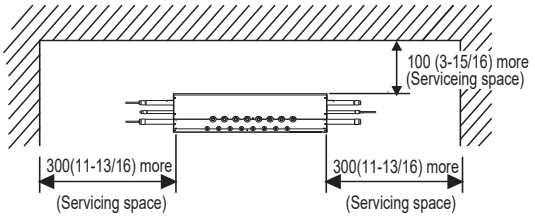


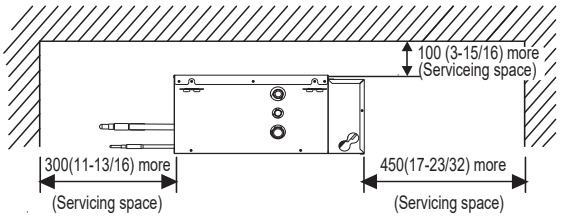
5. PRHR083

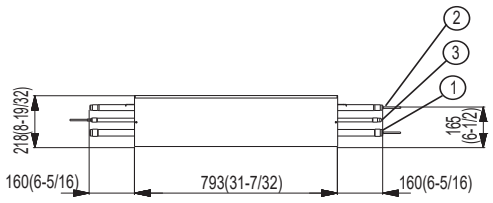
5.2.2 Installation Space

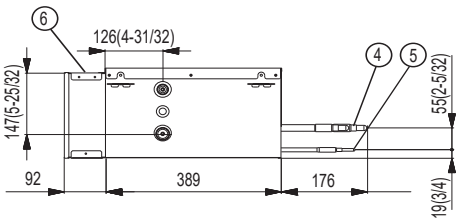
[Unit : mm(inch)]











No.	Part Name	Description
		PRHR063 / PRHR083
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-
7	Hanger metal	Suspension bolt M10 or M8

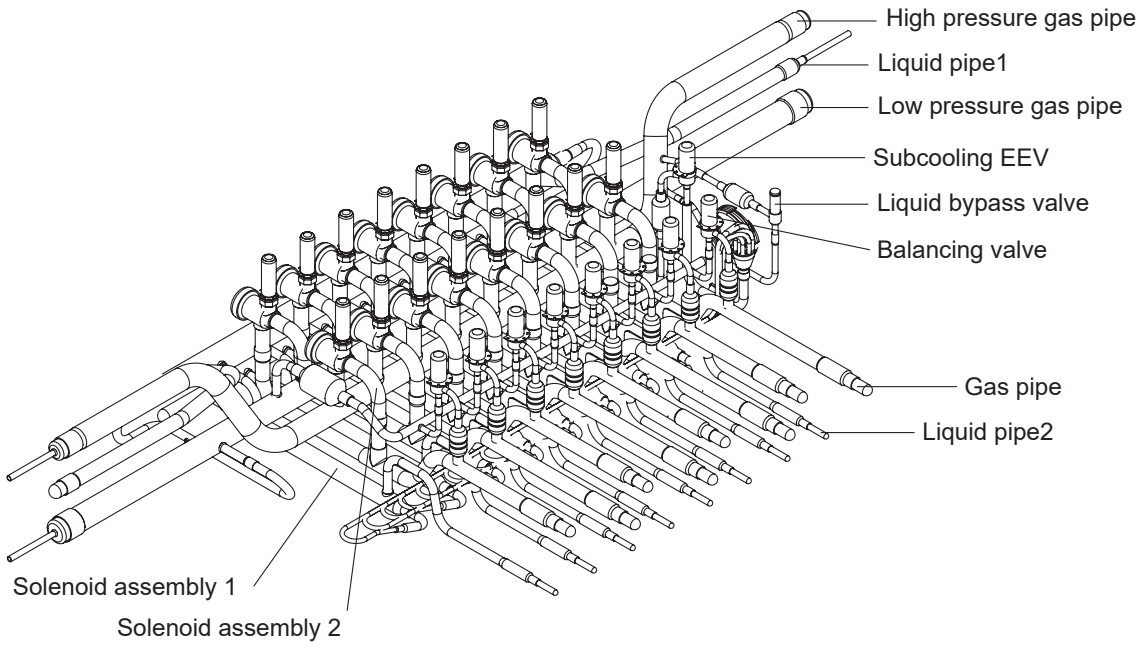
Note

- Avoid a place where rain may enter since the HR unit is for indoor.
- Sufficient service space must be obtained.
- Refrigerant pipe must not exceed limited length.
- Avoid a place subject to a strong radiation heat from other heat source.
- Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
- Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
- Place where refrigerant piping, drain piping and electrical wiring works are easy.
- Be sure to install the inspection door at the control box side.
- If reducers are used, servicing space must be increased equal to reducer's dimension.

5. PRHR083

5.3 Parts Function

Parts Name	Symbol	Major Function
Low pressure gas pipe	LPGV	Pipe for Low pressure gas
High pressure gas pipe	HPGV	Pipe for High pressure gas
Liquid pipe 1	LP1	Liquid pipe connected with outdoor unit
Liquid bypass valve	LBV	Prevent Liquid charging
Solenoid Assembly 1, 2	SOL1, 2	Control the path for heating or cooling
Liquid pipe 2	LP2	Liquid pipe connected with indoor unit
Gas pipe	GSP	Gas pipe connected with indoor unit
Balancing valve	BLV	Control the pressure between High and Low pressure pipe during operation switching
Subcooling EEV	SCEEV	Control the subcooling

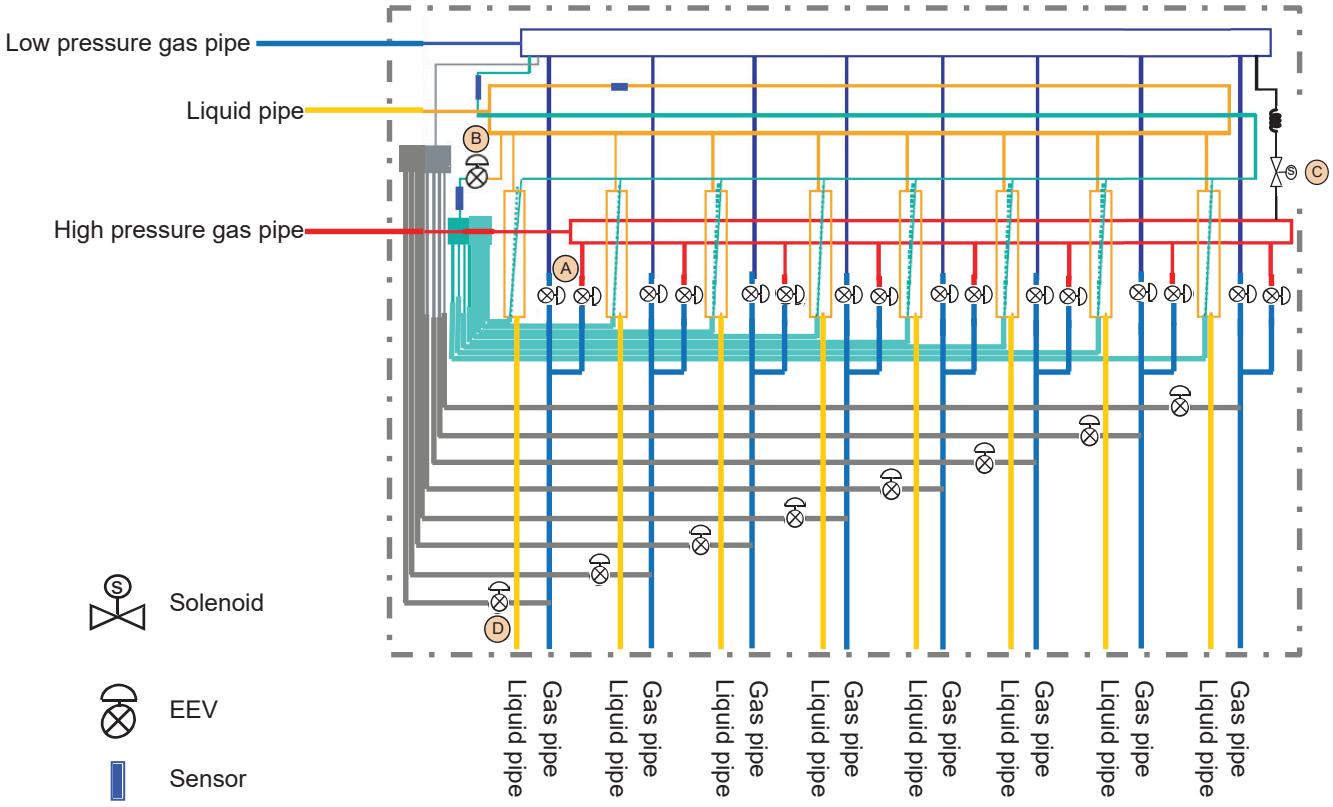


Note

■ It is a representative image that is commonly used and may be different for each model.

5. PRHR083

5.4 Piping Diagrams

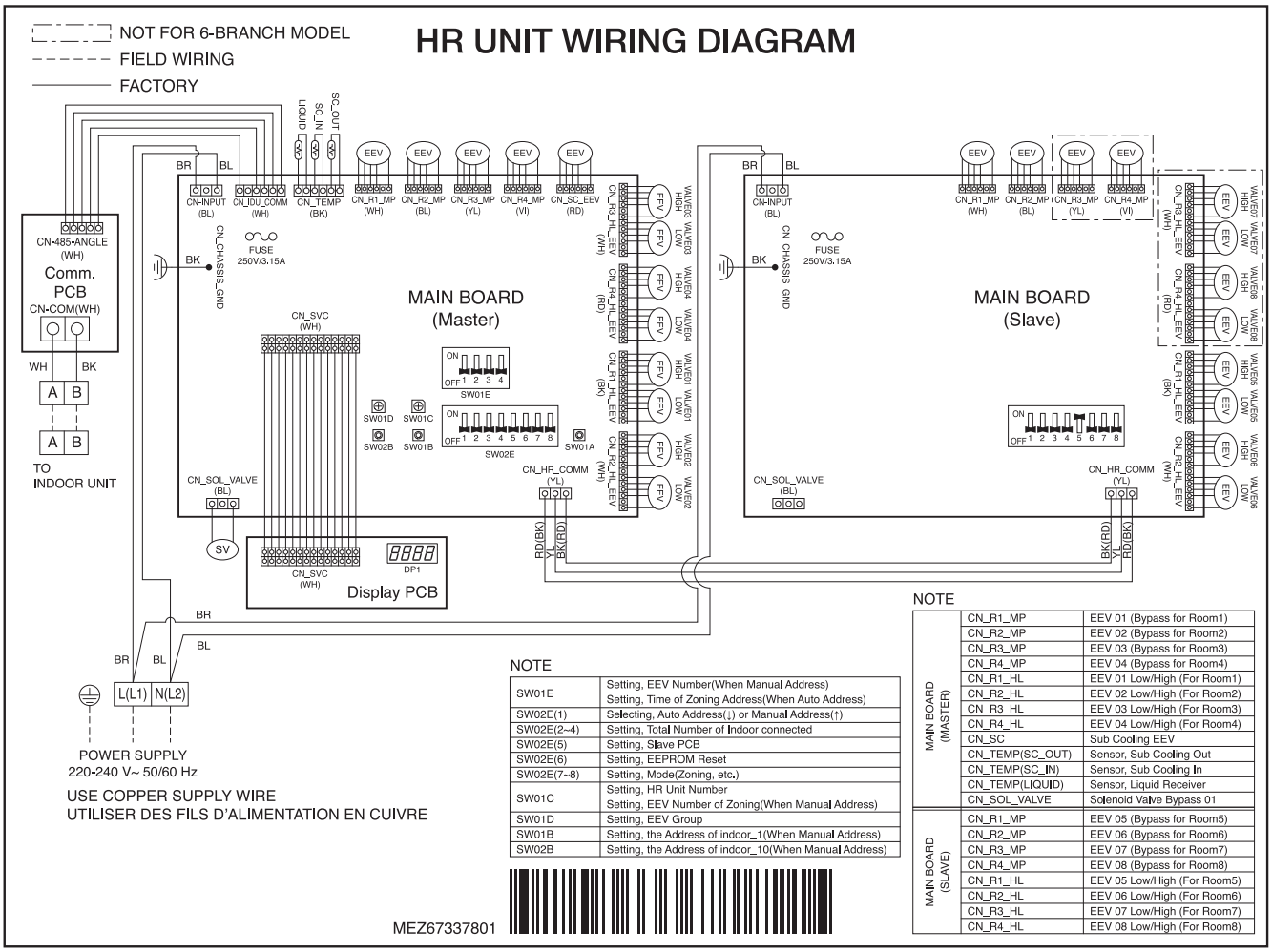


Note

- It is a representative image that is commonly used and may be different for each model.
- A : To be switched operation between cooling and heating by two valves.
- B : To be used decreasing noise according to sub-cooling of inlet of indoor unit and outlet of indoor unit (Simultaneous operation).
- C : To prevent liquid charging between H/P gas valve and HR unit at cooling mode.
- D : To be controlled the pressure between High and Low pressure pipe during operation switching.

