SAMSUNG

VRF Technical Data Book

DVM S Eco for Europe (R410A, 50Hz, HP)

Model : AM✳✳✳**B**XMDEH/EU, AM✳✳✳**B**XMDGH/EU, AM✳✳✳**B**XM**W**GH/EU

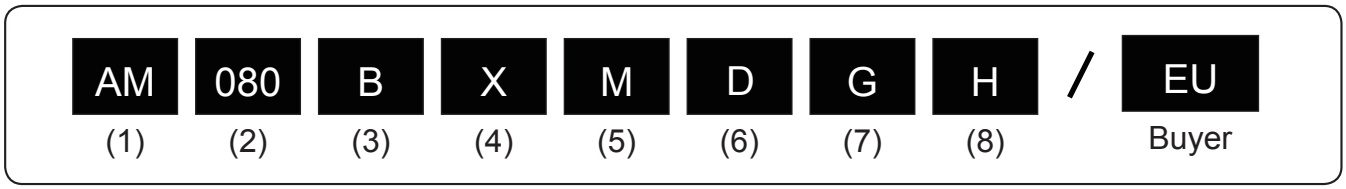
History

Version	Modification	Date	Remark
Ver.1.0	Released DVM S Eco HP TDB for Europe	‘22. 04. 13	
Ver.1.1	Modified the Dimensional Drawing pages	‘22. 11. 08	
Ver.1.2	Modified the Summary Page	‘23. 11. 28	

Nomenclature

Outdoor Units

Model Name



(1) Classification

AM	DVM

(2) Capacity

x 1/10 HP (3 digits)

(3) Version

B	2022

(4) Product Type

X	Outdoor Unit
N	Indoor Unit

(5) Product Notation

M	DVM S Eco

(6) Feature

A	Standard + General Temp.+ MODULE
H	High EER + Low Temp + Module
D,W	STANDARD+GENERAL Temp. + NON MODULE

(7) Rating Voltage

E	1Ø, 220~240V, 50Hz
G	3Ø, 380~415V, 50Hz
H	3Ø, 380V, 60Hz

(8) Mode

H	Heat Pump
R	Heat Recovery

Features & Benefits

Experience ultimate comfort at home or work with powerful yet economical performance

The VRF-based Samsung DVM S Eco system air conditioner combines world-class energy efficiency and economy to deliver outstanding performance in a space-saving design. Supporting up to nine indoor units, DVM S Eco is a perfectly optimized cooling system for residences and smaller buildings. Its lightweight, small-scale build enables easy, low-cost installation, while its uniquely quiet design ensures soothing comfort and maximum efficiency. Plus, the DVM S Eco line offers a wide range of capacities to suit every need.

Big capacity. Big choice.

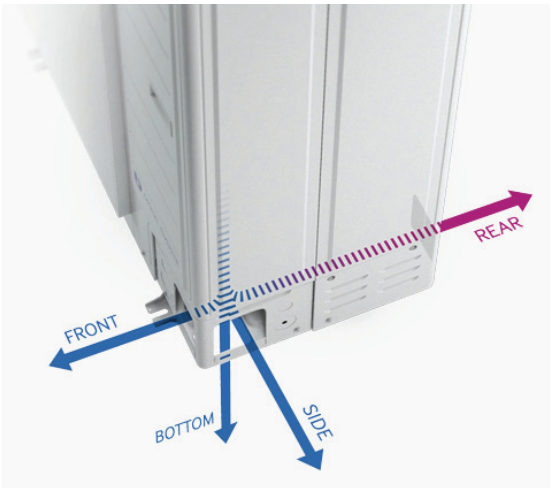
World's largest capacity and most compact side-discharge outdoor unit, which also offers a high level of energy efficiency. It's ideal for homes or business that need plenty of coverage, but only have limited space.

The Samsung DVM S Eco system air conditioner delivers optimal comfort, efficiency and performance with features such as:

- **First-rate energy efficiency.** Save on energy consumption and operational costs with high-performance compressor technology.
- **Low noise levels.** Enjoy a more peaceful home or work environment with quiet operation, thanks to a streamlined fan design.
- **Various installation options.** Ease installation and minimize effort with a small footprint and a variety of size options.

Connects more, fits more

Has a 4 way piping system, with connections at the front, side, and rear, and a 160m piping lenght, so it fits into many more places, including small or narrow spaces, and is easier to install and maintain.



Compact design for extra flexibility

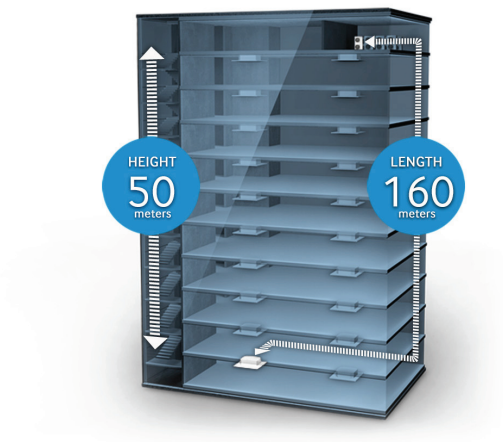
The most compact air conditioner in its class, making it very easy and economical to install and operate without compromising on performance. It also leaves plenty of extra space that can be used for other purposes.

Advanced performance & energy efficiency

Its advanced technology radically improves performance and reduces wasted energy. It includes an innovative Digital Inverter Compressor, an optimized heat exchanger with corrugated fins and highly efficient fans.

Flexibly install it almost anywhere

Provides the flexibility to be installed almost anywhere regardless of its location or distance from the building. It has a piping length of up to 160m (525ft) and can reach up to a height of 50m (164ft).



Features & Benefits

Improved reliability in cold conditions

Featuring advanced refrigerant control technology. its flash injection provides improved heating performance at -25°C. And it continues to perform even at lower temperatures, for reliable comfort when it's freezing.

Control your cooling anywhere

An optional Wi-Fi Kit lets you remotely control indoor units using a smartphone App*. Anytime and anywhere you can turn them on and off, select the operating mode and temperature. and utilize their other functions.

* Available on iPhones and Android devices. A Wi-Fi connection is required.

Drive down costs and energy use with unmatched efficiency

Samsung DVM S Eco delivers world-class energy efficiency for today's eco- and budget-conscious businesses. Using advanced compressor technology, it offers industry-leading COP, which means exceptional heating and cooling performance at a nominal cost.

Energy-efficient compression

DVM S Eco features innovative inverter compressor, which provides a higher cooling and heating COP than that of a conventional model. The result is one of the most efficient air conditioning systems on the market and a smart investment for cost-conscious businesses.

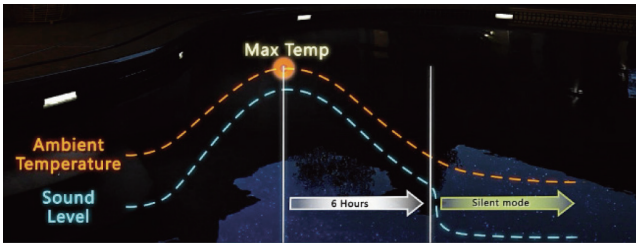
Enjoy minimal noise levels for maximum comfort

With its superior design, DVM S Eco offers a comforting environment undisturbed by bothersome noise levels typical of standard air conditioning systems. Residents can enjoy a more restful night and employees can increase focus levels with less disturbance.

Ultra-quiet operation

By producing less noise than conventional models, the DVM S ECO imposes fewer distractions on residential and working environments. Its compact, unimposing design and specially shaped fan blades help reduce sound levels up to 5 decibels, creating a more pleasant. Plus, its quiet operation during the night time creates a restful environment with a reduced noise level of 2 - 8 dB.

* Available in heating mode by external contact signal



Contents

1. Line up

Outdoor Units

Capacity (HP)		4, 5	8	10, 12
Shape				
Model	1phase	AM040BXMDEH/EU AM050BXMDEH/EU		
	3phase		AM080BXMDGH/EU AM080BXMWGH/EU	AM100BXMWGH/EU AM120BXMWGH/EU

2. Specification

Outdoor Units

Type				DVM S Eco	DVM S Eco
Model Name				AM040BXMDEH/EU	AM050BXMDEH/EU
Power Supply			Φ, #, V, Hz	2,2,220~240,50	2,2,220~240,50
Mode			-	HEAT PUMP	HEAT PUMP
Performance	HP		HP	4	5
	Capacity(Rated)	Cooling	kW	12.1	14.0
		Heating	kW	12.1	14.0
		Heating (Max.)	kW	12.5	16.0
Maximumnumber of connectable indoor units			EA	6	8
Total capacity of the connected indoorunits		Min.	kW	5.60	7.00
		Max.	kW	15.70	18.20
Power	Power Input	Cooling	kW	3.90	5.19
		Heating		3.23	4.12
		Heating (Max.)		3.42	5.23
	Current Input	Cooling	A	17.8	23.8
		Heating		14.8	18.9
		Heating (Max.)		15.7	23.9
	Minimum Ssc		MVA	Equipment complying with IEC61000-3-12	Equipment complying with IEC61000-3-12
	MCA		A	24.0	27.0
	MFA (MOP)		A	32.0	40.0
Energy Efficiency	Nominal Cooling		W/W	3.10	2.70
	Nominal Heating		W/W	3.75	3.40
	Nominal Heating (Max.)		W/W	3.65	3.06
	Ducted	SEER	W/W	7.30	7.00
		SCOP	W/W	4.20	4.40
		ηs,c	%	289.0	277.0
		ηs,h	%	165.0	173.0
	Non_Ducted	SEER	W/W	7.60	7.35
		SCOP	W/W	4.20	4.40
		ηs,c	%	301.0	291.0
		ηs,h	%	165.0	173.0
	Pdesignh		kW	6.80	7.00
Casing	Material	Body	-	GI Steel Plate	GI Steel Plate
		Base	-	GI Steel Plate	GI Steel Plate
Heat exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Anti-corrosion	Anti-corrosion
Compressor	Type		-	Twin BLDC Rotary	Twin BLDC Rotary
	Output		kW × n	4.04 x 1	4.04 x 1
	Model Name		-	UG5TK5450FJX x 1	UG5TK5450FJX x 1
	Oil	Type	-	PVE	PVE
		Initial charge	cc x n	1,700	1,700
Fan	Type		-	Propeller	Propeller
	Output x n		W	-	-
	Discharge direction		-	Horizontal	Horizontal
	Quantity		-	1	1
	Air Flow Rate		CMM	64	70
			l/s	1,067.0	1,167.0
	External Static Pressure	Max.	mmAq	3.0	3.0
			Pa	29.4	29.4
Fan Motor	Type		-	BLDC Motor	BLDC Motor
	Output x n		W x n	125 x 1	139x 1

2. Specification

Outdoor Units

Type				DVM S Eco	DVM S Eco
Model Name				AM040BXMDEH/EU	AM050BXMDEH/EU
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52
			Φ, inch	3/8"	3/8"
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	9.52 (3/8")	9.52 (3/8")
	Gas Pipe		Φ, mm	15.88	15.88
			Φ, inch	5/8"	5/8"
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	15.88 (5/8")	15.88 (5/8")
	Discharge Gas Pipe		Φ, mm	-	-
			Φ, inch	-	-
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	- (-)	- (-)
	Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes
	Piping length (ODU-IDU)	Max. [Equiv.]	m	50 (65)	50 (65)
	Piping length (1st Branch-IDU)	Max.	m	40	40
	Total piping length (System)	Max.	m	150	150
	Level difference (ODU in highest position)	Max.	m	30	30
	Level difference (IDU in highest position)	Max.	m	25	25
	Level difference (IDU-IDU)	Max.	m	15	15
Field Wiring	Transmission Cable	Min.	㎟	0.75	0.75
		Remark	-	F1, F2	F1, F2
	Power supply intake			Both IDU&ODU	Both IDU&ODU
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	2.0	2.5
			tCO_2e	4.18	5.22
Sound	Sound Pressure	Cooling	dB(A)	53	56
		Heating		56	58
	Sound Power			70	73
External Dimension	Net Weight		kg	79	84
	Shipping Weight		kg	85	89
	Net Dimensions (WxHxD)		mm	940 x 998 x 330	940 x 998 x 330
	Shipping Dimensions (WxHxD)		mm	1,009 x 1,124 x 419	1,009 x 1,124 x 419
Operating Temp. Range	Cooling		℃	-5.0 ~ 48.0 ℃	-5.0 ~ 48.0 ℃
	Heating		℃	-20.0 ~ 24.0 ℃	-20.0 ~ 24.0 ℃

NOTE

- Specifications may be subject to change without prior notice.
  1) Cooling capacities are based on;
     - Indoor temperature : 27°C DB, 19°C WB
     - Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  2) Heating capacities are based on;
     - Indoor temperature : 20°C DB, 15°C WB
     - Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  3) Select wire size based on the value of MCA
  4) Sound power level is an absolute value that a sound source generates.
     Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound values are obtain ed in an anechoic room. S ound values of multicomvinationare theoretical values based on sound results of individual installed units.
  5) These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.
- Recommended combination

* Casstte

Capacity	Indoor combination	Capacity	Indoor combination
4HP	3x AM028AN4PKH + 1x AM036AN4PKH	8HP	2x AM028AN4PKH + 1x AM036AN4PKH + 1x AM140AN4PKH
5HP	4x AM036AN4PKH	10HP	2x AM036AN4PKH + 1x AM090AN4PKH + 1x AM128AN4PKH
6HP	2x AM036AN4PKH + 2x AM045AN4PKH	12HP	2x AM028AN4PKH + 2x AM036AN4PKH + 1x AM090AN4PKH + AM128AN4PKH

* Ducted

Capacity	Indoor combination	Capacity	Indoor combination
4HP	3x AM028ANMPKH + 1x AM036ANMPKH	8HP	4x AM056ANHPKH
5HP	4x AM036ANMPKH	10HP	4x AM071ANHPKH
6HP	2x AM036ANMPKH + 2x AM045ANMPKH	12HP	6x AM056ANHPKH

2. Specification

Outdoor Units

Type				DVM S Eco	DVM S Eco
Model Name				AM080BXMDGH/EU	AM080BXMWGH/EU
Power Supply			Φ, #, V, Hz	3,4,380~415,50	3,4,380~415,50
Mode			-	HEAT PUMP	HEAT PUMP
Performance	HP		HP	8	8
	Capacity(Rated)	Cooling	kW	22.4	22.4
		Heating	kW	22.4	22.4
		Heating (Max.)	kW	25.0	25.0
Maximumnumber of connectable indoor units			EA	13	13
Total capacity of the connected indoorunits		Min.	kW	11.20	11.20
		Max.	kW	29.10	29.10
Power	Power Input	Cooling	kW	10.98	9.96
		Heating		6.40	5.89
		Heating (Max.)		7.79	7.18
	Current Input	Cooling	A	17.2	15.6
		Heating		10.0	9.2
		Heating (Max.)		12.2	11.3
	Minimum Ssc		MVA	3.4	3.4
	MCA		A	18.4	18.0
	MFA (MOP)		A	25.0	25.0
Energy Efficiency	Nominal Cooling		W/W	2.04	2.25
	Nominal Heating		W/W	3.50	3.80
	Nominal Heating (Max.)		W/W	3.21	3.48
	Ducted	SEER	W/W	5.75	6.05
		SCOP	W/W	4.20	4.20
		ηs,c	%	227.0	239.0
		ηs,h	%	165.0	165.0
	Non_Ducted	SEER	W/W	6.00	6.30
		SCOP	W/W	4.25	4.25
		ηs,c	%	237.0	249.0
		ηs,h	%	167.0	167.0
	Pdesignh		kW	11.20	12.00
Casing	Material	Body	-	GI Steel Plate	GI Steel Plate
		Base	-	GI Steel Plate	GI Steel Plate
Heat exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Anti-corrosion	Anti-corrosion
Compressor	Type		-	Twin BLDC Rotary	Scroll Inverter
	Output		kW × n	4.78 x 1	5.18 x 1
	Model Name		-	UG5T520FUBJX	DS-GB052FAVB
	Oil	Type	-	PVE	PVE
		Initial charge	cc x n	1,700	1,100
Fan	Type		-	Propeller	Propeller
	Output x n		W	-	-
	Discharge direction		-	Horizontal	Horizontal
	Quantity		-	1	2
	Air Flow Rate		CMM	135	135
			l/s	2,250.0	2,250.0
	External Static Pressure	Max.	mmAq	3.0	3.0
			Pa	29.4	29.4
Fan Motor	Type		-	BLDC Motor	BLDC Motor
	Output x n		W x n	139x 2	139x 2

2. Specification

Outdoor Units

Type				DVM S Eco	DVM S Eco
Model Name				AM080BXMDGH/EU	AM080BXMWGH/EU
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52
			Φ, inch	3/8"	3/8"
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	9.52 (3/8")	9.52 (3/8")
	Gas Pipe		Φ, mm	19.05	19.05
			Φ, inch	3/4"	3/4"
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	19.05 (3/4")	19.05 (3/4")
	Discharge Gas Pipe		Φ, mm	-	-
			Φ, inch	-	-
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	- (-)	- (-)
	Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes
	Piping length (ODU-IDU)	Max. [Equiv.]	m	100 (130)	100 (130)
	Piping length (1st Branch-IDU)	Max.	m	40	40
	Total piping length (System)	Max.	m	300	300
	Level difference (ODU in highest position)	Max.	m	30	50
	Level difference (IDU in highest position)	Max.	m	30	40
	Level difference (IDU-IDU)	Max.	m	30	50
Field Wiring	Transmission Cable	Min.	㎟	0.75	0.75
		Remark	-	F1, F2	F1, F2
	Power supply intake			Both IDU&ODU	Both IDU&ODU
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	3.7	3.7
			tCO_2e	7.73	7.73
Sound	Sound Pressure	Cooling	dB(A)	58	58
		Heating		59	59
	Sound Power			73	73
External Dimension	Net Weight		kg	115	135
	Shipping Weight		kg	125	145
	Net Dimensions (WxHxD)		mm	940 x 1,420 x 330	940 x 1,420 x 330
	Shipping Dimensions (WxHxD)		mm	995 x 1,578 x 426	995 x 1,578 x 426
Operating Temp. Range	Cooling		℃	-5.0 ~ 48.0 ℃	-5.0 ~ 48.0 ℃
	Heating		℃	-20.0 ~ 24.0 ℃	-20.0 ~ 24.0 ℃

NOTE

- Specifications may be subject to change without prior notice.
  1) Cooling capacities are based on;
     - Indoor temperature : 27°C DB, 19°C WB
     - Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  2) Heating capacities are based on;
     - Indoor temperature : 20°C DB, 15°C WB
     - Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  3) Select wire size based on the value of MCA
  4) Sound power level is an absolute value that a sound source generates.
     Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound values are obtain ed in an anechoic room. S ound values of multicomvinationare theoretical values based on sound results of individual installed units.
  5) These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.
- Recommended combination

* Casstte

Capacity	Indoor combination	Capacity	Indoor combination
4HP	3x AM028AN4PKH + 1x AM036AN4PKH	8HP	2x AM028AN4PKH + 1x AM036AN4PKH + 1x AM140AN4PKH
5HP	4x AM036AN4PKH	10HP	2x AM036AN4PKH + 1x AM090AN4PKH + 1x AM128AN4PKH
6HP	2x AM036AN4PKH + 2x AM045AN4PKH	12HP	2x AM028AN4PKH + 2x AM036AN4PKH + 1x AM090AN4PKH + AM128AN4PKH

* Ducted

Capacity	Indoor combination	Capacity	Indoor combination
4HP	3x AM028ANMPKH + 1x AM036ANMPKH	8HP	4x AM056ANHPKH
5HP	4x AM036ANMPKH	10HP	4x AM071ANHPKH
6HP	2x AM036ANMPKH + 2x AM045ANMPKH	12HP	6x AM056ANHPKH

2. Specification

Outdoor Units

Type				DVM S Eco	DVM S Eco
Model Name				AM100BXMWGH/EU	AM120BXMWGH/EU
Power Supply			Φ, #, V, Hz	3,4,380~415,50	3,4,380~415,50
Mode			-	HEAT PUMP	HEAT PUMP
Performance	HP		HP	10	12
	Capacity(Rated)	Cooling	kW	28.0	33.6
		Heating	kW	28.0	33.6
		Heating (Max.)	kW	31.5	37.5
Maximumnumber of connectable indoor units			EA	18	21
Total capacity of the connected indoorunits		Min.	kW	14.00	16.80
		Max.	kW	36.40	43.60
Power	Power Input	Cooling	kW	12.73	14.30
		Heating		7.78	9.21
		Heating (Max.)		9.60	11.21
	Current Input	Cooling	A	20.0	22.4
		Heating		12.2	14.4
		Heating (Max.)		15.1	17.6
	Minimum Ssc		MVA	4.6	5.1
	MCA		A	21.5	23.5
	MFA (MOP)		A	30.0	30.0
Energy Efficiency	Nominal Cooling		W/W	2.20	2.35
	Nominal Heating		W/W	3.60	3.65
	Nominal Heating (Max.)		W/W	3.28	3.35
	Ducted	SEER	W/W	6.30	6.30
		SCOP	W/W	4.20	4.60
		ηs,c	%	249.0	249.0
		ηs,h	%	165.0	181.0
	Non_Ducted	SEER	W/W	6.40	6.50
		SCOP	W/W	4.15	4.50
		ηs,c	%	253.0	257.0
		ηs,h	%	163.0	177.0
	Pdesignh		kW	19.60	23.50
Casing	Material	Body	-	GI Steel Plate	GI Steel Plate
		Base	-	GI Steel Plate	GI Steel Plate
Heat exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Anti-corrosion	Anti-corrosion
Compressor	Type		-	Scroll Inverter	Scroll Inverter
	Output		kW × n	6.39 x 1	6.39 x 1
	Model Name		-	DS-GB066FAVB	DS-GB066FAVB
	Oil	Type	-	PVE	PVE
		Initial charge	cc x n	1,100	1,100
Fan	Type		-	Propeller	Propeller
	Output x n		W	-	-
	Discharge direction		-	Horizontal	Horizontal
	Quantity		-	2	2
	Air Flow Rate		CMM	165	166
			l/s	2,750.0	2,766.7
	External Static Pressure	Max.	mmAq	3.0	3.0
			Pa	29.4	29.4
Fan Motor	Type		-	BLDC Motor	BLDC Motor
	Output x n		W x n	244 x 2	244 x 2

2. Specification

Outdoor Units

Type				DVM S Eco	DVM S Eco
Model Name				AM100BXMWGH/EU	AM120BXMWGH/EU
Piping Connections	Liquid Pipe		Φ, mm	9.52	12.70
			Φ, inch	3/8"	1/2"
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	9.52 (3/8")	12.70 (1/2")
	Gas Pipe		Φ, mm	22.22	28.58
			Φ, inch	7/8"	11/8"
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	22.22 (7/8")	28.58 (11/8")
	Discharge Gas Pipe		Φ, mm	-	-
			Φ, inch	-	-
			Type	Braze Connection	Braze Connection
			Φ, mm(inch)	- (-)	- (-)
	Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes
	Piping length (ODU-IDU)	Max. [Equiv.]	m	160 (185)	160 (185)
	Piping length (1st Branch-IDU)	Max.	m	40	40
	Total piping length (System)	Max.	m	300	300
	Level difference (ODU in highest position)	Max.	m	50	50
	Level difference (IDU in highest position)	Max.	m	40	40
	Level difference (IDU-IDU)	Max.	m	50	50
Field Wiring	Transmission Cable	Min.	㎟	0.75	0.75
		Remark	-	F1, F2	F1, F2
	Power supply intake			Both IDU&ODU	Both IDU&ODU
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	4.3	4.8
			tCO_2e	8.98	10.02
Sound	Sound Pressure	Cooling	dB(A)	58	60
		Heating		64	64
	Sound Power			74	76
External Dimension	Net Weight		kg	155	162
	Shipping Weight		kg	168	175
	Net Dimensions (WxHxD)		mm	940 x 1,630 x 460	940 x 1,630 x 460
	Shipping Dimensions (WxHxD)		mm	1,020 x 1,820 x 575	1,020 x 1,820 x 575
Operating Temp. Range	Cooling		℃	-5.0 ~ 52.0	-5.0 ~ 52.0
	Heating		℃	-25.0 ~ 24.0	-25.0 ~ 24.0

NOTE

- Specifications may be subject to change without prior notice.
  1) Cooling capacities are based on;
     - Indoor temperature : 27°C DB, 19°C WB
     - Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  2) Heating capacities are based on;
     - Indoor temperature : 20°C DB, 15°C WB
     - Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m
  3) Select wire size based on the value of MCA
  4) Sound power level is an absolute value that a sound source generates.
     Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound values are obtain ed in an anechoic room. S ound values of multicomvinationare theoretical values based on sound results of individual installed units.
  5) These products contain R410A(GWP=2,088) which is fluorinated greenhouse gas.
- Recommended combination

* Casstte

Capacity	Indoor combination	Capacity	Indoor combination
4HP	3x AM028AN4PKH + 1x AM036AN4PKH	8HP	2x AM028AN4PKH + 1x AM036AN4PKH + 1x AM140AN4PKH
5HP	4x AM036AN4PKH	10HP	2x AM036AN4PKH + 1x AM090AN4PKH + 1x AM128AN4PKH
6HP	2x AM036AN4PKH + 2x AM045AN4PKH	12HP	2x AM028AN4PKH + 2x AM036AN4PKH + 1x AM090AN4PKH + AM128AN4PKH

* Ducted

Capacity	Indoor combination	Capacity	Indoor combination
4HP	3x AM028ANMPKH + 1x AM036ANMPKH	8HP	4x AM056ANHPKH
5HP	4x AM036ANMPKH	10HP	4x AM071ANHPKH
6HP	2x AM036ANMPKH + 2x AM045ANMPKH	12HP	6x AM056ANHPKH

3. Electrical Characteristics

Capacity		Model	Power Supply				Voltage Range		Running Current [A]		Current [A]		ODU Fan Motor
HP	kW		Φ	#	Hz	Voltage	Min. (-10%)	Max. (+10%)	Cooling	Heating	MCA	MFA	kW
4	12.1	AM040BXMDEH/EU	1	2	50	220~240	198	264	17.80	14.80	24.0	32.0	0.125
5	14.0	AM050BXMDEH/EU	1	2	50	220~240	198	264	23.80	18.90	27.0	40.0	0.139
8	22.4	AM080BXMDGH/EU	3	4	50	380~415	342	456	17.20	10.00	18.4	25.0	0.278
8	22.4	AM080BXMWGH/EU	3	4	50	380~415	342	456	15.60	9.20	18.0	25.0	0.278
10	28.0	AM100BXMWGH/EU	3	4	50	380~415	342	456	20.00	12.20	21.5	30.0	0.488
12	33.6	AM120BXMWGH/EU	3	4	50	380~415	342	456	22.40	14.40	23.5	30.0	0.488

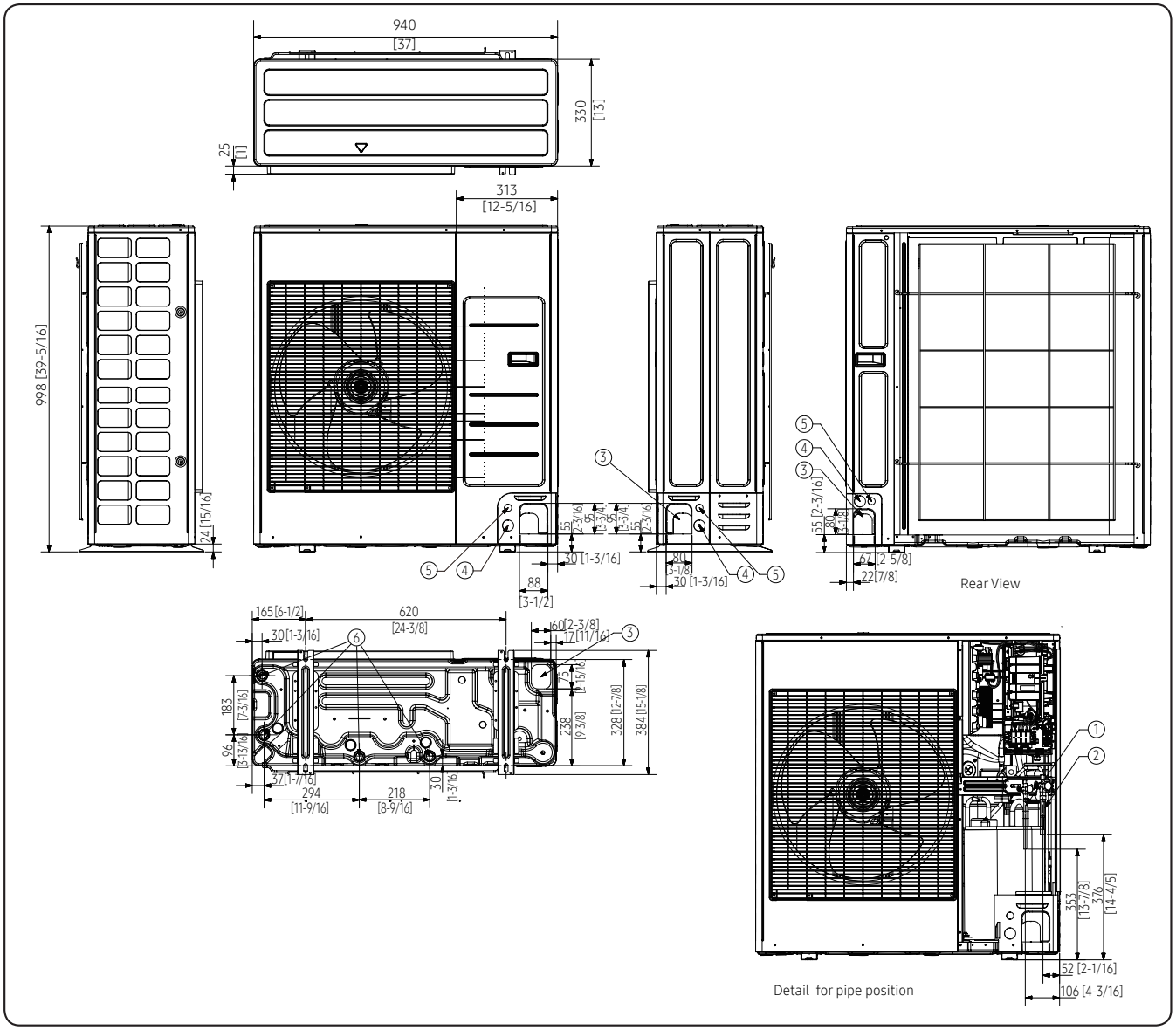
NOTE

- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- Select wire size based on the value of MCA

4. Dimensional Drawing

AM040BXMDEH/EU, AM050BXMDEH/EU

Units : mm [inches]

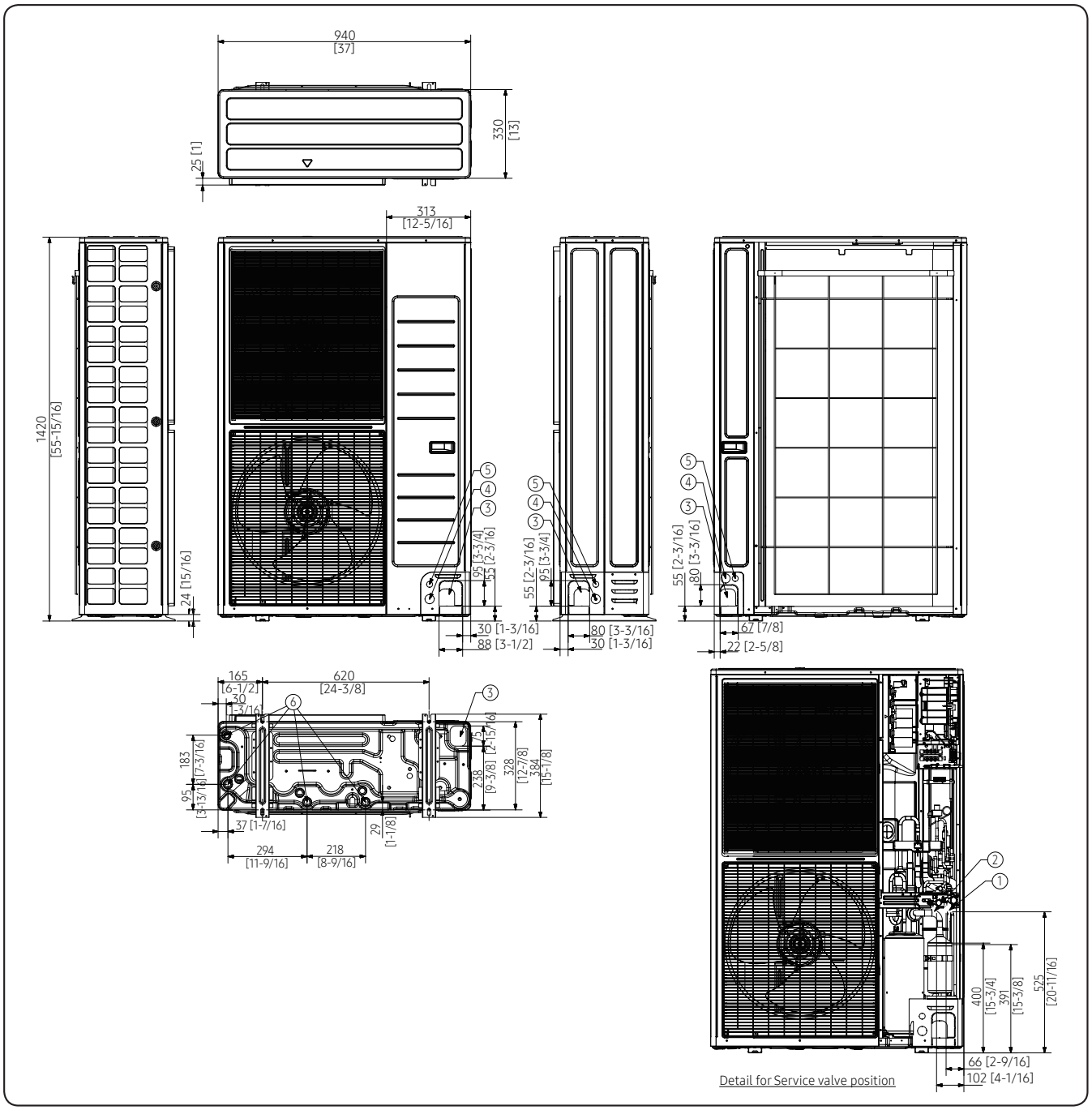


NO	Name	Description
		4 / 5 HP
1	Refrigerant liquid pipe	Φ9.52 (Φ3/8)
2	Refrigerant gas pipe	Φ15.88 (Φ5/8)
3	Knockout hole for pipe intake	Front / Side / Rear / Bottom
4	Power wiring conduits	Front / Side / Rear, Φ34 (Φ1-3/8)
5	Communication wiring conduits	Front / Side / Rear, Φ22 (Φ7/8)
6	Drain holes	Connect with the provided drain plug.

4. Dimensional Drawing

AM080BXMDGH/EU, AM080BXMWGH/EU

Units : mm [inches]

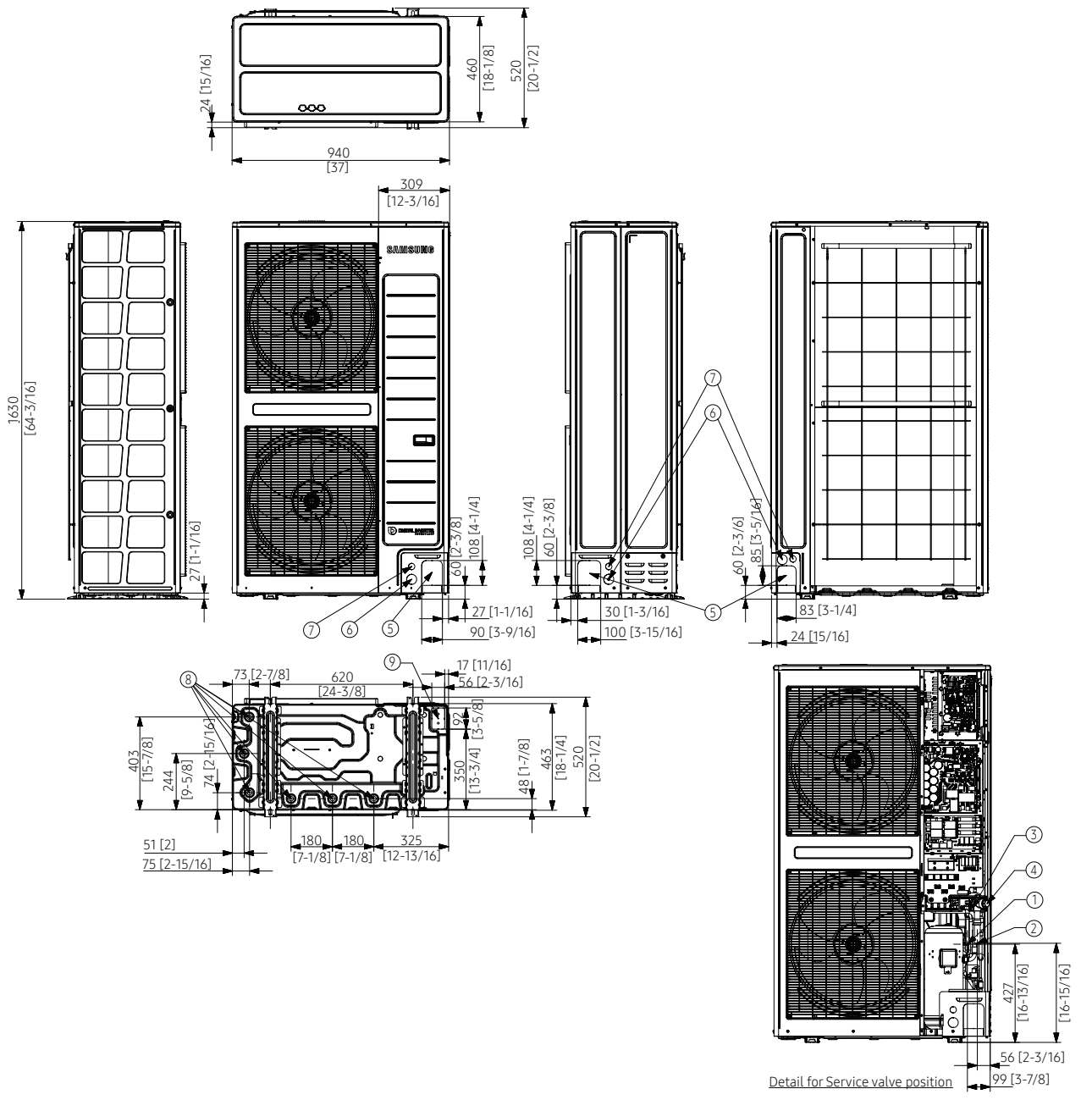


NO	Name	Description
1	Refrigerant gas pipe	Φ19.05 (Φ3/4)
2	Refrigerant liquid pipe	Φ9.52 (Φ3/8)
3	Knockout hole for pipe intake	Front / Side / Rear / Bottom
4	Power wiring conduits	Front / Side / Rear, Φ34 (Φ1-3/8)
5	Communication wiring conduits	Front / Side / Rear, Φ22 (Φ7/8)
6	Drain holes	Connect with the provided drain plug.