5. PRHR083

5.5 Wiring Diagrams



NOTE

SW01E	Setting, EEV Number(When Manual Address) Setting, Time of Zoning Address(When Auto Address)
SW02E(1)	Selecting, Auto Address(↓) or Manual Address(↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode(Zoning, etc.)
SW01C	Setting, HR Unit Number Setting, EEV Number of Zoning(When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1(When Manual Address)
SW02B	Setting, the Address of indoor_10(When Manual Address)

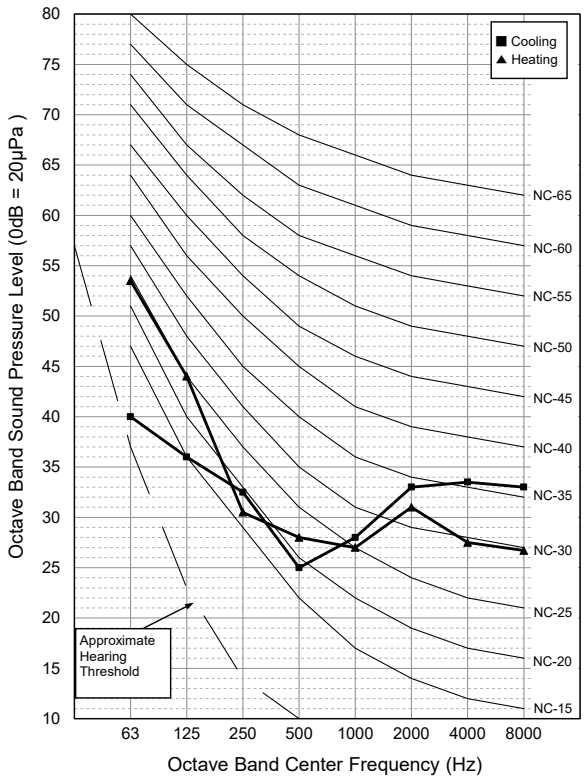
NOTE

MAIN BOARD (MASTER)	CN_R1_MP	EEV 01 (Bypass for Room1)
	CN_R2_MP	EEV 02 (Bypass for Room2)
	CN_R3_MP	EEV 03 (Bypass for Room3)
	CN_R4_MP	EEV 04 (Bypass for Room4)
	CN_R1_HL	EEV 01 Low/High (For Room1)
	CN_R2_HL	EEV 02 Low/High (For Room2)
	CN_R3_HL	EEV 03 Low/High (For Room3)
	CN_R4_HL	EEV 04 Low/High (For Room4)
	CN_SC	Sub Cooling EEV
	CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
	CN_TEMP(SC_IN)	Sensor, Sub Cooling In
	CN_TEMP(LIQUID)	Sensor, Liquid Receiver
	CN_SOL_VALVE	Solenoid Valve Bypass 01
MAIN BOARD (SLAVE)	CN_R1_MP	EEV 05 (Bypass for Room5)
	CN_R2_MP	EEV 06 (Bypass for Room6)
	CN_R3_MP	EEV 07 (Bypass for Room7)
	CN_R4_MP	EEV 08 (Bypass for Room8)
	CN_R1_HL	EEV 05 Low/High (For Room5)
	CN_R2_HL	EEV 06 Low/High (For Room6)
	CN_R3_HL	EEV 07 Low/High (For Room7)
	CN_R4_HL	EEV 08 Low/High (For Room8)

5. PRHR083

5.6 Sound Levels

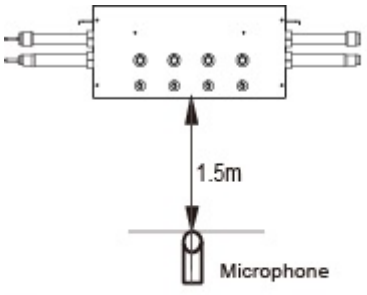
5.6.1 Pressure Levels



Sound Level [dB(A)]	
Cooling / Heating	30 / 30

Note

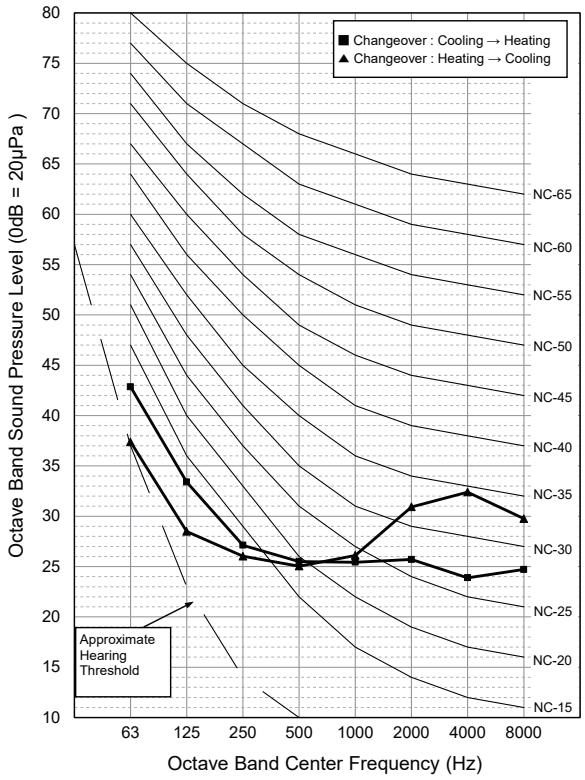
- Sound measured at 1.5m away from the center of the unit.
- Operating condition
  - Power source : 220-240V 50Hz / 220V 60Hz
  - Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
  - Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)
- Reference accoustic pressure 0dB = 20μPa.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

5. PRHR083

5.6.2 Pressure Levels - Changeover

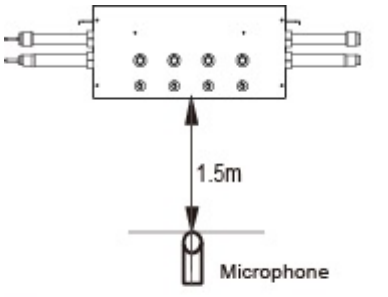


Sound Level [dB(A)]	
Changeover : Cooling → Heating / Heating → Cooling	33 / 38

Note

■ Sound measured at 1.5m away from the center of the unit.
■ Operating condition
- Power source : 220-240V 50Hz / 220V 60Hz
- Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
- Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)

■ Reference accoustic pressure 0dB = 20μPa.
■ Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
■ The changeover sound was measured by switching the mode of one indoor unit. It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

Installation of Outdoor Unit

1. Information for Refrigerant

1.1 Alternative Refrigerant

The type of refrigerant applied depends on the outdoor unit cycle configuration. Ensure the refrigerant type in the specification of the indoor unit and outdoor unit to be installed.

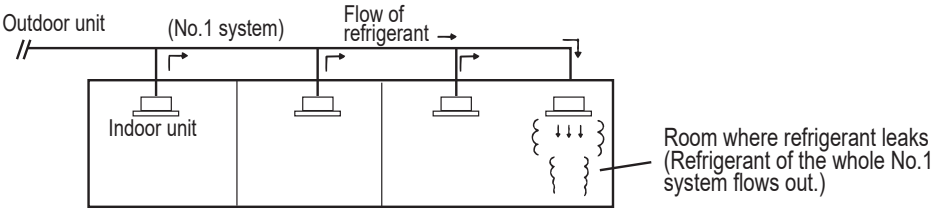
■ Alternative Refrigerant _ R410A

- The refrigerant R410A has the property of higher operating pressure in comparison with R22. Therefore, all materials have the characteristics of higher resisting pressure than ones of R22 and this characteristic should also be considered during the installation.
- The wall thickness of the piping should comply with the relevant local and national regulations for the designed pressure. (R410A 3.8MPa)
- For high-pressure refrigerant, any unapproved pipe must not be used.
- Do not heat pipes more than necessary to prevent them from softening.
- Do not place the refrigerant container under the direct rays of the sun to prevent it from exploding.
- R410A is an azeotrope of R32 and R125 mixed at 50:50, so the ozone depletion potential(ODP) of R410A is 0.
- Since R410A is a mixed refrigerant, the required additional refrigerant must be charged in its liquid state. If the refrigerant is charged in its gaseous state, its composition changes and the system will not work properly.
- Be careful not to install wrongly to minimize economic loss because it is expensive in comparison with R22.

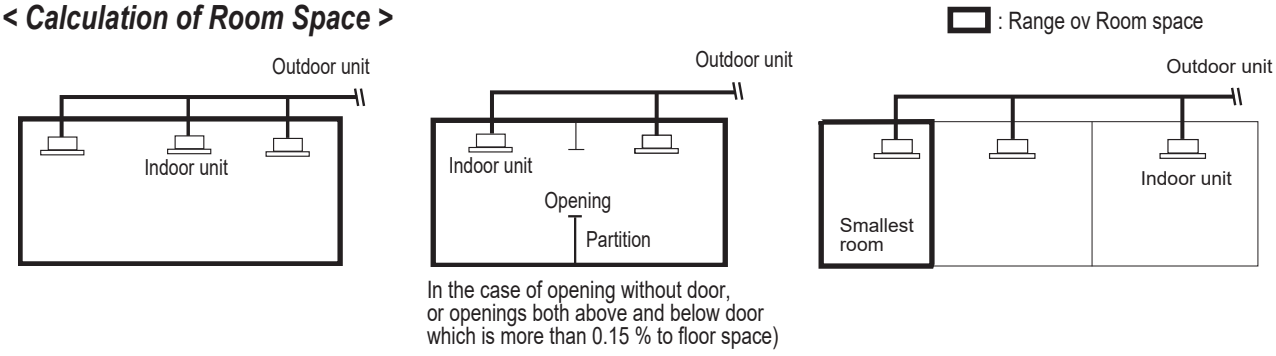
1. Information for Refrigerant

1.2 Caution For Refrigerant Leaks

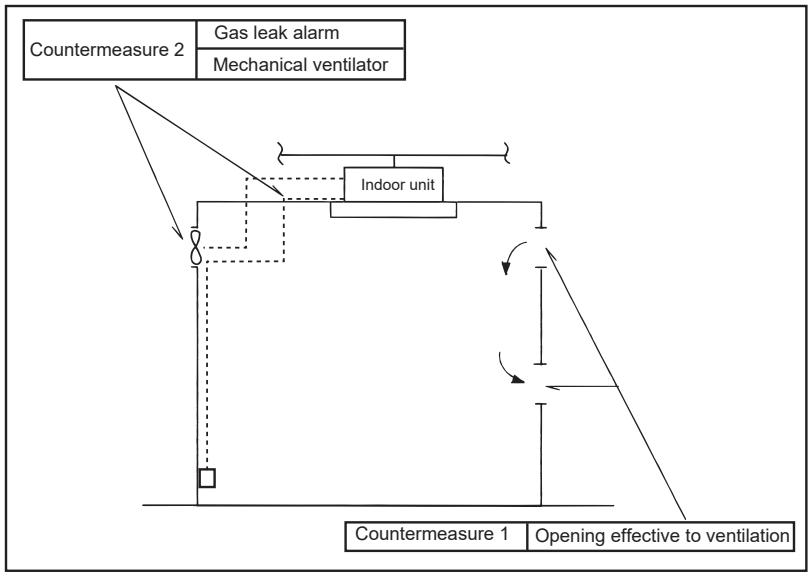
< *Needs to Calculation of Refrigeran concentration* >



< *Calculation of Room Space* >



< *Countermeasure when concentration is exceed* >



The installer and system specialist shall secure safety against leakage according to local regulations or standards.
The following standards may be applicable if local regulations are not available.

■ Concentration limit : 0.44 kg/m³ (for R410A)

Concentration limit (Freon gas weight per unit air volume, kg/m³) is the limit of Freon gas concentration where immediate measures can be taken without hurting human body when refrigerant leaks in the air.

■ Calculate refrigerant concentration

Check concentration limit along following steps and take appropriate measure depending on the situation.

(1) Calculate total amount of refrigerant per each system (A, kg)

Total amount of refrigerant in the system (A, kg)

= Amount of pre-charged refrigerant per single system(B, kg) + Amount of additional replenished refrigerant(C, kg)

(B : Amount of replenished refrigerant at factory shipment)

(C : Amount of additionally replenished refrigerant depending on piping length or piping diameter by customer)

1. Information for Refrigerant

※ In case one refrigerant facility is divided into 2 or more refrigerant systems and each system is independent, amount of replenished refrigerant of each system shall be adopted.

(2) Calculate the volume of the room where indoor unit is installed as single room or the smallest room. (D, m³)

In case of room with partition and without opening which serve as passage of air to adjoining room, calculate the room space only.

- In case of room with partition but opened which serve passage of air to adjoining room, calculate the room space include space of adjoining room. (In the case of opening without door, or openings both above and below door which is more than space 0.15 % to floor space)

(3) Calculate refrigerant concentration.

Refrigerant concentration

= Total amount of refrigerant system (A, kg) ÷ Volume of smallest room where indoor unit is installed (D, m³)

[Refrigerant concentration ≤ Maximum concentration (kg/m³, R410A is 0.44)]

In case the result of calculation exceeds the concentration limit, perform the same calculations by shifting to the second smallest, and the third smallest rooms until at last the result is below the concentration limit.

■ In case the concentration exceeds the limit

When the concentration exceeds the limit, change original plan or take one of the counter measure shown below:

- Counter measure 1
  Provide opening 0.15% or more size of opening to floor space both above and below door for ventilation, or provide opening without door.
- Counter measure 2
  Provide gas leak alarm linked with mechanical ventilator.
- Counter measure 3
  Reducing the system's refrigerant quantity by deviding into smaller separate system.

< ! > CAUTIONS

Pay a special attention to the place, such as a basement, etc. where refrigerant can stay, since refrigerant is heavier than air.

2. Selection of the best Location

2.1 Best Location

Select space for installing outdoor unit, which will meet the following conditions:
• No direct thermal radiation from other heat sources.
• No possibility of annoying neighbors due to noise of unit.
• No exposition to strong wind.
• Place with strength which bears weight of unit.
• Note that drain flows out of unit when heating mode operation (except for Cooling only model).
• Because of the possibility of fire, do not install unit to the space where generation, inflow, stagnation, and leakage of combustible gas is expected.
• Avoid unit installation in a place where acidic solution and spray (sulfur) are often used.
• Do not use unit under any special environment where oil, steam and sulfuric gas exist.
• It is recommended to fence round the outdoor unit in order to prevent any person or animal from accessing the outdoor unit.
• If installation site is area of heavy snowfall, then the following directions should be observed.
- Make the foundation as high as possible / Fit a snow protection hood.
• Select installation location considering following conditions to avoid bad condition when performing defrost operation.
- Install the unit at a place well ventilated and having a lot of sunshine in case of installing the product at a place with a high humidity in winter (near beach, coast, lake, etc).
(Ex) Rooftop where sunshine always shines.
- Performance of heating will be reduced and pre-heat time of the indoor unit may be lengthened in case of installing the outdoor unit in winter at following location:
▷ Shade position with a narrow space.
▷ Location with much moisture in neighboring floor.
▷ Location with much humidity around.
It is recommended to install the outdoor unit at a place with a lot of sunshine as possible as.
▷ Location where liquid gathers since the floor is not even.
▷ When installing the outdoor unit in a place that is constantly exposed to a strong wind like a coast or on a high story of a building, secure a normal fan operation by using a duct or a wind shield.

■ Cautions corresponding to strong/seasonal wind

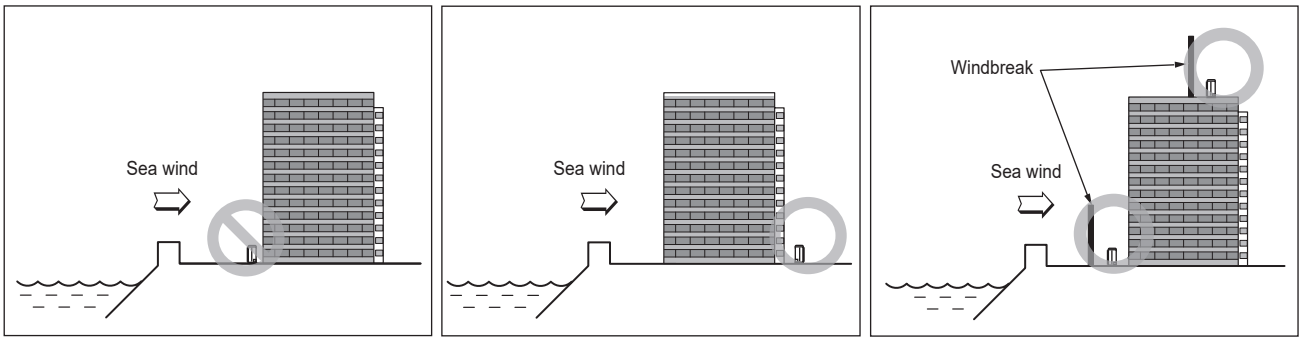
• When the“Outdoor unit of Side Discharge Type” is installed in a place that is constantly exposed to a strong wind like a coast or on a high story of a building, secure a normal fan operation by using a duct or a wind shield.
- Don't install the suction hole and discharge hole of the Outdoor unit facing the seasonal wind.
- Install the unit so that its discharge port faces to the wall of the building.
Keep a distance 500mm or more between the unit and the wall surface.
- Supposing the wind direction during the operation season of the air conditioner, install the unit so that the discharge port is set at right angle to the wind direction.

■ Cautions in winter

• Sufficient measures are required in a snow area or severe cold area in winter so that product can be operated well.
• Get ready for seasonal wind or snow in winter even in other areas.
• Install a suction and discharge duct not to let in snow or rain.
• Install the outdoor unit not to come in contact with snow directly. If snow piles up and freezes on the air suction hole, the system may malfunction. If it is installed at snowy area, attach the hood to the system.
• Where snow accumulated on the upper part of the Outdoor Unit, always remove snow for operation.
• If width of the frame is wider than that of the product, snow may accumulate. So, its width shall not exceed the width of the product.

2. Selection of the best Location

2.2 Special guide for installation at the Seaside



※ This figure is representative. Actual appearance of outdoor unit may be different by product type.

< ! > CAUTIONS

- Air conditioners should not be installed in areas where corrosive gases, such as acid or alkaline gas, are produced.
- Do not install the product where it could be exposed to sea wind (salty wind) directly. It can result corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunctionor inefficient performance.
- If outdoor unit is installed close to the seaside, it should avoid direct exposure to the sea wind. Otherwise itneeds additional anticorrosion treatment on the heat exchanger.

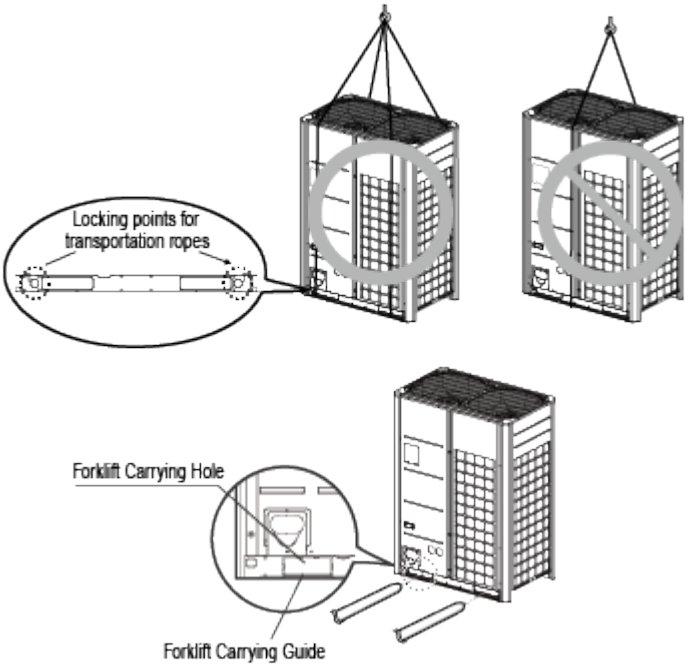
■ Selecting the location of Outdoor Units

- If the outdoor unit is to be installed close to the seaside, direct exposure to the sea wind should be avoided.
- Install the outdoor unit on the opposite side of the sea wind direction.
- It should be strong enough like concrete to prevent the sea wind from the sea.
- The height and width should be more than 150% of the outdoor unit.
- It should be kept more than 70 cm of space between outdoor unit and the windbreak for easy air flow. In case, to install the outdoor unit on the seaside, set up a windbreak not to be exposed to the sea wind.
- Select a well-drained place.
- Periodic (more than once/year) cleaning of the dust or salt particles stuck on the heat exchanger by using water.

2. Selection of the best Location

2.3 Lifting Method

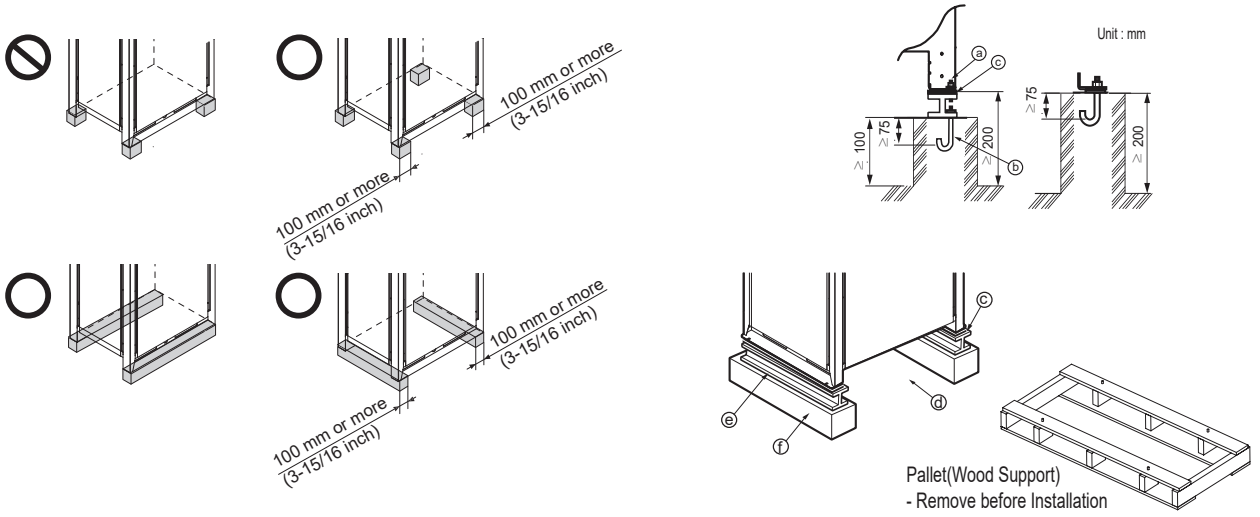
- When carrying the suspended, unit pass the ropes under the unit and use the two suspension points each at the front and rear.
- Always lift the unit with ropes attached at four points so that impact is not applied to the unit.
- Attach the ropes to the unit at an angle of 40°or less.



< ! > CAUTION

- Be very careful while carrying the product.
- PP bands are used to pack some products. Do not use them as a mean for transportation because they are dangerous.
- Do not touch heat exchanger fins with your bare hands. Otherwise you may get a cut in your hands.
- Tear plastic packaging bag and scrap it so that children cannot play with it.
  Otherwise plastic packaging bag may suffocate children to death.
- When carrying in Outdoor Unit, be sure to support it at four points.
  Carrying in and lifting with 3-point support may make Outdoor Unit unstable, resulting in a fall.
- Use 2 belts of at least 8m(26.2ft) long.
- Place extra cloth or boards in the locations where the casing comes in contact with the sling to prevent damage.
- Hoist the unit making sure it is being lifted at its center of gravity.

3. Foundation for Installation

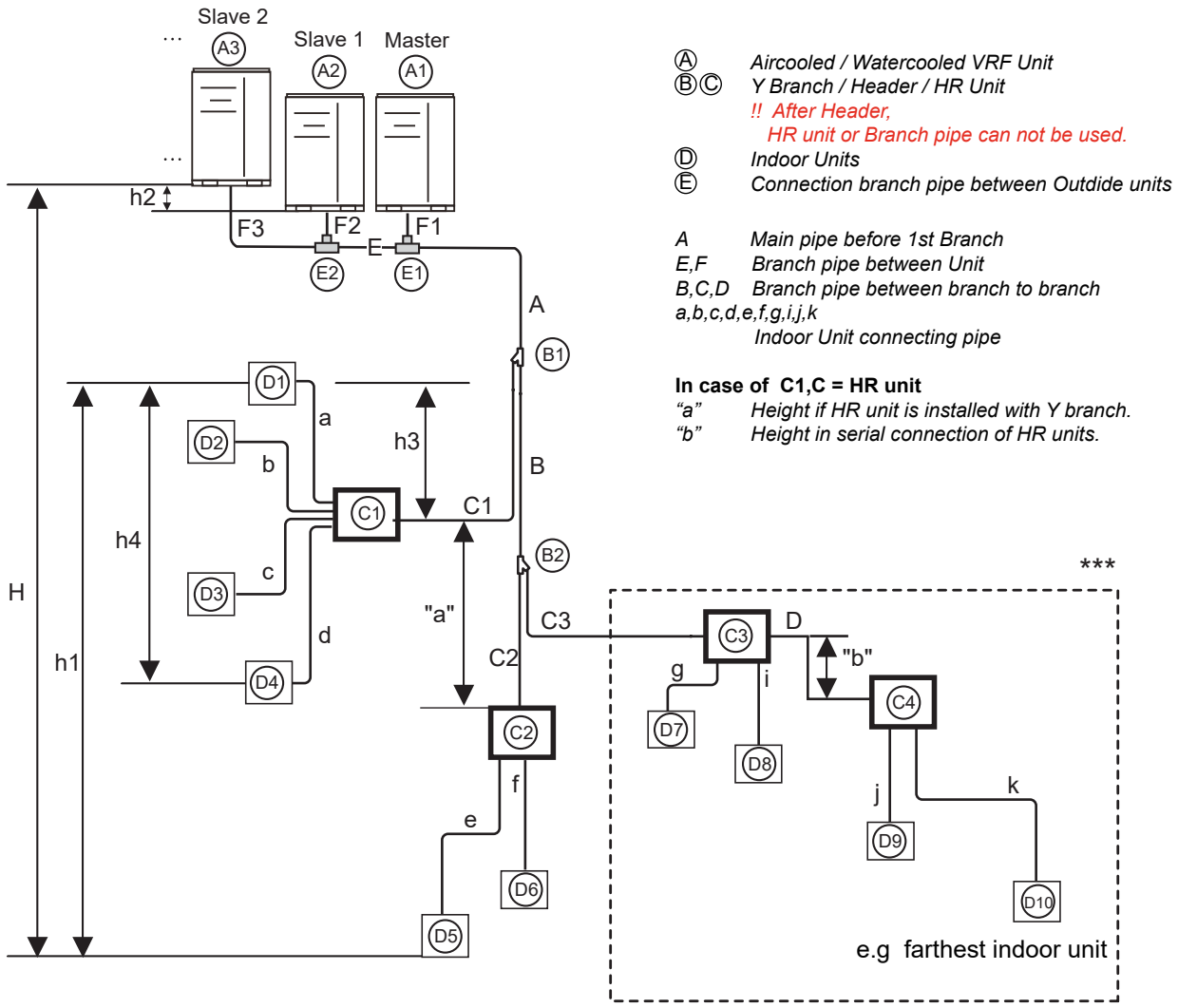


- Install where it can sufficiently support the weight of the outdoor unit.
  If the support strength is not enough, the outdoor unit may drop and hurt people.
- Install where the outdoor unit may not fall in strong wind or earthquake.
  If there is a fault in the supporting conditions, the outdoor unit may fall and hurt people.
- Please take extra cautions on the supporting strength of the ground, water outlet treatment (treatment of the water flowing out of the outdoor unit in operation), and the passages of the pipe and wiring, when making the ground support.
- Do not use tube or pipe for water outlet in the Base pan. Use drainage instead for water outlet.
  The tube or pipe may freeze and the water may not be drained.
- Install at places where it can endure the weight and vibration/noise of the outdoor unit.
- The outdoor unit supports at the bottom shall have width of at least 100mm under the unit's legs before being fixed.
- The outdoor unit supports should have minimum height of 200mm.
- Anchor bolts must be inserted at least 75mm.
- Fix the unit tightly with bolts as shown so that unit will not fall down due to earthquake or gust.
  a. The corner part must be fixed firmly. Otherwise, the support for the installation may be bent.
  b. Get and use M10 Anchor bolt.
  c. Noise and vibration may occur from the floor or wall since vibration is transferred through the installation part depending on installation status. Thus, use anti-vibration materials (cushion pad) fully.
  (The base pad shall be more than 200mm)
  d. Space for pipes and wiring (Pipes and wiring for bottom side)
  e. Use the H-beam support as a base support
  f. Concrete support
- Be sure to remove the Pallet (Wood Support) of the bottom of the outdoor unit before fixing the bolt or welding.
  It may cause the unstable state of the outdoor settlement, and may cause freezing of the heat exchanger resulting in abnormal operations, hazard of fire during welding.