4. Dimensional Drawing

AM100BXMWGH/EU, AM120BXMWGH/EU

Units : mm [inches]

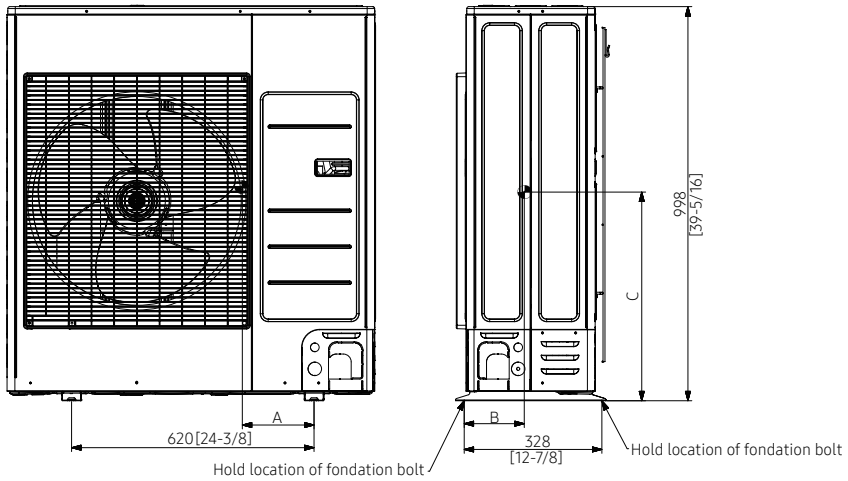


NO	Name	Description	
		10 HP	12 HP
1	Refrigerant liquid pipe	Φ9.52 (Φ3/8)	Φ12.7 (Φ1/2)
2	Refrigerant gas pipe	Φ22.22 (Φ7/8)	Φ28.58 (Φ1-1/8)
3	Service Valve (Gas)		
4	Service Valve (Liquid)		
5	Knockout hole for pipe intake	Front / Side / Rear	
6	Power wiring conduits	Φ44 (Φ1-3/4)	
7	Communication wiring conduits	Φ28 (Φ1-1/8)	
8	Drain holes	Connect with the provided drain plug.	
9	Knockout hole for pipe intake	Bottom	

5. Center of Gravity

AM040BXMDEH/EU, AM050BXMDEH/EU

Units : mm [inches]

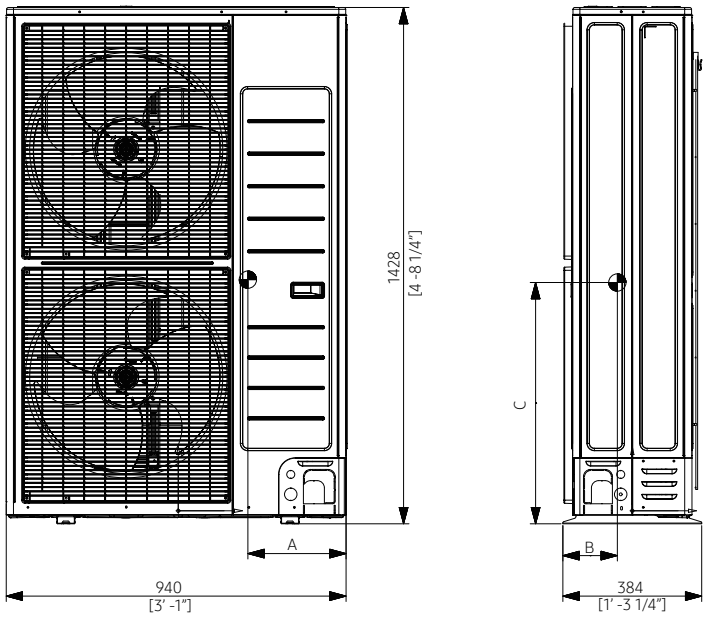


Model	A	B	C
AM040BXMD✕H✕✕	205	160	445
AM050BXMD✕H✕✕	205	160	445

5. Center of Gravity

AM080BXM✳GH/EU

Units : mm [inches]

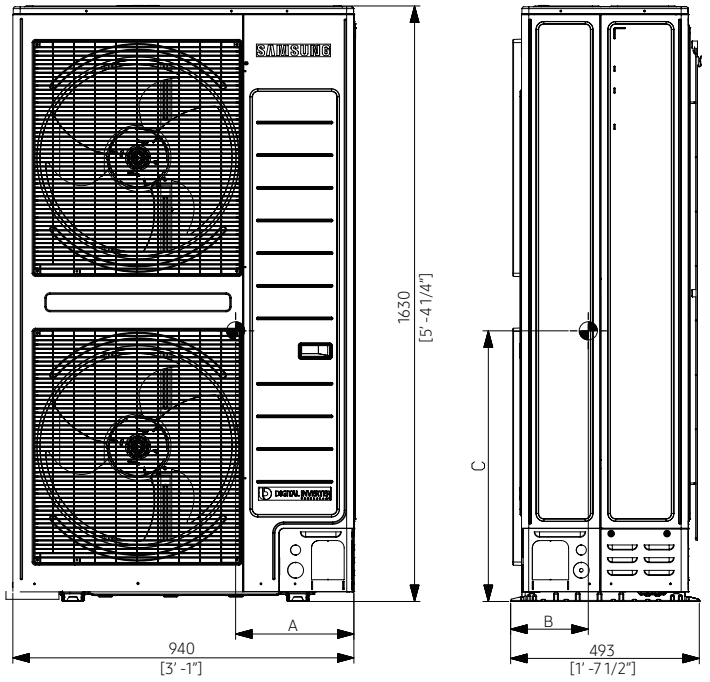


Model	A	B	C
AM080BXMDGH/EU	363	168	653

5. Center of Gravity

AM100BXMWGH/EU, AM120BXMWGH/EU

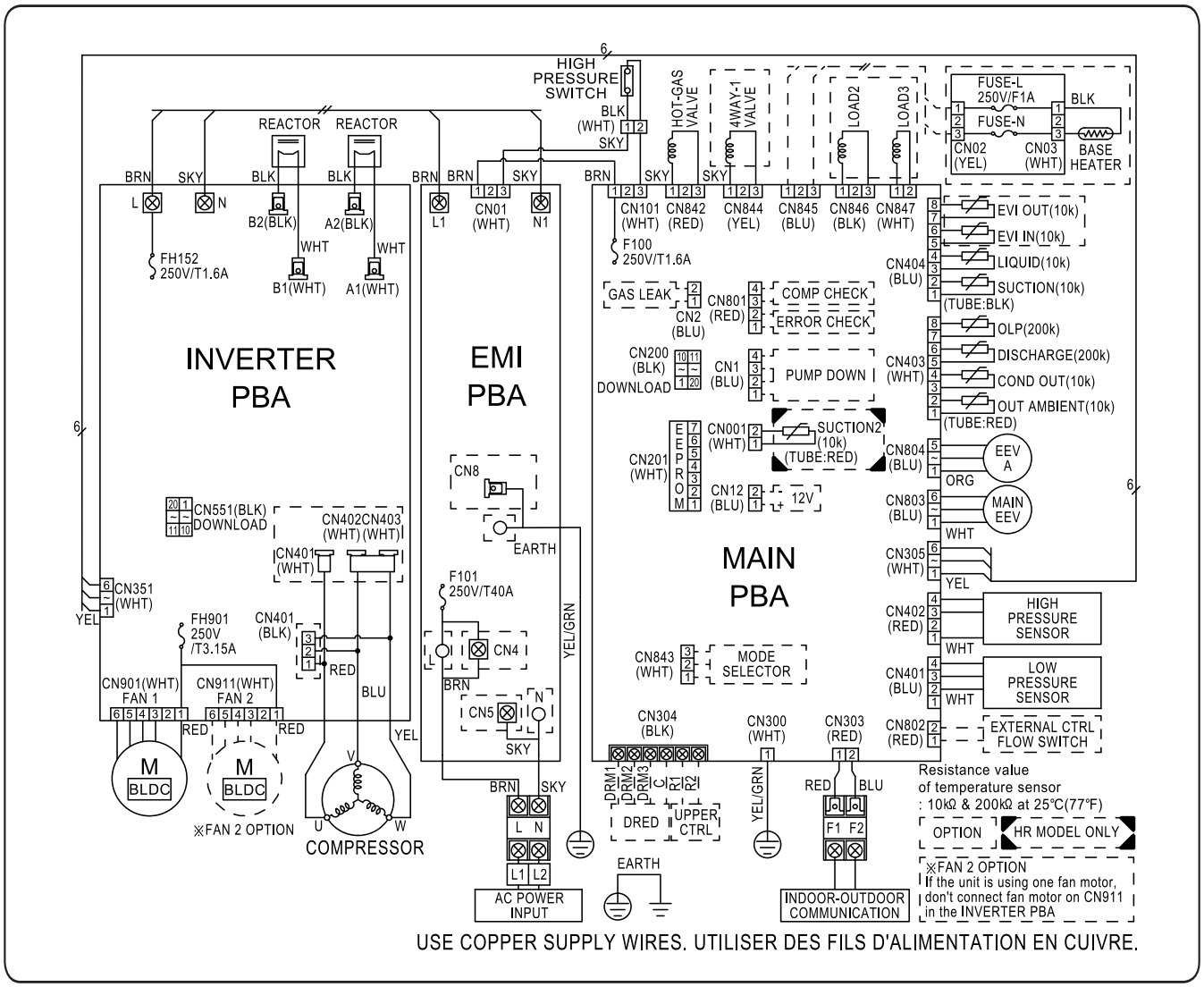
Units : mm [inches]



Model	A	B	C
AM100BXMWGH/EU	336	214	746
AM120BXMWGH/EU	336	214	746
AM140KXMDGH/EU	336	214	746

6. Electrical Wiring Diagram

AM040BXMDEH/EU



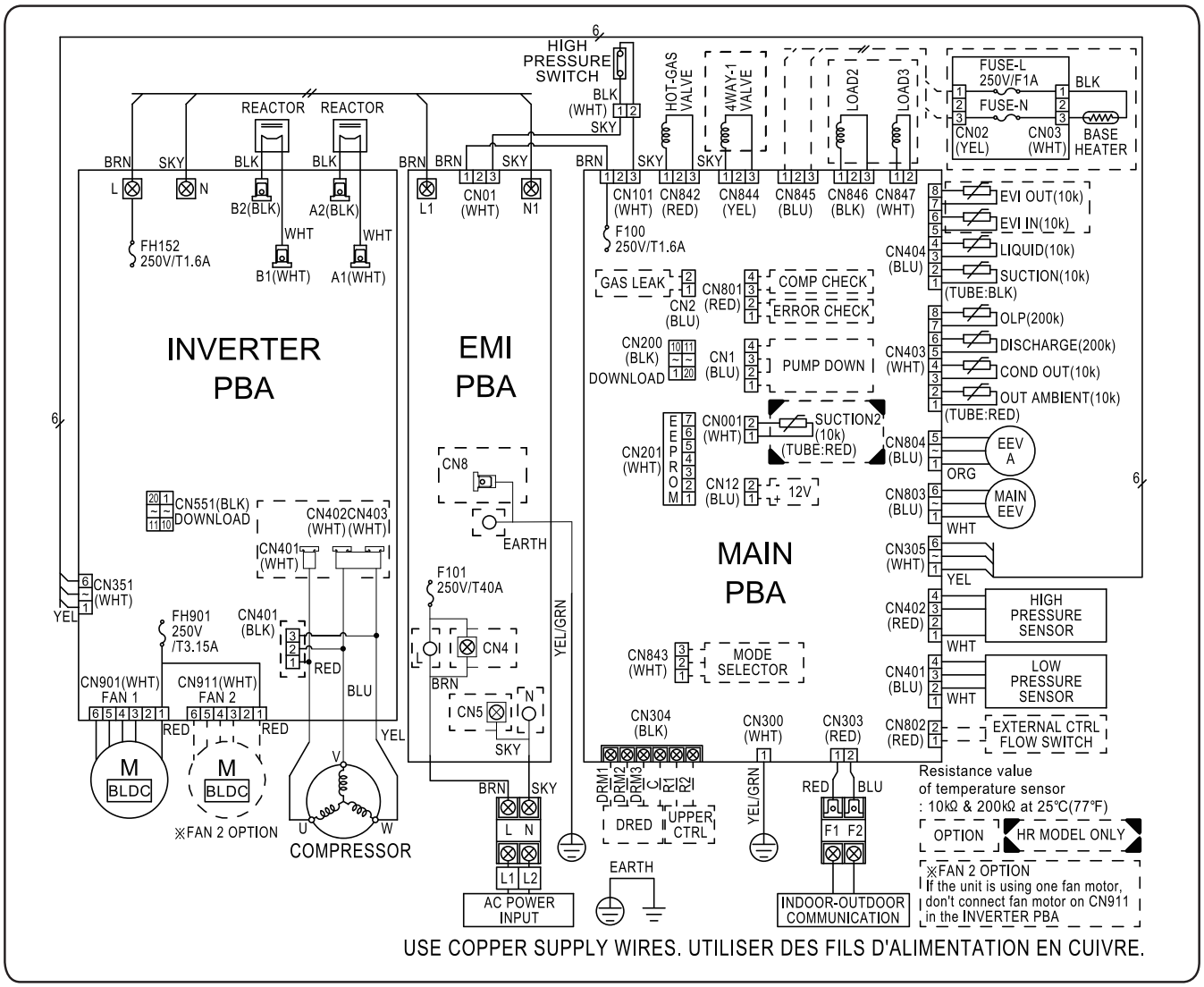
MAIN PCB	Printed circuit board (Main)	4WAY-1 VALVE	Solenoid valve (4WAY)	OLP-TEMP	Thermistor (Liquid)
INVERTER PCB	Printed circuit board (Inverter)	4WAY-2 VALVE	Solenoid valve (4WAY)	DISCHARGE-TEMP	Thermistor (Discharge)
EMI PCB	Printed circuit board (emi1)	EEV	Electronic expansion valve	COND-TEMP	Thermistor (Liquid)
COMP	Motor (Compressor)	HOTGAS VALVE	Solenoid valve (Hotgas-bypass)	LIQUID TEMP	Thermistor (Liquid)
BLDC	Motor (ODU Fan)	HOTGAS VALVE	Solenoid valve (Hotgas-bypass)	OUT-TEMP	Thermistor (Air)
REACTOR	DC_Reactor	250V T40A	FUSE		

NOTE

- This wiring diagram applies only to the outdoor unit.
- Colors blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, org: orange, grn: green
- When operating, don't shortcircuit the protection device (High Pressure switch)
- For connection wiring indoor-outdoor transmission F1-F2, outdoor-outdoor transmission OF1-OF2, refer to the installation manual.
- Protective earth(SCREW), : connector, : The wire quantity

6. Electrical Wiring Diagram

AM050BXMDEH/EU



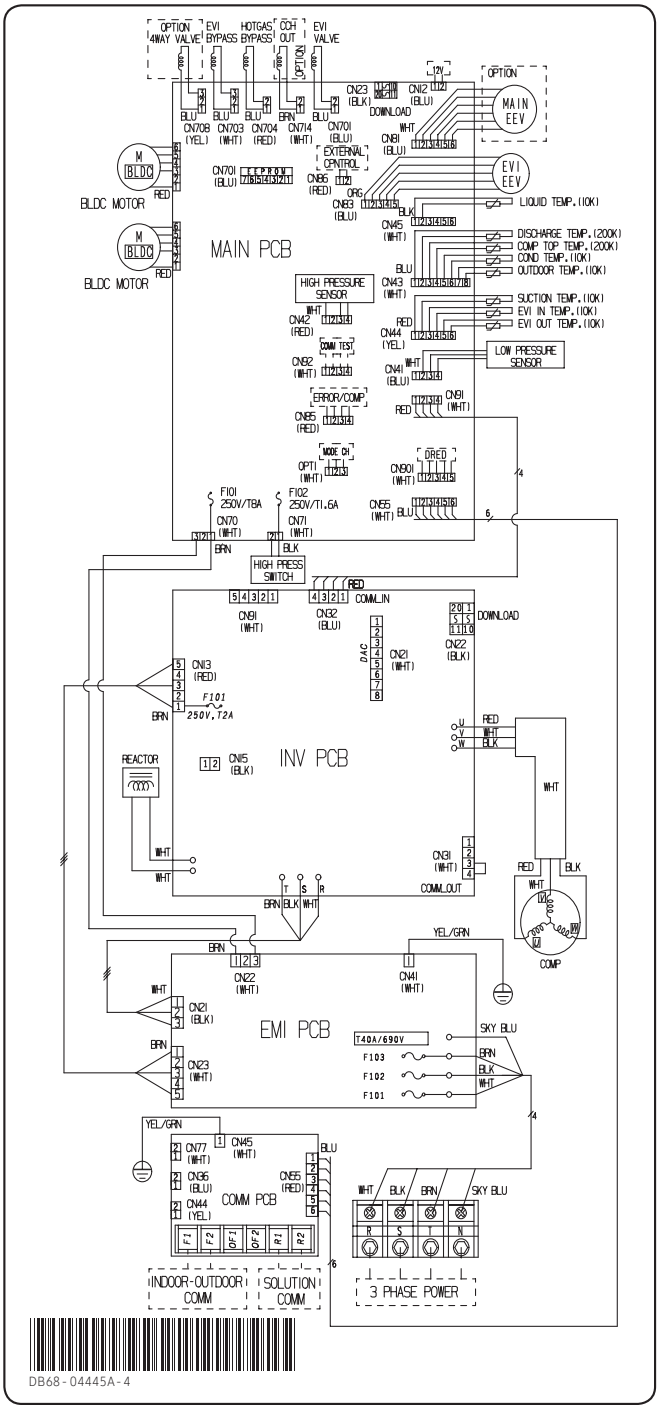
MAIN PCB	Printed circuit board (Main)	4WAY-1 VALVE	Solenoid valve (4WAY)	OLP-TEMP	Thermistor (Liquid)
INVERTER PCB	Printed circuit board (Inverter)	4WAY-2 VALVE	Solenoid valve (4WAY)	DISCHARGE-TEMP	Thermistor (Discharge)
EMI PCB	Printed circuit board (emi1)	EEV	Electronic expansion valve	COND-TEMP	Thermistor (Liquid)
COMP	Motor (Compressor)	HOTGAS VALVE	Solenoid valve (Hotgas-bypass)	LIQUID TEMP	Thermistor (Liquid)
BLDC	Motor (ODU Fan)	HOTGAS VALVE	Solenoid valve (Hotgas-bypass)	OUT-TEMP	Thermistor (Air)
REACTOR	DC_Reactor	500V T25A	FUSE		

NOTE

- This wiring diagram applies only to the outdoor unit.
- Colors blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, org: orange, grn: green
- When operating, don't shortcircuit the protection device (High Pressure switch)
- For connection wiring indoor-outdoor transmission F1-F2, outdoor-outdoor transmission OF1-OF2, refer to the installation manual.
- Protective earth(SCREW), : connector, : The wire quantity

6. Electrical Wiring Diagram

AM080BXMWGH/EU



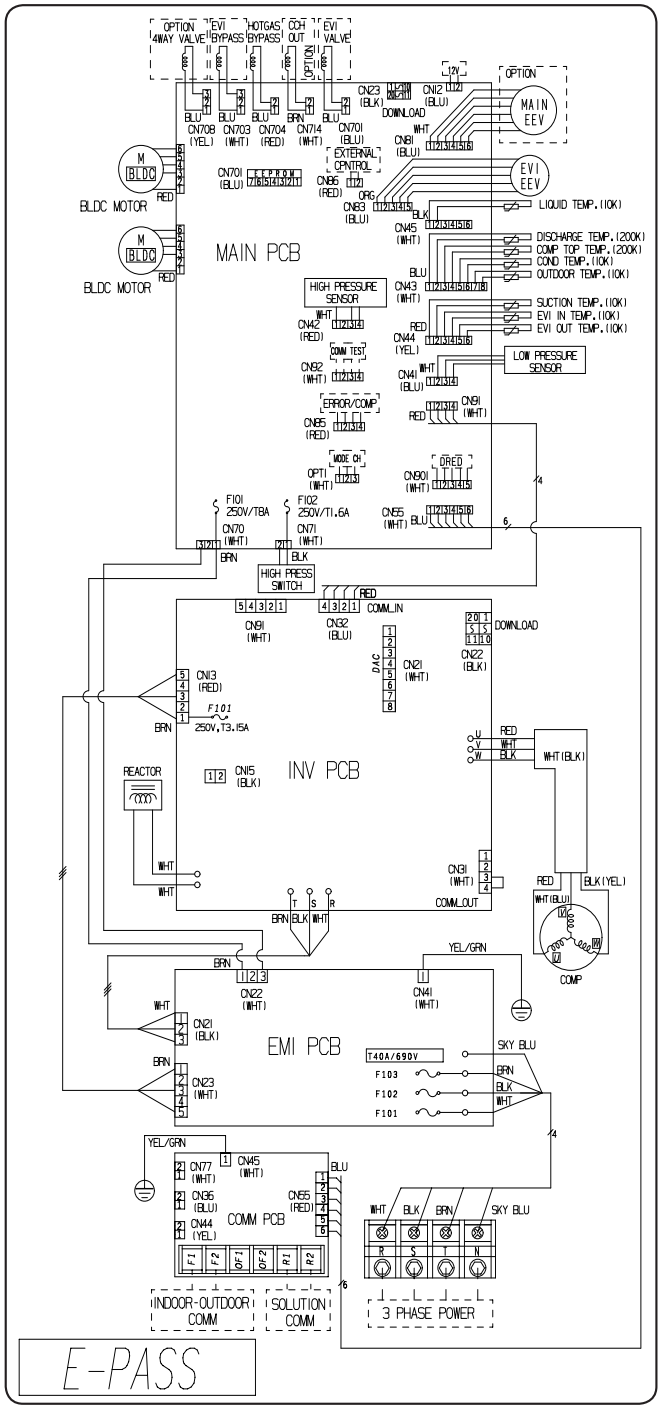
MAIN BOARD	Printed circuit board (Main)
INV PCB	Printed circuit board (Inverter)
EMI PCB	Printed circuit board (emi1)
COMM PCB	Printed circuit board (Communication)
COMP	Motor (Compressor)
BLDC MOTOR	Motor (ODU Fan)
REACTOR	DC_Reactor
4WAY VALVE	Solenoid valve (4WAY)
EVI BYPASS	Solenoid valve (EVI-bypass)
HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)
CCH OUT	Crank Case Heater (Compressor)
EVI BYPASS	Solenoid valve (EVI-bypass)
HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)
CCH OUT	Crank Case Heater (Compressor)
EVI VALVE	Solenoid valve (EVI)
MAIN EEV	Electronic expansion valve (Main cooling)
EVI EEV	Electronic expansion valve (EVI)
HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)
CCH OUT	Crank Case Heater (Compressor)
EVI BYPASS	Solenoid valve (EVI-bypass)
HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)
CCH OUT	Crank Case Heater (Compressor)
EVI VALVE	Solenoid valve (EVI)
MAIN EEV	Electronic expansion valve (Main cooling)
EVI EEV	Electronic expansion valve (EVI)

NOTE

- This wiring diagram applies only to the outdoor unit.
- Colors blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, org: orange, grn: green
- When operating, don't shortcircuit the protection device (High Pressure switch)
- For connection wiring indoor-outdoor transmission F1-F2, outdoor-outdoor transmission OF1-OF2, refer to the installation manual.
- ⏚ Protective earth(SCREW), ▭▭▭ : connector, N : The wire quantity

6. Electrical Wiring Diagram

AM080BXMDGH/EU



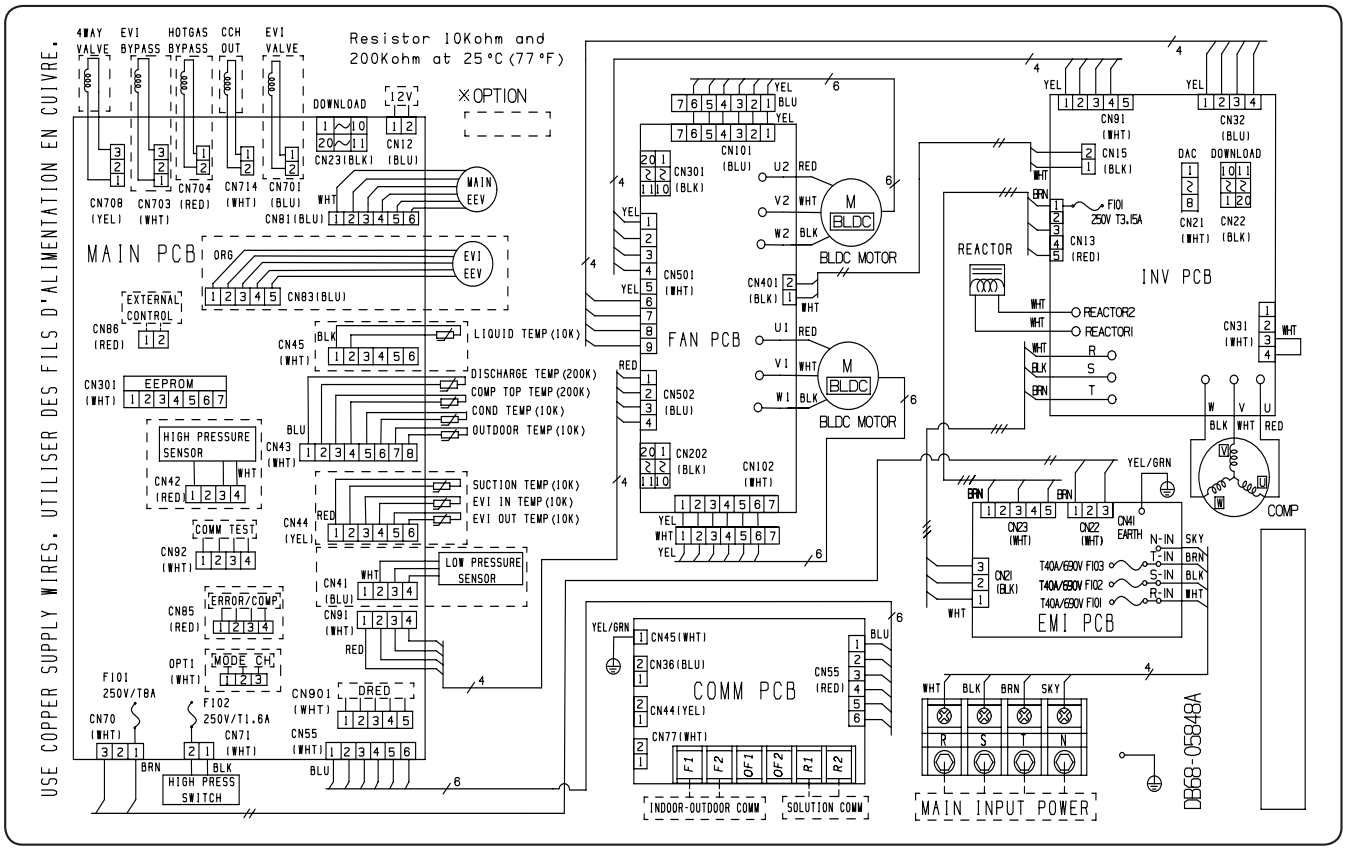
MAIN BOARD	Printed circuit board (Main)
INV PCB	Printed circuit board (Inverter)
EMI PCB	Printed circuit board (emi1)
COMM PCB	Printed circuit board (Communication)
COMP	Motor (Compressor)
BLDC MOTOR	Motor (ODU Fan)
REACTOR	DC_Reactor
4WAY VALVE	Solenoid valve (4WAY)
EVI BYPASS	Solenoid valve (EVI-bypass)
HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)
CCH OUT	Crank Case Heater (Compressor)
EVI BYPASS	Solenoid valve (EVI-bypass)
HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)
CCH OUT	Crank Case Heater (Compressor)
EVI VALVE	Solenoid valve (EVI)
MAIN EEV	Electronic expansion valve (Main cooling)
EVI EEV	Electronic expansion valve (EVI)
HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)
CCH OUT	Crank Case Heater (Compressor)
EVI BYPASS	Solenoid valve (EVI-bypass)
HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)
CCH OUT	Crank Case Heater (Compressor)
EVI VALVE	Solenoid valve (EVI)
MAIN EEV	Electronic expansion valve (Main cooling)
EVI EEV	Electronic expansion valve (EVI)

NOTE

- This wiring diagram applies only to the outdoor unit.
- Colors blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, org: orange, grn: green
- When operating, don't shortcircuit the protection device (High Pressure switch)
- For connection wiring indoor-outdoor transmission F1-F2, outdoor-outdoor transmission OF1-OF2, refer to the installation manual.
- Protective earth(SCREW), : connector, : The wire quantity

6. Electrical Wiring Diagram

AM100BXMWGH/EU, AM120BXMWGH/EU



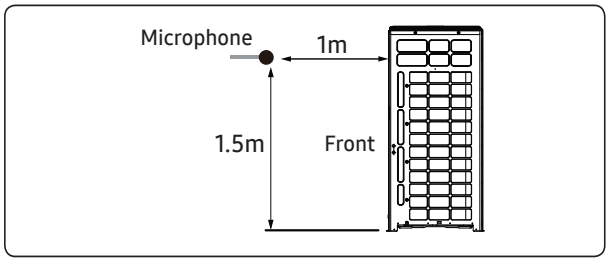
MAIN PCB	Printed circuit board (Main)	EVI BYPASS	Solenoid valve (EVI-bypass)	T40A / 690	FUSE
FAN PCB	Printed circuit board (Fan)	HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)	LIQUID TEMP	Thermistor (Liquid)
INV PCB	Printed circuit board (Inverter)	CCH OUT	Crank Case Heater (Compressor)	DISCHARGE TEMP	Thermistor (Discharge)
EMI PCB	Printed circuit board (emi1)	EVI BYPASS	Solenoid valve (EVI-bypass)	COMP TOP TEMP	Thermistor (Compressor Top)
COMM PCB	Printed circuit board (Communication)	HOTGAS BYPASS	Solenoid valve (Hotgas-bypass)	OUTDOOR TEMP	Thermistor (Air)
COMP	Motor (Compressor)	CCH OUT	Crank Case Heater (Compressor)	SUCTION TEMP	Thermistor (Suction)
BLDC MOTOR	Motor (ODU Fan)	EVI VALVE	Solenoid valve (EVI)	EVI IN TEMP	Thermistor (EVI IN)
REACTOR	DC_Reactor	MAIN EEV	Electronic expansion valve (Main cooling)	EVI OUT TEMP	Thermistor (EVI OUT)
4WAY VALVE	Solenoid valve (4WAY)	EVI EEV	Electronic expansion valve (EVI)		

NOTE

- This wiring diagram applies only to the outdoor unit.
- Colors blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue, org: orange, grn: green
- When operating, don't shortcircuit the protection device (High Pressure switch)
- For connection wiring indoor-outdoor transmission F1-F2, outdoor-outdoor transmission OF1-OF2, refer to the installation manual.
- ⏚ Protective earth(SCREW), ▭▭▭ : connector, N : The wire quantity

7. Sound Data

Sound Pressure level

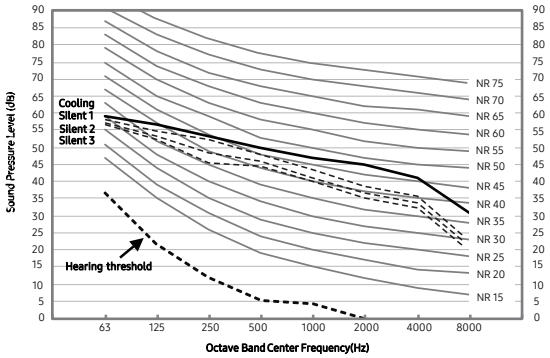


Unit: dB(A)

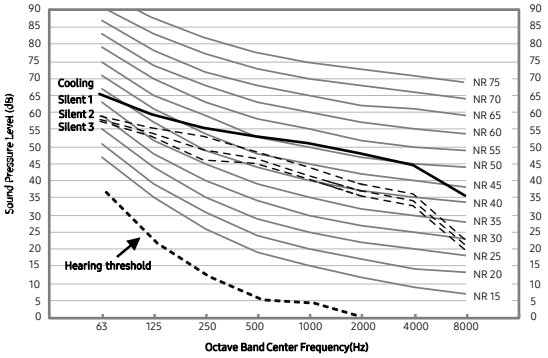
Model	Cooling	Silent 1	Silent 2	Silent 3
AM040BXMDEH/EU	53	50	48	47
AM050BXMDEH/EU	56	50	48	47
AM080BXMDGH/EU	58	56	53	50
AM080BXMWGH/EU	58	53	50	47

- NR Curve

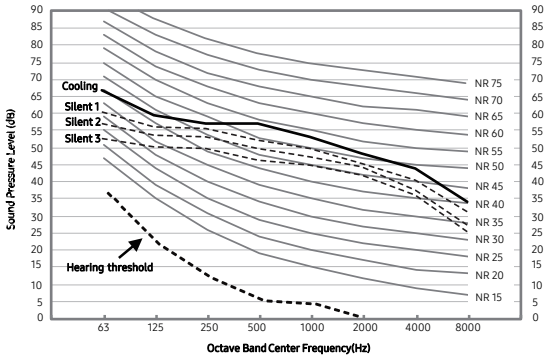
1) AM040BXMDEH/EU



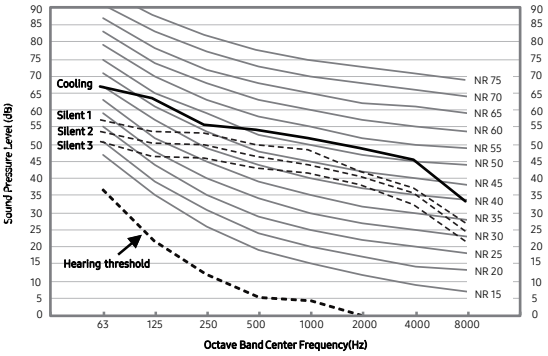
2) AM050BXMDEH/EU



3) AM080BXMDGH/EU



4) AM080BXMWGH/EU

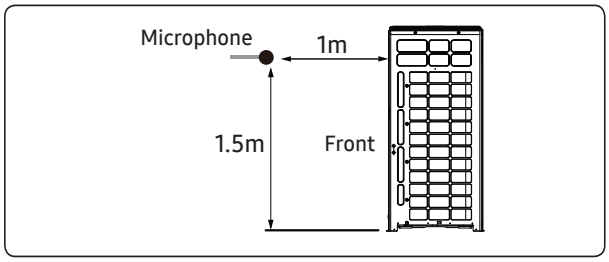


NOTE

- Specifications may be subject to change without prior notice.
  - Sound pressure level is obtained in an anechoic room.
  - Sound pressure level is a relative value, depending on the distance and acoustic environment.
  - Sound pressure level may differ depending on operation condition.
  - dBA = A-weighted sound pressure level
  - Reference acoustic pressure 0 dB = 20μPa

7. Sound Data

Sound Pressure level

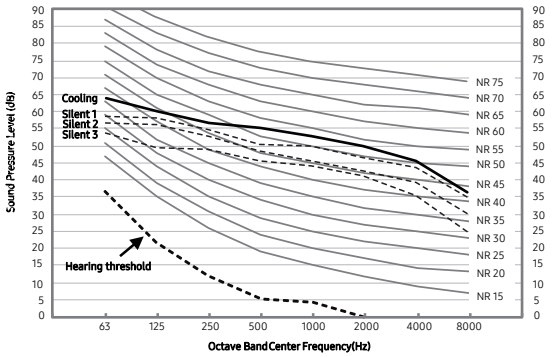


Unit: dB(A)

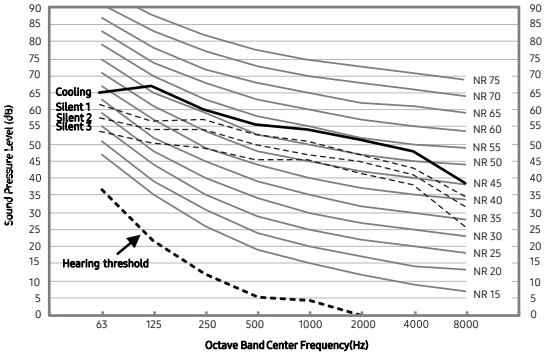
Model	Cooling	Silent 1	Silent 2	Silent 3
AM100BXMWGH/EU	58	55	52	49
AM120BXMWGH/EU	60	56	53	50

- NR Curve

5) AM100BXMWGH/EU



6) AM120BXMWGH/EU



NOTE

- Specifications may be subject to change without prior notice.
  - Sound pressure level is obtained in an anechoic room.
  - Sound pressure level is a relative value, depending on the distance and acoustic environment.
  - Sound pressure level may differ depending on operation condition.
  - dBA = A-weighted sound pressure level
  - Reference acoustic pressure 0 dB = 20μPa

7. Sound Data

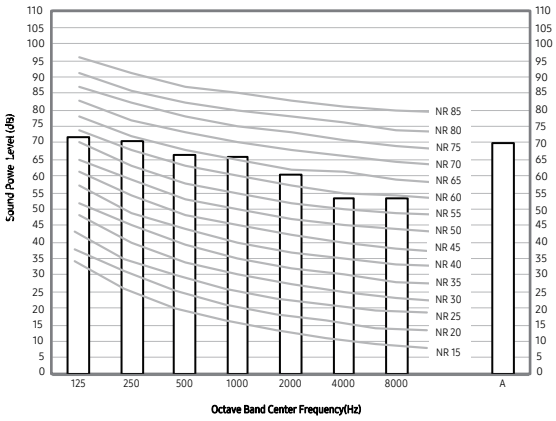
Sound Pressure level

Unit: dB(A)

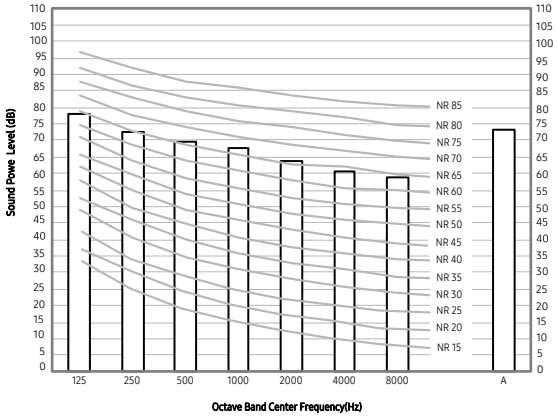
Model	Power
AM040BXMDEH/EU	70
AM050BXMDEH/EU	73
AM080BXMDGH/EU	73
AM080BXMWGH/EU	73

- NR Curve

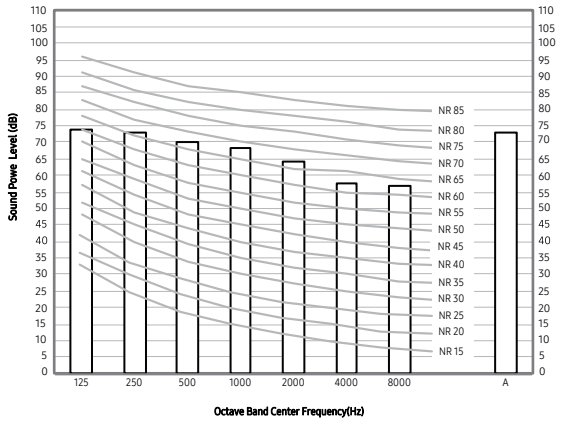
1) AM040BXMDEH/EU



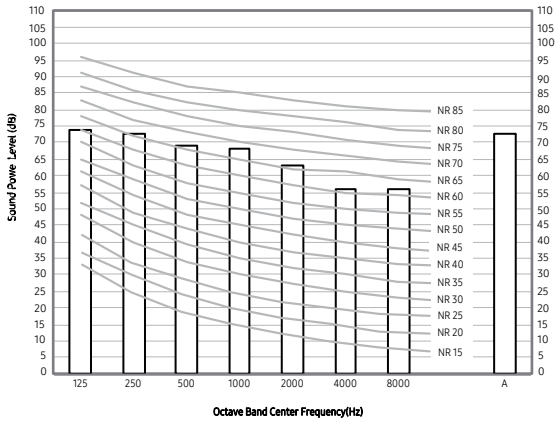
2) AM050BXMDEH/EU



3) AM080BXMDGH/EU



4) AM080BXMWGH/EU



NOTE

- Specifications may be subject to change without prior notice.
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

7. Sound Data

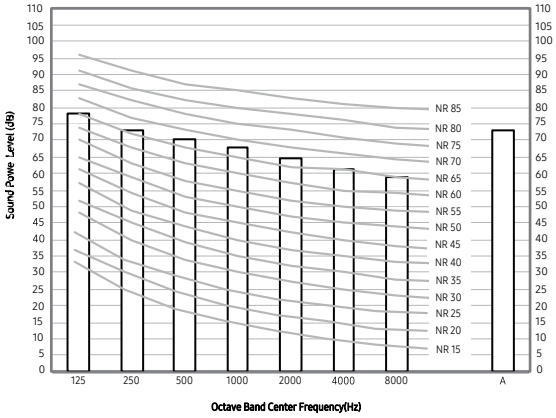
Sound Pressure level

Unit: dB(A)

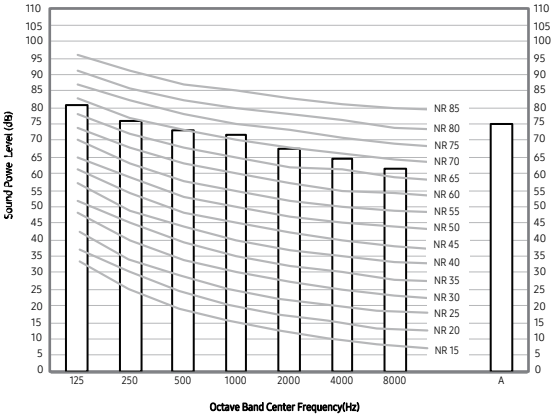
Model	Power
AM100BXMWGH/EU	74
AM120BXMWGH/EU	76

- NR Curve

5) AM100BXMWGH/EU



6) AM120BXMWGH/EU



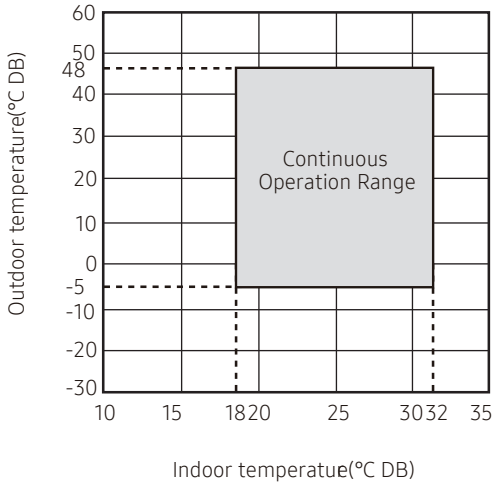
NOTE

- Specifications may be subject to change without prior notice.
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

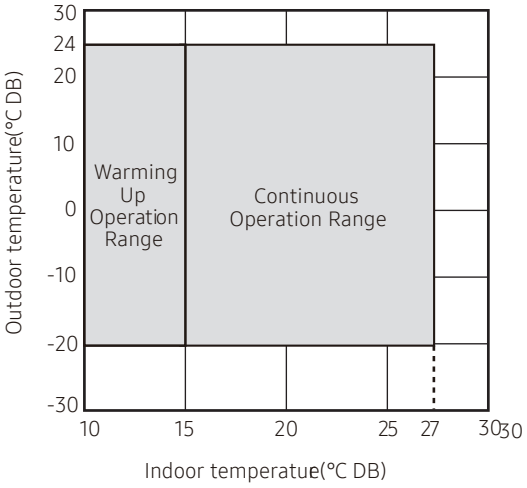
8. Operation Range

AM040BXMDEH/EU, AM050BXMDEH/EU, AM080BXMDGH/EU, AM080BXMWGH/EU

Cooling

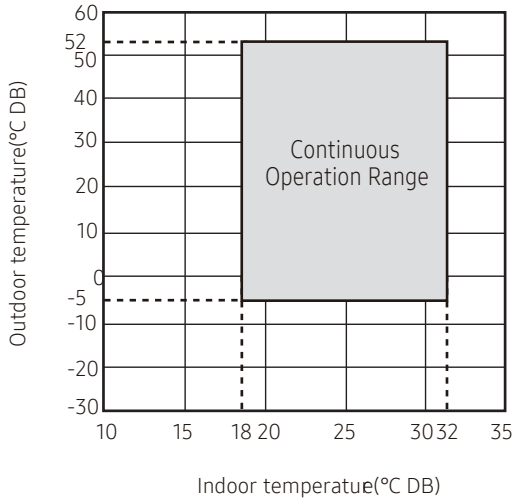


Heating

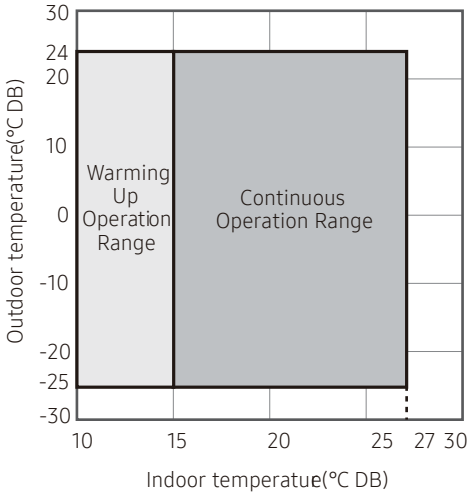


AM100BXMWGH/EU, AM120BXMWGH/EU

Cooling



Heating



NOTE

- The standardized temperature for heating is 7°C DB. If the outdoor temperature drops to 0°C DB or below, the heating capacity can be reduced depending on the temperature condition.
- The use of the air conditioner at a relative humidity above the expected one (80%) may cause the formation of condensate and the leakage of water drops on the floor.

8. Operation Range

Defrosting correction factor

The heating capacity tables do not take account of the reduction in capacity, when frost has accumulated or while the defrosting operation is in progress. The capacity values, which take these factors into account, in other words, the integrated heating capacity values, can be calculated as follows :

(1) Formula : A = B × C

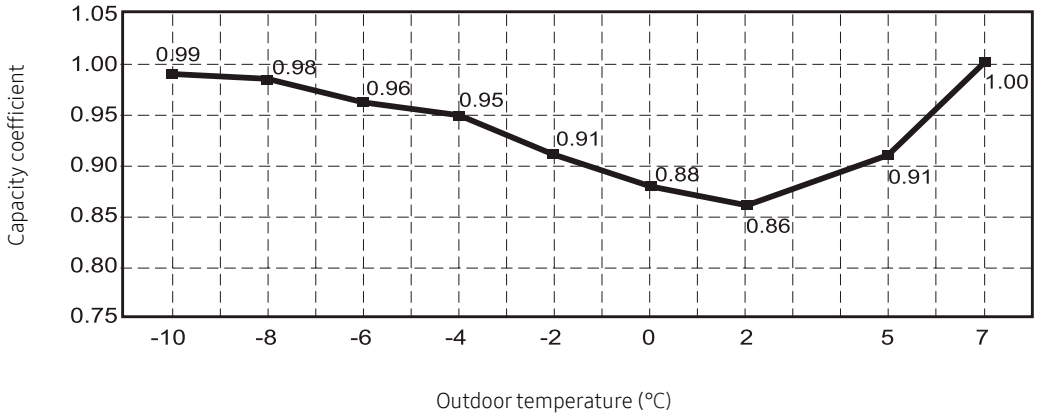
(2) Integrated heating capacity = A

(3) Value given in table of capacity characteristics = B

(4) Integrating correction factor for frost accumulation (kW) = C

Outdoor temperatuure (°C, DB) / WB	-10 / -10.4	-8 / -8.5	-6 / -6.5	-4 / -4.6	-2 / -2.7	0 / -0.7	2 / 1.2	5 / 4.1	7 / 6
Capacity coefficient	0.99	0.98	0.96	0.95	0.91	0.88	0.86	0.91	1.00

Capacity coefficient of outdoor unit on defrost operation



On heating operation, frost can be formed on heat exchanger according to outdoor temperature.

(Frost on heat exchanger results in decreasing the performance.)

To remove frost on heat exchanger of outdoor unit, defrost operation is carried out periodically.

During defrost operation, capacity of outdoor unit may decrease.

The decrement is not considered to the individual capacity tables.

This figure shows an effect of intelligence defrost operation

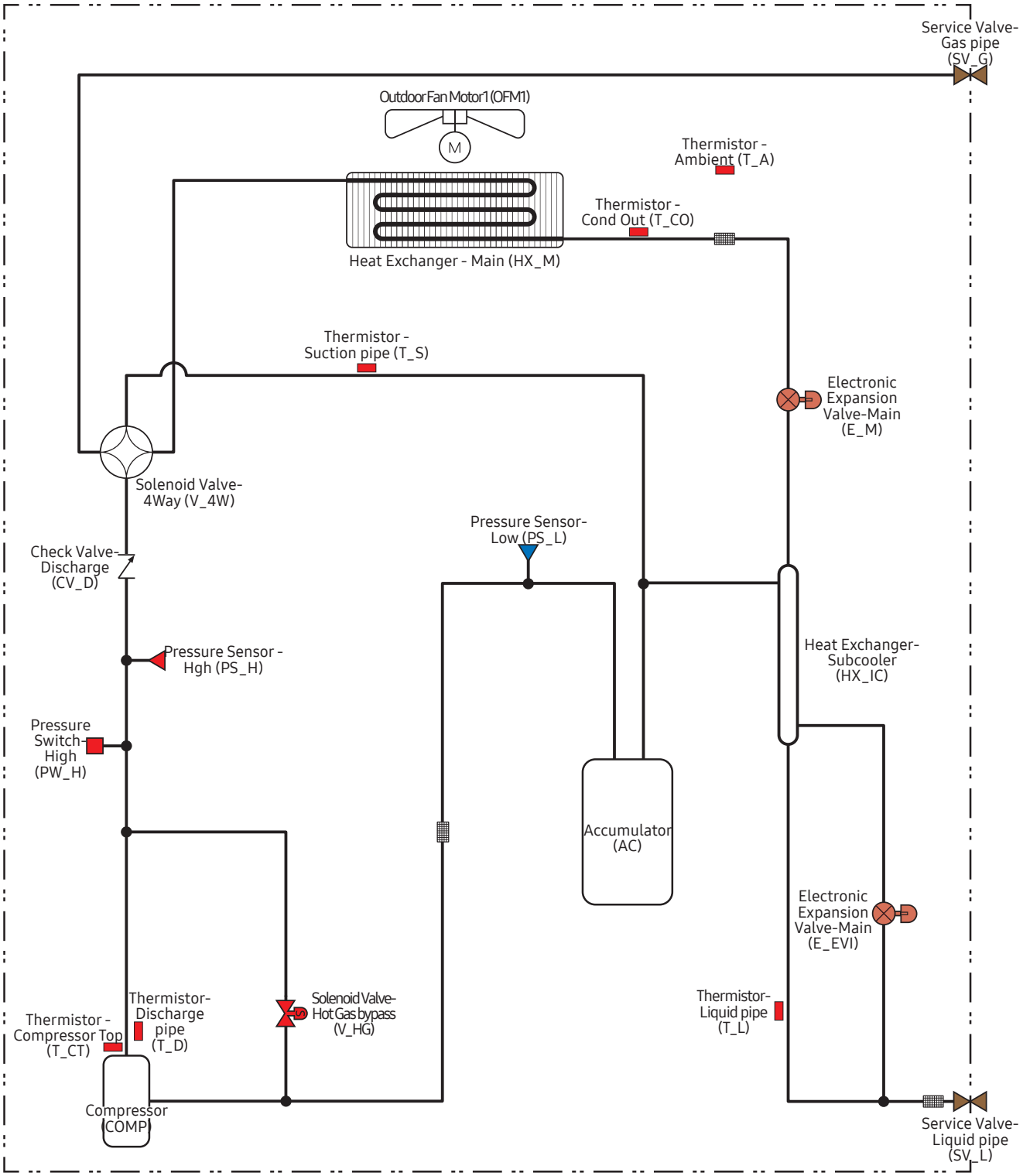
It is actually the frost occurrence section from 0 °C or less.