4. Refrigerant Piping System

4.1 System diagram

Example : 10 Indoor Units connected



Ⓐ *Aircooled / Watercooled VRF Unit*
ⒷⒸ *Y Branch / Header / HR Unit*
!! After Header,
HR unit or Branch pipe can not be used.
Ⓓ *Indoor Units*
Ⓔ *Connection branch pipe between Outdide units*

A Main pipe before 1st Branch
E,F Branch pipe between Unit
B,C,D Branch pipe between branch to branch
a,b,c,d,e,f,g,i,j,k
Indoor Unit connecting pipe

In case of C1,C = HR unit
"a" Height if HR unit is installed with Y branch.
"b" Height in serial connection of HR units.

- It is recommended that difference in length of the pipes connected to the indoor units (a~k) is minimized. The large difference in pipe lengths, the more different performance between indoor units.
- *** Serial connection of HR units : Capacity sum of indoor units ≤ 230 kBtu/hr
  If the large capacity indoor units (Over 5 HP; using overØ15.88/Ø9.52) are installed, it should be used the Valve Group setting.
- HR unit is for Heat Recovery System only.

4. Refrigerant Piping System

4.2 Refrigerant piping system design

Limit of Piping Length and difference in height

L	Overall Piping Length (A+B+C1+C2+C3+D+a+b+c+d+e+f+g+i+j+k)	1,000m
L1	Longest pipe length (A+B+C3+D+K) : between outdoor Unit and the farthest indoor unit	150m (200m**)
	Longest pipe Equivalent length* between outdoor Unit and the farthest indoor unit	175m (225m**)
L2	First outside branch ~ the farthest indoor unit (B+C3+D+k)	40m (90m**)
L3	Length from each indoor unit to the closest HR Unit / Header	40 m
L4	Length from outdoor branch to outdoor unit (F1,E+F2,E+F3)	10 m
	Equivalent length from outdoor branch to outdoor unit *	13 m
H	Between outdoor Unit and Indoor Unit	110 m
h1	Between Indoor Unit and Indoor Unit	40 m
h2	Between outdoor Unit and outdoor Unit	5 m
h3	Between Indoor Unit and HR Unit	15 m
h4	Between Indoor Unit and Indoor Unit connected to same HR unit	15 m
“a”	Between HR Unit and HR Unit	30 m
“b”	Between HR Unit and HR Unit within same branch	5 m

• * Equivalent Length
: Assume equivalent pipe length of Y branch to be 0.5m, that of header to be 1m for calculation purpose.
• ** Conditional application : For branch pipes after “Header”, conditional application could not be applied.
• It is recommended that indoor unit is installed at lower position than the header. And Branch pipe can not be used after header.
• HR unit is for Heat Recovery System only.

< ! > WARNING

When the any one (or both) of below conditions are satisfied, the diameter of main pipe (A) must be increased according to below table.

- The equivalent length between outdoor unit and the farthest indoor unit is 90m (295ft) or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (Outdoor/Outside unit ↔ Indoor unit) is 50m (164ft) or more (Only liquid pipe is increased)

Refrigerant pipe diameter from outdoor unit to first branch. (A)

For Heat Recovery System						
Upward Outdoor /Outside unit total capacity (HP)	Standard Pipe Diameter			Increased Pipe Diameter		
	Liquid pipe [mm(inch)]	Low Pressure Gas pipe [mm(inch)]	High Pressure Gas pipe [mm(inch)]	Liquid pipe [mm(inch)]	Low Pressure Gas pipe [mm(inch)]	High Pressure Gas pipe [mm(inch)]
8	Ø 9.52 (3/8)	Ø 19.05 (3/4)	Ø 15.88 (5/8)	Ø 12.7 (1/2)	Not increased	Not increased
10	Ø 9.52 (3/8)	Ø 22.2 (7/8)	Ø 19.05 (3/4)	Ø 12.7 (1/2)	Not increased	Not increased
12	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Ø 15.88 (5/8)	Not increased	Not increased
14 ~ 16	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Ø 15.88 (5/8)	Not increased	Not increased
18 ~ 20	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Ø 19.05 (3/4)	Not increased	Not increased
22	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Not increased	Not increased
24	Ø 15.88 (5/8)	Ø 34.9 (1-3/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Not increased	Not increased
26 ~ 34	Ø 19.05 (3/4)	Ø 34.9 (1-3/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Not increased	Not increased
36	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Not increased	Not increased
38 ~60	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 34.9 (1-3/8)	Ø 22.2 (7/8)	Not increased	Not increased
62~64	Ø 22.2 (7/8)	Ø 41.3 (1-5/8)	Ø 34.9 (1-3/8)	Ø 25.4 (1) *	Not increased	Not increased
66~96	Ø 22.2 (7/8)	Ø 53.98 (2-1/8)	Ø 34.9 (1-3/8)	Ø 25.4 (1) *	Not increased	Not increased

• * : If available on site, select pipe size from the pipe diameter table according to capacity.
Otherwise it doesn’t need to be increased.
• Model line up could be different in accordance with target region.

4. Refrigerant Piping System

For Heat Pump System						
Upward Outdoor /Outside unit total capacity (HP)	Standard Pipe Diameter		Increased Pipe Diameter			
			Equivalent pipe length is 90m(295ft) or more from ODU to farthest IDU		When Level difference is 50m or more	
	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]
8	Ø 9.52 (3/8)	Ø 19.05 (3/4)	Ø 12.7 (1/2)	Ø 22.2 (7/8)	Ø 12.7 (1/2)	Not increased
10	Ø 9.52 (3/8)	Ø 22.2 (7/8)	Ø 12.7 (1/2)	Ø 25.4 (1) *	Ø 12.7 (1/2)	Not increased
12~ 14	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 15.88(5/8)	Not increased	Ø 15.88(5/8)	Not increased
16	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 15.88 (5/8)	Ø 31.8(1-1/4) *	Ø 15.88 (5/8)	Not increased
18 ~ 22	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Ø 31.8(1-1/4) *	Ø 19.05 (3/4)	Not increased
24	Ø 15.88 (5/8)	Ø 34.9(1-3/8)	Ø 19.05(3/4)	Not increased	Ø 19.05(3/4)	Not increased
26 ~ 34	Ø 19.05(3/4)	Ø 34.9 (1-3/8)	Ø 22.2(7/8)	Ø 38.1(1-1/2) *	Ø 22.2(7/8)	Not increased
36 ~ 60	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 22.2(7/8)	Not increased	Ø 22.2 (7/8)	Not increased
62 ~ 64	Ø 22.2(7/8)	Ø 41.3 (1-5/8)	Ø 25.4(1) *	Ø 53.98(2-1/8)	Ø 25.4(1) *	Not increased
66 ~ 96	Ø 22.2 (7/8)	Ø 53.98 (2-1/8)	Ø 25.4(1) *	Not increased	Ø 25.4(1) *	Not increased

• * : If available on site, select pipe size from the pipe diameter table according to capacity.
Otherwise it doesn't need to be increased.
• Model line up could be different in accordance with target region.

Refrigerant pipe diameter from branch to branch (B,C,D)

Downward indoorunit total capacity [kW(Btu/h)]	Liquid pipe [mm(inch)]	Low Pressure Gas pipe [mm(inch)]	High Pressure Gas pipe [mm(inch)]
≤ 5.6(19,100)	Ø6.35(1/4)	Ø12.7(1/2)	Ø9.52(3/8)
< 16.0 (54,600)	Ø9.52(3/8)	Ø15.88(5/8)	Ø12.7(1/2)
< 22.4 (76,400)	Ø9.52(3/8)	Ø19.05(3/4)	Ø15.88(5/8)
< 33.6(114,700)	Ø9.52(3/8)	Ø22.2(7/8)	Ø19.05(3/4)
< 50.4(172,000)	Ø12.7(1/2)	Ø28.58(1-1/8)	Ø22.2(7/8)
< 67.2(229,300)	Ø15.88(5/8)	Ø28.58(1-1/8)	Ø22.2(7/8)
< 72.8(248,400)	Ø15.88(5/8)	Ø34.9(1-3/8)	Ø28.58(1-1/8)
< 100.8(344,000)	Ø19.05(3/4)	Ø34.9(1-3/8)	Ø28.58(1-1/8)
< 173.6(592,500)	Ø19.05(3/4)	Ø41.3(1-5/8)	Ø34.9(1-3/8)
< 184.8(630,700)	Ø22.2(7/8)	Ø41.3(1-5/8)	Ø34.9(1-3/8)
≤ 291.2(993,600)	Ø22.2(7/8)	Ø53.98(2-1/8)	Ø41.3(1-5/8)

Guide for Conditional Application(**)

If the below conditions are satisfied, limit of longest pipe length after 1st branch(l) could be extended by 40m(131ft) → 90m(295ft).

• Pipe diameter Size Up

Pipe diameter(only Liquid/low pressure gas pipes) between 1st branch and last branch(HR unit) is increased byone step.
If the pipe diameter of B, C3 is same as A, it is not necessary.
: Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...
If available on site, select pipe size from the pipe diameter table according to capacity. Otherwise it doesn't need to increase .

• Correction for calculating the total pipe length

When calculating total pipe length, pipe B,C,D length should be calculated twice.
: A + B x 2 + C3 x 2 + D x 2 + C1 + C2 + a + b + c + d + e + f + g + i + j + k + l + m + n ≤ 1,000m (3,281ft)

• Indoor unit pipe length

Length of pipe from each indoor unit to the closest HR unit (a, b, c, d, e, f, g, i, j, k, l, m, n) ≤ 40m (131ft).

• Difference in length between outdoor unit and the farthest or closest indoor unit

[Length of pipe from outdoor unit to the farthest indoor unit 12 (B + C3 + D + k)] - [Length of pipe from outdoor unit to the closest indoor unit 1 (C1 + a)] ≤ 40m (131ft)

Cautions for Y branch pipe

• In case of pipe diameter connected after first branch(B) is bigger than the main pipe diameter(A), B should be of the same size with A.
• Do not choose the main pipe diameter by downward indoor unit total capacity, but its outdoor/outside unit model name.
• Do not let the connection pipe from branch to branch exceed the main pipe diameter chosen by outdoor unit model name.

4. Refrigerant Piping System

[Example 1] In case indoor unit combination ratio 120% is connected to 24HP(67.2 kW) outdoor unit.
- Outdoor unit main pipe diameter A : Ø34.9(Gas pipe), Ø15.88(liquid pipe)
- Pipe diameter B after first branch according to 120% indoor unit ombination(80.6kW): Ø34.9(gas pipe),Ø19.05(liquid pipe)

▷ **Therefore, pipe diameter B connected after first branch would be Ø34.9(gas pipe) / Ø15.88(liquid pipe) which is same with main pipe diameter.**

[Example 2] Where connecting the indoor units to the 22HP (61.6kW) outdoor unit to 130% of its system capacity (80.1kW) and branching 7k (2.2kW) indoor unit at the 1st branch.
- Main pipe diameter(22 HP outdoor unit): Ø28.58(gas pipe), Ø15.88(Liquid pipe)
- Pipe diameter between 1st and 2nd branch (77.9kW indoor units) : Ø34.9(Gas pipe), Ø19.05(Liquid pipe) in conformity with downward indoor units.

▷ **Since the main pipe diameter of 22HP outdoor unit is Ø28.58 (gas pipe), Ø15.88(Liquid pipe) is used as the main pipe and the connection pipe between 1st and 2nd branch.**

Cautions for header branch pipe

• It is recommended to install the difference between the length of the pipe after header branch(a~f) and the length of the pipe connected to indoor unit to be the minimum.
• As the pipe length difference increases, there may be performance differences between indoor units.
• Y branch and header branch cannot be used after header branch.