Since the outdoor temperature over 0 °C, the heating performance is the same before and after applying intelligence defrost operation

In outdoor conditions below 0 °C, frost conditions reflect the actual entering the defrost opration because heating performance is improved

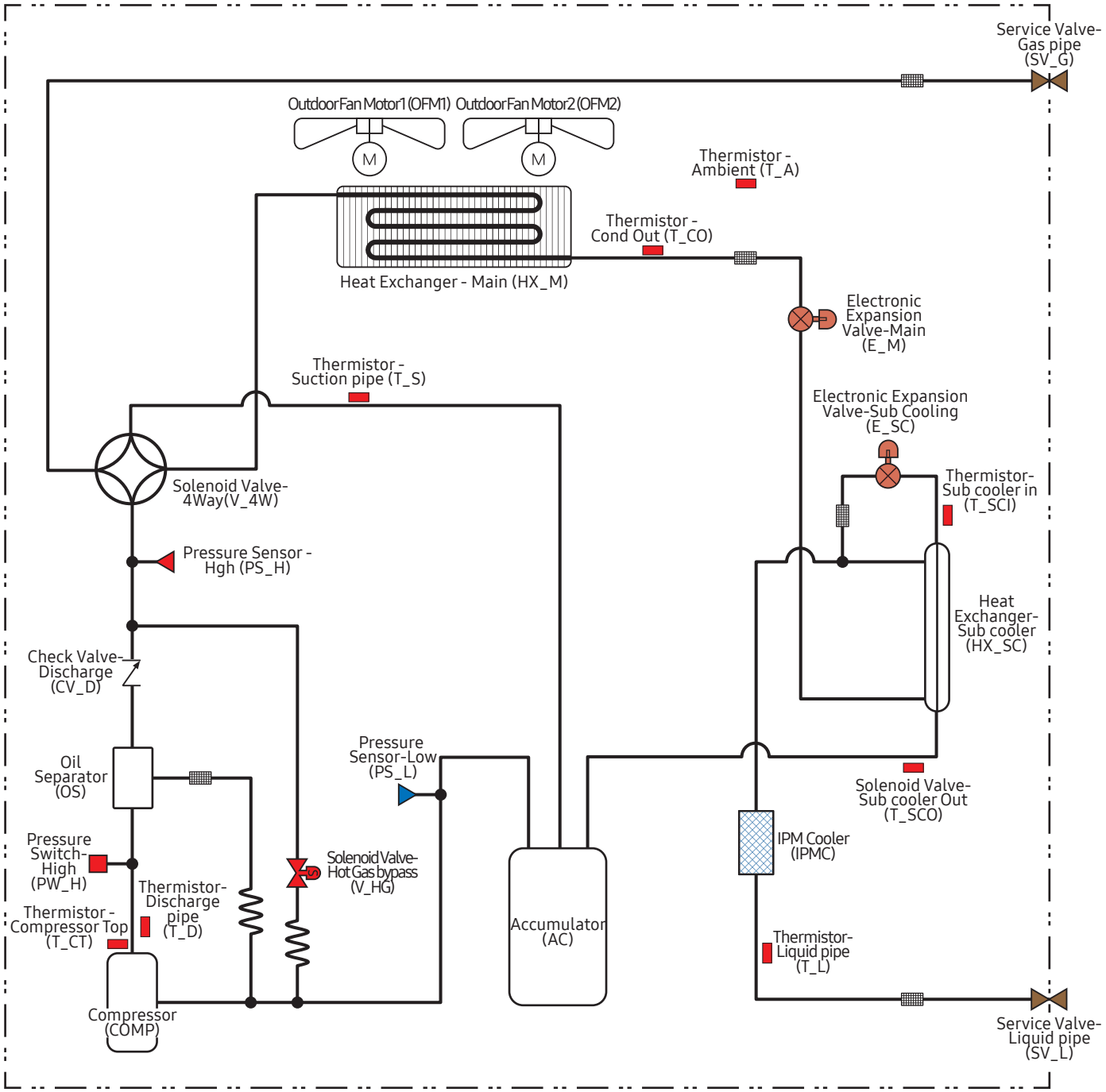
9. Piping Diagram

AM040BXMDEH/EU, AM050BXMDEH/EU



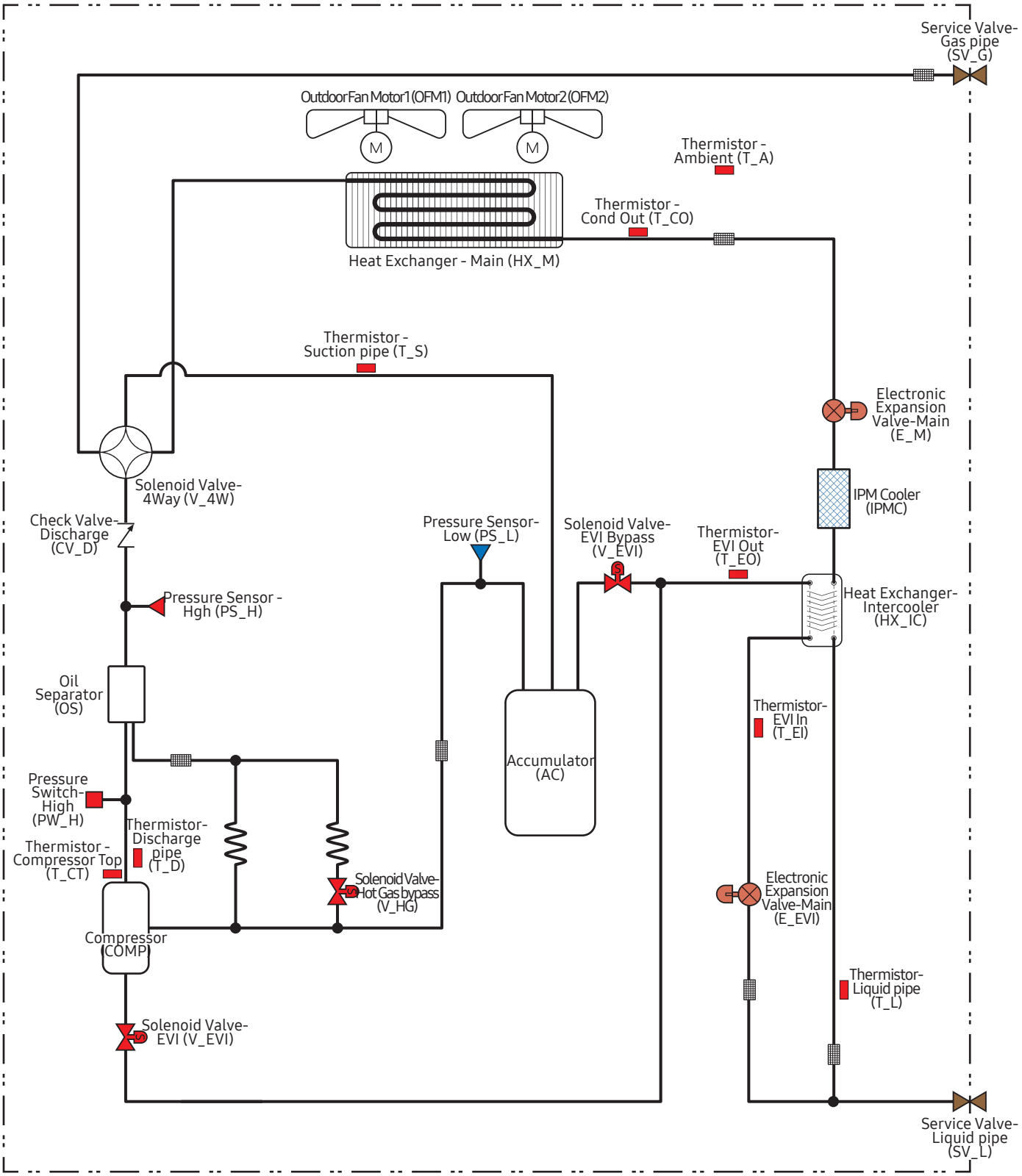
9. Piping Diagram

AM080BXMDGH/EU



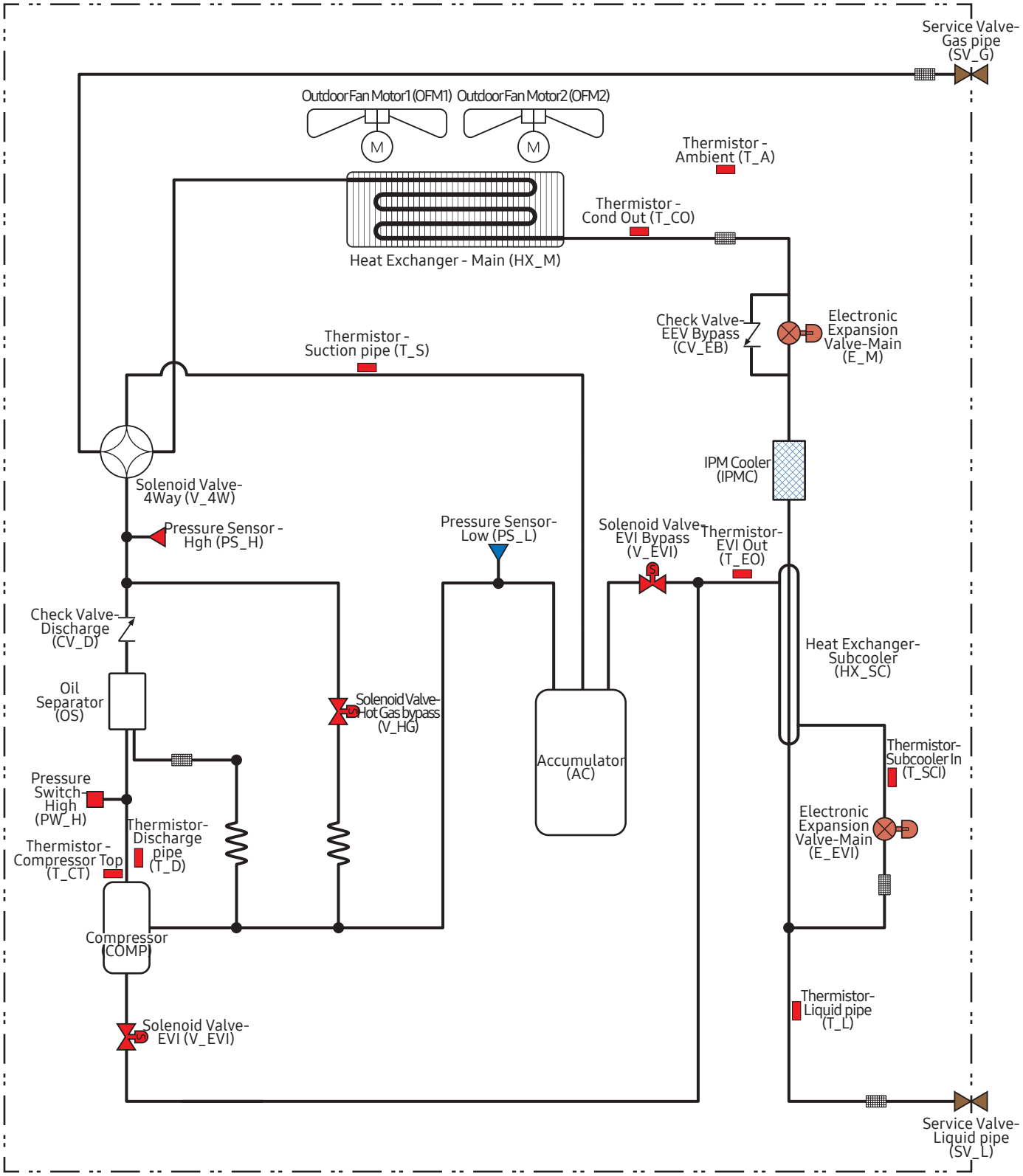
9. Piping Diagram

AM080BXMWGH/EU



9. Piping Diagram

AM100BXMWGH/EU, AM120BXMWGH/EU



10. Capacity Table

AM040BXMDEH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	10.20	1.28	12.40	1.58	14.60	1.91	15.70	2.09	16.70	2.27	18.60	2.66	20.50	3.12
	12	10.20	1.34	12.40	1.67	14.60	2.03	15.70	2.23	16.70	2.42	18.60	2.85	20.50	3.36
	14	10.20	1.42	12.40	1.77	14.60	2.17	15.70	2.38	16.70	2.59	18.60	3.07	20.50	3.61
	16	10.20	1.50	12.40	1.89	14.60	2.32	15.70	2.55	16.70	2.79	18.60	3.30	20.50	3.90
	18	10.20	1.60	12.40	2.02	14.60	2.49	15.70	2.75	16.70	3.00	18.60	3.56	20.50	4.21
	20	10.20	1.71	12.40	2.16	14.60	2.68	15.70	2.95	16.70	3.23	18.60	3.84	20.30	4.32
	21	10.20	1.76	12.40	2.24	14.60	2.78	15.70	3.07	16.70	3.35	18.60	3.99	19.90	4.26
	23	10.20	1.89	12.40	2.41	14.60	2.99	15.70	3.31	16.70	3.62	18.60	4.30	19.20	4.16
	25	10.20	2.03	12.40	2.59	14.60	3.23	15.70	3.57	16.70	3.91	18.10	4.20	18.50	4.05
	27	10.20	2.18	12.40	2.80	14.60	3.49	15.70	3.85	16.70	4.22	17.40	4.09	17.70	3.94
	29	10.20	2.35	12.40	3.02	14.60	3.76	15.70	4.16	16.20	4.11	16.60	3.98	17.00	3.84
	31	10.20	2.54	12.40	3.26	14.60	4.07	15.30	4.06	15.50	4.01	15.90	3.88	16.30	3.73
	33	10.20	2.74	12.40	3.52	14.40	4.17	14.60	3.95	14.80	3.90	15.20	3.77	15.60	3.62
	35	10.20	2.96	12.40	3.80	13.70	4.07	13.90	3.84	14.10	3.79	14.40	3.66	14.80	3.52
	37	10.20	3.20	12.40	4.10	12.90	3.96	13.20	3.74	13.30	3.69	13.70	3.56	14.10	3.41
	39	10.20	3.45	11.80	4.00	12.20	3.85	12.40	3.63	12.60	3.58	13.00	3.45	13.40	3.30
	43	9.30	3.43	10.30	3.78	10.80	3.64	11.00	3.42	11.20	3.37	11.50	3.24	11.90	3.09
	46	8.20	3.27	9.20	3.62	9.70	3.48	9.90	3.26	10.10	3.21	10.50	3.08	10.80	2.93
	48	7.50	3.16	8.50	3.52	8.90	3.37	9.20	3.15	9.40	3.10	9.70	2.97	10.10	2.83
120	10	9.40	1.15	11.50	1.42	13.50	1.71	14.50	1.87	15.40	2.02	17.10	2.37	18.90	2.77
	12	9.40	1.20	11.50	1.49	13.50	1.81	14.50	1.99	15.40	2.16	17.10	2.53	18.90	2.97
	14	9.40	1.27	11.50	1.58	13.50	1.93	14.50	2.12	15.40	2.30	17.10	2.71	18.90	3.19
	16	9.40	1.34	11.50	1.68	13.50	2.06	14.50	2.27	15.40	2.47	17.10	2.91	18.90	3.43
	18	9.40	1.42	11.50	1.80	13.50	2.21	14.50	2.43	15.40	2.65	17.10	3.14	18.90	3.70
	20	9.40	1.52	11.50	1.92	13.50	2.37	14.50	2.62	15.40	2.85	17.10	3.38	18.90	4.00
	21	9.40	1.57	11.50	1.99	13.50	2.46	14.50	2.71	15.40	2.96	17.10	3.51	18.90	4.15
	23	9.40	1.68	11.50	2.13	13.50	2.64	14.50	2.92	15.40	3.19	17.10	3.79	18.90	4.26
	25	9.40	1.80	11.50	2.30	13.50	2.85	14.50	3.15	15.40	3.45	17.10	4.09	18.10	4.15
	27	9.40	1.94	11.50	2.47	13.50	3.07	14.50	3.40	15.40	3.72	17.10	4.20	17.40	4.05
	29	9.40	2.09	11.50	2.67	13.50	3.32	14.50	3.68	15.40	4.02	16.30	4.09	16.70	3.94
	31	9.40	2.25	11.50	2.88	13.50	3.58	14.50	3.97	15.30	4.12	15.60	3.99	16.00	3.84
	33	9.40	2.43	11.50	3.11	13.50	3.87	14.40	4.07	14.50	4.02	14.90	3.88	15.20	3.73
	35	9.40	2.62	11.50	3.36	13.40	3.97	13.60	3.97	13.80	3.91	14.20	3.77	14.50	3.62
	37	9.40	2.83	11.50	3.63	12.70	3.86	12.90	3.86	13.10	3.80	13.40	3.67	13.80	3.52
	39	9.40	3.06	11.40	3.72	12.00	3.76	12.20	3.75	12.40	3.70	12.70	3.56	13.10	3.41
	43	8.90	3.19	9.90	3.50	10.50	3.54	10.70	3.54	10.90	3.49	11.30	3.35	11.60	3.20
	46	7.80	3.03	8.80	3.34	9.40	3.38	9.60	3.38	9.80	3.33	10.20	3.19	10.50	3.04
	48	7.10	2.93	8.10	3.24	8.70	3.28	8.90	3.27	9.10	3.22	9.40	3.08	9.80	2.93
110	10	8.70	1.02	10.50	1.26	12.40	1.52	13.30	1.67	14.10	1.80	15.70	2.10	17.30	2.45
	12	8.70	1.07	10.50	1.33	12.40	1.61	13.30	1.77	14.10	1.92	15.70	2.24	17.30	2.62
	14	8.70	1.13	10.50	1.41	12.40	1.71	13.30	1.88	14.10	2.04	15.70	2.40	17.30	2.81
	16	8.70	1.19	10.50	1.49	12.40	1.82	13.30	2.01	14.10	2.18	15.70	2.57	17.30	3.02
	18	8.70	1.26	10.50	1.59	12.40	1.95	13.30	2.15	14.10	2.34	15.70	2.76	17.30	3.25
	20	8.70	1.34	10.50	1.70	12.40	2.09	13.30	2.31	14.10	2.52	15.70	2.97	17.30	3.51
	21	8.70	1.39	10.50	1.75	12.40	2.16	13.30	2.39	14.10	2.61	15.70	3.08	17.30	3.64
	23	8.70	1.48	10.50	1.88	12.40	2.33	13.30	2.57	14.10	2.81	15.70	3.33	17.30	3.93
	25	8.70	1.59	10.50	2.02	12.40	2.50	13.30	2.77	14.10	3.03	15.70	3.59	17.30	4.24
	27	8.70	1.70	10.50	2.18	12.40	2.70	13.30	2.99	14.10	3.27	15.70	3.88	17.10	4.36
	29	8.70	1.83	10.50	2.35	12.40	2.91	13.30	3.23	14.10	3.53	15.70	4.19	16.40	4.25
	31	8.70	1.98	10.50	2.53	12.40	3.15	13.30	3.49	14.10	3.82	15.30	4.08	15.60	4.14
	33	8.70	2.13	10.50	2.73	12.40	3.40	13.30	3.77	14.10	4.12	14.60	3.97	14.90	4.04
	35	8.70	2.30	10.50	2.95	12.40	3.67	13.30	4.07	13.60	4.01	13.90	3.87	14.20	3.93
	37	8.70	2.48	10.50	3.19	12.40	3.96	12.70	3.96	12.80	3.91	13.20	3.76	13.50	3.82
	39	8.70	2.68	10.50	3.44	11.80	3.86	11.90	3.86	12.10	3.80	12.40	3.66	12.70	3.72
	43	8.50	2.96	9.50	3.41	10.30	3.64	10.50	3.64	10.70	3.59	11.00	3.44	11.30	3.51
	46	7.40	2.80	8.40	3.25	9.20	3.48	9.40	3.48	9.60	3.43	9.90	3.28	10.20	3.35
	48	6.70	2.69	7.60	3.15	8.50	3.38	8.70	3.38	8.80	3.32	9.20	3.18	9.50	3.24
100	10	7.90	0.91	9.60	1.12	11.30	1.36	12.10	1.48	12.80	1.60	14.30	1.86	15.70	2.17
	12	7.90	0.95	9.60	1.18	11.30	1.43	12.10	1.56	12.80	1.70	14.30	1.98	15.70	2.31
	14	7.90	1.00	9.60	1.24	11.30	1.52	12.10	1.66	12.80	1.80	14.30	2.11	15.70	2.47
	16	7.90	1.05	9.60	1.31	11.30	1.61	12.10	1.77	12.80	1.92	14.30	2.26	15.70	2.65
	18	7.90	1.11	9.60	1.40	11.30	1.72	12.10	1.89	12.80	2.06	14.30	2.42	15.70	2.84
	20	7.90	1.18	9.60	1.49	11.30	1.84	12.10	2.02	12.80	2.20	14.30	2.60	15.70	3.06
	21	7.90	1.22	9.60	1.54	11.30	1.90	12.10	2.09	12.80	2.28	14.30	2.70	15.70	3.18
	23	7.90	1.30	9.60	1.65	11.30	2.04	12.10	2.25	12.80	2.46	14.30	2.91	15.70	3.43
	25	7.90	1.39	9.60	1.77	11.30	2.19	12.10	2.42	12.80	2.65	14.30	3.13	15.70	3.70
	27	7.90	1.49	9.60	1.90	11.30	2.36	12.10	2.61	12.80	2.85	14.30	3.38	15.70	3.99
	29	7.90	1.60	9.60	2.05	11.30	2.55	12.10	2.82	12.80	3.08	14.30	3.65	15.70	4.31
	31	7.90	1.73	9.60	2.21	11.30	2.75	12.10	3.04	12.80	3.33	14.30	3.95	15.30	4.21
	33	7.90	1.86	9.60	2.38	11.30	2.97	12.10	3.29	12.80	3.59	14.30	4.26	14.60	4.10
	35	7.90	2.01	9.60	2.57	11.30	3.21	12.10	3.55	12.80	3.88	13.60	4.15	13.90	4.00
	37	7.90	2.17	9.60	2.78	11.30	3.47	12.10	3.83	12.60	3.98	12.90	4.05	13.20	3.89
	39	7.90	2.34	9.60	3.00	11.30	3.74	11.70	3.77	11.90	3.87	12.10	3.94	12.40	3.78
	43	7.90	2.73	9.00	3.13	9.80	3.53	10.30	3.56	10.40	3.66	10.70	3.73	11.00	3.57
	46	7.00	2.57	7.90	2.97	8.70	3.37	9.20	3.40	9.30	3.50	9.60	3.57	9.90	3.41
	48	6.30	2.47	7.20	2.86	8.00	3.26	8.40	3.30	8.60	3.39	8.90	3.46	9.20	3.30

10. Capacity Table

AM040BXMDEH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	10	7.10	0.78	8.60	0.97	10.10	1.17	10.90	1.28	11.50	1.38	12.90	1.61	14.20	1.87
	12	7.10	0.82	8.60	1.02	10.10	1.23	10.90	1.35	11.50	1.46	12.90	1.71	14.20	1.99
	14	7.10	0.86	8.60	1.07	10.10	1.30	10.90	1.43	11.50	1.55	12.90	1.81	14.20	2.12
	16	7.10	0.90	8.60	1.13	10.10	1.38	10.90	1.52	11.50	1.65	12.90	1.94	14.20	2.26
	18	7.10	0.95	8.60	1.20	10.10	1.47	10.90	1.62	11.50	1.76	12.90	2.07	14.20	2.43
	20	7.10	1.01	8.60	1.27	10.10	1.57	10.90	1.73	11.50	1.88	12.90	2.22	14.20	2.61
	21	7.10	1.04	8.60	1.31	10.10	1.62	10.90	1.79	11.50	1.95	12.90	2.30	14.20	2.70
	23	7.10	1.11	8.60	1.40	10.10	1.74	10.90	1.92	11.50	2.09	12.90	2.47	14.20	2.91
	25	7.10	1.18	8.60	1.50	10.10	1.87	10.90	2.06	11.50	2.25	12.90	2.67	14.20	3.14
	27	7.10	1.27	8.60	1.62	10.10	2.01	10.90	2.22	11.50	2.42	12.90	2.88	14.20	3.39
	29	7.10	1.36	8.60	1.74	10.10	2.16	10.90	2.39	11.50	2.61	12.90	3.10	14.20	3.66
	31	7.10	1.46	8.60	1.87	10.10	2.33	10.90	2.58	11.50	2.82	12.90	3.35	14.20	3.95
	33	7.10	1.58	8.60	2.02	10.10	2.52	10.90	2.79	11.50	3.05	12.90	3.62	14.20	4.27
	35	7.10	1.70	8.60	2.18	10.10	2.72	10.90	3.01	11.50	3.29	12.90	3.91	13.60	4.16
	37	7.10	1.84	8.60	2.35	10.10	2.94	10.90	3.25	11.50	3.55	12.60	4.01	12.80	4.06
	39	7.10	1.98	8.60	2.54	10.10	3.17	10.90	3.51	11.40	3.64	11.90	3.90	12.10	3.95
	43	7.10	2.31	8.50	2.80	9.30	3.14	9.60	3.30	10.00	3.42	10.40	3.69	10.70	3.74
	46	6.70	2.30	7.40	2.64	8.20	2.98	8.60	3.14	8.90	3.27	9.30	3.53	9.60	3.58
	48	5.90	2.19	6.70	2.53	7.50	2.87	7.80	3.03	8.20	3.16	8.60	3.42	8.80	3.47
80	10	6.30	0.67	7.70	0.84	9.00	1.01	9.70	1.11	10.30	1.19	11.40	1.39	12.60	1.61
	12	6.30	0.70	7.70	0.87	9.00	1.06	9.70	1.16	10.30	1.25	11.40	1.46	12.60	1.70
	14	6.30	0.73	7.70	0.92	9.00	1.12	9.70	1.22	10.30	1.32	11.40	1.55	12.60	1.81
	16	6.30	0.77	7.70	0.97	9.00	1.18	9.70	1.30	10.30	1.40	11.40	1.65	12.60	1.92
	18	6.30	0.81	7.70	1.02	9.00	1.25	9.70	1.38	10.30	1.49	11.40	1.76	12.60	2.06
	20	6.30	0.86	7.70	1.08	9.00	1.33	9.70	1.47	10.30	1.60	11.40	1.88	12.60	2.21
	21	6.30	0.88	7.70	1.12	9.00	1.38	9.70	1.52	10.30	1.65	11.40	1.95	12.60	2.29
	23	6.30	0.94	7.70	1.19	9.00	1.47	9.70	1.63	10.30	1.77	11.40	2.09	12.60	2.46
	25	6.30	1.00	7.70	1.28	9.00	1.58	9.70	1.74	10.30	1.90	11.40	2.25	12.60	2.65
	27	6.30	1.07	7.70	1.37	9.00	1.69	9.70	1.88	10.30	2.04	11.40	2.42	12.60	2.85
	29	6.30	1.15	7.70	1.47	9.00	1.82	9.70	2.02	10.30	2.20	11.40	2.61	12.60	3.08
	31	6.30	1.23	7.70	1.58	9.00	1.97	9.70	2.18	10.30	2.38	11.40	2.82	12.60	3.33
	33	6.30	1.33	7.70	1.71	9.00	2.12	9.70	2.35	10.30	2.56	11.40	3.05	12.60	3.59
	35	6.30	1.43	7.70	1.84	9.00	2.29	9.70	2.54	10.30	2.77	11.40	3.29	12.60	3.88
	37	6.30	1.54	7.70	1.99	9.00	2.47	9.70	2.74	10.30	2.99	11.40	3.55	12.50	3.98
	39	6.30	1.67	7.70	2.15	9.00	2.67	9.70	2.96	10.30	3.23	11.40	3.64	11.80	3.87
	43	6.30	1.94	7.70	2.50	8.70	2.94	9.00	3.09	9.30	3.20	9.90	3.43	10.30	3.66
	46	6.30	2.05	6.90	2.49	7.60	2.78	8.00	2.93	8.20	3.04	8.80	3.27	9.30	3.50
	48	5.50	1.94	6.20	2.39	6.90	2.68	7.20	2.83	7.50	2.93	8.10	3.16	8.50	3.39
70	10	5.50	0.57	6.70	0.71	7.90	0.86	8.50	0.94	9.00	1.02	10.00	1.18	11.00	1.37
	12	5.50	0.59	6.70	0.74	7.90	0.90	8.50	0.99	9.00	1.07	10.00	1.24	11.00	1.44
	14	5.50	0.62	6.70	0.78	7.90	0.94	8.50	1.04	9.00	1.12	10.00	1.31	11.00	1.53
	16	5.50	0.65	6.70	0.82	7.90	0.99	8.50	1.09	9.00	1.19	10.00	1.39	11.00	1.62
	18	5.50	0.68	6.70	0.86	7.90	1.05	8.50	1.16	9.00	1.26	10.00	1.48	11.00	1.73
	20	5.50	0.72	6.70	0.91	7.90	1.12	8.50	1.23	9.00	1.34	10.00	1.58	11.00	1.85
	21	5.50	0.74	6.70	0.94	7.90	1.15	8.50	1.27	9.00	1.38	10.00	1.63	11.00	1.91
	23	5.50	0.78	6.70	1.00	7.90	1.23	8.50	1.36	9.00	1.48	10.00	1.74	11.00	2.05
	25	5.50	0.84	6.70	1.07	7.90	1.32	8.50	1.46	9.00	1.58	10.00	1.87	11.00	2.20
	27	5.50	0.89	6.70	1.14	7.90	1.41	8.50	1.56	9.00	1.70	10.00	2.02	11.00	2.37
	29	5.50	0.96	6.70	1.22	7.90	1.52	8.50	1.68	9.00	1.83	10.00	2.17	11.00	2.56
	31	5.50	1.03	6.70	1.32	7.90	1.63	8.50	1.81	9.00	1.97	10.00	2.34	11.00	2.76
	33	5.50	1.10	6.70	1.42	7.90	1.76	8.50	1.95	9.00	2.13	10.00	2.53	11.00	2.98
	35	5.50	1.19	6.70	1.53	7.90	1.90	8.50	2.11	9.00	2.30	10.00	2.73	11.00	3.22
	37	5.50	1.28	6.70	1.65	7.90	2.05	8.50	2.28	9.00	2.48	10.00	2.95	11.00	3.48
	39	5.50	1.39	6.70	1.78	7.90	2.22	8.50	2.46	9.00	2.68	10.00	3.18	11.00	3.75
	43	5.50	1.62	6.70	2.08	7.90	2.58	8.40	2.71	8.70	2.96	9.20	3.15	9.70	3.54
	46	5.50	1.81	6.50	2.19	7.10	2.42	7.30	2.55	7.60	2.80	8.10	2.99	8.60	3.38
	48	5.10	1.83	5.70	2.09	6.30	2.32	6.60	2.44	6.90	2.69	7.40	2.88	7.90	3.27
60	10	4.70	0.47	5.70	0.59	6.80	0.72	7.30	0.79	7.70	0.85	8.60	0.99	9.40	1.15
	12	4.70	0.49	5.70	0.61	6.80	0.75	7.30	0.82	7.70	0.89	8.60	1.04	9.40	1.21
	14	4.70	0.51	5.70	0.64	6.80	0.79	7.30	0.86	7.70	0.94	8.60	1.09	9.40	1.27
	16	4.70	0.54	5.70	0.67	6.80	0.83	7.30	0.91	7.70	0.99	8.60	1.16	9.40	1.35
	18	4.70	0.56	5.70	0.71	6.80	0.87	7.30	0.96	7.70	1.04	8.60	1.22	9.40	1.43
	20	4.70	0.59	5.70	0.75	6.80	0.92	7.30	1.02	7.70	1.11	8.60	1.30	9.40	1.52
	21	4.70	0.61	5.70	0.77	6.80	0.95	7.30	1.05	7.70	1.14	8.60	1.34	9.40	1.57
	23	4.70	0.64	5.70	0.82	6.80	1.01	7.30	1.12	7.70	1.22	8.60	1.44	9.40	1.69
	25	4.70	0.69	5.70	0.87	6.80	1.08	7.30	1.19	7.70	1.30	8.60	1.54	9.40	1.81
	27	4.70	0.73	5.70	0.93	6.80	1.16	7.30	1.28	7.70	1.40	8.60	1.65	9.40	1.94
	29	4.70	0.78	5.70	1.00	6.80	1.24	7.30	1.38	7.70	1.50	8.60	1.78	9.40	2.09
	31	4.70	0.84	5.70	1.07	6.80	1.33	7.30	1.48	7.70	1.62	8.60	1.92	9.40	2.26
	33	4.70	0.90	5.70	1.15	6.80	1.44	7.30	1.59	7.70	1.74	8.60	2.07	9.40	2.44
	35	4.70	0.97	5.70	1.24	6.80	1.55	7.30	1.72	7.70	1.88	8.60	2.23	9.40	2.63
	37	4.70	1.05	5.70	1.34	6.80	1.67	7.30	1.86	7.70	2.03	8.60	2.41	9.40	2.84
	39	4.70	1.13	5.70	1.44	6.80	1.81	7.30	2.01	7.70	2.19	8.60	2.60	9.40	3.07
	43	4.70	1.32	5.70	1.69	6.80	2.11	7.30	2.34	7.70	2.56	8.50	2.87	8.90	3.21
	46	4.70	1.48	5.70	1.89	6.50	2.22	6.70	2.32	7.00	2.40	7.40	2.71	7.80	3.05
	48	4.70	1.60	5.30	1.78	5.80	2.12	6.00	2.22	6.20	2.29	6.70	2.60	7.10	2.94

10. Capacity Table

AM040BXMDEH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	10	3.90	0.38	4.80	0.48	5.60	0.59	6.10	0.65	6.40	0.70	7.10	0.81	7.90	0.94
	12	3.90	0.40	4.80	0.50	5.60	0.61	6.10	0.67	6.40	0.73	7.10	0.85	7.90	0.99
	14	3.90	0.41	4.80	0.52	5.60	0.64	6.10	0.70	6.40	0.76	7.10	0.89	7.90	1.04
	16	3.90	0.43	4.80	0.55	5.60	0.67	6.10	0.74	6.40	0.80	7.10	0.94	7.90	1.09
	18	3.90	0.45	4.80	0.57	5.60	0.70	6.10	0.78	6.40	0.84	7.10	0.99	7.90	1.16
	20	3.90	0.48	4.80	0.60	5.60	0.74	6.10	0.82	6.40	0.89	7.10	1.05	7.90	1.23
	21	3.90	0.49	4.80	0.62	5.60	0.76	6.10	0.85	6.40	0.92	7.10	1.08	7.90	1.27
	23	3.90	0.52	4.80	0.66	5.60	0.81	6.10	0.90	6.40	0.97	7.10	1.15	7.90	1.35
	25	3.90	0.55	4.80	0.70	5.60	0.86	6.10	0.96	6.40	1.04	7.10	1.23	7.90	1.45
	27	3.90	0.58	4.80	0.75	5.60	0.92	6.10	1.03	6.40	1.11	7.10	1.32	7.90	1.55
	29	3.90	0.62	4.80	0.80	5.60	0.99	6.10	1.10	6.40	1.19	7.10	1.42	7.90	1.67
	31	3.90	0.67	4.80	0.86	5.60	1.06	6.10	1.18	6.40	1.28	7.10	1.52	7.90	1.80
	33	3.90	0.72	4.80	0.92	5.60	1.14	6.10	1.27	6.40	1.38	7.10	1.64	7.90	1.94
	35	3.90	0.77	4.80	0.99	5.60	1.23	6.10	1.37	6.40	1.49	7.10	1.77	7.90	2.09
	37	3.90	0.83	4.80	1.07	5.60	1.33	6.10	1.48	6.40	1.61	7.10	1.91	7.90	2.26
	39	3.90	0.90	4.80	1.15	5.60	1.43	6.10	1.60	6.40	1.74	7.10	2.06	7.90	2.44
	43	3.90	1.04	4.80	1.34	5.60	1.67	6.10	1.86	6.40	2.03	7.10	2.41	7.90	2.84
	46	3.90	1.17	4.80	1.51	5.60	1.88	6.10	2.09	6.30	2.13	6.70	2.39	7.00	2.68
	48	3.90	1.27	4.70	1.63	5.20	1.77	5.40	1.98	5.60	2.03	6.00	2.29	6.30	2.58

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM040BXMDEH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-20.0	-20.2	11.60	3.74	11.40	3.93	11.10	4.13	10.90	4.39	10.60	4.68
	-17.0	-17.3	12.90	4.03	12.70	4.23	12.50	4.42	12.20	4.68	11.30	4.78
	-15.0	-15.3	13.80	4.23	13.60	4.42	13.40	4.62	12.90	4.81	11.70	4.85
	-12.0	-12.4	15.20	4.52	15.00	4.72	14.60	4.91	13.50	4.91	12.40	4.94
	-10.0	-10.5	16.10	4.72	15.90	4.91	15.00	4.98	14.00	4.98	12.80	5.01
	-7.0	-7.6	17.20	5.01	16.20	5.01	15.30	5.01	14.10	5.01	13.00	5.01
	-5.0	-5.6	17.30	5.01	16.30	5.01	15.40	5.01	14.30	5.01	13.20	5.01
	-3.0	-3.7	17.40	5.01	16.50	5.01	15.50	5.01	14.40	5.01	13.30	5.01
	0.0	-0.7	17.60	5.01	16.60	5.01	15.70	5.01	14.60	5.01	13.50	5.01
	3.0	2.2	17.80	5.01	16.80	5.01	15.90	5.01	14.80	5.01	13.70	4.85
	5.0	4.1	17.90	5.01	17.00	5.01	16.00	5.01	14.90	5.01	13.70	4.51
	7.0	6.0	18.00	5.01	17.10	5.01	16.10	5.01	15.00	4.73	13.70	4.20
	9.0	7.9	18.20	5.01	17.20	5.01	16.30	4.94	15.00	4.42	13.70	3.93
	11.0	9.8	18.30	5.01	17.30	5.01	16.30	4.63	15.00	4.15	13.70	3.70
	13.0	11.8	18.40	5.01	17.40	4.76	16.30	4.34	15.00	3.90	13.70	3.49
	15.0	13.7	18.50	4.89	17.40	4.48	16.30	4.09	15.00	3.69	13.70	3.30
120	-20.0	-20.2	11.30	4.00	11.10	4.13	10.90	4.33	10.70	4.62	9.90	4.68
	-17.0	-17.3	12.70	4.29	12.50	4.42	12.20	4.62	11.50	4.78	10.60	4.78
	-15.0	-15.3	13.60	4.49	13.40	4.62	13.00	4.81	11.90	4.85	11.10	4.85
	-12.0	-12.4	14.90	4.78	14.50	4.91	13.60	4.91	12.60	4.94	11.70	4.94
	-10.0	-10.5	15.80	4.98	15.00	4.98	14.10	4.98	13.10	5.01	12.10	5.01
	-7.0	-7.6	16.00	5.01	15.20	5.01	14.30	5.01	13.20	5.01	12.30	5.01
	-5.0	-5.6	16.20	5.01	15.30	5.01	14.40	5.01	13.40	5.01	12.40	5.01
	-3.0	-3.7	16.30	5.01	15.40	5.01	14.50	5.01	13.50	5.01	12.50	5.01
	0.0	-0.7	16.50	5.01	15.60	5.01	14.70	5.01	13.70	5.01	12.60	4.61
	3.0	2.2	16.70	5.01	15.80	5.01	14.90	5.01	13.80	4.65	12.60	4.12
	5.0	4.1	16.80	5.01	15.90	5.01	15.00	4.85	13.80	4.32	12.60	3.83
	7.0	6.0	16.90	5.01	16.10	4.98	15.00	4.51	13.80	4.03	12.60	3.58
	9.0	7.9	17.00	5.01	16.10	4.65	15.00	4.21	13.80	3.77	12.60	3.36
	11.0	9.8	17.10	4.76	16.10	4.35	15.00	3.95	13.80	3.54	12.60	3.16
	13.0	11.8	17.10	4.46	16.10	4.08	15.00	3.72	13.80	3.34	12.60	2.99
	15.0	13.7	17.10	4.20	16.10	3.85	15.00	3.51	13.80	3.16	12.60	2.84
110	-20.0	-20.2	11.00	4.20	10.80	4.39	10.60	4.55	10.00	4.68	9.20	4.68
	-17.0	-17.3	12.40	4.49	12.20	4.68	11.60	4.78	10.70	4.78	9.90	4.78
	-15.0	-15.3	13.30	4.68	12.80	4.81	12.00	4.85	11.20	4.85	10.30	4.85
	-12.0	-12.4	14.20	4.91	13.50	4.91	12.70	4.94	11.80	4.94	11.00	4.94
	-10.0	-10.5	14.70	4.98	13.90	4.98	13.10	5.01	12.20	5.01	11.30	5.01
	-7.0	-7.6	14.90	5.01	14.10	5.01	13.30	5.01	12.40	5.01	11.50	5.01
	-5.0	-5.6	15.00	5.01	14.20	5.01	13.40	5.01	12.50	5.01	11.60	4.73
	-3.0	-3.7	15.10	5.01	14.30	5.01	13.60	5.01	12.70	4.96	11.60	4.37
	0.0	-0.7	15.30	5.01	14.50	5.01	13.80	4.97	12.70	4.41	11.60	3.89
	3.0	2.2	15.50	5.01	14.70	4.91	13.80	4.43	12.70	3.95	11.60	3.49
	5.0	4.1	15.60	5.01	14.70	4.55	13.80	4.12	12.70	3.67	11.60	3.25
	7.0	6.0	15.70	4.66	14.70	4.24	13.80	3.84	12.70	3.43	11.60	3.04
	9.0	7.9	15.70	4.35	14.70	3.96	13.80	3.60	12.70	3.22	11.60	2.86
	11.0	9.8	15.70	4.07	14.70	3.72	13.80	3.38	12.70	3.03	11.60	2.69
	13.0	11.8	15.70	3.83	14.70	3.50	13.80	3.18	12.70	2.86	11.60	2.55
	15.0	13.7	15.70	3.61	14.70	3.31	13.80	3.01	12.70	2.72	11.60	2.43
100	-20.0	-20.2	10.70	4.46	10.60	4.62	10.00	4.68	9.20	4.68	8.40	4.54
	-17.0	-17.3	12.00	4.75	11.30	4.78	10.60	4.78	9.90	4.78	9.10	4.64
	-15.0	-15.3	12.50	4.81	11.70	4.85	11.10	4.85	10.30	4.85	9.60	4.71
	-12.0	-12.4	13.20	4.91	12.40	4.94	11.80	4.94	11.00	4.94	10.20	4.81
	-10.0	-10.5	13.60	4.98	12.80	5.01	12.10	5.01	11.30	5.01	10.50	4.87
	-7.0	-7.6	13.80	5.01	13.00	5.01	12.30	5.01	11.50	4.90	10.50	4.31
	-5.0	-5.6	13.90	5.01	13.10	5.01	12.40	5.01	11.50	4.53	10.50	3.98
	-3.0	-3.7	14.00	5.01	13.30	5.01	12.50	4.71	11.50	4.18	10.50	3.68
	0.0	-0.7	14.20	5.01	13.40	4.65	12.50	4.20	11.50	3.73	10.50	3.29
	3.0	2.2	14.30	4.56	13.40	4.15	12.50	3.75	11.50	3.34	10.50	2.95
	5.0	4.1	14.30	4.24	13.40	3.86	12.50	3.49	11.50	3.11	10.50	2.75
	7.0	6.0	14.30	3.95	13.40	3.60	12.50	3.26	11.50	2.91	10.50	2.58
	9.0	7.9	14.30	3.70	13.40	3.37	12.50	3.06	11.50	2.73	10.50	2.43
	11.0	9.8	14.30	3.47	13.40	3.17	12.50	2.88	11.50	2.58	10.50	2.30
	13.0	11.8	14.30	3.27	13.40	2.99	12.50	2.72	11.50	2.44	10.50	2.18
	15.0	13.7	14.30	3.09	13.40	2.83	12.50	2.58	11.50	2.32	10.50	2.08

10. Capacity Table

AM040BXMDEH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	-20.0	-20.2	10.20	4.68	9.60	4.68	9.00	4.68	8.30	4.42	7.40	4.07
	-17.0	-17.3	10.90	4.78	10.30	4.78	9.70	4.78	9.00	4.52	8.10	4.17
	-15.0	-15.3	11.30	4.85	10.70	4.85	10.10	4.85	9.40	4.59	8.60	4.23
	-12.0	-12.4	12.00	4.94	11.40	4.94	10.80	4.94	10.10	4.68	9.20	4.33
	-10.0	-10.5	12.40	5.01	11.70	5.01	11.10	5.01	10.40	4.75	9.50	4.19
	-7.0	-7.6	12.60	5.01	11.90	5.01	11.30	4.75	10.40	4.21	9.50	3.71
	-5.0	-5.6	12.70	5.01	12.00	4.85	11.30	4.38	10.40	3.88	9.50	3.43
	-3.0	-3.7	12.80	4.95	12.00	4.48	11.30	4.05	10.40	3.59	9.50	3.18
	0.0	-0.7	12.80	4.41	12.00	3.99	11.30	3.61	10.40	3.21	9.50	2.84
	3.0	2.2	12.80	3.94	12.00	3.57	11.30	3.23	10.40	2.88	9.50	2.55
	5.0	4.1	12.80	3.66	12.00	3.33	11.30	3.02	10.40	2.69	9.50	2.39
	7.0	6.0	12.80	3.42	12.00	3.11	11.30	2.82	10.40	2.52	9.50	2.24
	9.0	7.9	12.80	3.21	12.00	2.92	11.30	2.65	10.40	2.37	9.50	2.11
	11.0	9.8	12.80	3.02	12.00	2.75	11.30	2.50	10.40	2.24	9.50	2.00
	13.0	11.8	12.80	2.85	12.00	2.60	11.30	2.37	10.40	2.13	9.50	1.90
	15.0	13.7	12.80	2.70	12.00	2.47	11.30	2.25	10.40	2.03	9.50	1.82
80	-20.0	-20.2	9.10	4.68	8.60	4.68	8.00	4.20	7.20	3.91	6.40	3.39
	-17.0	-17.3	9.80	4.78	9.20	4.78	8.60	4.30	7.90	4.00	7.10	3.49
	-15.0	-15.3	10.20	4.85	9.70	4.85	9.10	4.36	8.30	4.07	7.60	3.55
	-12.0	-12.4	10.90	4.94	10.40	4.94	9.80	4.46	9.00	4.17	8.20	3.65
	-10.0	-10.5	11.20	5.01	10.60	5.01	10.00	4.53	9.20	4.03	8.40	3.54
	-7.0	-7.6	11.40	4.93	10.70	4.45	10.00	4.01	9.20	3.57	8.40	3.14
	-5.0	-5.6	11.40	4.55	10.70	4.11	10.00	3.70	9.20	3.30	8.40	2.90
	-3.0	-3.7	11.40	4.21	10.70	3.80	10.00	3.43	9.20	3.06	8.40	2.69
	0.0	-0.7	11.40	3.75	10.70	3.39	10.00	3.06	9.20	2.74	8.40	2.41
	3.0	2.2	11.40	3.36	10.70	3.04	10.00	2.75	9.20	2.46	8.40	2.17
	5.0	4.1	11.40	3.13	10.70	2.84	10.00	2.57	9.20	2.30	8.40	2.03
	7.0	6.0	11.40	2.93	10.70	2.66	10.00	2.41	9.20	2.16	8.40	1.91
	9.0	7.9	11.40	2.75	10.70	2.50	10.00	2.27	9.20	2.04	8.40	1.81
	11.0	9.8	11.40	2.60	10.70	2.36	10.00	2.15	9.20	1.93	8.40	1.71
	13.0	11.8	11.40	2.46	10.70	2.24	10.00	2.04	9.20	1.84	8.40	1.63
	15.0	13.7	11.40	2.34	10.70	2.14	10.00	1.95	9.20	1.75	8.40	1.56
70	-20.0	-20.2	7.90	4.31	7.30	4.08	6.80	3.65	6.10	3.20	5.40	2.78
	-17.0	-17.3	8.60	4.41	8.00	4.18	7.40	3.75	6.80	3.30	6.10	2.88
	-15.0	-15.3	9.10	4.47	8.50	4.24	7.90	3.81	7.20	3.37	6.60	2.94
	-12.0	-12.4	9.70	4.57	9.10	4.34	8.60	3.91	7.90	3.46	7.20	3.04
	-10.0	-10.5	10.00	4.64	9.40	4.20	8.80	3.79	8.10	3.36	7.40	2.95
	-7.0	-7.6	10.00	4.11	9.40	3.72	8.80	3.36	8.10	2.98	7.40	2.62
	-5.0	-5.6	10.00	3.80	9.40	3.44	8.80	3.11	8.10	2.76	7.40	2.43
	-3.0	-3.7	10.00	3.51	9.40	3.19	8.80	2.88	8.10	2.55	7.40	2.25
	0.0	-0.7	10.00	3.14	9.40	2.85	8.80	2.58	8.10	2.29	7.40	2.02
	3.0	2.2	10.00	2.82	9.40	2.56	8.80	2.32	8.10	2.07	7.40	1.82
	5.0	4.1	10.00	2.63	9.40	2.40	8.80	2.17	8.10	1.94	7.40	1.71
	7.0	6.0	10.00	2.47	9.40	2.25	8.80	2.04	8.10	1.82	7.40	1.61
	9.0	7.9	10.00	2.33	9.40	2.12	8.80	1.93	8.10	1.72	7.40	1.52
	11.0	9.8	10.00	2.20	9.40	2.01	8.80	1.83	8.10	1.63	7.40	1.45
	13.0	11.8	10.00	2.09	9.40	1.91	8.80	1.74	8.10	1.56	7.40	1.38
	15.0	13.7	10.00	2.00	9.40	1.83	8.80	1.66	8.10	1.49	7.40	1.33
60	-20.0	-20.2	6.60	3.65	6.10	3.28	5.60	2.93	5.00	2.57	4.40	2.23
	-17.0	-17.3	7.30	3.75	6.80	3.38	6.30	3.03	5.70	2.67	5.10	2.33
	-15.0	-15.3	7.70	3.81	7.20	3.44	6.70	3.09	6.10	2.74	5.60	2.40
	-12.0	-12.4	8.40	3.91	7.90	3.54	7.40	3.19	6.80	2.84	6.20	2.49
	-10.0	-10.5	8.60	3.79	8.00	3.43	7.50	3.10	6.90	2.76	6.30	2.43
	-7.0	-7.6	8.60	3.36	8.00	3.04	7.50	2.75	6.90	2.45	6.30	2.16
	-5.0	-5.6	8.60	3.11	8.00	2.82	7.50	2.55	6.90	2.27	6.30	2.00
	-3.0	-3.7	8.60	2.88	8.00	2.61	7.50	2.36	6.90	2.10	6.30	1.86
	0.0	-0.7	8.60	2.58	8.00	2.34	7.50	2.12	6.90	1.89	6.30	1.67
	3.0	2.2	8.60	2.32	8.00	2.11	7.50	1.91	6.90	1.71	6.30	1.51
	5.0	4.1	8.60	2.17	8.00	1.98	7.50	1.80	6.90	1.60	6.30	1.42
	7.0	6.0	8.60	2.04	8.00	1.86	7.50	1.69	6.90	1.51	6.30	1.34
	9.0	7.9	8.60	1.93	8.00	1.76	7.50	1.60	6.90	1.43	6.30	1.27
	11.0	9.8	8.60	1.83	8.00	1.67	7.50	1.52	6.90	1.36	6.30	1.21
	13.0	11.8	8.60	1.74	8.00	1.59	7.50	1.45	6.90	1.30	6.30	1.16
	15.0	13.7	8.60	1.66	8.00	1.53	7.50	1.39	6.90	1.25	6.30	1.11

10. Capacity Table

AM040BXMDEH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	-20.0	-20.2	5.20	2.85	4.80	2.55	4.40	2.27	3.90	1.97	3.40	1.72
	-17.0	-17.3	5.90	2.95	5.50	2.65	5.10	2.36	4.60	2.07	4.10	1.82
	-15.0	-15.3	6.40	3.01	5.90	2.71	5.50	2.43	5.00	2.14	4.60	1.88
	-12.0	-12.4	7.00	3.11	6.60	2.81	6.20	2.53	5.70	2.23	5.20	1.98
	-10.0	-10.5	7.10	3.02	6.70	2.73	6.30	2.46	5.80	2.18	5.30	1.93
	-7.0	-7.6	7.10	2.68	6.70	2.43	6.30	2.19	5.80	1.94	5.30	1.72
	-5.0	-5.6	7.10	2.48	6.70	2.25	6.30	2.03	5.80	1.80	5.30	1.60
	-3.0	-3.7	7.10	2.30	6.70	2.09	6.30	1.88	5.80	1.67	5.30	1.48
	0.0	-0.7	7.10	2.07	6.70	1.87	6.30	1.69	5.80	1.50	5.30	1.34
	3.0	2.2	7.10	1.87	6.70	1.69	6.30	1.53	5.80	1.36	5.30	1.21
	5.0	4.1	7.10	1.75	6.70	1.59	6.30	1.44	5.80	1.28	5.30	1.14
	7.0	6.0	7.10	1.65	6.70	1.50	6.30	1.36	5.80	1.21	5.30	1.08
	9.0	7.9	7.10	1.56	6.70	1.42	6.30	1.29	5.80	1.15	5.30	1.03
	11.0	9.8	7.10	1.49	6.70	1.35	6.30	1.23	5.80	1.10	5.30	0.98
	13.0	11.8	7.10	1.42	6.70	1.29	6.30	1.18	5.80	1.05	5.30	0.94
	15.0	13.7	7.10	1.36	6.70	1.24	6.30	1.13	5.80	1.01	5.30	0.90

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM050BXMDEH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	11.80	1.64	14.40	2.02	16.90	2.44	18.20	2.67	19.30	2.89	21.50	3.39	23.70	3.97
	12	11.80	1.72	14.40	2.13	16.90	2.59	18.20	2.84	19.30	3.09	21.50	3.63	23.70	4.27
	14	11.80	1.82	14.40	2.26	16.90	2.77	18.20	3.04	19.30	3.30	21.50	3.90	23.70	4.59
	16	11.80	1.92	14.40	2.41	16.90	2.96	18.20	3.25	19.30	3.54	21.50	4.19	23.70	4.95
	18	11.80	2.04	14.40	2.57	16.90	3.17	18.20	3.49	19.30	3.81	21.50	4.52	23.70	5.34
	20	11.80	2.18	14.40	2.75	16.90	3.40	18.20	3.76	19.30	4.10	21.50	4.87	23.60	5.39
	21	11.80	2.25	14.40	2.85	16.90	3.53	18.20	3.90	19.30	4.26	21.50	5.06	23.10	5.32
	23	11.80	2.41	14.40	3.06	16.90	3.80	18.20	4.20	19.30	4.60	21.50	5.46	22.30	5.19
	25	11.80	2.59	14.40	3.30	16.90	4.10	18.20	4.54	19.30	4.96	21.00	5.32	21.50	5.05
	27	11.80	2.78	14.40	3.55	16.90	4.43	18.20	4.90	19.30	5.36	20.20	5.19	20.60	4.92
	29	11.80	3.00	14.40	3.84	16.90	4.78	18.20	5.29	18.90	5.39	19.30	5.05	19.80	4.78
	31	11.80	3.23	14.40	4.14	16.90	5.16	17.90	5.39	18.10	5.26	18.50	4.92	18.90	4.65
	33	11.80	3.49	14.40	4.47	16.80	5.30	17.00	5.26	17.20	5.12	17.70	4.78	18.10	4.51
	35	11.80	3.77	14.40	4.83	15.90	5.16	16.20	5.12	16.40	4.99	16.80	4.65	17.30	4.38
	37	11.80	4.07	14.40	5.22	15.10	5.03	15.30	4.99	15.50	4.85	16.00	4.51	16.40	4.24
	39	11.80	4.40	13.70	5.08	14.20	4.89	14.50	4.85	14.70	4.72	15.10	4.38	15.60	4.11
	43	10.90	4.37	12.00	4.81	12.60	4.62	12.80	4.58	13.00	4.45	13.50	4.11	13.90	3.84
	46	9.60	4.16	10.80	4.61	11.30	4.42	11.60	4.38	11.80	4.24	12.20	3.90	12.60	3.63
	48	8.80	4.03	9.90	4.47	10.50	4.28	10.70	4.24	10.90	4.11	11.40	3.77	11.80	3.50
120	10	10.90	1.46	13.30	1.81	15.60	2.19	16.80	2.39	17.80	2.59	19.80	3.02	21.80	3.53
	12	10.90	1.54	13.30	1.91	15.60	2.32	16.80	2.54	17.80	2.75	19.80	3.23	21.80	3.78
	14	10.90	1.62	13.30	2.02	15.60	2.46	16.80	2.70	17.80	2.94	19.80	3.46	21.80	4.06
	16	10.90	1.71	13.30	2.14	15.60	2.63	16.80	2.89	17.80	3.15	19.80	3.71	21.80	4.37
	18	10.90	1.81	13.30	2.29	15.60	2.81	16.80	3.10	17.80	3.38	19.80	3.99	21.80	4.71
	20	10.90	1.93	13.30	2.44	15.60	3.01	16.80	3.33	17.80	3.63	19.80	4.30	21.80	5.07
	21	10.90	1.99	13.30	2.53	15.60	3.12	16.80	3.45	17.80	3.77	19.80	4.46	21.80	5.27
	23	10.90	2.13	13.30	2.71	15.60	3.36	16.80	3.72	17.80	4.06	19.80	4.82	21.80	5.46
	25	10.90	2.29	13.30	2.92	15.60	3.62	16.80	4.01	17.80	4.38	19.80	5.20	21.10	5.32
	27	10.90	2.46	13.30	3.14	15.60	3.91	16.80	4.32	17.80	4.73	19.80	5.46	20.30	5.19
	29	10.90	2.64	13.30	3.38	15.60	4.22	16.80	4.67	17.80	5.11	19.00	5.32	19.40	5.05
	31	10.90	2.85	13.30	3.65	15.60	4.55	16.80	5.04	17.80	5.24	18.20	5.19	18.60	4.92
	33	10.90	3.07	13.30	3.94	15.60	4.92	16.70	5.17	16.90	5.10	17.30	5.05	17.70	4.78
	35	10.90	3.32	13.30	4.26	15.60	5.31	15.90	5.04	16.10	4.97	16.50	4.92	16.90	4.65
	37	10.90	3.59	13.30	4.60	14.80	5.17	15.10	4.90	15.30	4.83	15.70	4.78	16.10	4.51
	39	10.90	3.87	13.30	4.97	14.00	5.04	14.20	4.77	14.40	4.70	14.80	4.65	15.20	4.38
	43	10.40	4.05	11.60	4.70	12.30	4.77	12.50	4.50	12.70	4.43	13.10	4.38	13.50	4.11
	46	9.20	3.84	10.30	4.49	11.00	4.57	11.30	4.29	11.50	4.22	11.90	4.17	12.30	3.90
	48	8.30	3.71	9.50	4.36	10.20	4.43	10.40	4.16	10.60	4.09	11.00	4.04	11.40	3.77
110	10	10.00	1.31	12.20	1.62	14.30	1.96	15.40	2.13	16.30	2.31	18.20	2.69	20.00	3.13
	12	10.00	1.37	12.20	1.70	14.30	2.07	15.40	2.26	16.30	2.45	18.20	2.86	20.00	3.34
	14	10.00	1.44	12.20	1.80	14.30	2.19	15.40	2.40	16.30	2.61	18.20	3.06	20.00	3.58
	16	10.00	1.52	12.20	1.91	14.30	2.33	15.40	2.56	16.30	2.78	18.20	3.27	20.00	3.84
	18	10.00	1.61	12.20	2.03	14.30	2.49	15.40	2.74	16.30	2.98	18.20	3.52	20.00	4.13
	20	10.00	1.71	12.20	2.16	14.30	2.66	15.40	2.94	16.30	3.20	18.20	3.78	20.00	4.45
	21	10.00	1.77	12.20	2.24	14.30	2.76	15.40	3.04	16.30	3.32	18.20	3.92	20.00	4.62
	23	10.00	1.89	12.20	2.40	14.30	2.96	15.40	3.27	16.30	3.57	18.20	4.23	20.00	4.99
	25	10.00	2.02	12.20	2.57	14.30	3.19	15.40	3.53	16.30	3.85	18.20	4.56	20.00	5.39
	27	10.00	2.17	12.20	2.77	14.30	3.44	15.40	3.80	16.30	4.15	18.20	4.93	19.90	5.39
	29	10.00	2.33	12.20	2.98	14.30	3.71	15.40	4.10	16.30	4.49	18.20	5.32	19.10	5.26
	31	10.00	2.51	12.20	3.22	14.30	4.00	15.40	4.43	16.30	4.84	17.80	5.39	18.20	5.12
	33	10.00	2.71	12.20	3.47	14.30	4.32	15.40	4.79	16.30	5.23	17.00	5.26	17.40	4.99
	35	10.00	2.92	12.20	3.75	14.30	4.67	15.40	5.17	15.80	5.10	16.20	5.12	16.50	4.85
	37	10.00	3.15	12.20	4.05	14.30	5.04	14.80	5.03	15.00	4.96	15.30	4.99	15.70	4.72
	39	10.00	3.41	12.20	4.37	13.70	4.91	13.90	4.90	14.10	4.83	14.50	4.85	14.90	4.58
	43	10.00	3.75	11.10	4.34	12.00	4.64	12.30	4.63	12.40	4.56	12.80	4.58	13.20	4.31
	46	8.70	3.55	9.80	4.14	10.80	4.43	11.00	4.43	11.20	4.35	11.50	4.38	11.90	4.11
	48	7.90	3.42	9.00	4.00	9.90	4.30	10.20	4.29	10.30	4.22	10.70	4.24	11.10	3.97
100	10	9.10	1.16	11.10	1.44	13.00	1.73	14.00	1.90	14.80	2.05	16.50	2.38	18.20	2.77
	12	9.10	1.22	11.10	1.51	13.00	1.83	14.00	2.00	14.80	2.17	16.50	2.53	18.20	2.95
	14	9.10	1.28	11.10	1.59	13.00	1.93	14.00	2.12	14.80	2.30	16.50	2.70	18.20	3.15
	16	9.10	1.34	11.10	1.68	13.00	2.05	14.00	2.26	14.80	2.45	16.50	2.88	18.20	3.37
	18	9.10	1.42	11.10	1.79	13.00	2.19	14.00	2.41	14.80	2.62	16.50	3.08	18.20	3.62
	20	9.10	1.51	11.10	1.90	13.00	2.34	14.00	2.58	14.80	2.81	16.50	3.31	18.20	3.89
	21	9.10	1.55	11.10	1.96	13.00	2.42	14.00	2.67	14.80	2.91	16.50	3.43	18.20	4.04
	23	9.10	1.65	11.10	2.10	13.00	2.59	14.00	2.86	14.80	3.12	16.50	3.70	18.20	4.36
	25	9.10	1.77	11.10	2.25	13.00	2.79	14.00	3.08	14.80	3.36	16.50	3.99	18.20	4.70
	27	9.10	1.90	11.10	2.42	13.00	3.00	14.00	3.32	14.80	3.63	16.50	4.30	18.20	5.07
	29	9.10	2.04	11.10	2.60	13.00	3.23	14.00	3.58	14.80	3.91	16.50	4.64	18.20	5.46
	31	9.10	2.19	11.10	2.81	13.00	3.49	14.00	3.87	14.80	4.23	16.50	5.02	17.90	5.39
	33	9.10	2.36	11.10	3.03	13.00	3.77	14.00	4.18	14.80	4.56	16.50	5.42	17.00	5.26
	35	9.10	2.55	11.10	3.27	13.00	4.07	14.00	4.51	14.80	4.93	15.80	5.28	16.20	5.12
	37	9.10	2.75	11.10	3.53	13.00	4.40	14.00	4.87	14.70	5.05	15.00	5.15	15.30	4.99
	39	9.10	2.97	11.10	3.81	13.00	4.75	13.70	5.00	13.80	4.92	14.20	5.01	14.50	4.85
	43	9.10	3.47	10.50	3.98	11.50	4.47	12.00	4.73	12.10	4.65	12.50	4.74	12.80	4.58
	46	8.30	3.47	9.20	3.78	10.20	4.27	10.70	4.53	10.90	4.45	11.20	4.54	11.60	4.38
	48	7.40	3.33	8.40	3.64	9.40	4.14	9.90	4.40	10.00	4.31	10.40	4.40	10.70	4.24

10. Capacity Table

AM050BXMDEH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	10	8.20	1.01	10.00	1.25	11.70	1.51	12.60	1.64	13.40	1.77	14.90	2.06	16.40	2.39
	12	8.20	1.05	10.00	1.31	11.70	1.58	12.60	1.73	13.40	1.87	14.90	2.18	16.40	2.54
	14	8.20	1.10	10.00	1.37	11.70	1.67	12.60	1.83	13.40	1.98	14.90	2.32	16.40	2.70
	16	8.20	1.15	10.00	1.45	11.70	1.77	12.60	1.94	13.40	2.10	14.90	2.47	16.40	2.89
	18	8.20	1.22	10.00	1.53	11.70	1.88	12.60	2.06	13.40	2.24	14.90	2.64	16.40	3.09
	20	8.20	1.29	10.00	1.63	11.70	2.00	12.60	2.20	13.40	2.40	14.90	2.83	16.40	3.32
	21	8.20	1.33	10.00	1.68	11.70	2.07	12.60	2.28	13.40	2.48	14.90	2.93	16.40	3.44
	23	8.20	1.41	10.00	1.79	11.70	2.21	12.60	2.44	13.40	2.66	14.90	3.15	16.40	3.70
	25	8.20	1.51	10.00	1.92	11.70	2.38	12.60	2.62	13.40	2.86	14.90	3.39	16.40	3.99
	27	8.20	1.61	10.00	2.06	11.70	2.56	12.60	2.82	13.40	3.08	14.90	3.66	16.40	4.31
	29	8.20	1.73	10.00	2.22	11.70	2.75	12.60	3.04	13.40	3.32	14.90	3.95	16.40	4.65
	31	8.20	1.86	10.00	2.39	11.70	2.97	12.60	3.28	13.40	3.58	14.90	4.26	16.40	5.02
	33	8.20	2.00	10.00	2.58	11.70	3.20	12.60	3.55	13.40	3.87	14.90	4.60	16.40	5.43
	35	8.20	2.16	10.00	2.78	11.70	3.46	12.60	3.83	13.40	4.18	14.90	4.97	15.80	5.29
	37	8.20	2.33	10.00	3.00	11.70	3.74	12.60	4.14	13.40	4.51	14.70	5.10	15.00	5.16
	39	8.20	2.52	10.00	3.24	11.70	4.04	12.60	4.47	13.30	4.62	13.80	4.96	14.10	5.02
	43	8.20	2.94	9.90	3.57	10.80	3.99	11.30	4.20	11.70	4.35	12.10	4.69	12.40	4.75
	46	7.80	3.10	8.70	3.37	9.60	3.79	10.00	3.99	10.40	4.15	10.90	4.49	11.20	4.55
	48	7.00	2.97	7.80	3.23	8.70	3.65	9.20	3.86	9.60	4.01	10.00	4.35	10.30	4.41
80	10	7.30	0.86	8.90	1.07	10.40	1.30	11.20	1.41	11.90	1.53	13.20	1.78	14.60	2.06
	12	7.30	0.90	8.90	1.12	10.40	1.36	11.20	1.48	11.90	1.61	13.20	1.87	14.60	2.17
	14	7.30	0.94	8.90	1.17	10.40	1.43	11.20	1.56	11.90	1.70	13.20	1.98	14.60	2.31
	16	7.30	0.98	8.90	1.23	10.40	1.51	11.20	1.65	11.90	1.80	13.20	2.10	14.60	2.46
	18	7.30	1.04	8.90	1.30	10.40	1.60	11.20	1.75	11.90	1.91	13.20	2.24	14.60	2.62
	20	7.30	1.09	8.90	1.38	10.40	1.70	11.20	1.87	11.90	2.03	13.20	2.40	14.60	2.81
	21	7.30	1.13	8.90	1.42	10.40	1.75	11.20	1.93	11.90	2.10	13.20	2.48	14.60	2.91
	23	7.30	1.20	8.90	1.51	10.40	1.87	11.20	2.07	11.90	2.25	13.20	2.66	14.60	3.13
	25	7.30	1.27	8.90	1.62	10.40	2.01	11.20	2.22	11.90	2.42	13.20	2.86	14.60	3.37
	27	7.30	1.36	8.90	1.73	10.40	2.16	11.20	2.38	11.90	2.60	13.20	3.08	14.60	3.63
	29	7.30	1.46	8.90	1.86	10.40	2.32	11.20	2.56	11.90	2.80	13.20	3.32	14.60	3.91
	31	7.30	1.57	8.90	2.00	10.40	2.50	11.20	2.76	11.90	3.02	13.20	3.58	14.60	4.23
	33	7.30	1.69	8.90	2.16	10.40	2.70	11.20	2.98	11.90	3.26	13.20	3.87	14.60	4.56
	35	7.30	1.82	8.90	2.33	10.40	2.91	11.20	3.22	11.90	3.52	13.20	4.18	14.60	4.93
	37	7.30	1.96	8.90	2.52	10.40	3.14	11.20	3.48	11.90	3.80	13.20	4.51	14.60	5.32
	39	7.30	2.12	8.90	2.72	10.40	3.39	11.20	3.76	11.90	4.11	13.20	4.87	13.80	5.19
	43	7.30	2.47	8.90	3.17	10.20	3.74	10.60	3.92	10.90	4.06	11.60	4.60	12.10	4.92
	46	7.30	2.78	8.10	3.16	8.90	3.54	9.30	3.72	9.60	3.86	10.30	4.40	10.80	4.71
	48	6.50	2.64	7.30	3.02	8.10	3.40	8.50	3.58	8.80	3.73	9.50	4.26	10.00	4.58
70	10	6.40	0.73	7.70	0.91	9.10	1.10	9.80	1.21	10.40	1.30	11.60	1.51	12.70	1.75
	12	6.40	0.76	7.70	0.95	9.10	1.15	9.80	1.26	10.40	1.36	11.60	1.59	12.70	1.85
	14	6.40	0.79	7.70	0.99	9.10	1.21	9.80	1.33	10.40	1.43	11.60	1.68	12.70	1.95
	16	6.40	0.83	7.70	1.04	9.10	1.27	9.80	1.40	10.40	1.51	11.60	1.78	12.70	2.07
	18	6.40	0.87	7.70	1.10	9.10	1.35	9.80	1.48	10.40	1.60	11.60	1.89	12.70	2.20
	20	6.40	0.92	7.70	1.16	9.10	1.43	9.80	1.57	10.40	1.70	11.60	2.01	12.70	2.35
	21	6.40	0.94	7.70	1.20	9.10	1.47	9.80	1.62	10.40	1.76	11.60	2.08	12.70	2.43
	23	6.40	1.00	7.70	1.27	9.10	1.57	9.80	1.73	10.40	1.88	11.60	2.22	12.70	2.61
	25	6.40	1.06	7.70	1.36	9.10	1.68	9.80	1.85	10.40	2.02	11.60	2.38	12.70	2.80
	27	6.40	1.13	7.70	1.45	9.10	1.80	9.80	1.99	10.40	2.16	11.60	2.56	12.70	3.02
	29	6.40	1.22	7.70	1.56	9.10	1.93	9.80	2.14	10.40	2.33	11.60	2.76	12.70	3.25
	31	6.40	1.30	7.70	1.67	9.10	2.08	9.80	2.30	10.40	2.51	11.60	2.98	12.70	3.51
	33	6.40	1.40	7.70	1.80	9.10	2.24	9.80	2.48	10.40	2.70	11.60	3.21	12.70	3.79
	35	6.40	1.51	7.70	1.94	9.10	2.42	9.80	2.68	10.40	2.92	11.60	3.47	12.70	4.09
	37	6.40	1.63	7.70	2.09	9.10	2.61	9.80	2.89	10.40	3.15	11.60	3.75	12.70	4.42
	39	6.40	1.76	7.70	2.26	9.10	2.82	9.80	3.13	10.40	3.41	11.60	4.05	12.70	4.77
	43	6.40	2.05	7.70	2.64	9.10	3.29	9.80	3.64	10.20	3.75	10.80	4.23	11.30	4.50
	46	6.40	2.30	7.60	2.78	8.30	3.09	8.60	3.44	8.90	3.55	9.50	4.03	10.10	4.30
	48	6.10	2.32	6.70	2.65	7.40	2.95	7.80	3.31	8.10	3.42	8.70	3.90	9.20	4.16
60	10	5.50	0.61	6.60	0.76	7.80	0.92	8.40	1.01	8.90	1.09	9.90	1.27	10.90	1.47
	12	5.50	0.63	6.60	0.79	7.80	0.96	8.40	1.05	8.90	1.14	9.90	1.33	10.90	1.55
	14	5.50	0.66	6.60	0.82	7.80	1.01	8.40	1.10	8.90	1.19	9.90	1.40	10.90	1.63
	16	5.50	0.68	6.60	0.86	7.80	1.06	8.40	1.16	8.90	1.26	9.90	1.48	10.90	1.72
	18	5.50	0.72	6.60	0.91	7.80	1.11	8.40	1.22	8.90	1.33	9.90	1.56	10.90	1.82
	20	5.50	0.75	6.60	0.96	7.80	1.18	8.40	1.30	8.90	1.41	9.90	1.66	10.90	1.94
	21	5.50	0.78	6.60	0.98	7.80	1.21	8.40	1.33	8.90	1.45	9.90	1.71	10.90	2.01
	23	5.50	0.82	6.60	1.04	7.80	1.29	8.40	1.42	8.90	1.55	9.90	1.83	10.90	2.15
	25	5.50	0.87	6.60	1.11	7.80	1.38	8.40	1.52	8.90	1.65	9.90	1.96	10.90	2.30
	27	5.50	0.93	6.60	1.19	7.80	1.47	8.40	1.63	8.90	1.77	9.90	2.10	10.90	2.47
	29	5.50	0.99	6.60	1.27	7.80	1.58	8.40	1.74	8.90	1.90	9.90	2.26	10.90	2.66
	31	5.50	1.06	6.60	1.36	7.80	1.70	8.40	1.88	8.90	2.05	9.90	2.43	10.90	2.87
	33	5.50	1.14	6.60	1.47	7.80	1.83	8.40	2.02	8.90	2.21	9.90	2.62	10.90	3.09
	35	5.50	1.23	6.60	1.58	7.80	1.97	8.40	2.18	8.90	2.38	9.90	2.83	10.90	3.34
	37	5.50	1.33	6.60	1.70	7.80	2.13	8.40	2.35	8.90	2.57	9.90	3.06	10.90	3.61
	39	5.50	1.43	6.60	1.84	7.80	2.30	8.40	2.54	8.90	2.78	9.90	3.30	10.90	3.90
	43	5.50	1.67	6.60	2.15	7.80	2.68	8.40	2.96	8.90	3.24	9.90	3.85	10.40	4.07
	46	5.50	1.87	6.60	2.41	7.60	2.82	7.90	2.95	8.20	3.23	8.70	3.65	9.20	3.87
	48	5.50	2.02	6.20	2.27	6.80	2.69	7.10	2.81	7.30	3.09	7.80	3.51	8.30	3.73

10. Capacity Table

AM050BXMDEH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	10	4.60	0.49	5.50	0.62	6.50	0.76	7.00	0.82	7.40	0.90	8.30	1.05	9.10	1.21
	12	4.60	0.51	5.50	0.64	6.50	0.79	7.00	0.86	7.40	0.93	8.30	1.09	9.10	1.26
	14	4.60	0.53	5.50	0.67	6.50	0.82	7.00	0.90	7.40	0.98	8.30	1.14	9.10	1.33
	16	4.60	0.55	5.50	0.70	6.50	0.86	7.00	0.94	7.40	1.02	8.30	1.20	9.10	1.40
	18	4.60	0.58	5.50	0.73	6.50	0.90	7.00	0.99	7.40	1.08	8.30	1.26	9.10	1.47
	20	4.60	0.61	5.50	0.77	6.50	0.95	7.00	1.04	7.40	1.14	8.30	1.34	9.10	1.56
	21	4.60	0.62	5.50	0.79	6.50	0.98	7.00	1.07	7.40	1.17	8.30	1.38	9.10	1.61
	23	4.60	0.66	5.50	0.84	6.50	1.04	7.00	1.14	7.40	1.25	8.30	1.47	9.10	1.72
	25	4.60	0.70	5.50	0.89	6.50	1.10	7.00	1.21	7.40	1.33	8.30	1.57	9.10	1.84
	27	4.60	0.74	5.50	0.95	6.50	1.18	7.00	1.30	7.40	1.42	8.30	1.68	9.10	1.97
	29	4.60	0.79	5.50	1.02	6.50	1.26	7.00	1.39	7.40	1.52	8.30	1.80	9.10	2.12
	31	4.60	0.85	5.50	1.09	6.50	1.36	7.00	1.49	7.40	1.64	8.30	1.94	9.10	2.28
	33	4.60	0.91	5.50	1.17	6.50	1.46	7.00	1.61	7.40	1.76	8.30	2.09	9.10	2.46
	35	4.60	0.98	5.50	1.26	6.50	1.57	7.00	1.73	7.40	1.90	8.30	2.25	9.10	2.65
	37	4.60	1.06	5.50	1.36	6.50	1.69	7.00	1.87	7.40	2.05	8.30	2.43	9.10	2.86
	39	4.60	1.14	5.50	1.47	6.50	1.83	7.00	2.02	7.40	2.21	8.30	2.62	9.10	3.09
	43	4.60	1.33	5.50	1.71	6.50	2.13	7.00	2.35	7.40	2.58	8.30	3.06	9.10	3.60
	46	4.60	1.49	5.50	1.92	6.50	2.39	7.00	2.64	7.40	2.90	7.80	3.24	8.30	3.61
	48	4.60	1.61	5.50	2.07	6.10	2.42	6.40	2.50	6.60	2.76	7.00	3.10	7.40	3.47

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM050BXMDEH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-20.0	-20.2	12.80	3.51	12.50	3.85	12.20	4.08	11.90	4.42	10.80	4.46
	-17.0	-17.3	14.50	3.94	14.20	4.27	13.80	4.51	12.70	4.56	11.60	4.61
	-15.0	-15.3	15.70	4.23	15.40	4.56	14.40	4.61	13.30	4.65	12.20	4.70
	-12.0	-12.4	17.20	4.65	16.20	4.70	15.20	4.75	14.20	4.80	13.10	4.84
	-10.0	-10.5	17.70	4.75	16.80	4.80	15.80	4.84	14.70	4.89	13.60	4.94
	-7.0	-7.6	18.60	4.89	17.70	4.94	16.70	4.99	15.60	5.03	14.50	5.08
	-5.0	-5.6	19.20	4.99	18.30	5.03	17.30	5.08	16.20	5.13	15.10	5.18
	-3.0	-3.7	19.80	5.08	18.80	5.13	17.80	5.18	16.80	5.22	15.70	5.27
	0.0	-0.7	20.60	5.22	19.70	5.27	18.70	5.32	17.60	5.37	16.50	5.41
	3.0	2.2	21.50	5.37	20.60	5.41	19.50	5.46	18.20	5.46	16.80	5.46
	5.0	4.1	22.00	5.46	20.90	5.46	19.70	5.46	18.30	5.46	17.00	5.46
	7.0	6.0	22.20	5.46	21.10	5.46	19.80	5.46	18.50	5.46	17.20	5.46
	9.0	7.9	22.40	5.46	21.20	5.46	20.00	5.46	18.70	5.46	17.30	5.46
	11.0	9.8	22.50	5.46	21.40	5.46	20.20	5.46	18.80	5.46	17.50	5.40
	13.0	11.8	22.70	5.46	21.50	5.46	20.30	5.46	19.00	5.46	17.50	5.10
	15.0	13.7	22.80	5.46	21.70	5.46	20.50	5.46	19.10	5.38	17.50	4.83
120	-20.0	-20.2	12.40	3.85	12.20	4.08	11.90	4.32	11.00	4.46	10.00	4.51
	-17.0	-17.3	14.20	4.27	13.80	4.51	12.90	4.56	11.90	4.61	10.90	4.65
	-15.0	-15.3	15.20	4.56	14.30	4.61	13.50	4.65	12.40	4.70	11.50	4.75
	-12.0	-12.4	16.10	4.70	15.20	4.75	14.40	4.80	13.30	4.84	12.30	4.89
	-10.0	-10.5	16.70	4.80	15.80	4.84	14.90	4.89	13.90	4.94	12.90	4.99
	-7.0	-7.6	17.60	4.94	16.60	4.99	15.80	5.03	14.70	5.08	13.80	5.13
	-5.0	-5.6	18.10	5.03	17.20	5.08	16.40	5.13	15.30	5.18	14.30	5.22
	-3.0	-3.7	18.70	5.13	17.80	5.18	17.00	5.22	15.90	5.27	14.90	5.32
	0.0	-0.7	19.60	5.27	18.70	5.32	17.80	5.37	16.80	5.41	15.70	5.46
	3.0	2.2	20.40	5.41	19.40	5.46	18.40	5.46	17.10	5.46	15.90	5.46
	5.0	4.1	20.70	5.46	19.60	5.46	18.60	5.46	17.30	5.46	16.10	5.46
	7.0	6.0	20.90	5.46	19.70	5.46	18.70	5.46	17.40	5.46	16.10	5.21
	9.0	7.9	21.00	5.46	19.90	5.46	18.90	5.46	17.60	5.46	16.10	4.89
	11.0	9.8	21.20	5.46	20.10	5.46	19.00	5.46	17.70	5.17	16.10	4.61
	13.0	11.8	21.30	5.46	20.20	5.46	19.20	5.44	17.70	4.88	16.10	4.36
	15.0	13.7	21.50	5.46	20.40	5.46	19.20	5.14	17.70	4.63	16.10	4.15
110	-20.0	-20.2	12.10	4.08	11.80	4.32	11.10	4.46	10.10	4.51	9.20	4.56
	-17.0	-17.3	13.60	4.51	12.80	4.56	12.00	4.61	11.00	4.65	10.10	4.70
	-15.0	-15.3	14.20	4.61	13.40	4.65	12.60	4.70	11.60	4.75	10.60	4.80
	-12.0	-12.4	15.10	4.75	14.20	4.80	13.40	4.84	12.50	4.89	11.50	4.94
	-10.0	-10.5	15.60	4.84	14.80	4.89	14.00	4.94	13.00	4.99	12.10	5.03
	-7.0	-7.6	16.50	4.99	15.70	5.03	14.90	5.08	13.90	5.13	12.90	5.18
	-5.0	-5.6	17.10	5.08	16.30	5.13	15.40	5.18	14.50	5.22	13.50	5.27
	-3.0	-3.7	17.60	5.18	16.80	5.22	16.00	5.27	15.00	5.32	14.10	5.37
	0.0	-0.7	18.50	5.32	17.70	5.37	16.90	5.41	15.80	5.46	14.60	5.46
	3.0	2.2	19.20	5.46	18.20	5.46	17.20	5.46	16.00	5.46	14.80	5.08
	5.0	4.1	19.30	5.46	18.40	5.46	17.40	5.46	16.20	5.35	14.80	4.74
	7.0	6.0	19.50	5.46	18.50	5.46	17.50	5.46	16.20	5.00	14.80	4.44
	9.0	7.9	19.70	5.46	18.70	5.46	17.60	5.25	16.20	4.70	14.80	4.18
	11.0	9.8	19.80	5.46	18.80	5.43	17.60	4.94	16.20	4.43	14.80	3.94
	13.0	11.8	20.00	5.46	18.80	5.11	17.60	4.66	16.20	4.19	14.80	3.74
	15.0	13.7	20.10	5.28	18.80	4.84	17.60	4.42	16.20	3.98	14.80	3.56
100	-20.0	-20.2	11.60	4.42	10.90	4.46	10.20	4.51	9.30	4.56	8.40	4.29
	-17.0	-17.3	12.50	4.56	11.80	4.61	11.00	4.65	10.20	4.70	9.20	4.43
	-15.0	-15.3	13.10	4.65	12.30	4.70	11.60	4.75	10.70	4.80	9.80	4.52
	-12.0	-12.4	13.90	4.80	13.20	4.84	12.50	4.89	11.60	4.94	10.70	4.67
	-10.0	-10.5	14.50	4.89	13.80	4.94	13.00	4.99	12.20	5.03	11.20	4.76
	-7.0	-7.6	15.40	5.03	14.60	5.08	13.90	5.13	13.00	5.18	12.10	4.90
	-5.0	-5.6	15.90	5.13	15.20	5.18	14.50	5.22	13.60	5.27	12.70	5.00
	-3.0	-3.7	16.50	5.22	15.80	5.27	15.10	5.32	14.20	5.37	13.30	5.09
	0.0	-0.7	17.40	5.37	16.60	5.41	15.80	5.46	14.70	5.41	13.40	4.77
	3.0	2.2	17.80	5.46	16.90	5.46	16.00	5.46	14.70	4.85	13.40	4.29
	5.0	4.1	17.90	5.46	17.00	5.46	16.00	5.08	14.70	4.53	13.40	4.01
	7.0	6.0	18.10	5.46	17.10	5.24	16.00	4.75	14.70	4.24	13.40	3.76
	9.0	7.9	18.20	5.39	17.10	4.91	16.00	4.46	14.70	3.99	13.40	3.55
	11.0	9.8	18.20	5.07	17.10	4.62	16.00	4.20	14.70	3.77	13.40	3.36
	13.0	11.8	18.20	4.78	17.10	4.37	16.00	3.98	14.70	3.58	13.40	3.19
	15.0	13.7	18.20	4.53	17.10	4.14	16.00	3.78	14.70	3.41	13.40	3.04