Indoor Unit connecting pipe (a~k)

Indoor Unit capacity [kW(Btu/h)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]
≤ 5.6(19,100)	Ø6.35(1/4)	Ø12.7(1/2)
< 16.0(54,600)	Ø9.52(3/8)	Ø15.88(5/8)
< 22.4(76,400)	Ø9.52(3/8)	Ø19.05(3/4)
≤ 28.0(95,900)	Ø9.52(3/8)	Ø22.2(7/8)

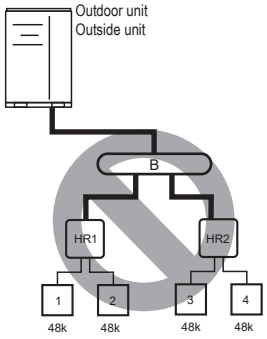
• Bending radius should be at least twice the diameter of the pipe.
• Bend pipe after 500mm or more from branch(or header).
• Do not bend U type. It may affect performance or result in noise. If U type bending is required, the R should be more than 200mm.

4. Refrigerant Piping System

4.3 Branch pattern for Heat Recovery System

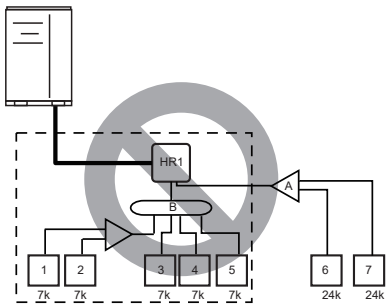
Pattern 1

• Impossible installation
: Head branch pipe → HR unit

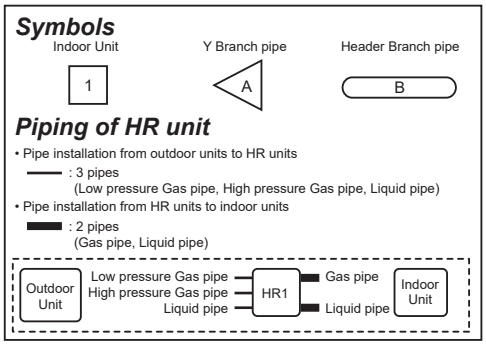


Pattern 2

• Impossible installation
: HR unit → Y Branch and Header
→ Y Branch after Header

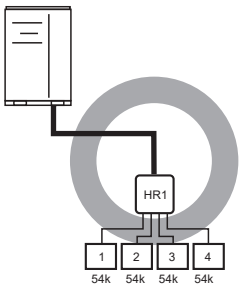


Symbols

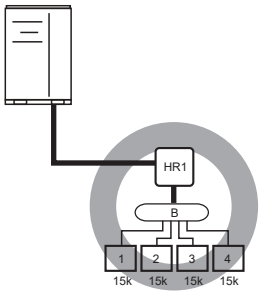


※ This figure is representative. Actual appearance of unit may be different by product type, but schematic diagram will stay same.

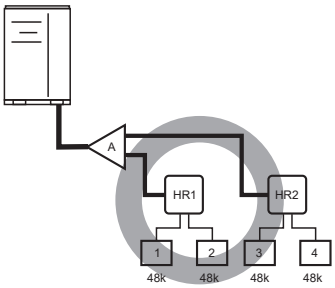
Pattern 3



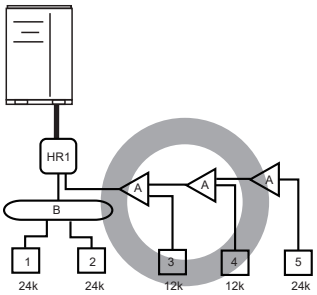
Pattern 4



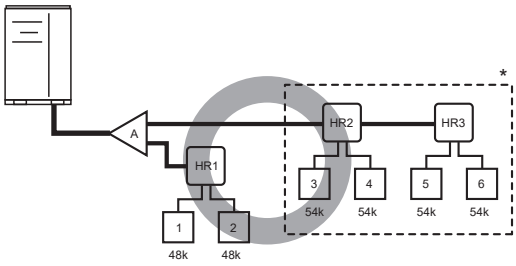
Pattern 5



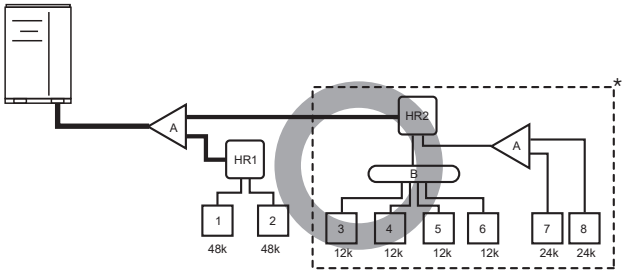
Pattern 6



Pattern 7



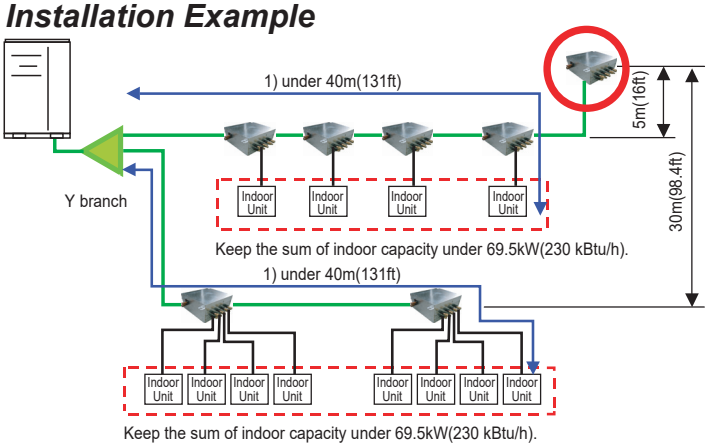
Pattern 8



Connective Capacity Limit

- The maximum total capacity of each branch pipe of HR unit is 17.5kW(60 kBtu/h).
- If a indoor unit capacity over that, two neighboring outlets of one HR unit should be linked by Y branch pipe and connected to one indoor unit.
(Large capacity(76kBtu/h and 96kBtu/h unit)
- The maximum total capacity of indoor units is 69.5kW(230 kBtu/h).
- * : Serial connection of HR units
: Capacity sum of indoor units ≤ 230 kBtu/h
: Maximum indoor units per a branch are 8 indoor units

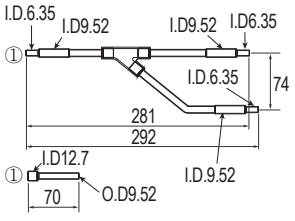
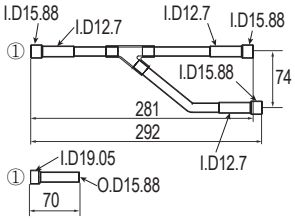
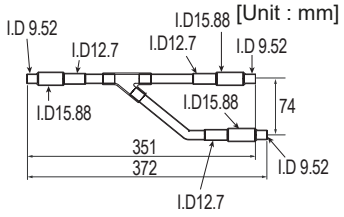
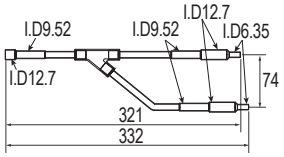
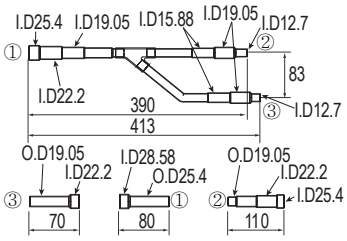
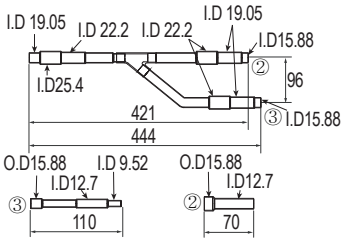
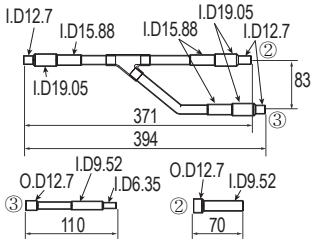
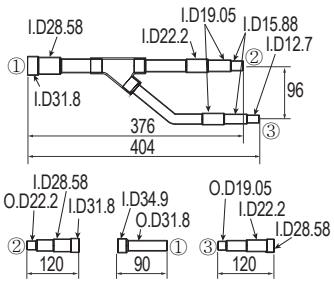
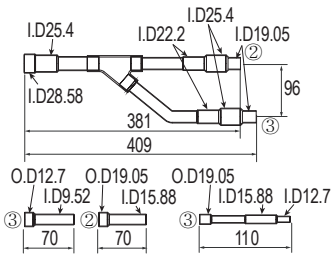
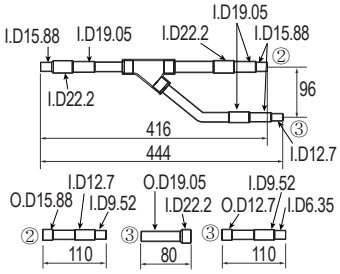
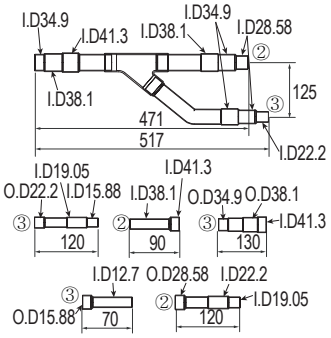
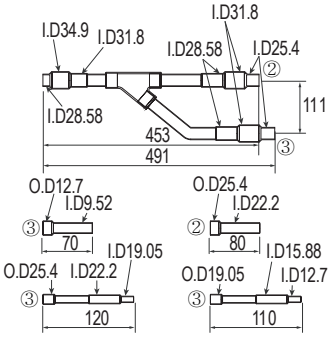
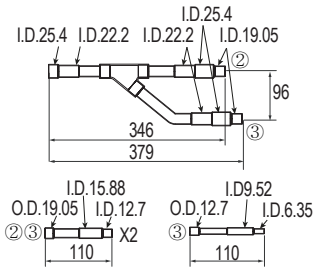
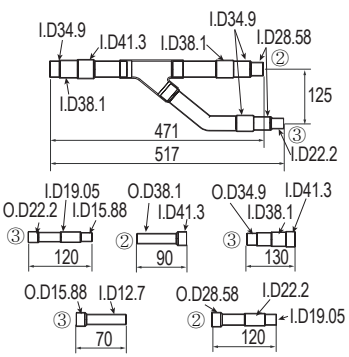
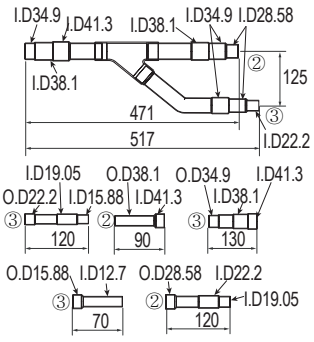
Installation Example



4. Refrigerant Piping System

4.4 Selection of Y Branch

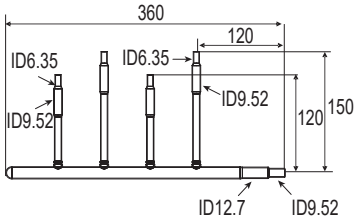
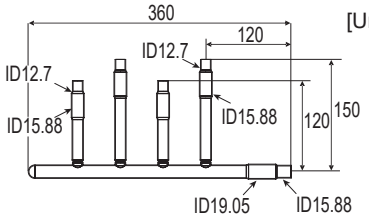
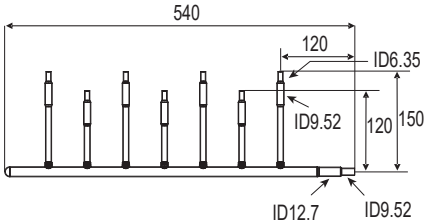
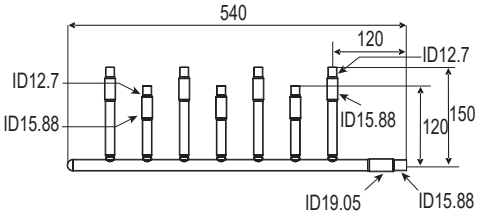
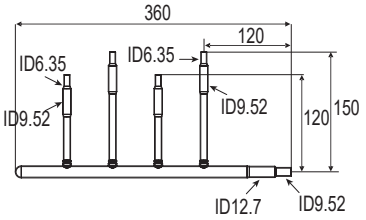
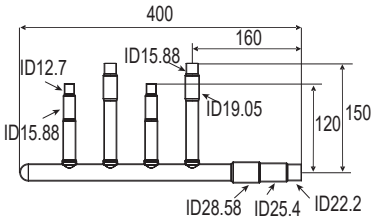
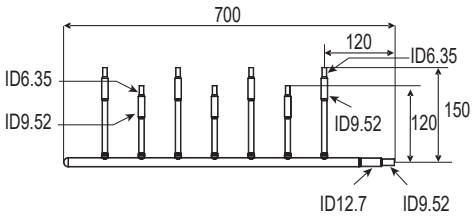
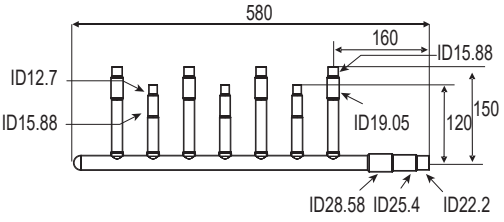
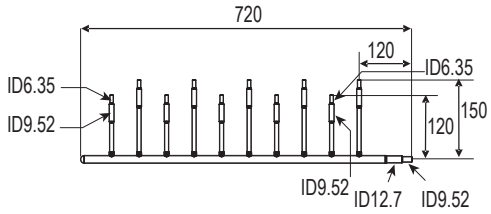
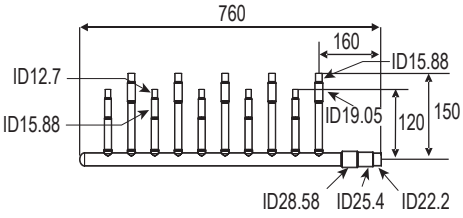
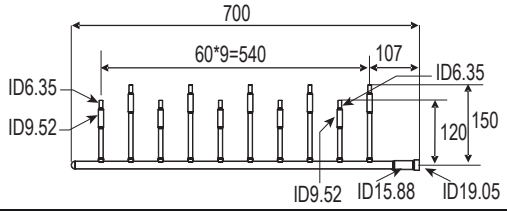
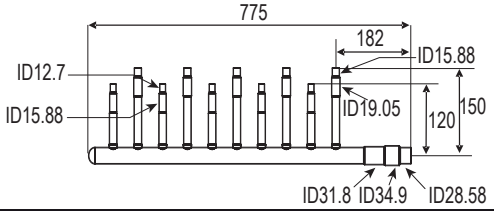
[Unit : mm]