10. Capacity Table

AM050BXMDEH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	-20.0	-20.2	10.30	4.51	9.80	4.51	9.10	4.54	8.20	4.16	7.30	3.79
	-17.0	-17.3	11.20	4.65	10.60	4.65	10.00	4.68	9.10	4.31	8.20	3.93
	-15.0	-15.3	11.80	4.75	11.20	4.75	10.60	4.77	9.60	4.40	8.70	4.03
	-12.0	-12.4	12.60	4.89	12.10	4.89	11.40	4.92	10.50	4.54	9.60	4.17
	-10.0	-10.5	13.20	4.99	12.60	4.99	12.00	5.01	11.10	4.64	10.20	4.26
	-7.0	-7.6	14.10	5.13	13.50	5.13	12.90	5.15	12.00	4.78	11.00	4.41
	-5.0	-5.6	14.70	5.22	14.10	5.22	13.40	5.25	12.50	4.88	11.60	4.50
	-3.0	-3.7	15.20	5.32	14.70	5.32	14.00	5.34	13.10	4.97	12.10	4.60
	0.0	-0.7	16.00	5.46	15.30	5.46	14.40	5.24	13.30	4.66	12.10	4.12
	3.0	2.2	16.30	5.46	15.40	5.19	14.40	4.70	13.30	4.19	12.10	3.71
	5.0	4.1	16.40	5.34	15.40	4.84	14.40	4.39	13.30	3.91	12.10	3.47
	7.0	6.0	16.40	4.99	15.40	4.53	14.40	4.11	13.30	3.67	12.10	3.26
	9.0	7.9	16.40	4.68	15.40	4.26	14.40	3.87	13.30	3.46	12.10	3.08
	11.0	9.8	16.40	4.41	15.40	4.02	14.40	3.66	13.30	3.28	12.10	2.92
	13.0	11.8	16.40	4.17	15.40	3.81	14.40	3.47	13.30	3.11	12.10	2.78
	15.0	13.7	16.40	3.96	15.40	3.62	14.40	3.31	13.30	2.97	12.10	2.66
80	-20.0	-20.2	9.20	4.56	8.60	4.46	7.90	3.95	7.00	3.61	6.20	3.29
	-17.0	-17.3	10.10	4.70	9.40	4.60	8.70	4.09	7.90	3.76	7.10	3.44
	-15.0	-15.3	10.60	4.80	10.00	4.69	9.30	4.18	8.50	3.85	7.70	3.53
	-12.0	-12.4	11.50	4.94	10.90	4.84	10.20	4.33	9.30	3.99	8.50	3.67
	-10.0	-10.5	12.10	5.03	11.40	4.93	10.70	4.42	9.90	4.09	9.10	3.77
	-7.0	-7.6	12.90	5.18	12.30	5.07	11.60	4.56	10.80	4.23	10.00	3.91
	-5.0	-5.6	13.50	5.27	12.90	5.17	12.20	4.66	11.40	4.33	10.50	4.01
	-3.0	-3.7	14.10	5.37	13.50	5.26	12.70	4.75	11.80	4.42	10.80	3.90
	0.0	-0.7	14.60	5.45	13.70	4.93	12.80	4.46	11.80	3.96	10.80	3.50
	3.0	2.2	14.60	4.89	13.70	4.43	12.80	4.01	11.80	3.57	10.80	3.16
	5.0	4.1	14.60	4.56	13.70	4.14	12.80	3.75	11.80	3.34	10.80	2.96
	7.0	6.0	14.60	4.27	13.70	3.88	12.80	3.52	11.80	3.14	10.80	2.79
	9.0	7.9	14.60	4.02	13.70	3.66	12.80	3.32	11.80	2.97	10.80	2.64
	11.0	9.8	14.60	3.80	13.70	3.46	12.80	3.15	11.80	2.82	10.80	2.51
	13.0	11.8	14.60	3.60	13.70	3.29	12.80	2.99	11.80	2.68	10.80	2.40
	15.0	13.7	14.60	3.43	13.70	3.14	12.80	2.86	11.80	2.57	10.80	2.30
70	-20.0	-20.2	7.80	4.05	7.20	3.80	6.60	3.36	5.90	3.08	5.20	2.80
	-17.0	-17.3	8.70	4.20	8.10	3.95	7.40	3.50	6.70	3.22	6.00	2.94
	-15.0	-15.3	9.30	4.29	8.60	4.04	8.00	3.60	7.30	3.31	6.60	3.04
	-12.0	-12.4	10.10	4.43	9.50	4.18	8.90	3.74	8.20	3.46	7.50	3.18
	-10.0	-10.5	10.70	4.53	10.10	4.28	9.50	3.84	8.70	3.55	8.00	3.28
	-7.0	-7.6	11.60	4.67	10.90	4.42	10.30	3.98	9.60	3.69	8.90	3.42
	-5.0	-5.6	12.10	4.77	11.50	4.52	10.90	4.07	10.20	3.79	9.40	3.51
	-3.0	-3.7	12.70	4.86	12.00	4.61	11.20	4.17	10.30	3.70	9.40	3.26
	0.0	-0.7	12.80	4.56	12.00	4.13	11.20	3.74	10.30	3.32	9.40	2.93
	3.0	2.2	12.80	4.10	12.00	3.72	11.20	3.37	10.30	3.00	9.40	2.65
	5.0	4.1	12.80	3.84	12.00	3.48	11.20	3.16	10.30	2.81	9.40	2.49
	7.0	6.0	12.80	3.60	12.00	3.27	11.20	2.97	10.30	2.65	9.40	2.35
	9.0	7.9	12.80	3.40	12.00	3.09	11.20	2.81	10.30	2.51	9.40	2.23
	11.0	9.8	12.80	3.22	12.00	2.93	11.20	2.67	10.30	2.39	9.40	2.12
	13.0	11.8	12.80	3.06	12.00	2.79	11.20	2.54	10.30	2.28	9.40	2.03
	15.0	13.7	12.80	2.92	12.00	2.67	11.20	2.44	10.30	2.19	9.40	1.95
60	-20.0	-20.2	6.40	3.58	5.80	3.16	5.30	2.97	4.70	2.54	4.10	2.33
	-17.0	-17.3	7.20	3.72	6.70	3.31	6.20	3.11	5.60	2.69	4.90	2.47
	-15.0	-15.3	7.80	3.81	7.30	3.40	6.70	3.20	6.10	2.78	5.50	2.57
	-12.0	-12.4	8.70	3.96	8.10	3.54	7.60	3.35	7.00	2.92	6.40	2.71
	-10.0	-10.5	9.30	4.05	8.70	3.64	8.20	3.44	7.60	3.02	7.00	2.80
	-7.0	-7.6	10.10	4.19	9.60	3.78	9.00	3.58	8.40	3.16	7.80	2.95
	-5.0	-5.6	10.70	4.29	10.20	3.88	9.60	3.68	8.80	3.26	8.10	2.88
	-3.0	-3.7	10.90	4.18	10.30	3.78	9.60	3.42	8.80	3.03	8.10	2.68
	0.0	-0.7	10.90	3.75	10.30	3.39	9.60	3.07	8.80	2.72	8.10	2.42
	3.0	2.2	10.90	3.38	10.30	3.07	9.60	2.78	8.80	2.47	8.10	2.19
	5.0	4.1	10.90	3.17	10.30	2.88	9.60	2.61	8.80	2.32	8.10	2.06
	7.0	6.0	10.90	2.98	10.30	2.71	9.60	2.46	8.80	2.19	8.10	1.95
	9.0	7.9	10.90	2.82	10.30	2.57	9.60	2.33	8.80	2.08	8.10	1.85
	11.0	9.8	10.90	2.68	10.30	2.44	9.60	2.22	8.80	1.98	8.10	1.77
	13.0	11.8	10.90	2.56	10.30	2.33	9.60	2.12	8.80	1.90	8.10	1.70
	15.0	13.7	10.90	2.45	10.30	2.24	9.60	2.04	8.80	1.83	8.10	1.63

10. Capacity Table

AM050BXMDEH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	-20.0	-20.2	4.90	2.86	4.50	2.52	4.00	2.37	3.50	2.03	3.00	1.86
	-17.0	-17.3	5.80	3.01	5.30	2.67	4.90	2.52	4.40	2.18	3.90	2.00
	-15.0	-15.3	6.40	3.10	5.90	2.76	5.50	2.61	5.00	2.27	4.50	2.09
	-12.0	-12.4	7.20	3.24	6.80	2.90	6.30	2.75	5.80	2.41	5.30	2.24
	-10.0	-10.5	7.80	3.34	7.40	3.00	6.90	2.85	6.40	2.51	5.90	2.33
	-7.0	-7.6	8.70	3.48	8.20	3.14	7.80	2.99	7.30	2.65	6.70	2.47
	-5.0	-5.6	9.10	3.58	8.60	3.24	8.00	2.93	7.40	2.60	6.70	2.30
	-3.0	-3.7	9.10	3.32	8.60	3.01	8.00	2.72	7.40	2.42	6.70	2.14
	0.0	-0.7	9.10	2.99	8.60	2.71	8.00	2.45	7.40	2.18	6.70	1.93
	3.0	2.2	9.10	2.71	8.60	2.45	8.00	2.23	7.40	1.98	6.70	1.76
	5.0	4.1	9.10	2.54	8.60	2.31	8.00	2.10	7.40	1.87	6.70	1.66
	7.0	6.0	9.10	2.40	8.60	2.18	8.00	1.98	7.40	1.77	6.70	1.57
	9.0	7.9	9.10	2.28	8.60	2.07	8.00	1.88	7.40	1.68	6.70	1.50
	11.0	9.8	9.10	2.17	8.60	1.98	8.00	1.80	7.40	1.61	6.70	1.43
	13.0	11.8	9.10	2.08	8.60	1.89	8.00	1.72	7.40	1.55	6.70	1.37
	15.0	13.7	9.10	2.00	8.60	1.82	8.00	1.66	7.40	1.49	6.70	1.33

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM080BXMDGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	18.90	3.21	23.00	3.98	27.10	4.84	29.10	5.32	30.90	5.78	34.40	6.83	37.90	8.05
	12	18.90	3.39	23.00	4.23	27.10	5.17	29.10	5.69	30.90	6.20	34.40	7.34	37.90	8.67
	14	18.90	3.59	23.00	4.51	27.10	5.53	29.10	6.11	30.90	6.66	34.40	7.90	37.90	9.35
	16	18.90	3.82	23.00	4.82	27.10	5.94	29.10	6.56	30.90	7.17	34.40	8.52	37.90	10.10
	18	18.90	4.08	23.00	5.16	27.10	6.38	29.10	7.07	30.90	7.72	34.40	9.19	37.90	10.90
	20	18.90	4.36	23.00	5.54	27.10	6.88	29.10	7.62	30.90	8.33	34.40	9.93	36.50	10.63
	21	18.90	4.52	23.00	5.75	27.10	7.14	29.10	7.91	30.90	8.66	34.40	10.32	35.90	10.49
	23	18.90	4.85	23.00	6.19	27.10	7.70	29.10	8.54	30.90	9.35	33.80	10.58	34.50	10.22
	25	18.90	5.22	23.00	6.68	27.10	8.31	29.10	9.23	30.90	10.09	32.50	10.31	33.20	9.94
	27	18.90	5.63	23.00	7.21	27.10	8.98	29.10	9.97	30.40	10.35	31.10	10.04	31.80	9.67
	29	18.90	6.07	23.00	7.78	27.10	9.70	28.70	10.22	29.10	10.08	29.80	9.76	30.50	9.39
	31	18.90	6.55	23.00	8.40	27.00	9.94	27.40	9.94	27.70	9.81	28.40	9.49	29.10	9.12
	33	18.90	7.07	23.00	9.08	25.60	9.67	26.00	9.67	26.40	9.53	27.10	9.21	27.80	8.85
	35	18.90	7.64	23.00	9.80	24.30	9.39	24.70	9.40	25.00	9.26	25.70	8.94	26.40	8.57
	37	18.90	8.25	22.10	9.53	22.90	9.12	23.40	9.12	23.70	8.98	24.40	8.66	25.10	8.30
	39	18.90	8.43	20.80	9.25	21.60	8.85	22.00	8.85	22.40	8.71	23.10	8.39	23.80	8.02
	43	16.20	7.89	18.10	8.70	18.90	8.30	19.30	8.30	19.70	8.16	20.40	7.84	21.10	7.47
	46	14.20	7.47	16.10	8.29	16.90	7.88	17.30	7.89	17.70	7.75	18.40	7.43	19.10	7.06
	48	12.90	7.20	14.70	8.02	15.60	7.61	16.00	7.61	16.30	7.47	17.00	7.15	17.70	6.79
120	10	17.50	2.88	21.20	3.56	25.00	4.32	26.90	4.74	28.50	5.14	31.70	6.05	34.90	7.10
	12	17.50	3.03	21.20	3.77	25.00	4.60	26.90	5.06	28.50	5.50	31.70	6.49	34.90	7.64
	14	17.50	3.21	21.20	4.01	25.00	4.92	26.90	5.41	28.50	5.90	31.70	6.98	34.90	8.23
	16	17.50	3.40	21.20	4.28	25.00	5.27	26.90	5.81	28.50	6.34	31.70	7.51	34.90	8.87
	18	17.50	3.63	21.20	4.58	25.00	5.66	26.90	6.24	28.50	6.82	31.70	8.10	34.90	9.58
	20	17.50	3.87	21.20	4.91	25.00	6.08	26.90	6.72	28.50	7.35	31.70	8.74	34.90	10.34
	21	17.50	4.01	21.20	5.09	25.00	6.31	26.90	6.98	28.50	7.63	31.70	9.08	34.90	10.75
	23	17.50	4.30	21.20	5.47	25.00	6.81	26.90	7.53	28.50	8.24	31.70	9.80	33.90	10.47
	25	17.50	4.62	21.20	5.90	25.00	7.34	26.90	8.13	28.50	8.89	31.70	10.59	32.60	10.20
	27	17.50	4.98	21.20	6.36	25.00	7.93	26.90	8.78	28.50	9.61	30.60	10.32	31.20	9.93
	29	17.50	5.36	21.20	6.87	25.00	8.56	26.90	9.48	28.50	10.38	29.20	10.04	29.90	9.65
	31	17.50	5.79	21.20	7.42	25.00	9.25	26.90	10.24	27.30	10.10	27.90	9.77	28.50	9.38
	33	17.50	6.25	21.20	8.01	25.00	9.99	25.60	9.97	25.90	9.83	26.60	9.49	27.20	9.10
	35	17.50	6.75	21.20	8.65	23.90	9.71	24.20	9.69	24.60	9.55	25.20	9.22	25.90	8.83
	37	17.50	7.29	21.20	9.34	22.50	9.44	22.90	9.42	23.20	9.28	23.90	8.94	24.50	8.55
	39	17.50	7.87	20.10	9.06	21.20	9.16	21.60	9.14	21.90	9.00	22.50	8.67	23.20	8.28
	43	15.50	7.76	17.40	8.51	18.50	8.61	18.90	8.60	19.20	8.45	19.80	8.12	20.50	7.73
	46	13.50	7.35	15.40	8.10	16.50	8.20	16.90	8.18	17.20	8.04	17.80	7.71	18.50	7.32
	48	12.10	7.08	14.00	7.83	15.10	7.93	15.50	7.91	15.80	7.77	16.50	7.43	17.10	7.04
110	10	16.00	2.57	19.50	3.18	22.90	3.85	24.60	4.21	26.10	4.57	29.10	5.35	32.00	6.26
	12	16.00	2.70	19.50	3.36	22.90	4.09	24.60	4.48	26.10	4.87	29.10	5.73	32.00	6.72
	14	16.00	2.85	19.50	3.56	22.90	4.36	24.60	4.79	26.10	5.21	29.10	6.14	32.00	7.22
	16	16.00	3.02	19.50	3.79	22.90	4.66	24.60	5.13	26.10	5.59	29.10	6.60	32.00	7.78
	18	16.00	3.21	19.50	4.05	22.90	4.99	24.60	5.50	26.10	6.00	29.10	7.11	32.00	8.39
	20	16.00	3.42	19.50	4.33	22.90	5.36	24.60	5.92	26.10	6.46	29.10	7.66	32.00	9.05
	21	16.00	3.54	19.50	4.49	22.90	5.56	24.60	6.14	26.10	6.71	29.10	7.96	32.00	9.40
	23	16.00	3.79	19.50	4.82	22.90	5.98	24.60	6.62	26.10	7.23	29.10	8.59	32.00	10.16
	25	16.00	4.07	19.50	5.19	22.90	6.45	24.60	7.14	26.10	7.81	29.10	9.28	32.00	10.42
	27	16.00	4.38	19.50	5.59	22.90	6.96	24.60	7.71	26.10	8.43	29.10	10.02	30.70	10.14
	29	16.00	4.72	19.50	6.03	22.90	7.52	24.60	8.32	26.10	9.11	28.70	10.28	29.30	9.87
	31	16.00	5.09	19.50	6.52	22.90	8.12	24.60	8.99	26.10	9.84	27.40	10.01	28.00	9.59
	33	16.00	5.49	19.50	7.04	22.90	8.77	24.60	9.71	25.40	9.56	26.00	9.73	26.60	9.32
	35	16.00	5.93	19.50	7.60	22.90	9.47	23.80	9.43	24.10	9.29	24.70	9.46	25.30	9.05
	37	16.00	6.40	19.50	8.21	22.10	9.20	22.50	9.16	22.80	9.01	23.30	9.18	23.90	8.77
	39	16.00	6.92	19.20	8.39	20.80	8.92	21.10	8.88	21.40	8.74	22.00	8.91	22.60	8.50
	43	14.80	7.19	16.50	7.84	18.10	8.37	18.40	8.34	18.70	8.19	19.30	8.36	19.90	7.95
	46	12.80	6.78	14.50	7.43	16.10	7.96	16.40	7.92	16.70	7.78	17.30	7.95	17.90	7.54
	48	11.40	6.50	13.10	7.15	14.70	7.69	15.10	7.65	15.40	7.50	16.00	7.67	16.50	7.26
100	10	14.60	2.28	17.70	2.82	20.80	3.41	22.40	3.73	23.70	4.04	26.40	4.72	29.10	5.51
	12	14.60	2.39	17.70	2.97	20.80	3.61	22.40	3.96	23.70	4.30	26.40	5.04	29.10	5.89
	14	14.60	2.52	17.70	3.14	20.80	3.84	22.40	4.22	23.70	4.58	26.40	5.39	29.10	6.32
	16	14.60	2.66	17.70	3.34	20.80	4.09	22.40	4.51	23.70	4.90	26.40	5.78	29.10	6.79
	18	14.60	2.82	17.70	3.56	20.80	4.38	22.40	4.83	23.70	5.26	26.40	6.21	29.10	7.31
	20	14.60	3.00	17.70	3.80	20.80	4.69	22.40	5.18	23.70	5.65	26.40	6.69	29.10	7.88
	21	14.60	3.10	17.70	3.93	20.80	4.86	22.40	5.37	23.70	5.86	26.40	6.94	29.10	8.19
	23	14.60	3.32	17.70	4.22	20.80	5.23	22.40	5.78	23.70	6.32	26.40	7.49	29.10	8.84
	25	14.60	3.56	17.70	4.54	20.80	5.63	22.40	6.23	23.70	6.81	26.40	8.08	29.10	9.55
	27	14.60	3.82	17.70	4.89	20.80	6.08	22.40	6.73	23.70	7.35	26.40	8.73	29.10	10.31
	29	14.60	4.12	17.70	5.27	20.80	6.56	22.40	7.26	23.70	7.94	26.40	9.43	28.70	10.58
	31	14.60	4.44	17.70	5.69	20.80	7.08	22.40	7.85	23.70	8.58	26.40	10.18	27.40	10.30
	33	14.60	4.79	17.70	6.14	20.80	7.65	22.40	8.47	23.70	9.26	25.50	9.90	26.00	10.03
	35	14.60	5.17	17.70	6.63	20.80	8.26	22.40	9.15	23.60	9.49	24.20	9.63	24.70	9.76
	37	14.60	5.58	17.70	7.16	20.80	8.92	22.00	9.43	22.30	9.21	22.80	9.36	23.40	9.48
	39	14.60	6.03	17.70	7.73	19.90	8.64	20.70	9.15	20.90	8.94	21.50	9.08	22.00	9.21
	43	14.10	6.63	15.60	7.18	17.20	8.09	18.00	8.60	18.20	8.39	18.80	8.53	19.30	8.66
	46	12.00	6.22	13.60	6.77	15.20	7.68	16.00	8.19	16.20	7.98	16.80	8.12	17.30	8.25
	48	10.70	5.94	12.30	6.50	13.80	7.41	14.60	7.92	14.90	7.70	15.40	7.85	16.00	7.97

10. Capacity Table

AM080BXMDGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	10	13.10	1.97	15.90	2.44	18.80	2.95	20.20	3.23	21.40	3.49	23.80	4.07	26.20	4.74
	12	13.10	2.06	15.90	2.56	18.80	3.11	20.20	3.41	21.40	3.70	23.80	4.33	26.20	5.05
	14	13.10	2.17	15.90	2.71	18.80	3.30	20.20	3.62	21.40	3.94	23.80	4.61	26.20	5.40
	16	13.10	2.28	15.90	2.87	18.80	3.51	20.20	3.86	21.40	4.20	23.80	4.94	26.20	5.79
	18	13.10	2.42	15.90	3.05	18.80	3.74	20.20	4.13	21.40	4.49	23.80	5.29	26.20	6.22
	20	13.10	2.57	15.90	3.25	18.80	4.00	20.20	4.42	21.40	4.82	23.80	5.69	26.20	6.70
	21	13.10	2.65	15.90	3.36	18.80	4.15	20.20	4.58	21.40	4.99	23.80	5.90	26.20	6.95
	23	13.10	2.83	15.90	3.60	18.80	4.45	20.20	4.92	21.40	5.37	23.80	6.36	26.20	7.50
	25	13.10	3.03	15.90	3.86	18.80	4.79	20.20	5.30	21.40	5.79	23.80	6.86	26.20	8.09
	27	13.10	3.26	15.90	4.16	18.80	5.16	20.20	5.72	21.40	6.24	23.80	7.40	26.20	8.74
	29	13.10	3.50	15.90	4.48	18.80	5.57	20.20	6.17	21.40	6.74	23.80	8.00	26.20	9.44
	31	13.10	3.77	15.90	4.83	18.80	6.01	20.20	6.66	21.40	7.28	23.80	8.64	26.20	10.20
	33	13.10	4.07	15.90	5.21	18.80	6.49	20.20	7.19	21.40	7.86	23.80	9.33	25.50	9.92
	35	13.10	4.39	15.90	5.63	18.80	7.01	20.20	7.77	21.40	8.49	23.60	9.55	24.10	9.65
	37	13.10	4.74	15.90	6.08	18.80	7.57	20.20	8.39	21.40	9.16	22.30	9.28	22.80	9.37
	39	13.10	5.12	15.90	6.57	18.80	8.17	19.50	8.58	20.10	8.89	20.90	9.01	21.40	9.10
	43	13.10	5.97	14.70	6.81	16.10	7.62	16.90	8.03	17.50	8.34	18.30	8.46	18.70	8.55
	46	11.30	5.56	12.70	6.40	14.10	7.21	14.80	7.62	15.40	7.93	16.20	8.04	16.70	8.14
	48	10.00	5.28	11.40	6.13	12.80	6.93	13.50	7.34	14.10	7.65	14.90	7.77	15.40	7.86
80	10	11.70	1.68	14.20	2.10	16.70	2.54	17.90	2.78	19.00	3.00	21.20	3.49	23.30	4.05
	12	11.70	1.76	14.20	2.20	16.70	2.67	17.90	2.93	19.00	3.16	21.20	3.70	23.30	4.31
	14	11.70	1.85	14.20	2.31	16.70	2.82	17.90	3.10	19.00	3.36	21.20	3.93	23.30	4.59
	16	11.70	1.94	14.20	2.45	16.70	2.99	17.90	3.29	19.00	3.57	21.20	4.19	23.30	4.91
	18	11.70	2.05	14.20	2.59	16.70	3.18	17.90	3.51	19.00	3.81	21.20	4.48	23.30	5.26
	20	11.70	2.18	14.20	2.76	16.70	3.40	17.90	3.75	19.00	4.08	21.20	4.81	23.30	5.65
	21	11.70	2.25	14.20	2.85	16.70	3.51	17.90	3.88	19.00	4.22	21.20	4.98	23.30	5.87
	23	11.70	2.39	14.20	3.05	16.70	3.76	17.90	4.16	19.00	4.53	21.20	5.36	23.30	6.32
	25	11.70	2.56	14.20	3.27	16.70	4.04	17.90	4.48	19.00	4.88	21.20	5.78	23.30	6.81
	27	11.70	2.74	14.20	3.51	16.70	4.35	17.90	4.82	19.00	5.26	21.20	6.23	23.30	7.35
	29	11.70	2.95	14.20	3.78	16.70	4.69	17.90	5.20	19.00	5.67	21.20	6.72	23.30	7.94
	31	11.70	3.17	14.20	4.07	16.70	5.06	17.90	5.61	19.00	6.12	21.20	7.26	23.30	8.57
	33	11.70	3.42	14.20	4.39	16.70	5.46	17.90	6.06	19.00	6.61	21.20	7.84	23.30	9.26
	35	11.70	3.69	14.20	4.74	16.70	5.90	17.90	6.54	19.00	7.14	21.20	8.47	23.30	10.00
	37	11.70	3.98	14.20	5.12	16.70	6.37	17.90	7.06	19.00	7.71	21.20	9.14	22.20	9.73
	39	11.70	4.30	14.20	5.53	16.70	6.88	17.90	7.62	19.00	7.87	20.00	8.87	20.80	9.45
	43	11.70	5.02	13.90	6.07	15.10	6.74	15.70	7.08	16.30	7.32	17.30	8.32	18.20	8.90
	46	10.60	4.94	11.80	5.65	13.10	6.32	13.70	6.66	14.30	6.91	15.30	7.91	16.10	8.49
	48	9.20	4.67	10.50	5.38	11.70	6.05	12.40	6.39	12.90	6.64	14.00	7.63	14.80	8.22
70	10	10.20	1.43	12.40	1.78	14.60	2.16	15.70	2.36	16.60	2.55	18.50	2.97	20.40	3.44
	12	10.20	1.49	12.40	1.86	14.60	2.26	15.70	2.48	16.60	2.68	18.50	3.13	20.40	3.64
	14	10.20	1.56	12.40	1.95	14.60	2.38	15.70	2.62	16.60	2.84	18.50	3.32	20.40	3.87
	16	10.20	1.64	12.40	2.06	14.60	2.52	15.70	2.77	16.60	3.01	18.50	3.53	20.40	4.12
	18	10.20	1.73	12.40	2.17	14.60	2.67	15.70	2.94	16.60	3.20	18.50	3.76	20.40	4.41
	20	10.20	1.83	12.40	2.31	14.60	2.85	15.70	3.14	16.60	3.41	18.50	4.03	20.40	4.72
	21	10.20	1.88	12.40	2.38	14.60	2.94	15.70	3.24	16.60	3.53	18.50	4.17	20.40	4.89
	23	10.20	2.00	12.40	2.54	14.60	3.15	15.70	3.47	16.60	3.79	18.50	4.47	20.40	5.26
	25	10.20	2.14	12.40	2.72	14.60	3.37	15.70	3.73	16.60	4.07	18.50	4.81	20.40	5.66
	27	10.20	2.29	12.40	2.92	14.60	3.62	15.70	4.01	16.60	4.38	18.50	5.18	20.40	6.11
	29	10.20	2.46	12.40	3.14	14.60	3.90	15.70	4.32	16.60	4.71	18.50	5.59	20.40	6.59
	31	10.20	2.64	12.40	3.38	14.60	4.21	15.70	4.66	16.60	5.09	18.50	6.04	20.40	7.12
	33	10.20	2.85	12.40	3.64	14.60	4.54	15.70	5.03	16.60	5.49	18.50	6.52	20.40	7.69
	35	10.20	3.07	12.40	3.93	14.60	4.90	15.70	5.43	16.60	5.93	18.50	7.04	20.40	8.30
	37	10.20	3.31	12.40	4.24	14.60	5.29	15.70	5.87	16.60	6.40	18.50	7.60	20.40	8.96
	39	10.20	3.58	12.40	4.58	14.60	5.72	15.70	6.33	16.60	6.92	18.50	8.21	19.70	8.69
	43	10.20	4.17	12.40	5.35	14.10	6.27	14.60	6.56	15.10	6.77	16.00	7.66	17.00	8.14
	46	9.90	4.37	11.00	4.93	12.00	5.86	12.60	6.15	13.10	6.36	14.00	7.25	14.90	7.73
	48	8.50	4.10	9.60	4.66	10.70	5.59	11.30	5.88	11.70	6.09	12.70	6.97	13.60	7.45
60	10	8.70	1.19	10.60	1.49	12.50	1.81	13.40	1.98	14.30	2.14	15.90	2.49	17.50	2.89
	12	8.70	1.24	10.60	1.55	12.50	1.89	13.40	2.07	14.30	2.24	15.90	2.62	17.50	3.04
	14	8.70	1.29	10.60	1.62	12.50	1.99	13.40	2.18	14.30	2.36	15.90	2.76	17.50	3.22
	16	8.70	1.35	10.60	1.71	12.50	2.09	13.40	2.30	14.30	2.50	15.90	2.93	17.50	3.41
	18	8.70	1.43	10.60	1.80	12.50	2.21	13.40	2.43	14.30	2.65	15.90	3.11	17.50	3.64
	20	8.70	1.51	10.60	1.91	12.50	2.35	13.40	2.59	14.30	2.82	15.90	3.32	17.50	3.89
	21	8.70	1.55	10.60	1.97	12.50	2.42	13.40	2.67	14.30	2.91	15.90	3.43	17.50	4.02
	23	8.70	1.65	10.60	2.09	12.50	2.59	13.40	2.85	14.30	3.11	15.90	3.67	17.50	4.31
	25	8.70	1.75	10.60	2.23	12.50	2.77	13.40	3.06	14.30	3.33	15.90	3.94	17.50	4.63
	27	8.70	1.87	10.60	2.39	12.50	2.97	13.40	3.28	14.30	3.58	15.90	4.24	17.50	4.99
	29	8.70	2.01	10.60	2.57	12.50	3.19	13.40	3.53	14.30	3.86	15.90	4.57	17.50	5.38
	31	8.70	2.16	10.60	2.76	12.50	3.44	13.40	3.81	14.30	4.16	15.90	4.92	17.50	5.81
	33	8.70	2.32	10.60	2.98	12.50	3.71	13.40	4.10	14.30	4.48	15.90	5.32	17.50	6.27
	35	8.70	2.50	10.60	3.21	12.50	4.00	13.40	4.43	14.30	4.84	15.90	5.74	17.50	6.77
	37	8.70	2.70	10.60	3.47	12.50	4.32	13.40	4.78	14.30	5.23	15.90	6.20	17.50	7.31
	39	8.70	2.91	10.60	3.74	12.50	4.67	13.40	5.17	14.30	5.65	15.90	6.69	17.50	7.89
	43	8.70	3.40	10.60	4.37	12.50	5.44	13.40	6.02	13.90	6.20	14.70	6.95	15.50	7.79
	46	8.70	3.81	10.10	4.58	11.00	5.03	11.50	5.61	11.90	5.78	12.70	6.54	13.50	7.38
	48	7.80	3.54	8.70	4.30	9.70	4.75	10.10	5.34	10.50	5.51	11.30	6.27	12.10	7.10

10. Capacity Table

AM080BXMDGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	10	7.30	0.97	8.90	1.21	10.40	1.48	11.20	1.62	11.90	1.75	13.20	2.04	14.60	2.37
	12	7.30	1.00	8.90	1.26	10.40	1.54	11.20	1.69	11.90	1.83	13.20	2.14	14.60	2.49
	14	7.30	1.05	8.90	1.32	10.40	1.61	11.20	1.77	11.90	1.92	13.20	2.25	14.60	2.62
	16	7.30	1.09	8.90	1.38	10.40	1.69	11.20	1.86	11.90	2.02	13.20	2.37	14.60	2.77
	18	7.30	1.15	8.90	1.45	10.40	1.79	11.20	1.97	11.90	2.14	13.20	2.51	14.60	2.94
	20	7.30	1.21	8.90	1.53	10.40	1.89	11.20	2.08	11.90	2.27	13.20	2.67	14.60	3.13
	21	7.30	1.25	8.90	1.58	10.40	1.95	11.20	2.15	11.90	2.34	13.20	2.75	14.60	3.23
	23	7.30	1.32	8.90	1.68	10.40	2.08	11.20	2.29	11.90	2.50	13.20	2.94	14.60	3.45
	25	7.30	1.40	8.90	1.79	10.40	2.22	11.20	2.45	11.90	2.67	13.20	3.15	14.60	3.70
	27	7.30	1.50	8.90	1.91	10.40	2.37	11.20	2.62	11.90	2.86	13.20	3.38	14.60	3.98
	29	7.30	1.60	8.90	2.05	10.40	2.55	11.20	2.81	11.90	3.08	13.20	3.64	14.60	4.28
	31	7.30	1.72	8.90	2.20	10.40	2.74	11.20	3.03	11.90	3.31	13.20	3.92	14.60	4.62
	33	7.30	1.85	8.90	2.37	10.40	2.95	11.20	3.26	11.90	3.57	13.20	4.22	14.60	4.98
	35	7.30	1.99	8.90	2.55	10.40	3.18	11.20	3.52	11.90	3.85	13.20	4.56	14.60	5.38
	37	7.30	2.15	8.90	2.75	10.40	3.43	11.20	3.80	11.90	4.16	13.20	4.93	14.60	5.81
	39	7.30	2.32	8.90	2.97	10.40	3.71	11.20	4.11	11.90	4.49	13.20	5.32	14.60	6.28
	43	7.30	2.70	8.90	3.47	10.40	4.33	11.20	4.79	11.90	5.24	13.20	6.20	14.10	6.90
	46	7.30	3.03	8.90	3.89	10.00	4.53	10.40	4.70	10.70	5.17	11.40	5.79	12.00	6.49
	48	7.10	3.01	7.80	3.61	8.60	4.26	9.00	4.43	9.30	4.89	10.00	5.51	10.70	6.22

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM080BXMDGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-20.0	-20.2	20.70	8.93	20.20	9.47	19.80	9.81	19.30	10.04	18.20	9.40
	-17.0	-17.3	23.40	9.54	22.90	10.08	22.50	10.42	21.50	10.52	19.60	9.60
	-15.0	-15.3	25.20	9.94	24.70	10.49	24.10	10.82	22.40	10.65	20.50	9.74
	-12.0	-12.4	27.90	10.55	26.90	10.96	25.50	11.03	23.70	10.86	21.80	9.94
	-10.0	-10.5	29.40	10.96	27.80	11.09	26.40	11.16	24.60	10.99	22.70	10.08
	-7.0	-7.6	30.80	11.16	29.10	11.30	27.70	11.37	26.00	11.19	24.10	10.28
	-5.0	-5.6	31.70	11.30	30.00	11.43	28.60	11.50	26.90	11.33	25.00	10.42
	-3.0	-3.7	32.60	11.43	30.90	11.57	29.50	11.64	27.80	11.47	25.90	10.55
	0.0	-0.7	33.90	11.64	32.30	11.77	30.90	11.84	29.10	11.67	27.20	10.76
	3.0	2.2	35.30	11.84	33.60	11.97	32.20	12.04	29.90	11.37	27.30	10.05
	5.0	4.1	36.20	11.97	34.40	12.11	32.50	11.83	29.90	10.56	27.30	9.35
	7.0	6.0	36.70	12.11	34.70	12.11	32.50	11.00	29.90	9.83	27.30	8.72
	9.0	7.9	36.90	12.11	34.80	11.31	32.50	10.27	29.90	9.19	27.30	8.17
	11.0	9.8	37.10	11.58	34.80	10.58	32.50	9.62	29.90	8.63	27.30	7.69
	13.0	11.8	37.10	10.84	34.80	9.92	32.50	9.04	29.90	8.13	27.30	7.26
	15.0	13.7	37.10	10.18	34.80	9.33	32.50	8.52	29.90	7.68	27.30	6.89
120	-20.0	-20.2	20.10	9.47	19.70	9.24	19.30	9.36	18.40	8.98	16.70	8.62
	-17.0	-17.3	22.80	10.08	22.40	9.85	21.50	9.97	19.80	9.18	18.10	8.82
	-15.0	-15.3	24.60	10.49	24.00	10.25	22.40	10.10	20.70	9.31	19.00	8.96
	-12.0	-12.4	26.70	10.96	25.30	10.46	23.80	10.30	22.00	9.52	20.30	9.16
	-10.0	-10.5	27.60	11.09	26.20	10.59	24.70	10.44	22.90	9.65	21.20	9.30
	-7.0	-7.6	29.00	11.30	27.60	10.80	26.00	10.64	24.30	9.86	22.60	9.50
	-5.0	-5.6	29.90	11.43	28.50	10.93	26.90	10.78	25.20	9.99	23.50	9.64
	-3.0	-3.7	30.80	11.57	29.40	11.07	27.80	10.91	26.10	10.13	24.40	9.77
	0.0	-0.7	32.10	11.77	30.70	11.27	29.20	11.12	27.40	10.33	25.20	9.54
	3.0	2.2	33.50	11.97	32.10	11.47	30.00	10.83	27.60	9.65	25.20	8.53
	5.0	4.1	34.10	12.11	32.10	11.12	30.00	10.06	27.60	8.97	25.20	7.95
	7.0	6.0	34.20	11.37	32.10	10.34	30.00	9.37	27.60	8.37	25.20	7.43
	9.0	7.9	34.20	10.60	32.10	9.66	30.00	8.76	27.60	7.84	25.20	6.98
	11.0	9.8	34.20	9.91	32.10	9.05	30.00	8.22	27.60	7.38	25.20	6.58
	13.0	11.8	34.20	9.30	32.10	8.50	30.00	7.75	27.60	6.96	25.20	6.22
	15.0	13.7	34.20	8.75	32.10	8.02	30.00	7.32	27.60	6.60	25.20	5.91
110	-20.0	-20.2	19.50	9.12	19.20	8.80	18.40	8.49	16.80	8.22	15.20	7.49
	-17.0	-17.3	22.20	9.73	21.10	9.27	19.70	8.69	18.10	8.42	16.50	7.69
	-15.0	-15.3	23.40	10.00	22.00	9.41	20.60	8.83	19.00	8.56	17.40	7.83
	-12.0	-12.4	24.80	10.20	23.40	9.61	22.00	9.03	20.40	8.76	18.80	8.03
	-10.0	-10.5	25.70	10.33	24.30	9.75	22.90	9.17	21.30	8.90	19.70	8.17
	-7.0	-7.6	27.00	10.54	25.60	9.95	24.20	9.37	22.60	9.10	21.00	8.37
	-5.0	-5.6	27.90	10.67	26.50	10.09	25.10	9.51	23.50	9.24	21.90	8.50
	-3.0	-3.7	28.80	10.81	27.40	10.22	26.00	9.64	24.40	9.37	22.80	8.64
	0.0	-0.7	30.20	11.01	28.80	10.43	27.40	9.84	25.30	9.15	23.10	8.07
	3.0	2.2	31.40	11.21	29.40	10.17	27.50	9.20	25.30	8.19	23.10	7.24
	5.0	4.1	31.40	10.41	29.40	9.45	27.50	8.56	25.30	7.63	23.10	6.75
	7.0	6.0	31.40	9.68	29.40	8.80	27.50	7.98	25.30	7.13	23.10	6.32
	9.0	7.9	31.40	9.04	29.40	8.23	27.50	7.48	25.30	6.70	23.10	5.95
	11.0	9.8	31.40	8.47	29.40	7.73	27.50	7.03	25.30	6.31	23.10	5.61
	13.0	11.8	31.40	7.97	29.40	7.28	27.50	6.64	25.30	5.97	23.10	5.32
	15.0	13.7	31.40	7.52	29.40	6.89	27.50	6.29	25.30	5.67	23.10	5.07
100	-20.0	-20.2	19.00	8.66	17.80	8.27	16.60	7.74	15.10	7.11	13.70	6.46
	-17.0	-17.3	20.50	9.00	19.20	8.47	17.90	7.94	16.50	7.31	15.00	6.67
	-15.0	-15.3	21.40	9.13	20.10	8.61	18.80	8.08	17.40	7.44	15.90	6.80
	-12.0	-12.4	22.70	9.33	21.40	8.81	20.20	8.28	18.70	7.65	17.30	7.00
	-10.0	-10.5	23.60	9.47	22.30	8.95	21.10	8.42	19.60	7.78	18.20	7.14
	-7.0	-7.6	25.00	9.67	23.70	9.15	22.40	8.62	21.00	7.99	19.50	7.34
	-5.0	-5.6	25.90	9.81	24.60	9.28	23.30	8.76	21.90	8.12	20.40	7.48
	-3.0	-3.7	26.80	9.94	25.50	9.42	24.20	8.89	22.80	8.26	21.00	7.61
	0.0	-0.7	28.10	10.15	26.80	9.62	25.00	8.69	23.00	7.72	21.00	6.80
	3.0	2.2	28.50	9.47	26.80	8.60	25.00	7.78	23.00	6.92	21.00	6.12
	5.0	4.1	28.50	8.81	26.80	8.00	25.00	7.25	23.00	6.46	21.00	5.72
	7.0	6.0	28.50	8.21	26.80	7.47	25.00	6.77	23.00	6.05	21.00	5.36
	9.0	7.9	28.50	7.69	26.80	7.00	25.00	6.36	23.00	5.69	21.00	5.05
	11.0	9.8	28.50	7.23	26.80	6.59	25.00	5.99	23.00	5.38	21.00	4.78
	13.0	11.8	28.50	6.82	26.80	6.23	25.00	5.67	23.00	5.10	21.00	4.55
	15.0	13.7	28.50	6.45	26.80	5.91	25.00	5.39	23.00	4.86	21.00	4.34

10. Capacity Table

AM080BXMDGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	-20.0	-20.2	17.00	7.78	15.90	7.30	14.70	6.83	13.40	6.28	12.10	5.71
	-17.0	-17.3	18.40	7.98	17.20	7.50	16.10	7.04	14.80	6.48	13.50	5.92
	-15.0	-15.3	19.30	8.12	18.10	7.64	17.00	7.17	15.70	6.62	14.40	6.05
	-12.0	-12.4	20.60	8.32	19.50	7.84	18.30	7.38	17.00	6.82	15.70	6.25
	-10.0	-10.5	21.50	8.46	20.40	7.98	19.20	7.51	17.90	6.95	16.60	6.39
	-7.0	-7.6	22.90	8.66	21.70	8.18	20.60	7.72	19.30	7.16	18.00	6.59
	-5.0	-5.6	23.80	8.80	22.60	8.32	21.50	7.85	20.20	7.29	18.90	6.73
	-3.0	-3.7	24.70	8.93	23.50	8.45	22.40	7.99	20.70	7.43	18.90	6.54
	0.0	-0.7	25.70	9.13	24.10	8.27	22.50	7.47	20.70	6.64	18.90	5.86
	3.0	2.2	25.70	8.17	24.10	7.41	22.50	6.70	20.70	5.97	18.90	5.28
	5.0	4.1	25.70	7.61	24.10	6.91	22.50	6.26	20.70	5.58	18.90	4.94
	7.0	6.0	25.70	7.11	24.10	6.46	22.50	5.86	20.70	5.23	18.90	4.64
	9.0	7.9	25.70	6.67	24.10	6.07	22.50	5.52	20.70	4.93	18.90	4.38
	11.0	9.8	25.70	6.29	24.10	5.73	22.50	5.21	20.70	4.67	18.90	4.16
	13.0	11.8	25.70	5.95	24.10	5.43	22.50	4.95	20.70	4.44	18.90	3.96
	15.0	13.7	25.70	5.65	24.10	5.16	22.50	4.71	20.70	4.23	18.90	3.79
80	-20.0	-20.2	15.00	7.15	13.90	6.71	12.90	6.29	11.80	5.79	10.60	5.28
	-17.0	-17.3	16.30	7.35	15.30	6.92	14.30	6.49	13.10	6.00	12.00	5.48
	-15.0	-15.3	17.20	7.49	16.20	7.05	15.20	6.63	14.00	6.13	12.90	5.62
	-12.0	-12.4	18.60	7.69	17.50	7.26	16.50	6.83	15.40	6.33	14.20	5.82
	-10.0	-10.5	19.50	7.82	18.40	7.39	17.40	6.97	16.30	6.47	15.10	5.96
	-7.0	-7.6	20.80	8.03	19.80	7.59	18.80	7.17	17.60	6.67	16.50	6.16
	-5.0	-5.6	21.70	8.16	20.70	7.73	19.70	7.30	18.40	6.81	16.80	5.99
	-3.0	-3.7	22.60	8.30	21.40	7.87	20.00	7.10	18.40	6.31	16.80	5.56
	0.0	-0.7	22.80	7.76	21.40	7.03	20.00	6.35	18.40	5.65	16.80	4.98
	3.0	2.2	22.80	6.96	21.40	6.31	20.00	5.71	18.40	5.09	16.80	4.50
	5.0	4.1	22.80	6.49	21.40	5.90	20.00	5.34	18.40	4.77	16.80	4.22
	7.0	6.0	22.80	6.08	21.40	5.53	20.00	5.01	18.40	4.48	16.80	3.97
	9.0	7.9	22.80	5.72	21.40	5.21	20.00	4.73	18.40	4.23	16.80	3.76
	11.0	9.8	22.80	5.41	21.40	4.93	20.00	4.48	18.40	4.02	16.80	3.57
	13.0	11.8	22.80	5.13	21.40	4.69	20.00	4.26	18.40	3.83	16.80	3.41
	15.0	13.7	22.80	4.88	21.40	4.47	20.00	4.07	18.40	3.66	16.80	3.27
70	-20.0	-20.2	12.90	6.47	12.00	6.09	11.10	5.39	10.10	4.96	9.10	4.53
	-17.0	-17.3	14.20	6.67	13.40	6.30	12.50	5.59	11.50	5.16	10.40	4.73
	-15.0	-15.3	15.10	6.80	14.30	6.43	13.40	5.73	12.40	5.30	11.30	4.87
	-12.0	-12.4	16.50	7.01	15.60	6.63	14.70	5.93	13.70	5.50	12.70	5.07
	-10.0	-10.5	17.40	7.14	16.50	6.77	15.60	6.07	14.60	5.63	13.60	5.21
	-7.0	-7.6	18.70	7.35	17.90	6.97	17.00	6.27	16.00	5.84	14.70	5.41
	-5.0	-5.6	19.60	7.48	18.70	7.11	17.50	6.41	16.10	5.68	14.70	5.01
	-3.0	-3.7	20.00	7.27	18.70	6.59	17.50	5.94	16.10	5.27	14.70	4.65
	0.0	-0.7	20.00	6.50	18.70	5.90	17.50	5.32	16.10	4.73	14.70	4.18
	3.0	2.2	20.00	5.84	18.70	5.31	17.50	4.80	16.10	4.28	14.70	3.78
	5.0	4.1	20.00	5.47	18.70	4.97	17.50	4.50	16.10	4.01	14.70	3.55
	7.0	6.0	20.00	5.13	18.70	4.67	17.50	4.23	16.10	3.78	14.70	3.35
	9.0	7.9	20.00	4.84	18.70	4.41	17.50	4.00	16.10	3.58	14.70	3.18
	11.0	9.8	20.00	4.59	18.70	4.18	17.50	3.80	16.10	3.41	14.70	3.03
	13.0	11.8	20.00	4.36	18.70	3.99	17.50	3.62	16.10	3.25	14.70	2.89
	15.0	13.7	20.00	4.17	18.70	3.81	17.50	3.47	16.10	3.12	14.70	2.78
60	-20.0	-20.2	10.80	5.73	10.10	5.08	9.30	4.77	8.40	4.41	7.60	3.78
	-17.0	-17.3	12.20	5.93	11.40	5.29	10.70	4.97	9.80	4.61	8.90	3.98
	-15.0	-15.3	13.10	6.07	12.30	5.42	11.60	5.11	10.70	4.75	9.80	4.11
	-12.0	-12.4	14.40	6.27	13.70	5.62	12.90	5.31	12.00	4.95	11.20	4.32
	-10.0	-10.5	15.30	6.41	14.60	5.76	13.80	5.45	12.90	5.08	12.10	4.45
	-7.0	-7.6	16.70	6.61	15.90	5.96	15.00	5.65	13.80	5.02	12.60	4.42
	-5.0	-5.6	17.10	6.43	16.10	5.80	15.00	5.23	13.80	4.65	12.60	4.10
	-3.0	-3.7	17.10	5.96	16.10	5.39	15.00	4.86	13.80	4.32	12.60	3.81
	0.0	-0.7	17.10	5.34	16.10	4.83	15.00	4.37	13.80	3.89	12.60	3.43
	3.0	2.2	17.10	4.82	16.10	4.37	15.00	3.95	13.80	3.53	12.60	3.11
	5.0	4.1	17.10	4.52	16.10	4.10	15.00	3.71	13.80	3.32	12.60	2.93
	7.0	6.0	17.10	4.25	16.10	3.86	15.00	3.50	13.80	3.13	12.60	2.77
	9.0	7.9	17.10	4.02	16.10	3.66	15.00	3.32	13.80	2.97	12.60	2.63
	11.0	9.8	17.10	3.82	16.10	3.48	15.00	3.16	13.80	2.83	12.60	2.51
	13.0	11.8	17.10	3.64	16.10	3.32	15.00	3.02	13.80	2.71	12.60	2.41
	15.0	13.7	17.10	3.49	16.10	3.19	15.00	2.90	13.80	2.61	12.60	2.32