Model	ARBLN- (For Heat Pump) : Liquid pipe + Low Pressure Gas Pipe ARBLB- (For Heat Recovery) : Liquid pipe + Low Pressure Gas Pipe + High Pressure Gas Pipe		
	Liquid pipe	Low Pressure Gas pipe	High Pressure Gas pipe
ARBLN01621 ARBLB01621			
ARBLN03321 ARBLB03321			
ARBLN07121 ARBLB07121			
ARBLN14521 ARBLB14521			
ARBLN23220 ARBLB23220			

4. Refrigerant Piping System

4.5 Selection of Header

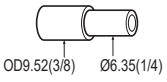
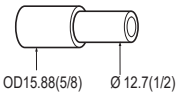
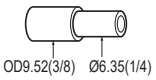
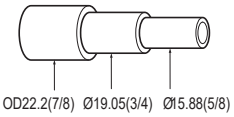
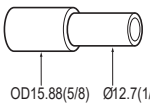
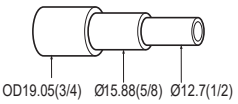
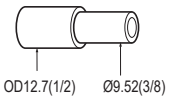
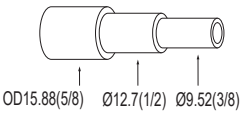
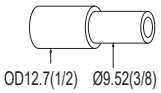
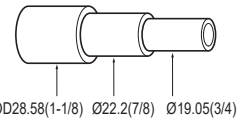
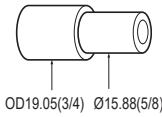
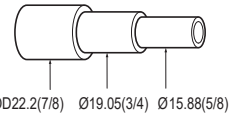
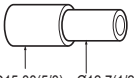
[Unit : mm]

Model	*Liquid pipe*	*Gas pipe*
4 Branch ARBL054		
7 Branch ARBL057		
4 Branch ARBL104		
7 Branch ARBL107		
10 Branch ARBL1010		
10 Branch ARBL2010		

4. Refrigerant Piping System

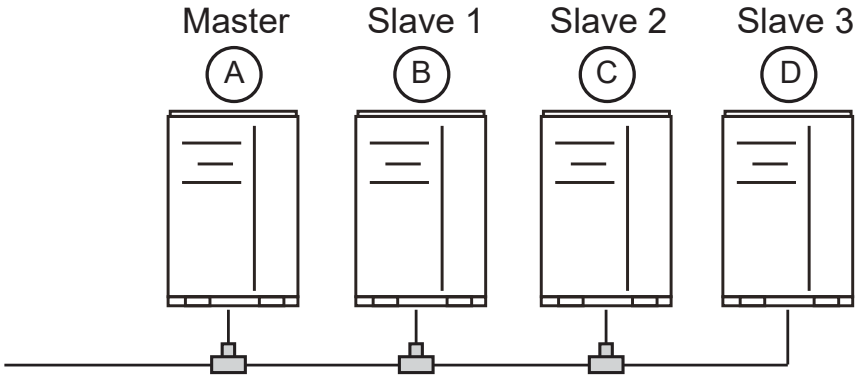
4.6 Selection of Reducer

[Unit : mm(inch)]

Model		*Liquid pipe*	*Low Pressure Gas pipe*	*High Pressure Gas pipe*
Indoor Unit Reducer				
HR Unit Reducer	***PRHR023***		 	 
	PRHR033 PRHR043 PRHR063 PRHR083	 	 	 

4. Refrigerant Piping System

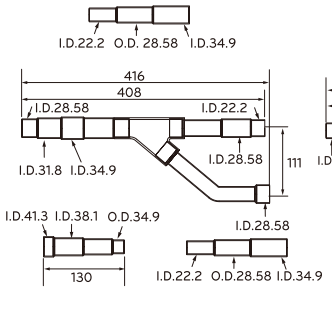
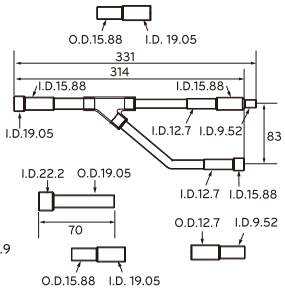
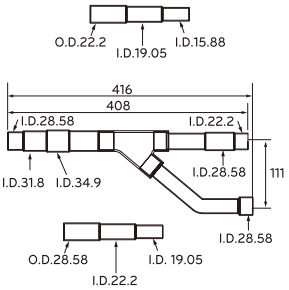
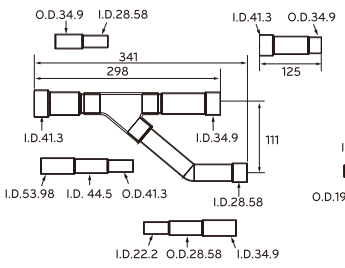
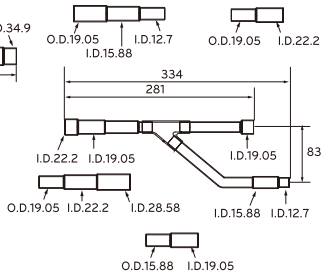
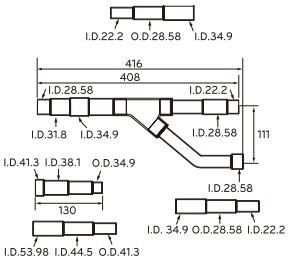
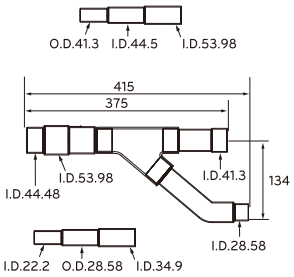
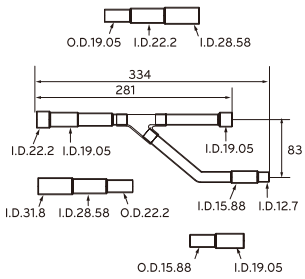
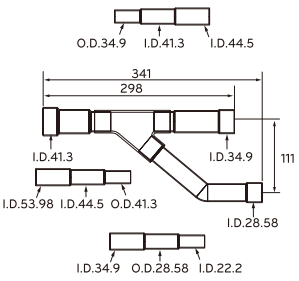
4.7 Series Unit Connection(Heat Recovery)



*Maximum combination could be different in accordance with model line up.

Ⓐ≥Ⓑ≥Ⓒ≥Ⓓ

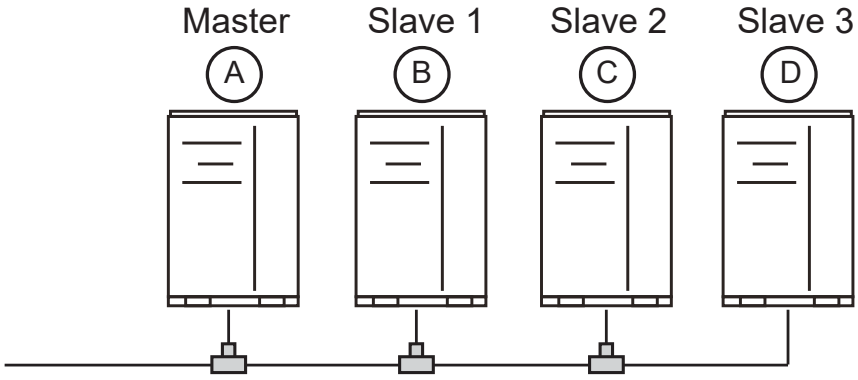
(1) Indoor unit side connection pipe
(2) Outdoor unit to outdoor unit connection pipe (1st branch)
(3) Outdoor unit to outdoor unit connection pipe (2st branch)
(4) Outdoor unit to outdoor unit connection pipe (3rd branch)

Outdoor Unit	*Model*	*Low Pressure Gas Pipe[Unit : mm]*	*Liquid Pipe [Unit : mm]*	*High Pressure Gas Pipe[Unit : mm]*
2 Units	*ARCNB21*			
3 Units	*ARCNB31*			
4 Units	*ARCNB41*			

For more information including installaion method of connection pipe, refer accessory installation manual.

4. Refrigerant Piping System

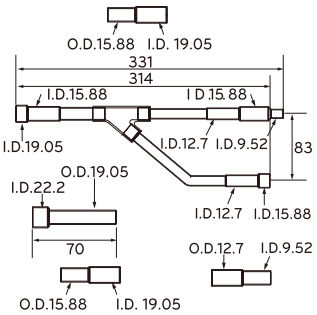
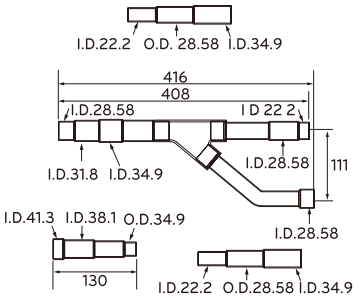
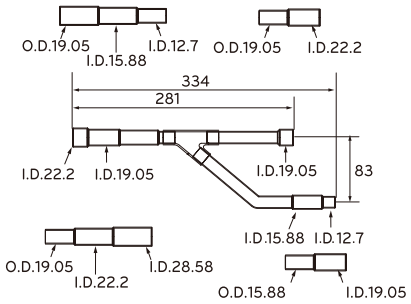
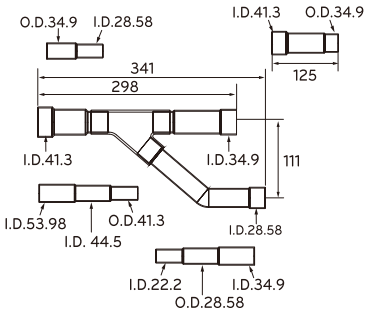
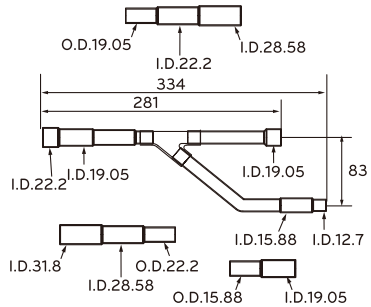
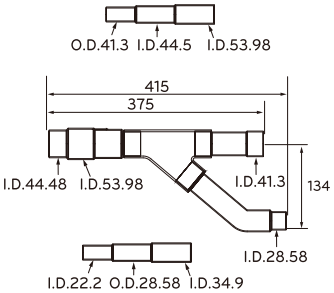
4.8 Series Unit Connection(Heat Pump)



*Maximum combination could be different in accordance with model line up.

Ⓐ≥Ⓑ≥Ⓒ≥Ⓓ

(1) Indoor unit side connection pipe
(2) Outdoor unit to outdoor unit connection pipe (1st branch)
(3) Outdoor unit to outdoor unit connection pipe (2st branch)
(4) Outdoor unit to outdoor unit connection pipe (3rd branch)

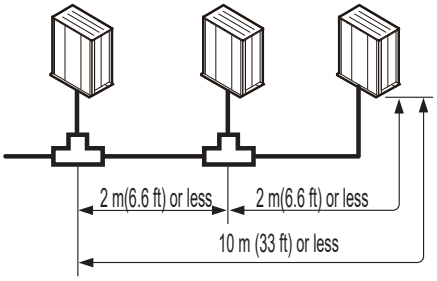
Outdoor Unit	*Model*	*Liquid Pipe*	*Gas Pipe*
2 Units	*ARCNN21*		
3 Units	*ARCNN31*		
4 Units	*ARCNN41*		

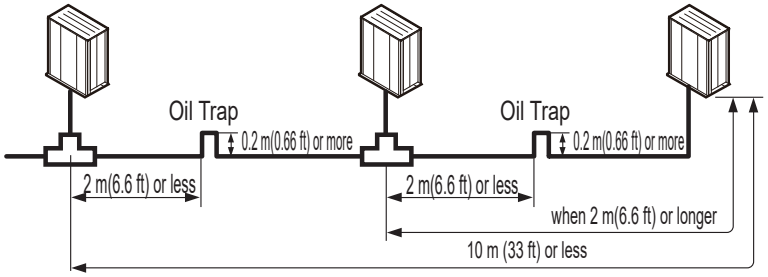
[Unit : mm]

For more information including installaion method of connection pipe, refer accessory installation manual.

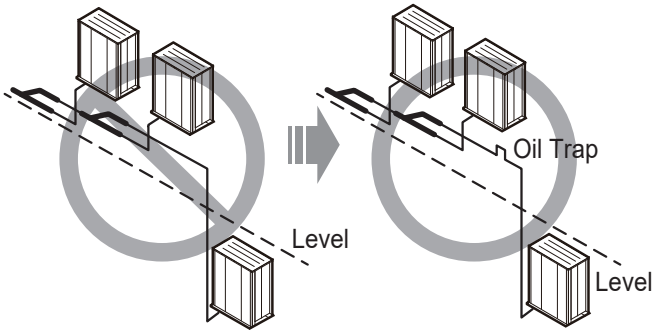
4. Refrigerant Piping System

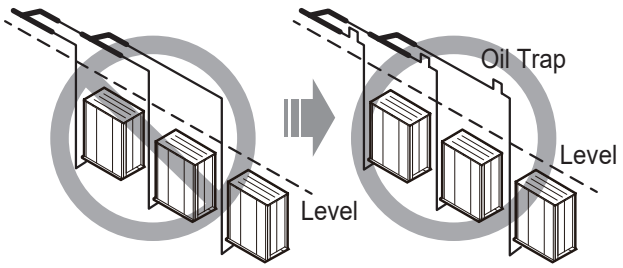
Oil trap application





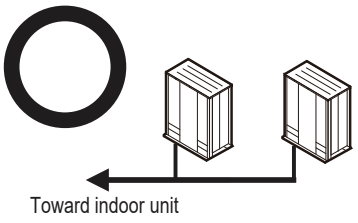
* If the distance between the outside units becomes more than 2 m (6.6 ft), apply Oil Traps between the gas pipes.
* If the outside unit is located lower than the main pipe, apply Oil Trap.



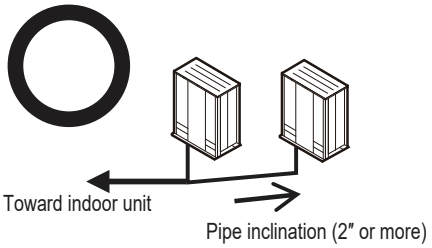


* If the Outdoor / Outside units are located at different level or pipe is higher than Outdoor / Outside units, OIL TRAP must be installed after each Y branch at same level of Y branch.
(Pipe line : Gas pipe for Heat Pump / High Pressure & Low Pressure Gas pipe for Heat Recovery)

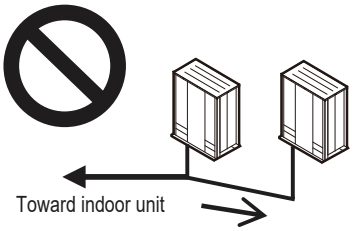
Example of series connection



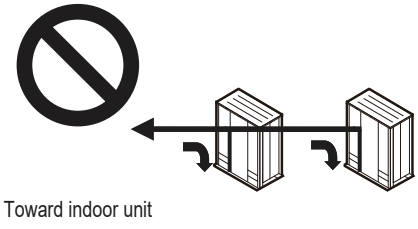
Horizontal level

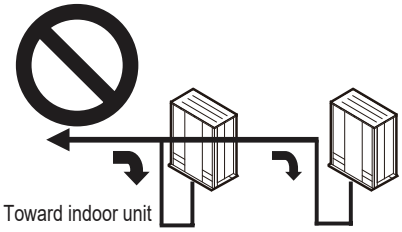


Upward to Slave unit

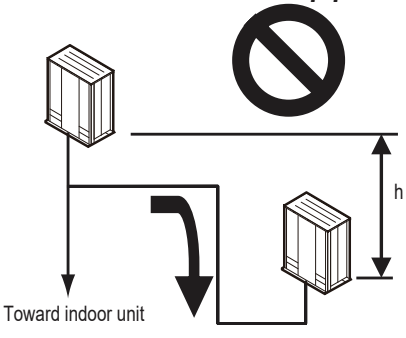


Downward to Slave unit

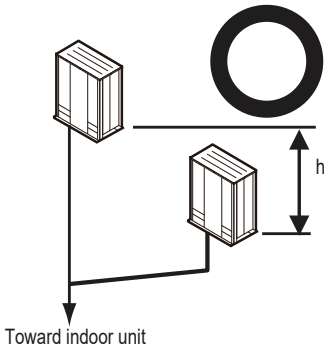




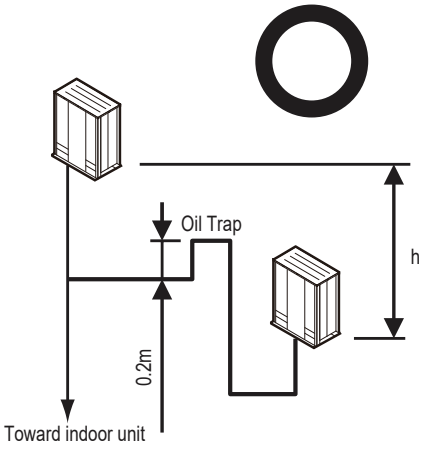
Main pipe above units without Oil Trap



Main pipe above units without Oil Trap



Piping upward to Unit



Installation with Oil Trap

4. Refrigerant Piping System

• Please refer to the below connection examples to install pipe connections between outdoor/outside units.
• Because of the possibility of oil being accumulated in the outdoor/outside unit that has stopped, when there is a height difference between outdoor/outside unit pipes or if the pipe distance between the outdoor/outside units is over 2m, you must always apply an oil trap.
(But, the oil trap between outdoor/outside units is limited to 1 time and is only applied to the gas pipe.)
• If the pipe distance between the outdoor/outside units is 2m or below, and if the location of the main pipe is lower than that of the outdoor/outside unit and if the location of the main pipe is lower than that of the outdoor/outside unit, the oil trap does not have to be applied.
• If the location of the main pipe is higher than the location of the outdoor/outside unit, be careful since the oil can be accumulated in the stopped outdoor/outside unit.
• If there is high/low difference between the outdoor/outside unit pipes, oil can be accumulated to the outdoor/outside unit on the lower location until the unit stops.
– The pipes between the outdoor/outside unit must maintain horizontal levelness or give an inclination to prevent a back flow toward the slave outdoor/outside unit. Otherwise, the unit may not operate properly.
– When connecting the pipes between the outdoor/outside units, the accumulation of oil in the slave outdoor/outside unit should be avoided. Otherwise, the unit may not operate properly.

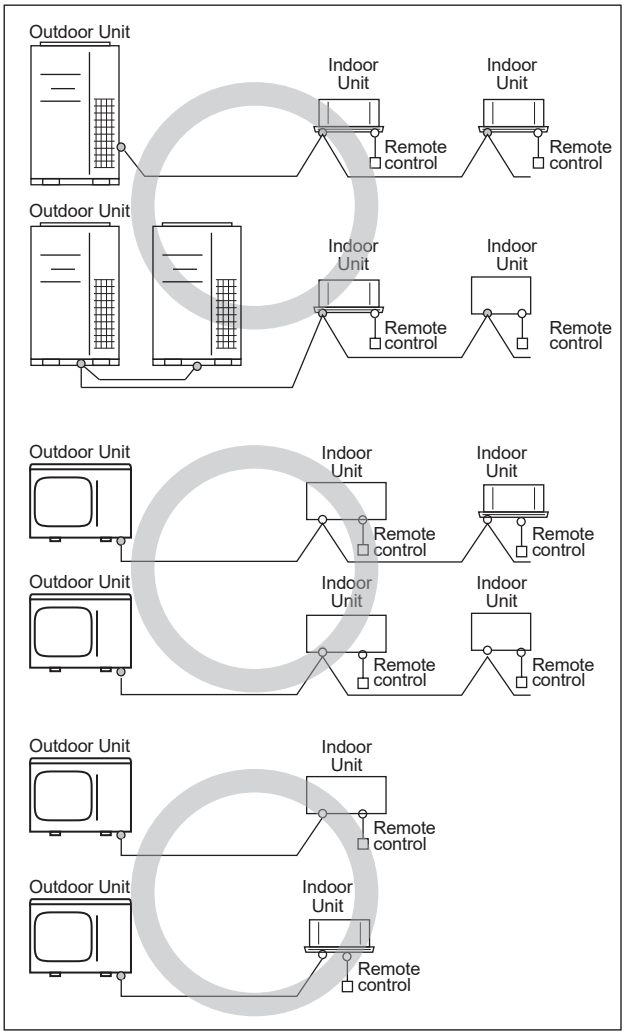
4. Refrigerant Piping System

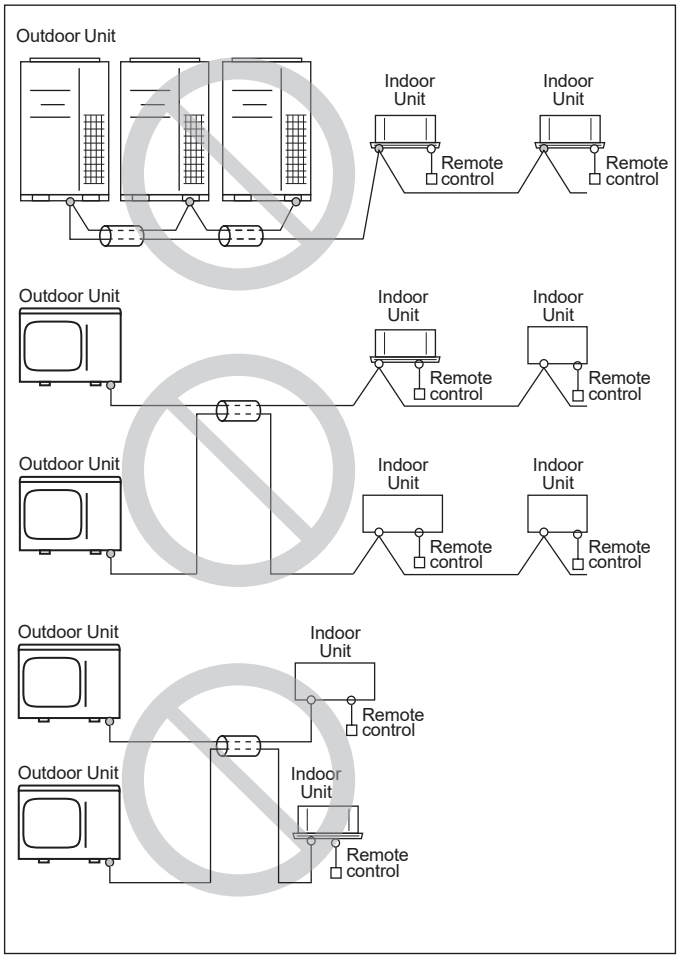
4.10 Calculation of amount of refrigerant

- The calculation of the additional charge should take into account the length of pipe and CF(correction Factor) value of indoor units.
- Please refer to the indoor unit's PDB or the outdoor/outside unit's installation manual for the additional refrigerant table of indoor units.

Additional charge (kg)	=	Total length (m) of Liquid pipe : Ø25.4 mm (1 inch)	x	0.480 (kg/m)
	+	Total length (m) of Liquid pipe : Ø22.2 mm (7/8 inch)	x	0.354 (kg/m)
	+	Total length (m) of Liquid pipe : Ø19.05 mm (3/4 inch)	x	0.266 (kg/m)
	+	Total length (m) of Liquid pipe : Ø15.88 mm (5/8 inch)	x	0.173 (kg/m)
	+	Total length (m) of Liquid pipe : Ø12.7 mm (1/2 inch)	x	0.118 (kg/m)
	+	Total length (m) of Liquid pipe : Ø9.52 mm (3/8 inch)	x	0.061 (kg/m)
	+	Total length (m) of Liquid pipe : Ø6.35 mm (1/4 inch)	x	0.022 (kg/m)
	+	Number of installed HR units(2,3,4 port)	x	0.500 (kg/m)*
	+	Number of installed HR units(6,8 port)	x	1.000 (kg/m)*
	+	CF value of indoor unit(kg/EA)		
* : For Heat Recovery System Only				

5. Electrical Wiring





※ This figure is representative. Actual appearance of outdoor unit may be different by product type, but schematic diagram will stay the same.

- Follow ordinance of local regulation for technical standard related to electrical equipment, wiring regulations and guidance of each electric power company.
- Be sure to provide designated grounding work to installed unit.
- Give some allowance to wiring for electrical part box of units, because the box is sometimes removed at the time of service work.
- Only the communication line specified should be connected to the terminal block for unit communication.

< ! > WARNING

- Be sure to have authorized electrical engineers do the electric work using special circuits in accordance with regulations and installation manual. If power supply circuit has a lack of capacity or electric work deficiency, it may cause an electric shock or fire.
- Be sure to connect the installed unit to earth. Do not connect earth line to any gas pipe, liquid pipe, lightening rod or telephone earth line. If earth is incomplete, it may cause an electric shock.

< ! > CAUTIONS

- Product which use 3-phase power source have reversed phase protection detector that only works when the power is turned on. If there exists black out or the power goes on and off which the product is operating, attach a reversed phase protection circuit locally. Running the product in reversed phase may break the compressor and other parts.
- Install the communication line away from the power source wiring so that it is not affected by electric noise from the power source. (Do not run it through the same conduit.) Never use them together with power cables.
- Never use multi-core cable.
  If communication lines of different systems are wired with the same multiplecore cable, the resultant poor transmitting and receiving will cause erroneous operations.
- The conductive shielding layer of cable should be grounded to the metal part of both units.
- As this unit is equipped with an inverter, to install a phase leading capacitor not only will deteriorate power factor improvement effect, but also may cause capacitor abnormal heating. Therefore, never install a phase leading capacitor.
- Make sure that the power unbalance ratio is not greater than 2%. If it is greater, the unit's lifespan will be reduced.

5. Electrical Wiring

• Never connect the main power source to terminal block of communication line.
If connected, electrical parts will be burnt out.
• Introducing with a missing “N” phase or with a mistaken “N” phase will break the equipment.
• When the power supply is applied to “N” phase by mistake, replace inverter PCB and transformer in control box.