10. Capacity Table

AM080BXMDGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	-20.0	-20.2	8.80	4.62	8.10	4.36	7.50	3.86	6.80	3.56	6.00	3.28
	-17.0	-17.3	10.10	4.82	9.50	4.57	8.80	4.06	8.10	3.77	7.40	3.49
	-15.0	-15.3	11.00	4.96	10.40	4.70	9.70	4.20	9.00	3.90	8.30	3.62
	-12.0	-12.4	12.40	5.16	11.70	4.90	11.10	4.40	10.40	4.11	9.60	3.83
	-10.0	-10.5	13.30	5.30	12.60	5.04	12.00	4.54	11.30	4.24	10.50	3.96
	-7.0	-7.6	14.30	5.50	13.40	4.98	12.50	4.50	11.50	3.99	10.50	3.53
	-5.0	-5.6	14.30	5.10	13.40	4.62	12.50	4.17	11.50	3.70	10.50	3.28
	-3.0	-3.7	14.30	4.73	13.40	4.29	12.50	3.88	11.50	3.45	10.50	3.05
	0.0	-0.7	14.30	4.26	13.40	3.86	12.50	3.49	11.50	3.11	10.50	2.76
	3.0	2.2	14.30	3.86	13.40	3.50	12.50	3.17	11.50	2.83	10.50	2.51
	5.0	4.1	14.30	3.62	13.40	3.29	12.50	2.98	11.50	2.66	10.50	2.37
	7.0	6.0	14.30	3.42	13.40	3.11	12.50	2.82	11.50	2.52	10.50	2.24
	9.0	7.9	14.30	3.25	13.40	2.95	12.50	2.68	11.50	2.40	10.50	2.13
	11.0	9.8	14.30	3.09	13.40	2.82	12.50	2.56	11.50	2.29	10.50	2.04
	13.0	11.8	14.30	2.96	13.40	2.70	12.50	2.45	11.50	2.20	10.50	1.96
	15.0	13.7	14.30	2.85	13.40	2.60	12.50	2.36	11.50	2.12	10.50	1.89

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM080BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	18.90	3.01	23.00	3.71	27.10	4.49	29.10	4.91	30.90	5.32	34.40	6.24	37.90	7.31
	12	18.90	3.16	23.00	3.93	27.10	4.77	29.10	5.23	30.90	5.68	34.40	6.68	37.90	7.85
	14	18.90	3.34	23.00	4.16	27.10	5.08	29.10	5.59	30.90	6.08	34.40	7.17	37.90	8.45
	16	18.90	3.53	23.00	4.43	27.10	5.43	29.10	5.99	30.90	6.52	34.40	7.72	37.90	9.10
	18	18.90	3.75	23.00	4.73	27.10	5.83	29.10	6.43	30.90	7.01	34.40	8.31	37.90	9.82
	20	18.90	4.00	23.00	5.07	27.10	6.26	29.10	6.92	30.90	7.55	34.40	8.96	37.60	10.08
	21	18.90	4.14	23.00	5.25	27.10	6.49	29.10	7.18	30.90	7.84	34.40	9.31	37.00	9.95
	23	18.90	4.43	23.00	5.64	27.10	6.99	29.10	7.74	30.90	8.46	34.40	10.05	35.60	9.70
	25	18.90	4.76	23.00	6.07	27.10	7.54	29.10	8.35	30.90	9.13	33.60	9.80	34.30	9.46
	27	18.90	5.12	23.00	6.54	27.10	8.14	29.10	9.02	30.90	9.86	32.20	9.56	32.90	9.21
	29	18.90	5.51	23.00	7.06	27.10	8.79	29.10	9.74	30.20	9.61	30.90	9.31	31.60	8.96
	31	18.90	5.95	23.00	7.62	27.10	9.49	28.50	10.00	28.80	9.36	29.50	9.06	30.20	8.71
	33	18.90	6.42	23.00	8.23	26.70	9.74	27.10	9.75	27.50	9.12	28.20	8.81	28.90	8.46
	35	18.90	6.93	23.00	8.89	25.40	9.49	25.80	9.50	26.20	8.87	26.90	8.56	27.60	8.21
	37	18.90	7.48	23.00	9.60	24.10	9.24	24.50	9.25	24.80	8.62	25.50	8.31	26.20	7.96
	39	18.90	8.08	21.90	9.35	22.70	8.99	23.10	9.00	23.50	8.37	24.20	8.06	24.90	7.71
	43	17.30	8.02	19.20	8.85	20.00	8.50	20.40	8.50	20.80	7.87	21.50	7.56	22.20	7.21
	46	15.30	7.65	17.20	8.48	18.00	8.12	18.40	8.13	18.80	7.50	19.50	7.19	20.20	6.84
	48	14.00	7.40	15.80	8.23	16.70	7.87	17.10	7.88	17.40	7.25	18.10	6.94	18.80	6.59
120	10	17.50	2.70	21.20	3.33	25.00	4.02	26.90	4.39	28.50	4.76	31.70	5.56	34.90	6.49
	12	17.50	2.83	21.20	3.51	25.00	4.26	26.90	4.67	28.50	5.06	31.70	5.94	34.90	6.95
	14	17.50	2.98	21.20	3.71	25.00	4.53	26.90	4.98	28.50	5.41	31.70	6.36	34.90	7.47
	16	17.50	3.15	21.20	3.95	25.00	4.84	26.90	5.32	28.50	5.79	31.70	6.83	34.90	8.03
	18	17.50	3.34	21.20	4.21	25.00	5.17	26.90	5.70	28.50	6.21	31.70	7.34	34.90	8.66
	20	17.50	3.56	21.20	4.50	25.00	5.55	26.90	6.12	28.50	6.68	31.70	7.91	34.90	9.34
	21	17.50	3.67	21.20	4.65	25.00	5.75	26.90	6.35	28.50	6.93	31.70	8.22	34.90	9.70
	23	17.50	3.93	21.20	4.99	25.00	6.19	26.90	6.84	28.50	7.47	31.70	8.87	34.90	10.48
	25	17.50	4.21	21.20	5.37	25.00	6.67	26.90	7.38	28.50	8.06	31.70	9.57	33.70	10.23
	27	17.50	4.53	21.20	5.78	25.00	7.19	26.90	7.96	28.50	8.70	31.70	9.82	32.30	9.98
	29	17.50	4.87	21.20	6.24	25.00	7.76	26.90	8.60	28.50	9.40	30.40	9.57	31.00	9.73
	31	17.50	5.25	21.20	6.73	25.00	8.38	26.90	9.29	28.40	9.64	29.00	9.33	29.70	9.48
	33	17.50	5.67	21.20	7.27	25.00	9.06	26.70	9.53	27.00	9.39	27.70	9.08	28.30	9.23
	35	17.50	6.12	21.20	7.85	25.00	9.29	25.40	9.28	25.70	9.14	26.30	8.83	27.00	8.98
	37	17.50	6.61	21.20	8.48	23.60	9.04	24.00	9.03	24.30	8.89	25.00	8.58	25.60	8.73
	39	17.50	7.14	21.20	8.68	22.30	8.79	22.70	8.78	23.00	8.64	23.60	8.33	24.30	8.49
	43	16.60	7.46	18.50	8.19	19.60	8.29	20.00	8.28	20.30	8.15	20.90	7.83	21.60	7.99
	46	14.60	7.09	16.50	7.81	17.60	7.92	18.00	7.91	18.30	7.77	18.90	7.46	19.60	7.61
	48	13.30	6.84	15.10	7.56	16.20	7.67	16.60	7.66	16.90	7.52	17.60	7.21	18.20	7.37
110	10	16.00	2.41	19.50	2.97	22.90	3.59	24.60	3.92	26.10	4.24	29.10	4.94	32.00	5.75
	12	16.00	2.53	19.50	3.13	22.90	3.79	24.60	4.15	26.10	4.50	29.10	5.26	32.00	6.15
	14	16.00	2.65	19.50	3.30	22.90	4.02	24.60	4.41	26.10	4.79	29.10	5.62	32.00	6.59
	16	16.00	2.80	19.50	3.50	22.90	4.28	24.60	4.71	26.10	5.11	29.10	6.02	32.00	7.07
	18	16.00	2.96	19.50	3.72	22.90	4.57	24.60	5.04	26.10	5.48	29.10	6.47	32.00	7.61
	20	16.00	3.15	19.50	3.97	22.90	4.90	24.60	5.40	26.10	5.88	29.10	6.96	32.00	8.20
	21	16.00	3.25	19.50	4.11	22.90	5.07	24.60	5.60	26.10	6.10	29.10	7.22	32.00	8.51
	23	16.00	3.47	19.50	4.40	22.90	5.45	24.60	6.02	26.10	6.57	29.10	7.78	32.00	9.19
	25	16.00	3.72	19.50	4.73	22.90	5.86	24.60	6.49	26.10	7.08	29.10	8.40	32.00	9.92
	27	16.00	3.99	19.50	5.09	22.90	6.32	24.60	6.99	26.10	7.64	29.10	9.07	31.80	10.19
	29	16.00	4.29	19.50	5.48	22.90	6.82	24.60	7.55	26.10	8.25	29.10	9.79	30.40	9.94
	31	16.00	4.62	19.50	5.91	22.90	7.36	24.60	8.15	26.10	8.91	28.50	10.06	29.10	9.69
	33	16.00	4.98	19.50	6.38	22.90	7.95	24.60	8.81	26.10	9.62	27.10	9.81	27.70	9.44
	35	16.00	5.38	19.50	6.89	22.90	8.59	24.60	9.51	25.20	9.37	25.80	9.56	26.40	9.19
	37	16.00	5.81	19.50	7.44	22.90	9.28	23.60	9.26	23.90	9.12	24.50	9.31	25.00	8.94
	39	16.00	6.28	19.50	8.04	21.90	9.03	22.20	9.01	22.50	8.88	23.10	9.06	23.70	8.69
	43	15.90	6.92	17.60	7.98	19.20	8.53	19.50	8.51	19.80	8.38	20.40	8.56	21.00	8.19
	46	13.90	6.54	15.60	7.60	17.20	8.15	17.50	8.14	17.80	8.00	18.40	8.19	19.00	7.82
	48	12.50	6.29	14.30	7.35	15.80	7.91	16.20	7.89	16.50	7.75	17.10	7.94	17.60	7.57
100	10	14.60	2.14	17.70	2.65	20.80	3.19	22.40	3.48	23.70	3.77	26.40	4.38	29.10	5.08
	12	14.60	2.23	17.70	2.78	20.80	3.36	22.40	3.68	23.70	3.99	26.40	4.65	29.10	5.41
	14	14.60	2.34	17.70	2.93	20.80	3.55	22.40	3.90	23.70	4.23	26.40	4.95	29.10	5.79
	16	14.60	2.47	17.70	3.09	20.80	3.77	22.40	4.15	23.70	4.51	26.40	5.29	29.10	6.20
	18	14.60	2.61	17.70	3.28	20.80	4.02	22.40	4.43	23.70	4.82	26.40	5.67	29.10	6.66
	20	14.60	2.77	17.70	3.50	20.80	4.30	22.40	4.74	23.70	5.16	26.40	6.09	29.10	7.16
	21	14.60	2.85	17.70	3.61	20.80	4.45	22.40	4.91	23.70	5.35	26.40	6.32	29.10	7.43
	23	14.60	3.04	17.70	3.86	20.80	4.77	22.40	5.27	23.70	5.75	26.40	6.80	29.10	8.01
	25	14.60	3.25	17.70	4.14	20.80	5.13	22.40	5.67	23.70	6.19	26.40	7.33	29.10	8.64
	27	14.60	3.49	17.70	4.45	20.80	5.52	22.40	6.11	23.70	6.67	26.40	7.91	29.10	9.33
	29	14.60	3.75	17.70	4.79	20.80	5.95	22.40	6.59	23.70	7.20	26.40	8.54	29.10	10.08
	31	14.60	4.03	17.70	5.17	20.80	6.42	22.40	7.12	23.70	7.77	26.40	9.23	28.50	10.35
	33	14.60	4.35	17.70	5.58	20.80	6.93	22.40	7.69	23.70	8.40	26.40	9.96	27.10	10.10
	35	14.60	4.69	17.70	6.02	20.80	7.49	22.40	8.30	23.70	9.07	25.30	9.72	25.80	9.85
	37	14.60	5.06	17.70	6.50	20.80	8.09	22.40	8.96	23.40	9.30	23.90	9.47	24.50	9.61
	39	14.60	5.47	17.70	7.02	20.80	8.73	21.80	9.20	22.00	9.05	22.60	9.22	23.10	9.36
	43	14.60	6.38	16.70	7.33	18.30	8.24	19.10	8.70	19.40	8.55	19.90	8.72	20.40	8.86
	46	13.10	6.01	14.70	6.96	16.30	7.86	17.10	8.32	17.30	8.18	17.90	8.35	18.40	8.49
	48	11.80	5.76	13.40	6.71	14.90	7.61	15.70	8.07	16.00	7.93	16.50	8.10	17.10	8.24

10. Capacity Table

AM080BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	10	13.10	1.85	15.90	2.29	18.80	2.76	20.20	3.02	21.40	3.26	23.80	3.79	26.20	4.39
	12	13.10	1.93	15.90	2.40	18.80	2.90	20.20	3.18	21.40	3.44	23.80	4.01	26.20	4.66
	14	13.10	2.02	15.90	2.52	18.80	3.06	20.20	3.36	21.40	3.64	23.80	4.26	26.20	4.97
	16	13.10	2.12	15.90	2.66	18.80	3.24	20.20	3.57	21.40	3.87	23.80	4.54	26.20	5.31
	18	13.10	2.24	15.90	2.82	18.80	3.45	20.20	3.80	21.40	4.12	23.80	4.85	26.20	5.68
	20	13.10	2.37	15.90	2.99	18.80	3.68	20.20	4.05	21.40	4.41	23.80	5.20	26.20	6.10
	21	13.10	2.44	15.90	3.09	18.80	3.80	20.20	4.19	21.40	4.56	23.80	5.39	26.20	6.33
	23	13.10	2.60	15.90	3.30	18.80	4.07	20.20	4.50	21.40	4.90	23.80	5.79	26.20	6.81
	25	13.10	2.77	15.90	3.53	18.80	4.37	20.20	4.83	21.40	5.27	23.80	6.24	26.20	7.35
	27	13.10	2.97	15.90	3.79	18.80	4.70	20.20	5.20	21.40	5.67	23.80	6.72	26.20	7.93
	29	13.10	3.19	15.90	4.08	18.80	5.06	20.20	5.60	21.40	6.12	23.80	7.26	26.20	8.56
	31	13.10	3.43	15.90	4.39	18.80	5.46	20.20	6.05	21.40	6.60	23.80	7.84	26.20	9.24
	33	13.10	3.69	15.90	4.73	18.80	5.89	20.20	6.53	21.40	7.13	23.80	8.46	26.20	9.98
	35	13.10	3.98	15.90	5.11	18.80	6.36	20.20	7.05	21.40	7.70	23.80	9.14	25.20	9.73
	37	13.10	4.30	15.90	5.52	18.80	6.87	20.20	7.61	21.40	8.32	23.40	9.37	23.90	9.49
	39	13.10	4.64	15.90	5.96	18.80	7.42	20.20	8.22	21.30	8.52	22.00	9.12	22.50	9.24
	43	13.10	5.41	15.80	6.56	17.30	7.34	18.00	7.72	18.60	8.02	19.40	8.63	19.80	8.74
	46	12.40	5.38	13.80	6.19	15.20	6.96	15.90	7.35	16.60	7.64	17.30	8.25	17.80	8.36
	48	11.10	5.13	12.50	5.94	13.90	6.71	14.60	7.10	15.20	7.40	16.00	8.00	16.50	8.12
80	10	11.70	1.58	14.20	1.97	16.70	2.38	17.90	2.60	19.00	2.81	21.20	3.26	23.30	3.78
	12	11.70	1.65	14.20	2.06	16.70	2.49	17.90	2.73	19.00	2.95	21.20	3.44	23.30	4.00
	14	11.70	1.72	14.20	2.16	16.70	2.62	17.90	2.88	19.00	3.12	21.20	3.64	23.30	4.24
	16	11.70	1.81	14.20	2.27	16.70	2.77	17.90	3.04	19.00	3.30	21.20	3.87	23.30	4.52
	18	11.70	1.90	14.20	2.40	16.70	2.93	17.90	3.23	19.00	3.51	21.20	4.12	23.30	4.82
	20	11.70	2.01	14.20	2.54	16.70	3.12	17.90	3.44	19.00	3.74	21.20	4.41	23.30	5.17
	21	11.70	2.07	14.20	2.62	16.70	3.22	17.90	3.55	19.00	3.87	21.20	4.56	23.30	5.35
	23	11.70	2.20	14.20	2.79	16.70	3.44	17.90	3.80	19.00	4.14	21.20	4.89	23.30	5.75
	25	11.70	2.35	14.20	2.99	16.70	3.69	17.90	4.08	19.00	4.45	21.20	5.26	23.30	6.19
	27	11.70	2.51	14.20	3.20	16.70	3.96	17.90	4.38	19.00	4.78	21.20	5.67	23.30	6.67
	29	11.70	2.69	14.20	3.44	16.70	4.26	17.90	4.72	19.00	5.15	21.20	6.11	23.30	7.20
	31	11.70	2.89	14.20	3.70	16.70	4.59	17.90	5.09	19.00	5.56	21.20	6.59	23.30	7.78
	33	11.70	3.11	14.20	3.99	16.70	4.96	17.90	5.49	19.00	6.00	21.20	7.12	23.30	8.40
	35	11.70	3.35	14.20	4.30	16.70	5.35	17.90	5.93	19.00	6.48	21.20	7.69	23.30	9.07
	37	11.70	3.62	14.20	4.64	16.70	5.78	17.90	6.41	19.00	7.00	21.20	8.30	23.30	9.30
	39	11.70	3.90	14.20	5.01	16.70	6.24	17.90	6.92	19.00	7.56	21.10	8.50	22.00	9.05
	43	11.70	4.55	14.20	5.85	16.20	6.88	16.80	7.22	17.40	7.48	18.50	8.01	19.30	8.55
	46	11.70	5.11	12.90	5.83	14.20	6.50	14.80	6.85	15.40	7.11	16.40	7.63	17.20	8.18
	48	10.30	4.86	11.60	5.58	12.90	6.26	13.50	6.60	14.00	6.86	15.10	7.38	15.90	7.93
70	10	10.20	1.34	12.40	1.67	14.60	2.03	15.70	2.21	16.60	2.39	18.50	2.78	20.40	3.22
	12	10.20	1.39	12.40	1.74	14.60	2.12	15.70	2.32	16.60	2.51	18.50	2.92	20.40	3.39
	14	10.20	1.45	12.40	1.82	14.60	2.22	15.70	2.43	16.60	2.64	18.50	3.08	20.40	3.59
	16	10.20	1.52	12.40	1.91	14.60	2.34	15.70	2.57	16.60	2.78	18.50	3.26	20.40	3.81
	18	10.20	1.60	12.40	2.02	14.60	2.47	15.70	2.72	16.60	2.95	18.50	3.46	20.40	4.05
	20	10.20	1.69	12.40	2.13	14.60	2.62	15.70	2.88	16.60	3.14	18.50	3.69	20.40	4.33
	21	10.20	1.73	12.40	2.20	14.60	2.71	15.70	2.98	16.60	3.24	18.50	3.82	20.40	4.48
	23	10.20	1.84	12.40	2.34	14.60	2.89	15.70	3.18	16.60	3.46	18.50	4.09	20.40	4.80
	25	10.20	1.96	12.40	2.49	14.60	3.09	15.70	3.40	16.60	3.71	18.50	4.38	20.40	5.16
	27	10.20	2.09	12.40	2.67	14.60	3.31	15.70	3.65	16.60	3.98	18.50	4.71	20.40	5.55
	29	10.20	2.24	12.40	2.86	14.60	3.56	15.70	3.93	16.60	4.29	18.50	5.08	20.40	5.98
	31	10.20	2.40	12.40	3.08	14.60	3.83	15.70	4.23	16.60	4.62	18.50	5.47	20.40	6.46
	33	10.20	2.58	12.40	3.31	14.60	4.12	15.70	4.56	16.60	4.98	18.50	5.91	20.40	6.97
	35	10.20	2.78	12.40	3.57	14.60	4.45	15.70	4.92	16.60	5.38	18.50	6.38	20.40	7.53
	37	10.20	3.00	12.40	3.85	14.60	4.81	15.70	5.31	16.60	5.81	18.50	6.89	20.40	8.13
	39	10.20	3.24	12.40	4.16	14.60	5.19	15.70	5.74	16.60	6.28	18.50	7.44	20.40	8.78
	43	10.20	3.78	12.40	4.85	14.60	6.05	15.70	6.69	16.20	6.92	17.10	7.36	18.10	8.28
	46	10.20	4.24	12.10	5.12	13.20	5.68	13.70	6.32	14.20	6.54	15.10	6.99	16.10	7.91
	48	9.60	4.28	10.70	4.87	11.80	5.43	12.40	6.07	12.80	6.29	13.80	6.74	14.70	7.66
60	10	8.70	1.12	10.60	1.39	12.50	1.70	13.40	1.86	14.30	2.01	15.90	2.34	17.50	2.70
	12	8.70	1.16	10.60	1.45	12.50	1.77	13.40	1.94	14.30	2.10	15.90	2.45	17.50	2.84
	14	8.70	1.21	10.60	1.51	12.50	1.85	13.40	2.03	14.30	2.20	15.90	2.57	17.50	2.99
	16	8.70	1.26	10.60	1.59	12.50	1.94	13.40	2.13	14.30	2.31	15.90	2.71	17.50	3.16
	18	8.70	1.32	10.60	1.67	12.50	2.05	13.40	2.25	14.30	2.45	15.90	2.87	17.50	3.35
	20	8.70	1.39	10.60	1.76	12.50	2.17	13.40	2.39	14.30	2.59	15.90	3.05	17.50	3.57
	21	8.70	1.43	10.60	1.81	12.50	2.23	13.40	2.46	14.30	2.67	15.90	3.15	17.50	3.69
	23	8.70	1.51	10.60	1.92	12.50	2.37	13.40	2.62	14.30	2.85	15.90	3.36	17.50	3.94
	25	8.70	1.61	10.60	2.04	12.50	2.53	13.40	2.80	14.30	3.05	15.90	3.60	17.50	4.23
	27	8.70	1.71	10.60	2.18	12.50	2.71	13.40	3.00	14.30	3.27	15.90	3.86	17.50	4.54
	29	8.70	1.83	10.60	2.34	12.50	2.91	13.40	3.22	14.30	3.51	15.90	4.16	17.50	4.89
	31	8.70	1.96	10.60	2.51	12.50	3.13	13.40	3.46	14.30	3.78	15.90	4.48	17.50	5.27
	33	8.70	2.11	10.60	2.70	12.50	3.37	13.40	3.73	14.30	4.07	15.90	4.83	17.50	5.69
	35	8.70	2.27	10.60	2.91	12.50	3.63	13.40	4.02	14.30	4.39	15.90	5.21	17.50	6.14
	37	8.70	2.45	10.60	3.14	12.50	3.92	13.40	4.34	14.30	4.74	15.90	5.63	17.50	6.63
	39	8.70	2.64	10.60	3.39	12.50	4.23	13.40	4.69	14.30	5.12	15.90	6.08	17.50	7.16
	43	8.70	3.08	10.60	3.95	12.50	4.94	13.40	5.47	14.30	5.97	15.80	6.70	16.60	7.48
	46	8.70	3.46	10.60	4.44	12.10	5.20	12.60	5.43	13.00	5.95	13.80	6.32	14.60	7.11
	48	8.70	3.73	9.80	4.19	10.80	4.96	11.20	5.18	11.60	5.71	12.50	6.07	13.30	6.86

10. Capacity Table

AM080BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	10	7.30	0.90	8.90	1.13	10.40	1.39	11.20	1.52	11.90	1.65	13.20	1.92	14.60	2.22
	12	7.30	0.94	8.90	1.18	10.40	1.44	11.20	1.58	11.90	1.71	13.20	2.00	14.60	2.32
	14	7.30	0.97	8.90	1.23	10.40	1.50	11.20	1.65	11.90	1.79	13.20	2.10	14.60	2.44
	16	7.30	1.01	8.90	1.28	10.40	1.57	11.20	1.73	11.90	1.88	13.20	2.20	14.60	2.57
	18	7.30	1.06	8.90	1.34	10.40	1.65	11.20	1.82	11.90	1.98	13.20	2.32	14.60	2.71
	20	7.30	1.12	8.90	1.41	10.40	1.74	11.20	1.92	11.90	2.09	13.20	2.46	14.60	2.88
	21	7.30	1.14	8.90	1.45	10.40	1.79	11.20	1.98	11.90	2.15	13.20	2.54	14.60	2.97
	23	7.30	1.21	8.90	1.54	10.40	1.90	11.20	2.10	11.90	2.29	13.20	2.70	14.60	3.17
	25	7.30	1.28	8.90	1.63	10.40	2.03	11.20	2.24	11.90	2.44	13.20	2.88	14.60	3.38
	27	7.30	1.36	8.90	1.74	10.40	2.16	11.20	2.39	11.90	2.61	13.20	3.09	14.60	3.63
	29	7.30	1.46	8.90	1.86	10.40	2.32	11.20	2.56	11.90	2.80	13.20	3.31	14.60	3.90
	31	7.30	1.56	8.90	2.00	10.40	2.49	11.20	2.75	11.90	3.01	13.20	3.56	14.60	4.20
	33	7.30	1.67	8.90	2.15	10.40	2.67	11.20	2.96	11.90	3.24	13.20	3.84	14.60	4.52
	35	7.30	1.80	8.90	2.31	10.40	2.88	11.20	3.19	11.90	3.49	13.20	4.14	14.60	4.88
	37	7.30	1.94	8.90	2.49	10.40	3.11	11.20	3.44	11.90	3.77	13.20	4.47	14.60	5.27
	39	7.30	2.09	8.90	2.69	10.40	3.35	11.20	3.72	11.90	4.07	13.20	4.83	14.60	5.69
	43	7.30	2.44	8.90	3.14	10.40	3.91	11.20	4.34	11.90	4.75	13.20	5.63	14.60	6.64
	46	7.30	2.74	8.90	3.52	10.40	4.39	11.20	4.86	11.80	5.00	12.50	5.60	13.10	6.26
	48	7.30	2.96	8.90	3.80	9.70	4.14	10.10	4.62	10.50	4.75	11.10	5.35	11.80	6.02

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM080BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25.0	-25.1	19.90	8.26	19.50	8.70	19.00	9.01	18.50	9.51	18.00	9.95
	-22.0	-22.2	22.60	8.82	22.20	9.26	21.70	9.57	21.20	10.07	20.20	10.38
	-20.0	-20.2	24.40	9.20	24.00	9.64	23.50	9.95	22.80	10.45	21.10	10.51
	-17.0	-17.3	27.10	9.76	26.70	10.20	25.90	10.51	24.20	10.63	22.40	10.70
	-15.0	-15.3	28.90	10.13	28.40	10.57	26.80	10.63	25.10	10.76	23.30	10.82
	-12.0	-12.4	31.20	10.70	29.80	10.76	28.10	10.82	26.40	10.95	24.70	11.01
	-10.0	-10.5	32.10	10.82	30.70	10.88	29.00	10.95	27.30	11.07	25.60	11.13
	-7.0	-7.6	33.50	11.01	32.00	11.07	30.40	11.13	28.70	11.26	26.70	11.32
	-5.0	-5.6	34.40	11.13	32.90	11.20	31.30	11.26	29.20	11.32	26.90	11.32
	-3.0	-3.7	35.30	11.26	33.50	11.32	31.50	11.32	29.40	11.32	27.20	11.32
	0.0	-0.7	35.80	11.32	33.90	11.32	31.90	11.32	29.80	11.32	27.30	10.36
	3.0	2.2	36.20	11.32	34.30	11.32	32.30	11.32	29.90	10.47	27.30	9.26
	5.0	4.1	36.40	11.32	34.50	11.32	32.50	10.91	29.90	9.73	27.30	8.61
	7.0	6.0	36.70	11.32	34.80	11.19	32.50	10.14	29.90	9.06	27.30	8.04
	9.0	7.9	36.90	11.32	34.80	10.43	32.50	9.47	29.90	8.48	27.30	7.54
	11.0	9.8	37.10	10.68	34.80	9.75	32.50	8.87	29.90	7.96	27.30	7.10
	13.0	11.8	37.10	10.00	34.80	9.14	32.50	8.33	29.90	7.50	27.30	6.70
	15.0	13.7	37.10	9.40	34.80	8.60	32.50	7.86	29.90	7.09	27.30	6.36
120	-25.0	-25.1	19.40	8.70	18.90	9.07	18.50	9.51	18.00	9.82	17.60	10.13
	-22.0	-22.2	22.10	9.26	21.60	9.64	21.20	10.07	20.50	10.38	18.90	10.45
	-20.0	-20.2	23.90	9.64	23.40	10.01	23.00	10.45	21.40	10.51	19.80	10.57
	-17.0	-17.3	26.60	10.20	25.70	10.57	24.40	10.63	22.80	10.70	21.20	10.76
	-15.0	-15.3	28.20	10.57	26.60	10.70	25.30	10.76	23.70	10.82	22.10	10.88
	-12.0	-12.4	29.60	10.76	28.00	10.88	26.60	10.95	25.00	11.01	23.40	11.07
	-10.0	-10.5	30.50	10.88	28.90	11.01	27.50	11.07	25.90	11.13	24.30	11.20
	-7.0	-7.6	31.80	11.07	30.20	11.20	28.90	11.26	27.10	11.32	25.10	11.32
	-5.0	-5.6	32.70	11.20	31.10	11.32	29.40	11.32	27.40	11.32	25.20	10.67
	-3.0	-3.7	33.20	11.32	31.40	11.32	29.60	11.32	27.60	11.19	25.20	9.86
	0.0	-0.7	33.60	11.32	31.70	11.32	30.00	11.20	27.60	9.95	25.20	8.78
	3.0	2.2	34.00	11.32	32.10	11.05	30.00	9.98	27.60	8.89	25.20	7.86
	5.0	4.1	34.20	11.28	32.10	10.25	30.00	9.28	27.60	8.27	25.20	7.33
	7.0	6.0	34.20	10.48	32.10	9.53	30.00	8.64	27.60	7.72	25.20	6.85
	9.0	7.9	34.20	9.77	32.10	8.90	30.00	8.08	27.60	7.24	25.20	6.44
	11.0	9.8	34.20	9.14	32.10	8.34	30.00	7.59	27.60	6.81	25.20	6.07
	13.0	11.8	34.20	8.58	32.10	7.84	30.00	7.15	27.60	6.43	25.20	5.74
	15.0	13.7	34.20	8.08	32.10	7.40	30.00	6.76	27.60	6.10	25.20	5.46
110	-25.0	-25.1	18.80	9.20	18.40	9.51	18.00	9.82	17.60	10.13	16.20	9.59
	-22.0	-22.2	21.50	9.76	21.10	10.07	20.60	10.38	19.10	10.45	17.60	9.77
	-20.0	-20.2	23.30	10.13	22.70	10.45	21.50	10.51	20.00	10.57	18.50	9.90
	-17.0	-17.3	25.40	10.57	24.00	10.63	22.80	10.70	21.40	10.76	19.80	10.09
	-15.0	-15.3	26.30	10.70	24.90	10.76	23.70	10.82	22.30	10.88	20.70	10.21
	-12.0	-12.4	27.60	10.88	26.30	10.95	25.10	11.01	23.60	11.07	22.10	10.40
	-10.0	-10.5	28.50	11.01	27.20	11.07	26.00	11.13	24.50	11.20	23.00	10.52
	-7.0	-7.6	29.90	11.20	28.50	11.26	27.10	11.32	25.30	11.09	23.10	9.76
	-5.0	-5.6	30.60	11.32	28.90	11.32	27.40	11.32	25.30	10.23	23.10	9.02
	-3.0	-3.7	30.90	11.32	29.20	11.32	27.50	10.65	25.30	9.45	23.10	8.34
	0.0	-0.7	31.20	11.32	29.40	10.50	27.50	9.48	25.30	8.42	23.10	7.44
	3.0	2.2	31.40	10.33	29.40	9.37	27.50	8.47	25.30	7.54	23.10	6.67
	5.0	4.1	31.40	9.59	29.40	8.70	27.50	7.88	25.30	7.03	23.10	6.23
	7.0	6.0	31.40	8.92	29.40	8.11	27.50	7.35	25.30	6.57	23.10	5.83
	9.0	7.9	31.40	8.33	29.40	7.59	27.50	6.89	25.30	6.17	23.10	5.49
	11.0	9.8	31.40	7.81	29.40	7.13	27.50	6.48	25.30	5.82	23.10	5.18
	13.0	11.8	31.40	7.35	29.40	6.72	27.50	6.12	25.30	5.51	23.10	4.92
	15.0	13.7	31.40	6.94	29.40	6.36	27.50	5.80	25.30	5.24	23.10	4.68
100	-25.0	-25.1	18.20	9.64	17.90	9.82	17.50	9.91	16.20	9.10	14.60	8.30
	-22.0	-22.2	20.90	10.20	20.20	10.38	19.00	10.09	17.50	9.28	16.00	8.49
	-20.0	-20.2	22.20	10.45	21.10	10.51	19.90	10.22	18.40	9.41	16.90	8.62
	-17.0	-17.3	23.60	10.63	22.50	10.70	21.30	10.40	19.80	9.60	18.20	8.80
	-15.0	-15.3	24.50	10.76	23.40	10.82	22.20	10.53	20.70	9.72	19.10	8.93
	-12.0	-12.4	25.80	10.95	24.70	11.01	23.50	10.72	22.00	9.91	20.50	9.12
	-10.0	-10.5	26.70	11.07	25.60	11.13	24.40	10.84	22.90	10.03	21.00	9.24
	-7.0	-7.6	28.10	11.26	26.60	11.32	25.00	10.53	23.00	9.31	21.00	8.19
	-5.0	-5.6	28.30	11.32	26.80	10.77	25.00	9.72	23.00	8.60	21.00	7.57
	-3.0	-3.7	28.50	11.00	26.80	9.95	25.00	8.98	23.00	7.95	21.00	7.01
	0.0	-0.7	28.50	9.78	26.80	8.85	25.00	8.00	23.00	7.10	21.00	6.26
	3.0	2.2	28.50	8.73	26.80	7.92	25.00	7.16	23.00	6.37	21.00	5.63
	5.0	4.1	28.50	8.12	26.80	7.37	25.00	6.68	23.00	5.95	21.00	5.27
	7.0	6.0	28.50	7.57	26.80	6.88	25.00	6.24	23.00	5.57	21.00	4.94
	9.0	7.9	28.50	7.09	26.80	6.45	25.00	5.86	23.00	5.24	21.00	4.66
	11.0	9.8	28.50	6.67	26.80	6.08	25.00	5.53	23.00	4.96	21.00	4.41
	13.0	11.8	28.50	6.29	26.80	5.74	25.00	5.23	23.00	4.70	21.00	4.20
	15.0	13.7	28.50	5.96	26.80	5.45	25.00	4.97	23.00	4.48	21.00	4.01

10. Capacity Table

AM080BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	-25.0	-25.1	17.70	10.13	17.00	9.86	15.80	9.24	14.40	8.50	13.00	7.38
	-22.0	-22.2	19.40	10.45	18.30	10.05	17.10	9.43	15.80	8.69	14.40	7.57
	-20.0	-20.2	20.30	10.57	19.20	10.17	18.00	9.55	16.70	8.81	15.30	7.69
	-17.0	-17.3	21.70	10.76	20.60	10.36	19.40	9.74	18.00	9.00	16.60	7.88
	-15.0	-15.3	22.60	10.88	21.50	10.48	20.30	9.86	18.90	9.12	17.50	8.01
	-12.0	-12.4	23.90	11.07	22.80	10.67	21.60	10.05	20.30	9.31	18.90	8.19
	-10.0	-10.5	24.80	11.20	23.70	10.80	22.50	10.18	20.70	9.00	18.90	7.93
	-7.0	-7.6	25.70	11.07	24.10	10.01	22.50	9.01	20.70	7.98	18.90	7.03
	-5.0	-5.6	25.70	10.21	24.10	9.24	22.50	8.32	20.70	7.37	18.90	6.50
	-3.0	-3.7	25.70	9.44	24.10	8.54	22.50	7.70	20.70	6.83	18.90	6.03
	0.0	-0.7	25.70	8.41	24.10	7.62	22.50	6.88	20.70	6.10	18.90	5.40
	3.0	2.2	25.70	7.52	24.10	6.83	22.50	6.17	20.70	5.49	18.90	4.86
	5.0	4.1	25.70	7.01	24.10	6.37	22.50	5.76	20.70	5.14	18.90	4.55
	7.0	6.0	25.70	6.55	24.10	5.96	22.50	5.40	20.70	4.82	18.90	4.28
	9.0	7.9	25.70	6.15	24.10	5.60	22.50	5.09	20.70	4.55	18.90	4.04
	11.0	9.8	25.70	5.80	24.10	5.29	22.50	4.81	20.70	4.31	18.90	3.84
	13.0	11.8	25.70	5.49	24.10	5.01	22.50	4.56	20.70	4.10	18.90	3.66
	15.0	13.7	25.70	5.21	24.10	4.77	22.50	4.35	20.70	3.91	18.90	3.50
80	-25.0	-25.1	16.00	9.17	14.90	8.62	13.90	8.09	12.60	7.47	11.40	6.83
	-22.0	-22.2	17.40	9.36	16.30	8.81	15.20	8.28	14.00	7.66	12.80	7.01
	-20.0	-20.2	18.30	9.48	17.20	8.93	16.10	8.40	14.90	7.78	13.70	7.14
	-17.0	-17.3	19.60	9.67	18.50	9.12	17.50	8.59	16.20	7.97	15.00	7.32
	-15.0	-15.3	20.50	9.79	19.40	9.25	18.40	8.72	17.10	8.09	15.90	7.45
	-12.0	-12.4	21.90	9.98	20.80	9.43	19.70	8.90	18.40	8.28	16.80	7.27
	-10.0	-10.5	22.80	10.11	21.40	9.56	20.00	8.61	18.40	7.63	16.80	6.71
	-7.0	-7.6	22.80	9.38	21.40	8.47	20.00	7.63	18.40	6.77	16.80	5.96
	-5.0	-5.6	22.80	8.66	21.40	7.83	20.00	7.06	18.40	6.27	16.80	5.51
	-3.0	-3.7	22.80	8.01	21.40	7.24	20.00	6.53	18.40	5.81	16.80	5.11
	0.0	-0.7	22.80	7.15	21.40	6.47	20.00	5.85	18.40	5.20	16.80	4.59
	3.0	2.2	22.80	6.42	21.40	5.82	20.00	5.26	18.40	4.69	16.80	4.14
	5.0	4.1	22.80	5.99	21.40	5.44	20.00	4.92	18.40	4.39	16.80	3.89
	7.0	6.0	22.80	5.61	21.40	5.10	20.00	4.62	18.40	4.13	16.80	3.66
	9.0	7.9	22.80	5.28	21.40	4.81	20.00	4.36	18.40	3.90	16.80	3.47
	11.0	9.8	22.80	4.99	21.40	4.55	20.00	4.13	18.40	3.71	16.80	3.30
	13.0	11.8	22.80	4.74	21.40	4.33	20.00	3.93	18.40	3.53	16.80	3.15
	15.0	13.7	22.80	4.51	21.40	4.13	20.00	3.76	18.40	3.38	16.80	3.02
70	-25.0	-25.1	13.80	8.31	12.90	7.81	12.00	6.96	10.90	6.42	9.80	5.88
	-22.0	-22.2	15.20	8.49	14.20	8.00	13.30	7.14	12.20	6.61	11.20	6.07
	-20.0	-20.2	16.10	8.62	15.10	8.12	14.20	7.27	13.10	6.73	12.10	6.19
	-17.0	-17.3	17.40	8.80	16.50	8.31	15.60	7.45	14.50	6.92	13.40	6.38
	-15.0	-15.3	18.30	8.93	17.40	8.43	16.50	7.58	15.40	7.04	14.30	6.50
	-12.0	-12.4	19.70	9.12	18.70	8.62	17.50	7.77	16.10	6.88	14.70	6.05
	-10.0	-10.5	20.00	8.81	18.70	7.95	17.50	7.16	16.10	6.35	14.70	5.59
	-7.0	-7.6	20.00	7.81	18.70	7.05	17.50	6.36	16.10	5.64	14.70	4.97
	-5.0	-5.6	20.00	7.22	18.70	6.52	17.50	5.89	16.10	5.22	14.70	4.60
	-3.0	-3.7	20.00	6.69	18.70	6.05	17.50	5.46	16.10	4.85	14.70	4.28
	0.0	-0.7	20.00	5.98	18.70	5.42	17.50	4.90	16.10	4.35	14.70	3.85
	3.0	2.2	20.00	5.39	18.70	4.88	17.50	4.42	16.10	3.93	14.70	3.48
	5.0	4.1	20.00	5.04	18.70	4.57	17.50	4.14	16.10	3.69	14.70	3.27
	7.0	6.0	20.00	4.73	18.70	4.30	17.50	3.90	16.10	3.48	14.70	3.09
	9.0	7.9	20.00	4.47	18.70	4.07	17.50	3.69	16.10	3.30	14.70	2.93
	11.0	9.8	20.00	4.23	18.70	3.86	17.50	3.51	16.10	3.14	14.70	2.80
	13.0	11.8	20.00	4.03	18.70	3.68	17.50	3.35	16.10	3.00	14.70	2.68
	15.0	13.7	20.00	3.85	18.70	3.52	17.50	3.21	16.10	2.88	14.70	2.57
60	-25.0	-25.1	11.70	6.96	10.90	6.58	10.10	6.19	9.10	5.40	8.20	4.97
	-22.0	-22.2	13.00	7.14	12.20	6.77	11.40	6.38	10.50	5.59	9.60	5.15
	-20.0	-20.2	13.90	7.27	13.10	6.90	12.30	6.51	11.40	5.71	10.50	5.28
	-17.0	-17.3	15.30	7.46	14.50	7.08	13.70	6.69	12.70	5.90	11.80	5.47
	-15.0	-15.3	16.20	7.58	15.40	7.21	14.60	6.82	13.60	6.02	12.60	5.59
	-12.0	-12.4	17.10	7.77	16.10	7.04	15.00	6.34	13.80	5.61	12.60	4.95
	-10.0	-10.5	17.10	7.17	16.10	6.50	15.00	5.85	13.80	5.18	12.60	4.57
	-7.0	-7.6	17.10	6.36	16.10	5.77	15.00	5.20	13.80	4.61	12.60	4.07
	-5.0	-5.6	17.10	5.89	16.10	5.34	15.00	4.82	13.80	4.27	12.60	3.78
	-3.0	-3.7	17.10	5.46	16.10	4.96	15.00	4.48	13.80	3.97	12.60	3.51
	0.0	-0.7	17.10	4.90	16.10	4.45	15.00	4.03	13.80	3.58	12.60	3.17
	3.0	2.2	17.10	4.43	16.10	4.03	15.00	3.64	13.80	3.24	12.60	2.88
	5.0	4.1	17.10	4.15	16.10	3.78	15.00	3.42	13.80	3.05	12.60	2.71
	7.0	6.0	17.10	3.91	16.10	3.56	15.00	3.23	13.80	2.88	12.60	2.56
	9.0	7.9	17.10	3.70	16.10	3.37	15.00	3.06	13.80	2.74	12.60	2.44
	11.0	9.8	17.10	3.52	16.10	3.21	15.00	2.92	13.80	2.61	12.60	2.33
	13.0	11.8	17.10	3.36	16.10	3.07	15.00	2.79	13.80	2.50	12.60	2.23
	15.0	13.7	17.10	3.22	16.10	2.94	15.00	2.68	13.80	2.40	12.60	2.15