Communication and Power Lines

■ Communication cable
- Types : shielded cables
- Use wires of size : over 1.0 ~ 1.5 mm^2
- Maximum allowable temperature of cable : over 60°C (140℉)
- Maximum allowable line length: under 1,000m

■ Remote control cable
- Types : 3-core cable

■ Central control cable
- Please check the model function table for compatibility with central controller.

Product Type	Wire Type	Diameter
ACP & AC Manager	2-core cables (Shielded)	1.0~1.5mm^2
AC Smart	2-core cables (Shielded)	1.0~1.5mm^2
Simple central controller	4-core cables (Shielded)	1.0~1.5mm^2
AC Ez	4-core cables (Shielded)	1.0~1.5mm^2

■ Separation of communication and power lines
- If communication and power lines are installed alongside each other then there is a strong likelihood of operational faults developing due to interference in the signal wiring caused by electrostatic and electromagnetic coupling.
The tables below indicates our recommendation as to appropriate spacing of communication and power lines where these are to be run side by side.

Current capacity of power line		Spacing
100V or more	10 A	300 mm
	50 A	500 mm
	100 A	1,000 mm
	Exceed 100 A	1,500 mm

-The figures are based on assumed length of parallel cabling up to 100m. For length in excess of 100m the figures will have to be recalculated in direct proportion to the additional length of line involved.
- If the power supply waveform continues to exhibit some distortion the recommended spacing in the table should be increased.
▷ If the lines are laid inside conduits then the following point must also be taken into account when grouping various lines together for introduction into the conduits
▷ Power lines(including power supply to air conditioner) and signal lines must not be laid inside the same
▷ In the same way, when grouping the lines power and signal lines should not be bunched together.

< ! > CAUTIONS

• If apparatus is not properly earthed then there is always a risk of electric shock, the grounding of the apparatus must be carried out by a qualified person.

6. Field Wiring

6.1 General Instruction

■ Wiring of Main Power Supply

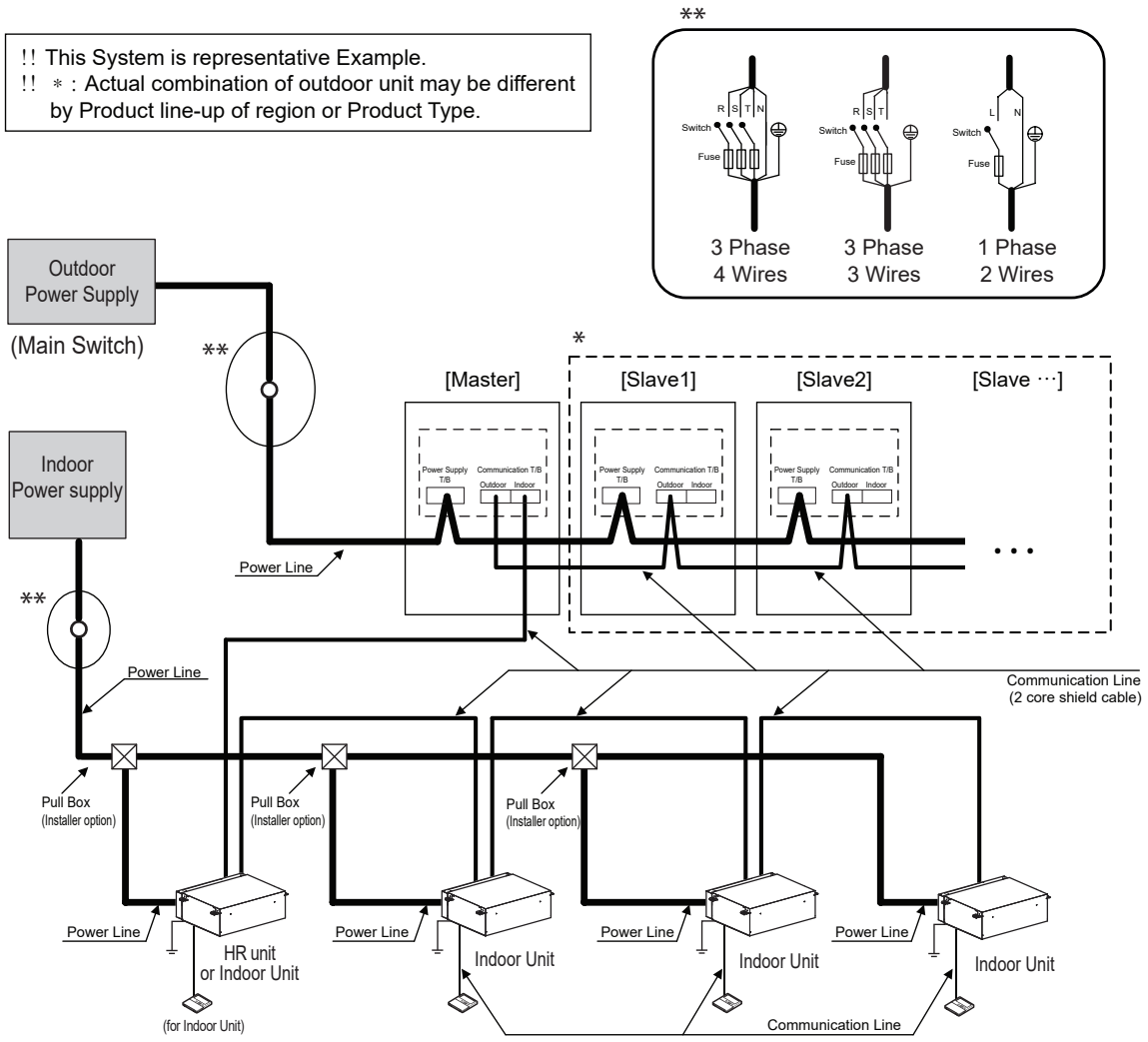
- Bear in mind ambient conditions (ambient temperature,direct sunlight, rain liquid,etc.) when proceeding with the wiring and connections
- The wire size is the minimum value for metal conduit wiring. The power cord size should be 1 rank thicker taking into account the line voltage drops. Make sure the power-supply voltage does not drop more than 10%.
- Specific wiring requirements should adhere to the wiring regulations of the region.
- Power supply cords of parts of appliances for outdoor use should not be lighter than polychloroprene sheathed flexible cord (design 60245 IEC57).
- Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.

< ! > WARNING

- Make sure to use specified wires for connections so that no external force is imparted to terminal connections. If connections are not fixed firmly, it may cause heating or fire.
- Make sure to use the appropriate type of overcurrent protection switch. Note that generated overcurrent may include some amount of direct current.
- All Installation site must require attachment of an earth leakage breaker. If no earth leakage breaker is installed, it may cause an electric shock.
- Do not use anything other than breaker and fuse with correct capacity. Using fuse and wire or copper wire with too large capacity may cause a malfunction of unit or fire.

6. Field Wiring

6.2 Schematic Diagram of Series wiring



■ Connecting Power and communication cable

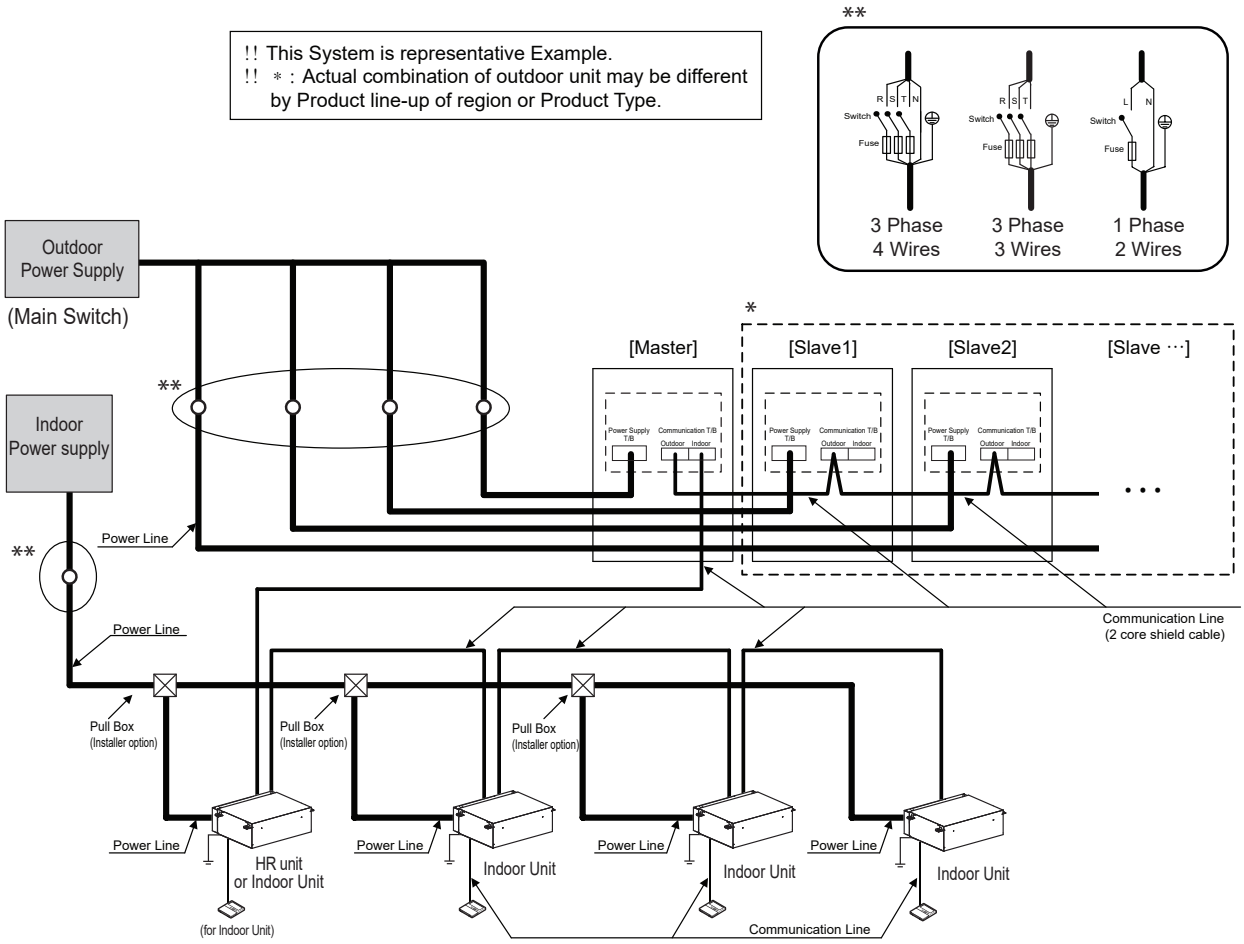
- Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, communication disorder by noise effect and motor current leakage (without connection to pipe).
- Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.
- If individual power supply is necessary for each indoor unit, MPM (Multi-tenant Power Module) should be applied at each indoor unit. (Optional Accessory)
- Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
- Running the product in reversed phase may break the compressor and other parts.

< ! > WARNING

- The First terminal block ampacity must be checked for single source series connection. The ampacity of First terminal block(of Master unit) must be over the total ampacity of connected outdoor units (Master and Slave units,ALL). Otherwise, the First terminal block could be burnt out.

6. Field Wiring

6.3 Schematic Diagram of Individual wiring



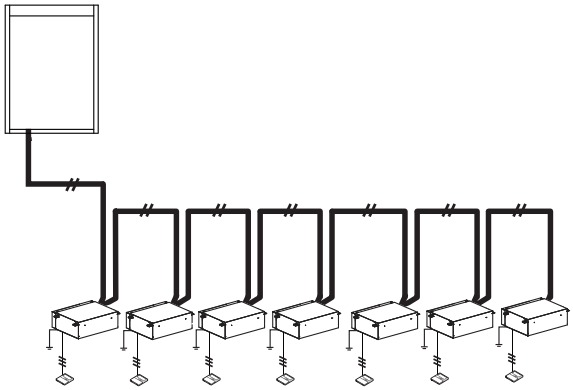
■ Connecting Power and Communication Cable

- Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, communication disorder by noise effect and motor current leakage (without connection to pipe).
- Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.
- If individual power supply is necessary for each indoor unit, MPM (Multi-tenant Power Module) should be applied at each indoor unit. (Optional Accessory)
- Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
- Running the product in reversed phase may break the compressor and other parts.

6. Field Wiring

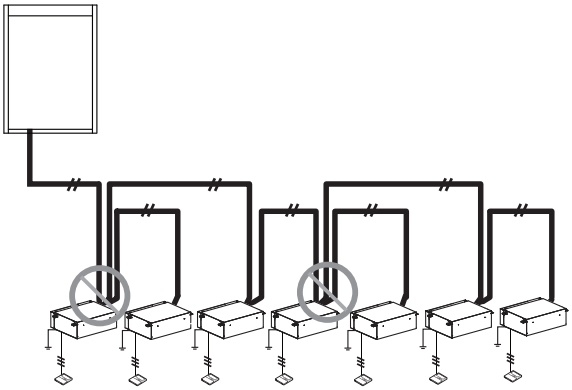
6.4 Example Connection of Communication Cable

BUS Type



Connection of communication cable must be installed like this figure between indoor unit to outdoor unit.

STAR Type



Abnormal operation can be caused by communication defect, when connection of communication cable is installed like below figure.



Air Solution

LG Electronics Inc, 128, Yeoui-daero,
Yeongdeungpo-gu, Seoul, Korea
(07336)

http://partner.lge.com

http://sedc.lge.com

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The air conditioners manufactured by LG have received ISO9001 certificate for quality assurance and ISO14001 certificate for environmental management system.
The specifications, designs, and information in this brochure are subject to change without notice.