10. Capacity Table

AM080BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	-25.0	-25.1	9.50	5.99	8.80	5.36	8.10	5.04	7.40	4.40	6.60	4.04
	-22.0	-22.2	10.80	6.18	10.20	5.55	9.50	5.23	8.70	4.59	8.00	4.23
	-20.0	-20.2	11.70	6.30	11.10	5.68	10.40	5.35	9.60	4.71	8.90	4.36
	-17.0	-17.3	13.10	6.49	12.40	5.86	11.70	5.54	11.00	4.90	10.20	4.54
	-15.0	-15.3	14.00	6.61	13.30	5.99	12.50	5.66	11.50	5.02	10.50	4.42
	-12.0	-12.4	14.30	6.16	13.40	5.58	12.50	5.02	11.50	4.45	10.50	3.92
	-10.0	-10.5	14.30	5.68	13.40	5.15	12.50	4.63	11.50	4.11	10.50	3.62
	-7.0	-7.6	14.30	5.05	13.40	4.59	12.50	4.13	11.50	3.67	10.50	3.23
	-5.0	-5.6	14.30	4.68	13.40	4.25	12.50	3.83	11.50	3.40	10.50	3.00
	-3.0	-3.7	14.30	4.35	13.40	3.95	12.50	3.56	11.50	3.17	10.50	2.80
	0.0	-0.7	14.30	3.92	13.40	3.56	12.50	3.21	11.50	2.86	10.50	2.53
	3.0	2.2	14.30	3.55	13.40	3.23	12.50	2.92	11.50	2.60	10.50	2.30
	5.0	4.1	14.30	3.34	13.40	3.04	12.50	2.75	11.50	2.45	10.50	2.17
	7.0	6.0	14.30	3.15	13.40	2.87	12.50	2.60	11.50	2.32	10.50	2.06
	9.0	7.9	14.30	2.99	13.40	2.73	12.50	2.47	11.50	2.21	10.50	1.96
	11.0	9.8	14.30	2.85	13.40	2.60	12.50	2.36	11.50	2.11	10.50	1.88
	13.0	11.8	14.30	2.73	13.40	2.49	12.50	2.27	11.50	2.03	10.50	1.81
	15.0	13.7	14.30	2.63	13.40	2.40	12.50	2.18	11.50	1.96	10.50	1.74

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM100BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	23.70	4.00	28.80	4.92	33.90	5.92	36.40	6.46	38.60	6.98	43.00	8.13	47.30	9.46
	12	23.70	4.19	28.80	5.17	33.90	6.25	36.40	6.84	38.60	7.41	43.00	8.66	47.30	10.11
	14	23.70	4.40	28.80	5.46	33.90	6.63	36.40	7.27	38.60	7.89	43.00	9.26	47.30	10.84
	16	23.70	4.63	28.80	5.79	33.90	7.06	36.40	7.76	38.60	8.43	43.00	9.92	47.30	11.65
	18	23.70	4.90	28.80	6.15	33.90	7.54	36.40	8.30	38.60	9.03	43.00	10.65	47.30	12.53
	20	23.70	5.21	28.80	6.56	33.90	8.07	36.40	8.90	38.60	9.70	43.00	11.46	47.30	13.51
	21	23.70	5.37	28.80	6.78	33.90	8.36	36.40	9.22	38.60	10.06	43.00	11.90	47.30	14.03
	23	23.70	5.73	28.80	7.26	33.90	8.98	36.40	9.92	38.60	10.83	43.00	12.83	46.10	13.71
	25	23.70	6.13	28.80	7.80	33.90	9.66	36.40	10.69	38.60	11.67	43.00	13.84	44.50	13.39
	27	23.70	6.58	28.80	8.39	33.90	10.41	36.40	11.52	38.60	12.60	41.90	13.52	42.80	13.07
	29	23.70	7.07	28.80	9.04	33.90	11.24	36.40	12.44	38.60	13.60	40.20	13.21	41.10	12.75
	31	23.70	7.61	28.80	9.75	33.90	12.13	36.40	13.43	37.70	13.28	38.60	12.89	39.40	12.44
	33	23.70	8.21	28.80	10.52	33.90	13.10	35.60	13.12	36.00	12.96	36.90	12.57	37.70	12.12
	35	23.70	8.86	28.80	11.36	33.40	13.46	33.90	12.80	34.30	12.65	35.20	12.25	36.10	11.80
	37	23.70	9.57	28.80	12.27	31.70	13.14	32.20	12.48	32.60	12.33	33.50	11.93	34.40	11.48
	39	23.70	10.33	28.80	13.25	30.00	12.82	30.50	12.16	31.00	12.01	31.80	11.61	32.70	11.16
	43	23.30	11.44	25.60	12.61	26.70	12.18	27.20	11.52	27.60	11.37	28.50	10.98	29.30	10.53
	46	20.80	10.96	23.10	12.14	24.10	11.71	24.60	11.05	25.10	10.89	26.00	10.50	26.80	10.05
	48	19.10	10.64	21.40	11.82	22.50	11.39	23.00	10.73	23.40	10.58	24.30	10.18	25.10	9.73
	54	14.10	9.69	16.40	10.86	17.40	10.43	17.90	9.77	18.40	9.62	19.20	9.23	20.10	8.78
120	10	21.80	3.59	26.50	4.43	31.30	5.32	33.60	5.80	35.60	6.26	39.70	7.28	43.70	8.44
	12	21.80	3.75	26.50	4.64	31.30	5.61	33.60	6.13	35.60	6.62	39.70	7.73	43.70	9.00
	14	21.80	3.93	26.50	4.89	31.30	5.93	33.60	6.50	35.60	7.04	39.70	8.24	43.70	9.63
	16	21.80	4.13	26.50	5.17	31.30	6.30	33.60	6.91	35.60	7.50	39.70	8.81	43.70	10.32
	18	21.80	4.36	26.50	5.48	31.30	6.71	33.60	7.38	35.60	8.02	39.70	9.45	43.70	11.09
	20	21.80	4.63	26.50	5.83	31.30	7.17	33.60	7.90	35.60	8.59	39.70	10.15	43.70	11.94
	21	21.80	4.77	26.50	6.03	31.30	7.42	33.60	8.18	35.60	8.91	39.70	10.53	43.70	12.39
	23	21.80	5.08	26.50	6.44	31.30	7.96	33.60	8.78	35.60	9.58	39.70	11.34	43.70	13.36
	25	21.80	5.43	26.50	6.91	31.30	8.56	33.60	9.45	35.60	10.31	39.70	12.23	43.70	14.09
	27	21.80	5.82	26.50	7.42	31.30	9.21	33.60	10.19	35.60	11.12	39.70	13.20	42.10	13.77
	29	21.80	6.25	26.50	7.99	31.30	9.93	33.60	10.99	35.60	12.00	39.60	13.55	40.40	13.45
	31	21.80	6.73	26.50	8.61	31.30	10.72	33.60	11.86	35.60	12.96	37.90	13.24	38.70	13.14
	33	21.80	7.25	26.50	9.29	31.30	11.57	33.60	12.81	35.40	13.31	36.20	12.92	37.00	12.82
	35	21.80	7.82	26.50	10.03	31.30	12.50	33.30	13.16	33.70	12.99	34.50	12.60	35.30	12.50
	37	21.80	8.44	26.50	10.83	31.20	12.83	31.60	12.84	32.00	12.67	32.90	12.28	33.70	12.18
	39	21.80	9.12	26.50	11.70	29.50	12.51	30.00	12.52	30.40	12.36	31.20	11.96	32.00	11.86
	43	21.80	10.64	24.80	11.68	26.10	11.88	26.60	11.88	27.00	11.72	27.80	11.33	28.60	11.23
	46	19.90	10.16	22.20	11.20	23.60	11.40	24.10	11.41	24.50	11.24	25.30	10.85	26.10	10.75
	48	18.20	9.84	20.60	10.89	21.90	11.08	22.40	11.09	22.80	10.92	23.60	10.53	24.40	10.43
	54	13.20	8.88	15.50	9.93	16.90	10.13	17.40	10.13	17.80	9.97	18.60	9.58	19.40	9.47
110	10	20.00	3.21	24.30	3.96	28.60	4.76	30.80	5.19	32.70	5.61	36.30	6.49	40.00	7.52
	12	20.00	3.35	24.30	4.14	28.60	5.01	30.80	5.47	32.70	5.92	36.30	6.88	40.00	8.00
	14	20.00	3.50	24.30	4.35	28.60	5.28	30.80	5.78	32.70	6.27	36.30	7.31	40.00	8.53
	16	20.00	3.67	24.30	4.59	28.60	5.60	30.80	6.14	32.70	6.66	36.30	7.80	40.00	9.12
	18	20.00	3.87	24.30	4.86	28.60	5.95	30.80	6.53	32.70	7.10	36.30	8.34	40.00	9.78
	20	20.00	4.10	24.30	5.16	28.60	6.34	30.80	6.98	32.70	7.60	36.30	8.95	40.00	10.51
	21	20.00	4.22	24.30	5.33	28.60	6.56	30.80	7.22	32.70	7.87	36.30	9.27	40.00	10.90
	23	20.00	4.49	24.30	5.69	28.60	7.02	30.80	7.75	32.70	8.45	36.30	9.98	40.00	11.74
	25	20.00	4.79	24.30	6.09	28.60	7.54	30.80	8.33	32.70	9.08	36.30	10.75	40.00	12.66
	27	20.00	5.13	24.30	6.53	28.60	8.11	30.80	8.96	32.70	9.79	36.30	11.59	40.00	13.67
	29	20.00	5.50	24.30	7.03	28.60	8.73	30.80	9.66	32.70	10.56	36.30	12.51	39.60	13.93
	31	20.00	5.92	24.30	7.57	28.60	9.42	30.80	10.43	32.70	11.39	36.30	13.51	38.00	13.61
	33	20.00	6.37	24.30	8.16	28.60	10.17	30.80	11.26	32.70	12.31	35.50	13.88	36.30	13.29
	35	20.00	6.87	24.30	8.81	28.60	10.98	30.80	12.16	32.70	13.29	33.90	13.56	34.60	12.98
	37	20.00	7.42	24.30	9.52	28.60	11.86	30.80	13.13	31.50	12.97	32.20	13.25	32.90	12.66
	39	20.00	8.01	24.30	10.28	28.60	12.81	29.40	12.81	29.80	12.65	30.50	12.93	31.20	12.34
	43	20.00	9.34	23.60	11.37	25.60	12.17	26.00	12.18	26.40	12.02	27.10	12.29	27.90	11.70
	46	19.00	9.39	21.10	10.90	23.10	11.69	23.50	11.70	23.90	11.54	24.60	11.81	25.40	11.23
	48	17.30	9.07	19.40	10.58	21.40	11.37	21.80	11.38	22.20	11.22	22.90	11.50	23.70	10.91
	54	12.30	8.12	14.40	9.62	16.40	10.42	16.80	10.43	17.20	10.27	17.90	10.54	18.60	9.95

10. Capacity Table

AM100BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	18.20	2.85	22.10	3.52	26.00	4.24	28.00	4.63	29.70	4.99	33.00	5.79	36.40	6.69
	12	18.20	2.97	22.10	3.68	26.00	4.45	28.00	4.86	29.70	5.25	33.00	6.11	36.40	7.09
	14	18.20	3.10	22.10	3.86	26.00	4.68	28.00	5.12	29.70	5.54	33.00	6.48	36.40	7.53
	16	18.20	3.25	22.10	4.06	26.00	4.94	28.00	5.42	29.70	5.88	33.00	6.89	36.40	8.03
	18	18.20	3.42	22.10	4.29	26.00	5.24	28.00	5.76	29.70	6.25	33.00	7.35	36.40	8.59
	20	18.20	3.61	22.10	4.55	26.00	5.58	28.00	6.14	29.70	6.67	33.00	7.86	36.40	9.21
	21	18.20	3.71	22.10	4.69	26.00	5.76	28.00	6.35	29.70	6.90	33.00	8.14	36.40	9.55
	23	18.20	3.95	22.10	5.00	26.00	6.16	28.00	6.79	29.70	7.40	33.00	8.74	36.40	10.27
	25	18.20	4.20	22.10	5.34	26.00	6.60	28.00	7.29	29.70	7.95	33.00	9.40	36.40	11.07
	27	18.20	4.49	22.10	5.72	26.00	7.09	28.00	7.84	29.70	8.55	33.00	10.13	36.40	11.94
	29	18.20	4.82	22.10	6.15	26.00	7.63	28.00	8.44	29.70	9.21	33.00	10.93	36.40	12.88
	31	18.20	5.17	22.10	6.62	26.00	8.22	28.00	9.10	29.70	9.94	33.00	11.80	36.40	13.91
	33	18.20	5.57	22.10	7.13	26.00	8.87	28.00	9.83	29.70	10.73	33.00	12.74	35.60	13.60
	35	18.20	6.00	22.10	7.69	26.00	9.58	28.00	10.61	29.70	11.59	33.00	13.76	33.90	13.28
	37	18.20	6.48	22.10	8.30	26.00	10.35	28.00	11.46	29.70	12.52	31.50	13.44	32.20	12.96
	39	18.20	6.99	22.10	8.97	26.00	11.18	28.00	12.38	29.20	12.85	29.80	13.12	30.50	12.64
	43	18.20	8.16	22.10	10.46	24.50	11.75	25.50	12.38	25.80	12.21	26.50	12.49	27.20	12.00
	46	18.10	8.65	20.00	9.98	22.00	11.27	23.00	11.90	23.30	11.74	24.00	12.01	24.60	11.53
	48	16.40	8.33	18.30	9.66	20.30	10.95	21.30	11.59	21.60	11.42	22.30	11.69	23.00	11.21
	54	11.30	7.37	13.30	8.71	15.30	10.00	16.20	10.63	16.60	10.46	17.20	10.74	17.90	10.25
90	10	16.40	2.46	19.90	3.05	23.40	3.68	25.20	4.02	26.70	4.33	29.70	5.03	32.80	5.80
	12	16.40	2.56	19.90	3.18	23.40	3.85	25.20	4.21	26.70	4.55	29.70	5.29	32.80	6.13
	14	16.40	2.67	19.90	3.33	23.40	4.04	25.20	4.43	26.70	4.79	29.70	5.59	32.80	6.49
	16	16.40	2.79	19.90	3.49	23.40	4.26	25.20	4.67	26.70	5.06	29.70	5.92	32.80	6.90
	18	16.40	2.93	19.90	3.68	23.40	4.50	25.20	4.95	26.70	5.37	29.70	6.30	32.80	7.36
	20	16.40	3.09	19.90	3.90	23.40	4.78	25.20	5.26	26.70	5.72	29.70	6.73	32.80	7.88
	21	16.40	3.18	19.90	4.01	23.40	4.93	25.20	5.43	26.70	5.91	29.70	6.96	32.80	8.15
	23	16.40	3.37	19.90	4.27	23.40	5.26	25.20	5.81	26.70	6.32	29.70	7.46	32.80	8.76
	25	16.40	3.59	19.90	4.56	23.40	5.63	25.20	6.22	26.70	6.77	29.70	8.01	32.80	9.42
	27	16.40	3.83	19.90	4.88	23.40	6.04	25.20	6.68	26.70	7.28	29.70	8.62	32.80	10.15
	29	16.40	4.10	19.90	5.23	23.40	6.49	25.20	7.18	26.70	7.84	29.70	9.29	32.80	10.94
	31	16.40	4.40	19.90	5.62	23.40	6.99	25.20	7.74	26.70	8.45	29.70	10.02	32.80	11.81
	33	16.40	4.73	19.90	6.06	23.40	7.53	25.20	8.35	26.70	9.11	29.70	10.82	32.80	12.76
	35	16.40	5.09	19.90	6.53	23.40	8.13	25.20	9.01	26.70	9.84	29.70	11.68	32.80	13.78
	37	16.40	5.49	19.90	7.05	23.40	8.78	25.20	9.73	26.70	10.63	29.70	12.62	31.50	13.46
	39	16.40	5.93	19.90	7.61	23.40	9.48	25.20	10.51	26.70	11.48	29.20	12.95	29.80	13.14
	43	16.40	6.92	19.90	8.88	23.20	10.48	24.10	11.03	24.80	11.45	25.80	12.31	26.40	12.51
	46	16.40	7.76	18.90	8.91	20.70	10.01	21.60	10.55	22.30	10.97	23.30	11.84	23.90	12.03
	48	15.50	7.44	17.20	8.59	19.00	9.69	19.90	10.23	20.60	10.65	21.60	11.52	22.20	11.71
	54	10.40	6.49	12.20	7.64	14.00	8.73	14.80	9.28	15.60	9.70	16.60	10.56	17.20	10.76
80	10	14.60	2.11	17.70	2.62	20.80	3.17	22.40	3.46	23.70	3.74	26.40	4.34	29.10	5.01
	12	14.60	2.19	17.70	2.73	20.80	3.30	22.40	3.62	23.70	3.91	26.40	4.55	29.10	5.27
	14	14.60	2.28	17.70	2.85	20.80	3.46	22.40	3.79	23.70	4.10	26.40	4.79	29.10	5.56
	16	14.60	2.38	17.70	2.98	20.80	3.64	22.40	3.99	23.70	4.33	26.40	5.06	29.10	5.89
	18	14.60	2.49	17.70	3.14	20.80	3.84	22.40	4.22	23.70	4.58	26.40	5.37	29.10	6.27
	20	14.60	2.62	17.70	3.31	20.80	4.06	22.40	4.47	23.70	4.86	26.40	5.72	29.10	6.69
	21	14.60	2.70	17.70	3.41	20.80	4.19	22.40	4.61	23.70	5.02	26.40	5.91	29.10	6.91
	23	14.60	2.85	17.70	3.62	20.80	4.46	22.40	4.92	23.70	5.35	26.40	6.31	29.10	7.41
	25	14.60	3.03	17.70	3.85	20.80	4.76	22.40	5.26	23.70	5.73	26.40	6.77	29.10	7.95
	27	14.60	3.23	17.70	4.12	20.80	5.10	22.40	5.64	23.70	6.15	26.40	7.27	29.10	8.56
	29	14.60	3.45	17.70	4.41	20.80	5.47	22.40	6.06	23.70	6.61	26.40	7.83	29.10	9.22
	31	14.60	3.70	17.70	4.74	20.80	5.89	22.40	6.52	23.70	7.12	26.40	8.44	29.10	9.94
	33	14.60	3.98	17.70	5.10	20.80	6.34	22.40	7.03	23.70	7.67	26.40	9.10	29.10	10.73
	35	14.60	4.28	17.70	5.49	20.80	6.84	22.40	7.58	23.70	8.28	26.40	9.83	29.10	11.59
	37	14.60	4.62	17.70	5.92	20.80	7.39	22.40	8.19	23.70	8.94	26.40	10.62	29.10	12.52
	39	14.60	4.98	17.70	6.40	20.80	7.98	22.40	8.84	23.70	9.66	26.40	11.47	29.10	12.85
	43	14.60	5.81	17.70	7.46	20.80	9.30	22.40	10.31	23.40	10.68	24.70	11.44	25.70	12.21
	46	14.60	6.52	17.70	8.37	19.40	9.35	20.20	9.83	20.80	10.20	22.20	10.96	23.20	11.74
	48	14.60	6.62	16.10	8.05	17.70	9.03	18.50	9.51	19.20	9.88	20.50	10.64	21.50	11.42
	54	9.50	5.66	11.10	7.10	12.70	8.07	13.40	8.56	14.10	8.93	15.50	9.69	16.50	10.46

10. Capacity Table

AM100BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	12.70	1.79	15.50	2.22	18.20	2.70	19.60	2.95	20.80	3.19	23.10	3.70	25.50	4.28
	12	12.70	1.85	15.50	2.31	18.20	2.81	19.60	3.07	20.80	3.33	23.10	3.87	25.50	4.49
	14	12.70	1.92	15.50	2.41	18.20	2.93	19.60	3.21	20.80	3.49	23.10	4.06	25.50	4.72
	16	12.70	2.01	15.50	2.52	18.20	3.07	19.60	3.37	20.80	3.66	23.10	4.28	25.50	4.98
	18	12.70	2.10	15.50	2.64	18.20	3.23	19.60	3.55	20.80	3.86	23.10	4.52	25.50	5.28
	20	12.70	2.21	15.50	2.78	18.20	3.42	19.60	3.76	20.80	4.09	23.10	4.80	25.50	5.62
	21	12.70	2.26	15.50	2.86	18.20	3.52	19.60	3.87	20.80	4.22	23.10	4.95	25.50	5.80
	23	12.70	2.39	15.50	3.03	18.20	3.74	19.60	4.12	20.80	4.49	23.10	5.28	25.50	6.20
	25	12.70	2.54	15.50	3.22	18.20	3.98	19.60	4.39	20.80	4.79	23.10	5.65	25.50	6.64
	27	12.70	2.70	15.50	3.44	18.20	4.25	19.60	4.70	20.80	5.13	23.10	6.06	25.50	7.13
	29	12.70	2.88	15.50	3.67	18.20	4.56	19.60	5.04	20.80	5.51	23.10	6.52	25.50	7.68
	31	12.70	3.09	15.50	3.94	18.20	4.90	19.60	5.42	20.80	5.92	23.10	7.01	25.50	8.27
	33	12.70	3.31	15.50	4.24	18.20	5.27	19.60	5.83	20.80	6.38	23.10	7.56	25.50	8.92
	35	12.70	3.56	15.50	4.56	18.20	5.68	19.60	6.29	20.80	6.88	23.10	8.16	25.50	9.63
	37	12.70	3.84	15.50	4.92	18.20	6.13	19.60	6.79	20.80	7.43	23.10	8.81	25.50	10.40
	39	12.70	4.14	15.50	5.31	18.20	6.62	19.60	7.33	20.80	8.02	23.10	9.52	25.50	11.23
	43	12.70	4.83	15.50	6.19	18.20	7.72	19.60	8.55	20.80	9.36	23.00	10.52	24.20	11.81
	46	12.70	5.42	15.50	6.95	18.10	8.18	18.80	8.57	19.40	9.40	20.50	10.04	21.70	11.34
	48	12.70	5.85	15.00	7.06	16.40	7.86	17.10	8.25	17.70	9.09	18.80	9.73	20.00	11.02
	54	8.60	5.28	10.00	6.11	11.40	6.91	12.00	7.30	12.60	8.13	13.80	8.77	15.00	10.06
60	10	10.90	1.48	13.30	1.86	15.60	2.26	16.80	2.47	17.80	2.67	19.80	3.12	21.80	3.60
	12	10.90	1.53	13.30	1.92	15.60	2.35	16.80	2.57	17.80	2.78	19.80	3.25	21.80	3.76
	14	10.90	1.59	13.30	2.00	15.60	2.45	16.80	2.68	17.80	2.91	19.80	3.40	21.80	3.94
	16	10.90	1.66	13.30	2.09	15.60	2.56	16.80	2.80	17.80	3.04	19.80	3.57	21.80	4.15
	18	10.90	1.73	13.30	2.19	15.60	2.69	16.80	2.95	17.80	3.20	19.80	3.76	21.80	4.38
	20	10.90	1.82	13.30	2.30	15.60	2.83	16.80	3.11	17.80	3.38	19.80	3.98	21.80	4.65
	21	10.90	1.86	13.30	2.36	15.60	2.91	16.80	3.20	17.80	3.48	19.80	4.10	21.80	4.79
	23	10.90	1.96	13.30	2.49	15.60	3.08	16.80	3.39	17.80	3.69	19.80	4.36	21.80	5.10
	25	10.90	2.08	13.30	2.65	15.60	3.28	16.80	3.61	17.80	3.94	19.80	4.65	21.80	5.45
	27	10.90	2.21	13.30	2.82	15.60	3.50	16.80	3.85	17.80	4.21	19.80	4.98	21.80	5.84
	29	10.90	2.35	13.30	3.01	15.60	3.74	16.80	4.13	17.80	4.51	19.80	5.34	21.80	6.28
	31	10.90	2.52	13.30	3.22	15.60	4.01	16.80	4.43	17.80	4.84	19.80	5.74	21.80	6.75
	33	10.90	2.70	13.30	3.46	15.60	4.31	16.80	4.76	17.80	5.21	19.80	6.18	21.80	7.28
	35	10.90	2.90	13.30	3.72	15.60	4.64	16.80	5.13	17.80	5.61	19.80	6.66	21.80	7.85
	37	10.90	3.12	13.30	4.01	15.60	5.00	16.80	5.53	17.80	6.05	19.80	7.19	21.80	8.48
	39	10.90	3.37	13.30	4.33	15.60	5.40	16.80	5.98	17.80	6.54	19.80	7.76	21.80	9.15
	43	10.90	3.93	13.30	5.05	15.60	6.30	16.80	6.97	17.80	7.63	19.80	9.06	21.80	10.68
	46	10.90	4.41	13.30	5.66	15.60	7.07	16.80	7.82	17.80	8.56	18.90	9.09	19.90	10.20
	48	10.90	4.76	13.30	6.11	15.10	7.19	15.70	7.50	16.20	8.24	17.20	8.77	18.20	9.88
	54	7.70	4.50	8.90	5.16	10.10	6.23	10.60	6.55	11.10	7.28	12.20	7.82	13.20	8.93
50	10	9.10	1.20	11.10	1.51	13.00	1.84	14.00	2.02	14.80	2.19	16.50	2.55	18.20	2.96
	12	9.10	1.24	11.10	1.56	13.00	1.91	14.00	2.10	14.80	2.27	16.50	2.66	18.20	3.08
	14	9.10	1.29	11.10	1.62	13.00	1.98	14.00	2.18	14.80	2.37	16.50	2.77	18.20	3.22
	16	9.10	1.34	11.10	1.69	13.00	2.07	14.00	2.28	14.80	2.47	16.50	2.90	18.20	3.38
	18	9.10	1.40	11.10	1.76	13.00	2.17	14.00	2.39	14.80	2.59	16.50	3.04	18.20	3.55
	20	9.10	1.46	11.10	1.85	13.00	2.28	14.00	2.51	14.80	2.73	16.50	3.21	18.20	3.75
	21	9.10	1.50	11.10	1.90	13.00	2.34	14.00	2.58	14.80	2.81	16.50	3.30	18.20	3.86
	23	9.10	1.58	11.10	2.00	13.00	2.47	14.00	2.73	14.80	2.97	16.50	3.50	18.20	4.10
	25	9.10	1.67	11.10	2.12	13.00	2.62	14.00	2.89	14.80	3.16	16.50	3.72	18.20	4.37
	27	9.10	1.77	11.10	2.25	13.00	2.79	14.00	3.08	14.80	3.37	16.50	3.98	18.20	4.67
	29	9.10	1.88	11.10	2.40	13.00	2.98	14.00	3.30	14.80	3.60	16.50	4.26	18.20	5.01
	31	9.10	2.01	11.10	2.57	13.00	3.19	14.00	3.53	14.80	3.86	16.50	4.57	18.20	5.38
	33	9.10	2.15	11.10	2.75	13.00	3.42	14.00	3.79	14.80	4.14	16.50	4.91	18.20	5.79
	35	9.10	2.31	11.10	2.96	13.00	3.68	14.00	4.08	14.80	4.46	16.50	5.29	18.20	6.24
	37	9.10	2.49	11.10	3.19	13.00	3.97	14.00	4.40	14.80	4.81	16.50	5.71	18.20	6.73
	39	9.10	2.68	11.10	3.44	13.00	4.28	14.00	4.75	14.80	5.19	16.50	6.16	18.20	7.27
	43	9.10	3.12	11.10	4.01	13.00	4.99	14.00	5.54	14.80	6.05	16.50	7.19	18.20	8.48
	46	9.10	3.50	11.10	4.50	13.00	5.60	14.00	6.21	14.80	6.79	16.50	8.07	18.10	9.00
	48	9.10	3.78	11.10	4.86	13.00	6.05	14.00	6.71	14.70	6.90	15.50	7.75	16.40	8.68
	54	6.80	3.77	7.80	4.61	8.70	5.09	9.20	5.75	9.70	5.95	10.50	6.79	11.30	7.73

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM100BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25.0	-25.1	26.70	8.52	26.10	9.02	25.60	9.44	24.90	10.02	24.20	10.61
	-22.0	-22.2	30.10	9.27	29.50	9.77	29.00	10.19	28.30	10.77	27.50	11.36
	-20.0	-20.2	32.40	9.77	31.80	10.27	31.20	10.69	30.60	11.28	28.50	11.53
	-17.0	-17.3	35.80	10.52	35.20	11.02	34.60	11.44	32.30	11.69	29.90	11.78
	-15.0	-15.3	38.00	11.02	37.50	11.53	35.90	11.78	33.30	11.86	30.80	11.94
	-12.0	-12.4	41.40	11.78	39.50	11.94	37.30	12.03	34.50	12.11	31.90	12.11
	-10.0	-10.5	42.40	12.11	40.00	12.11	37.60	12.11	34.80	12.11	32.20	12.11
	-7.0	-7.6	42.90	12.11	40.50	12.11	38.10	12.11	35.30	12.11	32.70	12.11
	-5.0	-5.6	43.20	12.11	40.80	12.11	38.40	12.11	35.60	12.11	33.00	12.11
	-3.0	-3.7	43.50	12.11	41.10	12.11	38.70	12.11	35.90	12.11	33.30	12.11
	0.0	-0.7	44.00	12.11	41.60	12.11	39.20	12.11	36.40	12.11	33.80	12.11
	3.0	2.2	44.50	12.11	42.10	12.11	39.70	12.11	36.90	12.11	34.20	12.11
	5.0	4.1	44.80	12.11	42.40	12.11	40.00	12.11	37.20	12.11	34.40	11.52
	7.0	6.0	45.10	12.11	42.70	12.11	40.30	12.11	37.50	12.11	34.40	10.75
	9.0	7.9	45.40	12.11	43.00	12.11	40.60	12.11	37.70	11.34	34.40	10.08
	11.0	9.8	45.70	12.11	43.30	12.11	41.00	11.86	37.70	10.64	34.40	9.48
	13.0	11.8	46.10	12.11	43.70	12.11	41.00	11.15	37.70	10.02	34.40	8.95
	15.0	13.7	46.40	12.11	43.80	11.51	41.00	10.52	37.70	9.47	34.40	8.49
120	-25.0	-25.1	26.00	9.10	25.50	9.44	24.90	9.86	24.30	10.44	23.70	10.77
	-22.0	-22.2	29.40	9.86	28.90	10.19	28.30	10.61	27.70	11.19	25.80	11.36
	-20.0	-20.2	31.70	10.36	31.10	10.69	30.60	11.11	29.00	11.53	26.70	11.53
	-17.0	-17.3	35.10	11.11	34.50	11.44	32.80	11.69	30.40	11.78	28.20	11.78
	-15.0	-15.3	37.30	11.61	35.80	11.78	33.70	11.86	31.30	11.94	29.10	11.94
	-12.0	-12.4	39.00	12.03	37.20	12.03	35.00	12.11	32.40	12.11	29.90	12.11
	-10.0	-10.5	39.60	12.11	37.50	12.11	35.30	12.11	32.70	12.11	30.20	12.11
	-7.0	-7.6	40.10	12.11	37.90	12.11	35.80	12.11	33.20	12.11	30.60	12.11
	-5.0	-5.6	40.40	12.11	38.20	12.11	36.10	12.11	33.50	12.11	31.00	12.11
	-3.0	-3.7	40.70	12.11	38.60	12.11	36.40	12.11	33.80	12.11	31.30	12.11
	0.0	-0.7	41.20	12.11	39.00	12.11	36.90	12.11	34.30	12.11	31.80	11.76
	3.0	2.2	41.70	12.11	39.50	12.11	37.30	12.11	34.80	11.91	31.80	10.52
	5.0	4.1	42.00	12.11	39.80	12.11	37.60	12.11	34.80	11.08	31.80	9.80
	7.0	6.0	42.30	12.11	40.10	12.11	37.80	11.56	34.80	10.33	31.80	9.16
	9.0	7.9	42.60	12.11	40.50	11.91	37.80	10.81	34.80	9.68	31.80	8.60
	11.0	9.8	42.90	12.11	40.50	11.15	37.80	10.15	34.80	9.10	31.80	8.11
	13.0	11.8	43.10	11.46	40.50	10.49	37.80	9.56	34.80	8.59	31.80	7.67
	15.0	13.7	43.10	10.79	40.50	9.89	37.80	9.03	34.80	8.14	31.80	7.29
110	-25.0	-25.1	25.30	9.61	24.80	10.02	24.30	10.44	23.70	10.77	22.50	11.02
	-22.0	-22.2	28.70	10.36	28.20	10.77	27.70	11.19	26.10	11.36	24.10	11.44
	-20.0	-20.2	30.90	10.86	30.50	11.28	29.00	11.53	27.00	11.53	25.00	11.61
	-17.0	-17.3	34.30	11.61	32.40	11.69	30.40	11.78	28.40	11.78	26.40	11.86
	-15.0	-15.3	35.20	11.78	33.40	11.86	31.40	11.94	29.40	11.94	27.40	12.03
	-12.0	-12.4	36.60	12.03	34.60	12.11	32.40	12.11	30.10	12.11	28.00	12.11
	-10.0	-10.5	36.80	12.11	34.90	12.11	32.80	12.11	30.50	12.11	28.30	12.11
	-7.0	-7.6	37.30	12.11	35.30	12.11	33.20	12.11	30.90	12.11	28.80	12.11
	-5.0	-5.6	37.60	12.11	35.70	12.11	33.50	12.11	31.30	12.11	29.10	12.08
	-3.0	-3.7	37.90	12.11	36.00	12.11	33.90	12.11	31.60	12.11	29.10	11.17
	0.0	-0.7	38.40	12.11	36.50	12.11	34.30	12.11	31.90	11.28	29.10	9.96
	3.0	2.2	38.90	12.11	36.90	12.11	34.70	11.34	31.90	10.10	29.10	8.93
	5.0	4.1	39.20	12.11	37.10	11.66	34.70	10.55	31.90	9.41	29.10	8.33
	7.0	6.0	39.50	11.93	37.10	10.86	34.70	9.84	31.90	8.79	29.10	7.80
	9.0	7.9	39.50	11.14	37.10	10.16	34.70	9.22	31.90	8.25	29.10	7.34
	11.0	9.8	39.50	10.44	37.10	9.54	34.70	8.67	31.90	7.78	29.10	6.93
	13.0	11.8	39.50	9.82	37.10	8.99	34.70	8.19	31.90	7.36	29.10	6.57
	15.0	13.7	39.50	9.27	37.10	8.50	34.70	7.76	31.90	6.99	29.10	6.25
100	-25.0	-25.1	24.60	10.19	24.10	10.44	23.70	10.96	22.40	11.02	20.90	11.19
	-22.0	-22.2	28.00	10.94	27.50	11.19	26.10	11.36	24.10	11.44	22.40	11.44
	-20.0	-20.2	30.10	11.44	28.50	11.53	27.00	11.53	25.10	11.61	23.30	11.61
	-17.0	-17.3	31.60	11.69	29.90	11.78	28.40	11.78	26.50	11.86	24.70	11.86
	-15.0	-15.3	32.50	11.86	30.90	11.94	29.40	11.94	27.40	12.03	25.70	12.03
	-12.0	-12.4	33.50	12.11	31.80	12.11	30.10	12.11	28.00	12.11	26.00	12.11
	-10.0	-10.5	33.90	12.11	32.10	12.11	30.40	12.11	28.40	12.11	26.30	12.11
	-7.0	-7.6	34.30	12.11	32.60	12.11	30.90	12.11	28.80	12.11	26.50	10.99
	-5.0	-5.6	34.70	12.11	32.90	12.11	31.20	12.11	29.00	11.54	26.50	10.16
	-3.0	-3.7	35.00	12.11	33.20	12.11	31.50	12.03	29.00	10.67	26.50	9.40
	0.0	-0.7	35.40	12.11	33.70	11.86	31.50	10.72	29.00	9.52	26.50	8.40
	3.0	2.2	35.90	11.69	33.70	10.60	31.50	9.59	29.00	8.54	26.50	7.55
	5.0	4.1	35.90	10.87	33.70	9.87	31.50	8.94	29.00	7.97	26.50	7.06
	7.0	6.0	35.90	10.13	33.70	9.21	31.50	8.35	29.00	7.46	26.50	6.62
	9.0	7.9	35.90	9.49	33.70	8.64	31.50	7.84	29.00	7.02	26.50	6.24
	11.0	9.8	35.90	8.92	33.70	8.13	31.50	7.39	29.00	6.63	26.50	5.91
	13.0	11.8	35.90	8.41	33.70	7.68	31.50	6.99	29.00	6.29	26.50	5.62
	15.0	13.7	35.90	7.96	33.70	7.28	31.50	6.64	29.00	5.99	26.50	5.36

10. Capacity Table

AM100BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	-25.0	-25.1	23.80	10.77	23.10	11.02	22.10	11.02	20.60	11.28	19.00	11.28
	-22.0	-22.2	26.50	11.36	25.00	11.44	23.70	11.44	22.00	11.53	20.50	11.53
	-20.0	-20.2	27.40	11.53	26.00	11.61	24.70	11.61	23.00	11.69	21.40	11.69
	-17.0	-17.3	28.80	11.78	27.40	11.86	26.10	11.86	24.40	11.94	22.80	11.94
	-15.0	-15.3	29.80	11.94	28.30	12.03	27.00	12.03	25.30	12.11	23.50	12.11
	-12.0	-12.4	30.60	12.11	29.10	12.11	27.60	12.11	25.80	12.11	23.80	11.53
	-10.0	-10.5	30.90	12.11	29.40	12.11	27.90	12.11	26.10	12.09	23.80	10.63
	-7.0	-7.6	31.40	12.11	29.90	12.11	28.40	12.09	26.10	10.71	23.80	9.43
	-5.0	-5.6	31.70	12.11	30.20	12.11	28.40	11.16	26.10	9.90	23.80	8.72
	-3.0	-3.7	32.00	12.11	30.30	11.44	28.40	10.32	26.10	9.16	23.80	8.08
	0.0	-0.7	32.30	11.25	30.30	10.20	28.40	9.22	26.10	8.19	23.80	7.23
	3.0	2.2	32.30	10.07	30.30	9.14	28.40	8.27	26.10	7.36	23.80	6.51
	5.0	4.1	32.30	9.38	30.30	8.52	28.40	7.72	26.10	6.88	23.80	6.10
	7.0	6.0	32.30	8.76	30.30	7.97	28.40	7.23	26.10	6.45	23.80	5.73
	9.0	7.9	32.30	8.22	30.30	7.49	28.40	6.81	26.10	6.08	23.80	5.41
	11.0	9.8	32.30	7.75	30.30	7.07	28.40	6.43	26.10	5.76	23.80	5.13
	13.0	11.8	32.30	7.33	30.30	6.70	28.40	6.10	26.10	5.47	23.80	4.89
	15.0	13.7	32.30	6.96	30.30	6.37	28.40	5.82	26.10	5.22	23.80	4.68
80	-25.0	-25.1	22.30	11.02	21.20	11.19	20.00	11.28	18.60	11.28	17.00	10.75
	-22.0	-22.2	23.90	11.44	22.60	11.44	21.40	11.53	20.10	11.53	18.40	11.00
	-20.0	-20.2	24.80	11.61	23.60	11.61	22.30	11.69	21.00	11.69	19.40	11.16
	-17.0	-17.3	26.30	11.86	25.00	11.86	23.70	11.94	22.40	11.94	20.80	11.41
	-15.0	-15.3	27.20	12.03	25.90	12.03	24.60	12.11	23.00	12.11	21.20	11.03
	-12.0	-12.4	27.80	12.11	26.30	12.11	25.00	12.11	23.20	11.09	21.20	9.76
	-10.0	-10.5	28.10	12.11	26.60	12.11	25.20	11.56	23.20	10.22	21.20	9.00
	-7.0	-7.6	28.60	12.11	27.00	11.35	25.20	10.24	23.20	9.07	21.20	7.99
	-5.0	-5.6	28.70	11.60	27.00	10.48	25.20	9.47	23.20	8.39	21.20	7.40
	-3.0	-3.7	28.70	10.72	27.00	9.70	25.20	8.77	23.20	7.77	21.20	6.86
	0.0	-0.7	28.70	9.57	27.00	8.67	25.20	7.84	23.20	6.96	21.20	6.15
	3.0	2.2	28.70	8.58	27.00	7.79	25.20	7.05	23.20	6.27	21.20	5.55
	5.0	4.1	28.70	8.01	27.00	7.28	25.20	6.60	23.20	5.87	21.20	5.21
	7.0	6.0	28.70	7.50	27.00	6.82	25.20	6.19	23.20	5.52	21.20	4.90
	9.0	7.9	28.70	7.06	27.00	6.43	25.20	5.84	23.20	5.22	21.20	4.64
	11.0	9.8	28.70	6.67	27.00	6.08	25.20	5.53	23.20	4.95	21.20	4.41
	13.0	11.8	28.70	6.32	27.00	5.78	25.20	5.26	23.20	4.72	21.20	4.21
	15.0	13.7	28.70	6.02	27.00	5.51	25.20	5.03	23.20	4.51	21.20	4.03
70	-25.0	-25.1	19.80	11.28	18.90	11.28	17.80	10.97	16.20	10.13	14.70	8.84
	-22.0	-22.2	21.20	11.53	20.30	11.53	19.20	11.22	17.60	10.38	16.10	9.09
	-20.0	-20.2	22.10	11.69	21.20	11.69	20.20	11.39	18.60	10.55	17.00	9.26
	-17.0	-17.3	23.50	11.94	22.60	11.94	21.60	11.64	20.00	10.80	18.40	9.51
	-15.0	-15.3	24.40	12.11	23.30	12.11	22.10	11.81	20.30	10.44	18.50	9.21
	-12.0	-12.4	24.80	12.11	23.60	11.60	22.10	10.44	20.30	9.24	18.50	8.15
	-10.0	-10.5	25.10	11.82	23.60	10.69	22.10	9.63	20.30	8.52	18.50	7.52
	-7.0	-7.6	25.10	10.48	23.60	9.48	22.10	8.54	20.30	7.57	18.50	6.68
	-5.0	-5.6	25.10	9.68	23.60	8.77	22.10	7.91	20.30	7.01	18.50	6.19
	-3.0	-3.7	25.10	8.96	23.60	8.12	22.10	7.33	20.30	6.50	18.50	5.75
	0.0	-0.7	25.10	8.02	23.60	7.27	22.10	6.57	20.30	5.84	18.50	5.17
	3.0	2.2	25.10	7.21	23.60	6.55	22.10	5.92	20.30	5.27	18.50	4.67
	5.0	4.1	25.10	6.74	23.60	6.13	22.10	5.55	20.30	4.95	18.50	4.39
	7.0	6.0	25.10	6.33	23.60	5.76	22.10	5.22	20.30	4.66	18.50	4.14
	9.0	7.9	25.10	5.97	23.60	5.44	22.10	4.94	20.30	4.41	18.50	3.93
	11.0	9.8	25.10	5.66	23.60	5.16	22.10	4.69	20.30	4.20	18.50	3.74
	13.0	11.8	25.10	5.38	23.60	4.92	22.10	4.47	20.30	4.01	18.50	3.58
	15.0	13.7	25.10	5.14	23.60	4.70	22.10	4.28	20.30	3.85	18.50	3.43
60	-25.0	-25.1	17.20	11.36	16.20	10.36	15.00	9.26	13.60	8.58	12.30	7.46
	-22.0	-22.2	18.60	11.61	17.60	10.61	16.40	9.51	15.10	8.83	13.70	7.71
	-20.0	-20.2	19.60	11.78	18.50	10.78	17.40	9.68	16.00	9.00	14.70	7.88
	-17.0	-17.3	21.00	12.03	19.90	11.03	18.80	9.93	17.40	9.25	15.90	8.13
	-15.0	-15.3	21.60	11.83	20.20	10.67	18.90	9.61	17.40	8.52	15.90	7.49
	-12.0	-12.4	21.60	10.46	20.20	9.44	18.90	8.50	17.40	7.54	15.90	6.63
	-10.0	-10.5	21.60	9.64	20.20	8.70	18.90	7.85	17.40	6.96	15.90	6.12
	-7.0	-7.6	21.60	8.56	20.20	7.73	18.90	6.97	17.40	6.19	15.90	5.45
	-5.0	-5.6	21.60	7.92	20.20	7.16	18.90	6.46	17.40	5.74	15.90	5.06
	-3.0	-3.7	21.60	7.34	20.20	6.64	18.90	6.00	17.40	5.33	15.90	4.70
	0.0	-0.7	21.60	6.59	20.20	5.96	18.90	5.39	17.40	4.80	15.90	4.24
	3.0	2.2	21.60	5.94	20.20	5.39	18.90	4.88	17.40	4.35	15.90	3.84
	5.0	4.1	21.60	5.57	20.20	5.05	18.90	4.58	17.40	4.09	15.90	3.62
	7.0	6.0	21.60	5.24	20.20	4.76	18.90	4.32	17.40	3.86	15.90	3.42
	9.0	7.9	21.60	4.96	20.20	4.51	18.90	4.10	17.40	3.67	15.90	3.25
	11.0	9.8	21.60	4.71	20.20	4.29	18.90	3.90	17.40	3.49	15.90	3.10
	13.0	11.8	21.60	4.49	20.20	4.10	18.90	3.73	17.40	3.35	15.90	2.98
	15.0	13.7	21.60	4.30	20.20	3.93	18.90	3.58	17.40	3.22	15.90	2.86

10. Capacity Table

AM100BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	-25.0	-25.1	14.20	8.98	13.20	8.51	12.20	7.60	11.10	6.66	9.90	6.15
	-22.0	-22.2	15.60	9.23	14.60	8.76	13.60	7.85	12.50	6.91	11.40	6.40
	-20.0	-20.2	16.50	9.40	15.50	8.93	14.50	8.02	13.40	7.08	12.30	6.57
	-17.0	-17.3	17.90	9.65	16.90	9.18	15.80	8.27	14.50	7.33	13.20	6.47
	-15.0	-15.3	18.00	9.34	16.90	8.45	15.80	7.62	14.50	6.75	13.20	5.96
	-12.0	-12.4	18.00	8.27	16.90	7.49	15.80	6.75	14.50	5.98	13.20	5.28
	-10.0	-10.5	18.00	7.63	16.90	6.91	15.80	6.23	14.50	5.53	13.20	4.88
	-7.0	-7.6	18.00	6.78	16.90	6.15	15.80	5.55	14.50	4.92	13.20	4.35
	-5.0	-5.6	18.00	6.29	16.90	5.70	15.80	5.15	14.50	4.57	13.20	4.04
	-3.0	-3.7	18.00	5.84	16.90	5.30	15.80	4.78	14.50	4.25	13.20	3.76
	0.0	-0.7	18.00	5.25	16.90	4.77	15.80	4.31	14.50	3.84	13.20	3.40
	3.0	2.2	18.00	4.76	16.90	4.32	15.80	3.91	14.50	3.49	13.20	3.09
	5.0	4.1	18.00	4.47	16.90	4.07	15.80	3.68	14.50	3.29	13.20	2.91
	7.0	6.0	18.00	4.22	16.90	3.84	15.80	3.48	14.50	3.11	13.20	2.76
	9.0	7.9	18.00	4.01	16.90	3.65	15.80	3.31	14.50	2.96	13.20	2.63
	11.0	9.8	18.00	3.82	16.90	3.48	15.80	3.16	14.50	2.83	13.20	2.52
	13.0	11.8	18.00	3.65	16.90	3.33	15.80	3.03	14.50	2.72	13.20	2.42
	15.0	13.7	18.00	3.51	16.90	3.21	15.80	2.91	14.50	2.62	13.20	2.33

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM120BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	28.40	4.27	34.50	5.28	40.60	6.40	43.70	7.01	46.30	7.60	51.50	8.93	56.80	10.48
	12	28.40	4.49	34.50	5.59	40.60	6.81	43.70	7.48	46.30	8.12	51.50	9.57	56.80	11.27
	14	28.40	4.75	34.50	5.94	40.60	7.27	43.70	8.00	46.30	8.71	51.50	10.29	56.80	12.14
	16	28.40	5.04	34.50	6.33	40.60	7.78	43.70	8.58	46.30	9.35	51.50	11.08	56.80	13.09
	18	28.40	5.36	34.50	6.77	40.60	8.35	43.70	9.22	46.30	10.06	51.50	11.94	56.80	14.13
	20	28.40	5.72	34.50	7.25	40.60	8.98	43.70	9.93	46.30	10.84	51.50	12.88	56.10	14.50
	21	28.40	5.92	34.50	7.52	40.60	9.32	43.70	10.31	46.30	11.26	51.50	13.39	55.10	14.32
	23	28.40	6.35	34.50	8.08	40.60	10.04	43.70	11.12	46.30	12.15	51.50	14.46	53.00	13.96
	25	28.40	6.82	34.50	8.70	40.60	10.83	43.70	12.00	46.30	13.12	50.00	14.10	51.00	13.61
	27	28.40	7.34	34.50	9.39	40.60	11.69	43.70	12.96	46.30	14.17	48.00	13.74	49.00	13.25
	29	28.40	7.91	34.50	10.13	40.60	12.63	43.70	14.00	44.90	13.81	45.90	13.38	47.00	12.89
	31	28.40	8.53	34.50	10.94	40.60	13.64	42.40	13.64	42.90	13.46	43.90	13.03	45.00	12.53
	33	28.40	9.21	34.50	11.81	39.70	14.00	40.30	13.28	40.90	13.10	41.90	12.67	43.00	12.18
	35	28.40	9.95	34.50	12.76	37.70	13.64	38.30	12.92	38.80	12.74	39.90	12.31	40.90	11.82
	37	28.40	10.75	34.50	13.08	35.70	13.28	36.30	12.57	36.80	12.38	37.90	11.95	38.90	11.46
	39	28.40	11.60	32.50	12.72	33.70	12.92	34.30	12.21	34.80	12.03	35.90	11.59	36.90	11.10
	43	25.60	11.52	28.40	12.01	29.60	12.21	30.30	11.49	30.80	11.31	31.80	10.88	32.90	10.39
	46	22.60	10.98	25.40	11.47	26.60	11.67	27.20	10.96	27.80	10.77	28.80	10.34	29.90	9.85
	48	20.60	10.62	23.40	11.11	24.60	11.31	25.20	10.60	25.70	10.42	26.80	9.99	27.80	9.49
	54	14.50	9.55	17.30	10.04	18.60	10.24	19.20	9.53	19.70	9.34	20.70	8.91	21.80	8.42
120	10	26.20	3.83	31.90	4.74	37.50	5.72	40.30	6.26	42.70	6.78	47.60	7.94	52.40	9.29
	12	26.20	4.02	31.90	5.00	37.50	6.07	40.30	6.66	42.70	7.23	47.60	8.50	52.40	9.97
	14	26.20	4.24	31.90	5.30	37.50	6.47	40.30	7.11	42.70	7.73	47.60	9.11	52.40	10.72
	16	26.20	4.49	31.90	5.64	37.50	6.91	40.30	7.61	42.70	8.29	47.60	9.79	52.40	11.54
	18	26.20	4.77	31.90	6.02	37.50	7.40	40.30	8.17	42.70	8.90	47.60	10.54	52.40	12.44
	20	26.20	5.09	31.90	6.44	37.50	7.95	40.30	8.78	42.70	9.58	47.60	11.36	52.40	13.43
	21	26.20	5.26	31.90	6.66	37.50	8.24	40.30	9.11	42.70	9.95	47.60	11.80	52.40	13.95
	23	26.20	5.63	31.90	7.16	37.50	8.87	40.30	9.82	42.70	10.72	47.60	12.74	52.20	14.32
	25	26.20	6.04	31.90	7.70	37.50	9.57	40.30	10.59	42.70	11.57	47.60	13.76	50.20	13.96
	27	26.20	6.49	31.90	8.30	37.50	10.32	40.30	11.43	42.70	12.50	47.20	14.12	48.10	13.60
	29	26.20	7.00	31.90	8.95	37.50	11.15	40.30	12.35	42.70	13.50	45.20	13.76	46.10	13.25
	31	26.20	7.54	31.90	9.66	37.50	12.04	40.30	13.34	42.20	13.85	43.10	13.40	44.10	12.89
	33	26.20	8.14	31.90	10.43	37.50	13.00	39.70	13.68	40.20	13.49	41.10	13.04	42.10	12.53
	35	26.20	8.79	31.90	11.27	37.10	13.33	37.70	13.32	38.10	13.14	39.10	12.69	40.10	12.17
	37	26.20	9.49	31.90	12.17	35.10	12.98	35.60	12.97	36.10	12.78	37.10	12.33	38.10	11.82
	39	26.20	10.25	31.40	12.47	33.10	12.62	33.60	12.61	34.10	12.42	35.10	11.97	36.00	11.46
	43	24.50	10.71	27.40	11.75	29.00	11.90	29.60	11.89	30.10	11.71	31.00	11.26	32.00	10.74
	46	21.50	10.17	24.30	11.21	26.00	11.37	26.60	11.36	27.00	11.17	28.00	10.72	29.00	10.21
	48	19.50	9.82	22.30	10.86	24.00	11.01	24.50	11.00	25.00	10.81	26.00	10.36	27.00	9.85
	54	13.50	8.74	16.30	9.78	17.90	9.94	18.50	9.93	19.00	9.74	20.00	9.29	20.90	8.78
110	10	24.00	3.42	29.20	4.23	34.40	5.10	37.00	5.59	39.20	6.04	43.60	7.05	48.10	8.22
	12	24.00	3.59	29.20	4.46	34.40	5.40	37.00	5.92	39.20	6.42	43.60	7.52	48.10	8.79
	14	24.00	3.77	29.20	4.71	34.40	5.74	37.00	6.31	39.20	6.85	43.60	8.04	48.10	9.43
	16	24.00	3.99	29.20	5.00	34.40	6.12	37.00	6.73	39.20	7.32	43.60	8.63	48.10	10.14
	18	24.00	4.23	29.20	5.32	34.40	6.54	37.00	7.21	39.20	7.85	43.60	9.27	48.10	10.92
	20	24.00	4.50	29.20	5.69	34.40	7.01	37.00	7.74	39.20	8.44	43.60	9.98	48.10	11.77
	21	24.00	4.65	29.20	5.88	34.40	7.26	37.00	8.02	39.20	8.75	43.60	10.36	48.10	12.23
	23	24.00	4.97	29.20	6.31	34.40	7.81	37.00	8.64	39.20	9.43	43.60	11.18	48.10	13.20
	25	24.00	5.32	29.20	6.78	34.40	8.41	37.00	9.31	39.20	10.17	43.60	12.07	48.10	14.26
	27	24.00	5.72	29.20	7.30	34.40	9.07	37.00	10.04	39.20	10.98	43.60	13.03	47.30	14.64
	29	24.00	6.15	29.20	7.87	34.40	9.79	37.00	10.84	39.20	11.85	43.60	14.08	45.20	14.28
	31	24.00	6.63	29.20	8.49	34.40	10.57	37.00	11.71	39.20	12.80	42.30	13.72	43.20	13.92
	33	24.00	7.15	29.20	9.17	34.40	11.42	37.00	12.65	39.20	13.83	40.30	13.36	41.20	13.57
	35	24.00	7.72	29.20	9.90	34.40	12.33	37.00	13.66	37.40	13.47	38.30	13.00	39.20	13.21
	37	24.00	8.34	29.20	10.69	34.40	13.31	35.00	13.30	35.40	13.11	36.30	12.64	37.20	12.85
	39	24.00	9.01	29.20	11.54	32.40	12.95	32.90	12.94	33.40	12.76	34.30	12.29	35.20	12.49
	43	23.50	9.92	26.00	10.83	28.40	12.24	28.90	12.23	29.40	12.04	30.20	11.57	31.10	11.78
	46	20.40	9.39	23.00	10.29	25.40	11.70	25.90	11.69	26.30	11.50	27.20	11.04	28.10	11.24
	48	18.40	9.03	21.00	9.93	23.40	11.34	23.90	11.34	24.30	11.15	25.20	10.68	26.10	10.88
	54	12.40	7.96	15.00	8.86	17.30	10.27	17.80	10.26	18.30	10.07	19.20	9.61	20.00	9.81

10. Capacity Table

AM120BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	21.80	3.04	26.50	3.76	31.30	4.53	33.60	4.96	35.60	5.36	39.70	6.24	43.70	7.26
	12	21.80	3.18	26.50	3.95	31.30	4.78	33.60	5.24	35.60	5.68	39.70	6.64	43.70	7.74
	14	21.80	3.34	26.50	4.17	31.30	5.07	33.60	5.56	35.60	6.04	39.70	7.08	43.70	8.28
	16	21.80	3.52	26.50	4.41	31.30	5.39	33.60	5.93	35.60	6.44	39.70	7.58	43.70	8.88
	18	21.80	3.72	26.50	4.69	31.30	5.75	33.60	6.33	35.60	6.89	39.70	8.13	43.70	9.55
	20	21.80	3.95	26.50	5.00	31.30	6.15	33.60	6.79	35.60	7.39	39.70	8.73	43.70	10.28
	21	21.80	4.08	26.50	5.17	31.30	6.37	33.60	7.03	35.60	7.66	39.70	9.06	43.70	10.67
	23	21.80	4.36	26.50	5.53	31.30	6.84	33.60	7.56	35.60	8.25	39.70	9.76	43.70	11.51
	25	21.80	4.66	26.50	5.93	31.30	7.35	33.60	8.13	35.60	8.88	39.70	10.53	43.70	12.42
	27	21.80	5.00	26.50	6.38	31.30	7.92	33.60	8.77	35.60	9.58	39.70	11.37	43.70	13.41
	29	21.80	5.38	26.50	6.87	31.30	8.55	33.60	9.46	35.60	10.34	39.70	12.28	43.70	14.49
	31	21.80	5.79	26.50	7.41	31.30	9.23	33.60	10.22	35.60	11.17	39.70	13.26	42.40	14.13
	33	21.80	6.25	26.50	8.00	31.30	9.96	33.60	11.04	35.60	12.07	39.50	13.60	40.30	13.77
	35	21.80	6.74	26.50	8.64	31.30	10.76	33.60	11.92	35.60	13.03	37.50	13.24	38.30	13.42
	37	21.80	7.28	26.50	9.33	31.30	11.62	33.60	12.87	34.70	13.36	35.50	12.89	36.30	13.06
	39	21.80	7.86	26.50	10.08	31.10	11.89	32.30	12.63	32.70	13.00	33.50	12.53	34.30	12.70
	43	21.80	9.17	24.70	10.52	27.10	11.18	28.20	11.92	28.60	12.29	29.50	11.81	30.30	11.99
	46	19.30	8.63	21.70	9.98	24.00	10.64	25.20	11.38	25.60	11.75	26.40	11.28	27.20	11.45
	48	17.30	8.27	19.70	9.63	22.00	10.28	23.20	11.02	23.60	11.39	24.40	10.92	25.20	11.09
	54	11.30	7.20	13.60	8.55	16.00	9.21	17.20	9.95	17.60	10.32	18.40	9.85	19.20	10.02
90	10	19.70	2.63	23.90	3.25	28.10	3.93	30.20	4.29	32.10	4.64	35.70	5.40	39.30	6.26
	12	19.70	2.74	23.90	3.41	28.10	4.14	30.20	4.52	32.10	4.90	35.70	5.72	39.30	6.65
	14	19.70	2.87	23.90	3.59	28.10	4.37	30.20	4.79	32.10	5.20	35.70	6.08	39.30	7.10
	16	19.70	3.02	23.90	3.79	28.10	4.64	30.20	5.09	32.10	5.53	35.70	6.49	39.30	7.59
	18	19.70	3.19	23.90	4.02	28.10	4.93	30.20	5.42	32.10	5.90	35.70	6.94	39.30	8.14
	20	19.70	3.38	23.90	4.28	28.10	5.26	30.20	5.80	32.10	6.31	35.70	7.45	39.30	8.75
	21	19.70	3.49	23.90	4.42	28.10	5.44	30.20	6.00	32.10	6.54	35.70	7.72	39.30	9.07
	23	19.70	3.72	23.90	4.72	28.10	5.83	30.20	6.44	32.10	7.02	35.70	8.30	39.30	9.78
	25	19.70	3.97	23.90	5.06	28.10	6.27	30.20	6.92	32.10	7.56	35.70	8.95	39.30	10.54
	27	19.70	4.26	23.90	5.43	28.10	6.74	30.20	7.46	32.10	8.14	35.70	9.65	39.30	11.38
	29	19.70	4.57	23.90	5.85	28.10	7.27	30.20	8.04	32.10	8.78	35.70	10.41	39.30	12.29
	31	19.70	4.92	23.90	6.30	28.10	7.84	30.20	8.68	32.10	9.48	35.70	11.25	39.30	13.28
	33	19.70	5.30	23.90	6.80	28.10	8.46	30.20	9.37	32.10	10.24	35.70	12.15	39.30	14.34
	35	19.70	5.72	23.90	7.34	28.10	9.14	30.20	10.12	32.10	11.06	35.70	13.12	37.40	13.98
	37	19.70	6.18	23.90	7.93	28.10	9.87	30.20	10.93	32.10	11.94	34.70	13.45	35.40	13.62
	39	19.70	6.67	23.90	8.56	28.10	10.66	30.20	11.80	31.50	12.23	32.70	13.10	33.40	13.26
	43	19.70	7.78	23.40	9.43	25.50	10.54	26.60	11.08	27.50	11.51	28.70	12.38	29.40	12.55
	46	18.20	7.72	20.40	8.89	22.50	10.00	23.50	10.55	24.40	10.98	25.60	11.84	26.40	12.01
	48	16.20	7.37	18.30	8.53	20.50	9.64	21.50	10.19	22.40	10.62	23.60	11.49	24.30	11.66
	54	10.20	6.29	12.30	7.46	14.40	8.57	15.50	9.12	16.40	9.55	17.60	10.41	18.30	10.58
80	10	17.50	2.25	21.20	2.79	25.00	3.38	26.90	3.69	28.50	3.99	31.70	4.64	34.90	5.37
	12	17.50	2.35	21.20	2.92	25.00	3.55	26.90	3.88	28.50	4.20	31.70	4.90	34.90	5.69
	14	17.50	2.45	21.20	3.07	25.00	3.74	26.90	4.10	28.50	4.44	31.70	5.19	34.90	6.05
	16	17.50	2.58	21.20	3.23	25.00	3.95	26.90	4.34	28.50	4.71	31.70	5.52	34.90	6.45
	18	17.50	2.72	21.20	3.42	25.00	4.19	26.90	4.61	28.50	5.01	31.70	5.89	34.90	6.90
	20	17.50	2.87	21.20	3.63	25.00	4.47	26.90	4.92	28.50	5.35	31.70	6.31	34.90	7.39
	21	17.50	2.96	21.20	3.74	25.00	4.61	26.90	5.08	28.50	5.53	31.70	6.53	34.90	7.66
	23	17.50	3.15	21.20	3.99	25.00	4.94	26.90	5.44	28.50	5.93	31.70	7.01	34.90	8.24
	25	17.50	3.36	21.20	4.27	25.00	5.29	26.90	5.84	28.50	6.37	31.70	7.54	34.90	8.88
	27	17.50	3.59	21.20	4.58	25.00	5.69	26.90	6.28	28.50	6.86	31.70	8.13	34.90	9.58
	29	17.50	3.85	21.20	4.93	25.00	6.12	26.90	6.77	28.50	7.39	31.70	8.77	34.90	10.34
	31	17.50	4.14	21.20	5.30	25.00	6.60	26.90	7.30	28.50	7.98	31.70	9.47	34.90	11.16
	33	17.50	4.46	21.20	5.72	25.00	7.12	26.90	7.88	28.50	8.61	31.70	10.22	34.90	12.06
	35	17.50	4.81	21.20	6.17	25.00	7.69	26.90	8.51	28.50	9.30	31.70	11.04	34.90	13.02
	37	17.50	5.19	21.20	6.66	25.00	8.31	26.90	9.19	28.50	10.04	31.70	11.92	34.60	13.35
	39	17.50	5.61	21.20	7.20	25.00	8.97	26.90	9.92	28.50	10.85	31.30	12.21	32.50	12.99
	43	17.50	6.54	21.20	8.39	23.90	9.33	24.90	10.36	25.70	10.73	27.30	11.49	28.50	12.28
	46	17.20	6.88	19.00	7.85	20.90	8.79	21.90	9.82	22.70	10.19	24.30	10.96	25.50	11.74
	48	15.10	6.53	17.00	7.50	18.90	8.43	19.80	9.46	20.60	9.84	22.30	10.60	23.50	11.38
	54	9.10	5.45	11.00	6.42	12.90	7.36	13.80	8.39	14.60	8.76	16.20	9.53	17.40	10.31

10. Capacity Table

AM120BXMWGH

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)	Indoor temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	15.30	1.91	18.60	2.37	21.90	2.87	23.50	3.14	24.90	3.40	27.80	3.96	30.60	4.58
	12	15.30	1.99	18.60	2.47	21.90	3.01	23.50	3.29	24.90	3.57	27.80	4.16	30.60	4.83
	14	15.30	2.07	18.60	2.59	21.90	3.16	23.50	3.47	24.90	3.76	27.80	4.39	30.60	5.11
	16	15.30	2.17	18.60	2.72	21.90	3.33	23.50	3.66	24.90	3.97	27.80	4.66	30.60	5.43
	18	15.30	2.29	18.60	2.87	21.90	3.52	23.50	3.88	24.90	4.22	27.80	4.95	30.60	5.79
	20	15.30	2.41	18.60	3.04	21.90	3.74	23.50	4.13	24.90	4.49	27.80	5.29	30.60	6.19
	21	15.30	2.48	18.60	3.13	21.90	3.86	23.50	4.26	24.90	4.64	27.80	5.47	30.60	6.41
	23	15.30	2.64	18.60	3.34	21.90	4.12	23.50	4.55	24.90	4.96	27.80	5.86	30.60	6.88
	25	15.30	2.81	18.60	3.56	21.90	4.41	23.50	4.88	24.90	5.32	27.80	6.29	30.60	7.39
	27	15.30	3.00	18.60	3.82	21.90	4.74	23.50	5.24	24.90	5.72	27.80	6.77	30.60	7.96
	29	15.30	3.21	18.60	4.10	21.90	5.09	23.50	5.64	24.90	6.16	27.80	7.29	30.60	8.59
	31	15.30	3.45	18.60	4.41	21.90	5.48	23.50	6.07	24.90	6.63	27.80	7.87	30.60	9.27
	33	15.30	3.71	18.60	4.75	21.90	5.91	23.50	6.55	24.90	7.16	27.80	8.49	30.60	10.01
	35	15.30	4.00	18.60	5.12	21.90	6.38	23.50	7.07	24.90	7.73	27.80	9.17	30.60	10.81
	37	15.30	4.32	18.60	5.53	21.90	6.89	23.50	7.64	24.90	8.35	27.80	9.90	30.60	11.67
	39	15.30	4.66	18.60	5.97	21.90	7.44	23.50	8.25	24.90	9.02	27.80	10.69	30.60	12.60
	43	15.30	5.44	18.60	6.96	21.90	8.68	23.20	9.07	23.90	9.38	25.30	10.58	26.70	11.89
	46	15.30	6.10	17.70	7.34	19.40	8.14	20.20	8.54	20.90	8.84	22.30	10.04	23.70	11.35
	48	14.00	5.74	15.70	6.98	17.30	7.78	18.20	8.18	18.90	8.48	20.30	9.68	21.70	10.99
	54	8.00	4.67	9.60	5.91	11.30	6.71	12.10	7.11	12.80	7.41	14.20	8.61	15.60	9.92
60	10	13.10	1.59	15.90	1.98	18.80	2.41	20.20	2.64	21.40	2.85	23.80	3.32	26.20	3.84
	12	13.10	1.65	15.90	2.06	18.80	2.52	20.20	2.76	21.40	2.98	23.80	3.48	26.20	4.04
	14	13.10	1.72	15.90	2.15	18.80	2.64	20.20	2.89	21.40	3.13	23.80	3.66	26.20	4.26
	16	13.10	1.80	15.90	2.26	18.80	2.77	20.20	3.04	21.40	3.30	23.80	3.87	26.20	4.51
	18	13.10	1.89	15.90	2.38	18.80	2.92	20.20	3.21	21.40	3.49	23.80	4.10	26.20	4.79
	20	13.10	1.99	15.90	2.51	18.80	3.10	20.20	3.41	21.40	3.70	23.80	4.36	26.20	5.10
	21	13.10	2.04	15.90	2.59	18.80	3.19	20.20	3.51	21.40	3.82	23.80	4.50	26.20	5.28
	23	13.10	2.16	15.90	2.75	18.80	3.40	20.20	3.75	21.40	4.08	23.80	4.81	26.20	5.65
	25	13.10	2.30	15.90	2.93	18.80	3.63	20.20	4.00	21.40	4.36	23.80	5.16	26.20	6.06
	27	13.10	2.45	15.90	3.13	18.80	3.88	20.20	4.29	21.40	4.68	23.80	5.54	26.20	6.52
	29	13.10	2.63	15.90	3.36	18.80	4.17	20.20	4.61	21.40	5.03	23.80	5.96	26.20	7.02
	31	13.10	2.82	15.90	3.60	18.80	4.48	20.20	4.96	21.40	5.42	23.80	6.42	26.20	7.57
	33	13.10	3.03	15.90	3.88	18.80	4.83	20.20	5.35	21.40	5.84	23.80	6.93	26.20	8.17
	35	13.10	3.26	15.90	4.18	18.80	5.21	20.20	5.77	21.40	6.30	23.80	7.48	26.20	8.82
	37	13.10	3.52	15.90	4.51	18.80	5.63	20.20	6.23	21.40	6.80	23.80	8.08	26.20	9.53
	39	13.10	3.80	15.90	4.87	18.80	6.08	20.20	6.73	21.40	7.35	23.80	8.72	26.20	10.29
	43	13.10	4.43	15.90	5.68	18.80	7.09	20.20	7.85	21.40	8.57	23.30	9.61	24.50	10.75
	46	13.10	4.97	15.90	6.37	17.80	7.47	18.50	7.80	19.10	8.03	20.30	9.07	21.50	10.21
	48	13.00	4.98	14.40	6.02	15.80	7.11	16.50	7.44	17.10	7.67	18.30	8.72	19.50	9.85
	54	6.90	3.91	8.30	4.94	9.70	6.04	10.40	6.37	11.00	6.60	12.20	7.64	13.50	8.78
50	10	10.90	1.29	13.30	1.61	15.60	1.97	16.80	2.15	17.80	2.34	19.80	2.72	21.80	3.16
	12	10.90	1.34	13.30	1.67	15.60	2.05	16.80	2.25	17.80	2.44	19.80	2.84	21.80	3.30
	14	10.90	1.39	13.30	1.75	15.60	2.14	16.80	2.35	17.80	2.55	19.80	2.98	21.80	3.47
	16	10.90	1.45	13.30	1.83	15.60	2.24	16.80	2.46	17.80	2.68	19.80	3.14	21.80	3.66
	18	10.90	1.52	13.30	1.92	15.60	2.36	16.80	2.59	17.80	2.82	19.80	3.31	21.80	3.87
	20	10.90	1.60	13.30	2.02	15.60	2.49	16.80	2.74	17.80	2.99	19.80	3.51	21.80	4.11
	21	10.90	1.64	13.30	2.08	15.60	2.57	16.80	2.82	17.80	3.08	19.80	3.62	21.80	4.24
	23	10.90	1.73	13.30	2.20	15.60	2.72	16.80	3.00	17.80	3.27	19.80	3.86	21.80	4.53
	25	10.90	1.84	13.30	2.34	15.60	2.90	16.80	3.20	17.80	3.49	19.80	4.12	21.80	4.85
	27	10.90	1.96	13.30	2.50	15.60	3.10	16.80	3.42	17.80	3.74	19.80	4.42	21.80	5.20
	29	10.90	2.09	13.30	2.67	15.60	3.32	16.80	3.67	17.80	4.01	19.80	4.75	21.80	5.59
	31	10.90	2.24	13.30	2.87	15.60	3.57	16.80	3.95	17.80	4.31	19.80	5.11	21.80	6.02
	33	10.90	2.41	13.30	3.08	15.60	3.84	16.80	4.25	17.80	4.65	19.80	5.51	21.80	6.50
	35	10.90	2.59	13.30	3.32	15.60	4.14	16.80	4.58	17.80	5.01	19.80	5.94	21.80	7.01
	37	10.90	2.79	13.30	3.58	15.60	4.47	16.80	4.94	17.80	5.41	19.80	6.41	21.80	7.57
	39	10.90	3.01	13.30	3.87	15.60	4.82	16.80	5.34	17.80	5.84	19.80	6.93	21.80	8.18
	43	10.90	3.51	13.30	4.51	15.60	5.63	16.80	6.23	17.80	6.81	19.80	8.08	21.80	9.53
	46	10.90	3.94	13.30	5.06	15.60	6.31	16.80	6.98	17.30	7.18	18.30	8.04	19.30	9.00
	48	10.90	4.26	13.00	5.08	14.20	5.96	14.80	6.63	15.30	6.82	16.30	7.68	17.30	8.64
	54	5.80	3.18	7.00	4.01	8.20	4.88	8.80	5.55	9.30	5.75	10.30	6.61	11.30	7.57

NOTE

- The performance table shows the average value of each conditions.

10. Capacity Table

AM120BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25.0	-25.1	29.10	10.43	28.40	10.92	27.70	11.50	26.90	11.99	26.20	12.77
	-22.0	-22.2	33.10	11.31	32.50	11.79	31.80	12.38	31.00	12.87	30.20	13.65
	-20.0	-20.2	35.80	11.89	35.20	12.38	34.50	12.96	33.70	13.45	31.70	14.04
	-17.0	-17.3	39.90	12.77	39.20	13.26	38.50	13.84	36.30	14.13	33.40	14.33
	-15.0	-15.3	42.60	13.35	41.90	13.84	40.10	14.23	37.40	14.33	34.50	14.52
	-12.0	-12.4	46.60	14.23	44.20	14.33	41.80	14.52	39.10	14.62	36.20	14.82
	-10.0	-10.5	47.70	14.43	45.40	14.52	42.90	14.72	40.20	14.82	37.30	15.01
	-7.0	-7.6	49.40	14.72	47.10	14.82	44.60	15.01	41.90	15.11	39.00	15.30
	-5.0	-5.6	50.50	14.91	48.20	15.01	45.70	15.21	43.00	15.30	39.60	15.40
	-3.0	-3.7	51.60	15.11	49.30	15.21	46.70	15.40	43.40	15.40	40.00	15.40
	0.0	-0.7	53.00	15.40	50.10	15.40	47.30	15.40	43.90	15.40	40.60	15.40
	3.0	2.2	53.50	15.40	50.70	15.40	47.80	15.40	44.50	15.40	41.00	14.48
	5.0	4.1	53.90	15.40	51.00	15.40	48.20	15.40	44.90	15.20	41.00	13.47
	7.0	6.0	54.30	15.40	51.40	15.40	48.60	15.40	44.90	14.15	41.00	12.56
	9.0	7.9	54.60	15.40	51.80	15.40	48.80	14.78	44.90	13.23	41.00	11.77
	11.0	9.8	55.00	15.40	52.20	15.22	48.80	13.84	44.90	12.41	41.00	11.07
	13.0	11.8	55.40	15.40	52.20	14.27	48.80	13.00	44.90	11.69	41.00	10.45
	15.0	13.7	55.60	14.66	52.20	13.42	48.80	12.26	44.90	11.04	41.00	9.90
120	-25.0	-25.1	28.20	11.01	27.60	11.50	27.00	11.99	26.20	12.57	25.50	13.26
	-22.0	-22.2	32.30	11.89	31.60	12.38	31.00	12.87	30.30	13.45	28.70	13.94
	-20.0	-20.2	35.00	12.48	34.30	12.96	33.70	13.45	32.20	14.04	29.80	14.13
	-17.0	-17.3	39.00	13.35	38.40	13.84	36.60	14.13	33.90	14.33	31.50	14.43
	-15.0	-15.3	41.70	13.94	39.80	14.23	37.70	14.33	35.00	14.52	32.60	14.62
	-12.0	-12.4	43.80	14.43	41.50	14.52	39.40	14.62	36.70	14.82	34.30	14.91
	-10.0	-10.5	44.90	14.62	42.60	14.72	40.50	14.82	37.90	15.01	35.40	15.11
	-7.0	-7.6	46.60	14.91	44.30	15.01	42.20	15.11	39.50	15.30	36.90	15.40
	-5.0	-5.6	47.70	15.11	45.40	15.21	43.30	15.30	40.30	15.40	37.20	15.40
	-3.0	-3.7	48.80	15.30	46.30	15.40	43.70	15.40	40.70	15.40	37.60	15.40
	0.0	-0.7	49.60	15.40	46.80	15.40	44.30	15.40	41.20	15.40	37.80	13.75
	3.0	2.2	50.20	15.40	47.40	15.40	44.80	15.40	41.40	13.91	37.80	12.30
	5.0	4.1	50.60	15.40	47.80	15.40	45.00	14.50	41.40	12.93	37.80	11.45
	7.0	6.0	50.90	15.40	48.20	14.89	45.00	13.50	41.40	12.06	37.80	10.70
	9.0	7.9	51.30	15.26	48.20	13.90	45.00	12.62	41.40	11.30	37.80	10.04
	11.0	9.8	51.30	14.27	48.20	13.02	45.00	11.84	41.40	10.62	37.80	9.46
	13.0	11.8	51.30	13.38	48.20	12.23	45.00	11.15	41.40	10.02	37.80	8.95
	15.0	13.7	51.30	12.60	48.20	11.54	45.00	10.54	41.40	9.49	37.80	8.50
110	-25.0	-25.1	27.40	11.70	26.80	11.99	26.20	12.57	25.60	13.06	24.00	13.35
	-22.0	-22.2	31.40	12.57	30.80	12.87	30.30	13.45	29.10	13.94	26.90	14.04
	-20.0	-20.2	34.10	13.16	33.50	13.45	32.30	14.04	30.30	14.13	28.10	14.23
	-17.0	-17.3	38.20	14.04	36.30	14.13	34.00	14.33	32.00	14.43	29.70	14.52
	-15.0	-15.3	39.30	14.23	37.40	14.33	35.10	14.52	33.10	14.62	30.90	14.72
	-12.0	-12.4	41.00	14.52	39.10	14.62	36.80	14.82	34.80	14.91	32.60	15.01
	-10.0	-10.5	42.10	14.72	40.20	14.82	37.90	15.01	35.90	15.11	33.70	15.21
	-7.0	-7.6	43.80	15.01	41.90	15.11	39.60	15.30	37.40	15.40	34.70	15.30
	-5.0	-5.6	44.90	15.21	43.00	15.30	40.30	15.40	37.80	15.40	34.70	14.13
	-3.0	-3.7	45.50	15.40	43.20	15.40	40.70	15.40	38.00	14.80	34.70	13.06
	0.0	-0.7	46.10	15.40	43.80	15.40	41.30	14.84	38.00	13.18	34.70	11.65
	3.0	2.2	46.70	15.40	44.10	14.65	41.30	13.25	38.00	11.79	34.70	10.44
	5.0	4.1	47.00	14.99	44.10	13.61	41.30	12.32	38.00	10.98	34.70	9.74
	7.0	6.0	47.00	13.94	44.10	12.68	41.30	11.49	38.00	10.26	34.70	9.11
	9.0	7.9	47.00	13.02	44.10	11.86	41.30	10.76	38.00	9.63	34.70	8.57
	11.0	9.8	47.00	12.20	44.10	11.14	41.30	10.12	38.00	9.07	34.70	8.09
	13.0	11.8	47.00	11.48	44.10	10.49	41.30	9.55	38.00	8.58	34.70	7.66
	15.0	13.7	47.00	10.83	44.10	9.92	41.30	9.05	38.00	8.15	34.70	7.29
100	-25.0	-25.1	26.50	12.28	26.00	12.77	25.50	13.30	24.00	13.19	22.50	12.21
	-22.0	-22.2	30.60	13.16	30.00	13.65	29.00	13.94	27.00	13.87	24.60	12.69
	-20.0	-20.2	33.30	13.74	31.80	14.04	30.10	14.13	28.10	14.07	25.80	12.89
	-17.0	-17.3	35.40	14.23	33.50	14.33	31.80	14.43	29.80	14.36	27.50	13.18
	-15.0	-15.3	36.50	14.43	34.60	14.52	32.90	14.62	30.90	14.55	28.60	13.38
	-12.0	-12.4	38.20	14.72	36.30	14.82	34.60	14.91	32.60	14.85	30.30	13.67
	-10.0	-10.5	39.30	14.91	37.40	15.01	35.70	15.11	33.80	15.04	31.40	13.86
	-7.0	-7.6	41.00	15.21	39.10	15.30	37.10	15.40	34.50	14.63	31.50	12.88
	-5.0	-5.6	41.80	15.40	39.60	15.40	37.50	15.23	34.50	13.51	31.50	11.90
	-3.0	-3.7	42.20	15.40	39.90	15.40	37.50	14.07	34.50	12.49	31.50	11.01
	0.0	-0.7	42.80	15.29	40.10	13.87	37.50	12.53	34.50	11.14	31.50	9.83
	3.0	2.2	42.80	13.65	40.10	12.40	37.50	11.21	34.50	9.98	31.50	8.83
	5.0	4.1	42.80	12.68	40.10	11.53	37.50	10.44	34.50	9.31	31.50	8.25
	7.0	6.0	42.80	11.82	40.10	10.76	37.50	9.75	34.50	8.71	31.50	7.73
	9.0	7.9	42.80	11.07	40.10	10.09	37.50	9.15	34.50	8.19	31.50	7.28
	11.0	9.8	42.80	10.40	40.10	9.49	37.50	8.62	34.50	7.73	31.50	6.89
	13.0	11.8	42.80	9.80	40.10	8.96	37.50	8.16	34.50	7.33	31.50	6.54
	15.0	13.7	42.80	9.28	40.10	8.50	37.50	7.74	34.50	6.97	31.50	6.24

10. Capacity Table

AM120BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	-25.0	-25.1	25.70	13.06	24.80	13.35	23.60	12.67	22.20	11.84	20.50	11.59
	-22.0	-22.2	29.60	13.94	27.90	14.04	26.40	13.35	24.30	12.33	22.20	11.88
	-20.0	-20.2	30.70	14.13	29.00	14.23	27.50	13.55	25.40	12.52	23.30	12.08
	-17.0	-17.3	32.40	14.43	30.70	14.52	29.20	13.84	27.10	12.81	25.00	12.37
	-15.0	-15.3	33.50	14.62	31.80	14.72	30.40	14.03	28.20	13.01	26.10	12.57
	-12.0	-12.4	35.20	14.91	33.50	15.01	32.00	14.33	29.90	13.30	27.80	12.86
	-10.0	-10.5	36.30	15.11	34.60	15.21	33.20	14.52	31.00	13.50	28.40	12.44
	-7.0	-7.6	37.90	15.40	35.90	15.40	33.80	14.13	31.10	12.54	28.40	11.03
	-5.0	-5.6	38.30	15.40	36.10	14.48	33.80	13.05	31.10	11.59	28.40	10.20
	-3.0	-3.7	38.50	14.78	36.10	13.38	33.80	12.07	31.10	10.72	28.40	9.45
	0.0	-0.7	38.50	13.15	36.10	11.93	33.80	10.77	31.10	9.58	28.40	8.45
	3.0	2.2	38.50	11.76	36.10	10.68	33.80	9.66	31.10	8.61	28.40	7.61
	5.0	4.1	38.50	10.96	36.10	9.96	33.80	9.02	31.10	8.04	28.40	7.12
	7.0	6.0	38.50	10.23	36.10	9.31	33.80	8.44	31.10	7.54	28.40	6.69
	9.0	7.9	38.50	9.60	36.10	8.75	33.80	7.94	31.10	7.11	28.40	6.32
	11.0	9.8	38.50	9.04	36.10	8.25	33.80	7.50	31.10	6.72	28.40	5.99
	13.0	11.8	38.50	8.55	36.10	7.81	33.80	7.12	31.10	6.39	28.40	5.70
	15.0	13.7	38.50	8.11	36.10	7.43	33.80	6.78	31.10	6.09	28.40	5.45
80	-25.0	-25.1	23.80	13.25	22.80	12.67	21.70	11.85	19.90	11.10	18.00	10.15
	-22.0	-22.2	26.80	13.93	25.10	13.15	23.50	12.34	21.60	11.39	19.70	10.44
	-20.0	-20.2	27.90	14.13	26.20	13.35	24.60	12.53	22.70	11.59	20.80	10.64
	-17.0	-17.3	29.60	14.42	27.90	13.64	26.30	12.82	24.40	11.88	22.50	10.93
	-15.0	-15.3	30.70	14.62	29.10	13.84	27.40	13.02	25.50	12.08	23.60	11.12
	-12.0	-12.4	32.40	14.91	30.70	14.13	29.10	13.31	27.20	12.37	25.20	11.42
	-10.0	-10.5	33.50	15.10	31.90	14.32	30.00	13.51	27.60	11.97	25.20	10.53
	-7.0	-7.6	34.20	14.69	32.10	13.30	30.00	11.97	27.60	10.62	25.20	9.34
	-5.0	-5.6	34.20	13.57	32.10	12.29	30.00	11.06	27.60	9.82	25.20	8.65
	-3.0	-3.7	34.20	12.54	32.10	11.37	30.00	10.24	27.60	9.10	25.20	8.02
	0.0	-0.7	34.20	11.19	32.10	10.15	30.00	9.15	27.60	8.14	25.20	7.19
	3.0	2.2	34.20	10.03	32.10	9.11	30.00	8.23	27.60	7.33	25.20	6.49
	5.0	4.1	34.20	9.36	32.10	8.51	30.00	7.70	27.60	6.87	25.20	6.08
	7.0	6.0	34.20	8.76	32.10	7.97	30.00	7.22	27.60	6.45	25.20	5.72
	9.0	7.9	34.20	8.24	32.10	7.51	30.00	6.81	27.60	6.09	25.20	5.41
	11.0	9.8	34.20	7.78	32.10	7.10	30.00	6.45	27.60	5.78	25.20	5.14
	13.0	11.8	34.20	7.38	32.10	6.74	30.00	6.13	27.60	5.50	25.20	4.90
	15.0	13.7	34.20	7.02	32.10	6.42	30.00	5.85	27.60	5.26	25.20	4.70
70	-25.0	-25.1	21.70	12.17	20.30	11.65	18.80	10.36	17.20	9.54	15.50	8.75
	-22.0	-22.2	23.40	12.65	22.00	11.94	20.50	10.65	18.90	9.83	17.20	9.05
	-20.0	-20.2	24.50	12.85	23.10	12.14	21.70	10.84	20.00	10.03	18.40	9.24
	-17.0	-17.3	26.20	13.14	24.80	12.43	23.30	11.14	21.70	10.32	20.00	9.53
	-15.0	-15.3	27.40	13.34	25.90	12.62	24.50	11.33	22.80	10.52	21.20	9.73
	-12.0	-12.4	29.00	13.63	27.60	12.92	26.20	11.62	24.20	10.81	22.10	9.53
	-10.0	-10.5	29.90	13.82	28.10	12.50	26.30	11.26	24.20	9.97	22.10	8.79
	-7.0	-7.6	29.90	12.25	28.10	11.08	26.30	9.99	24.20	8.85	22.10	7.81
	-5.0	-5.6	29.90	11.32	28.10	10.25	26.30	9.24	24.20	8.20	22.10	7.24
	-3.0	-3.7	29.90	10.48	28.10	9.49	26.30	8.56	24.20	7.60	22.10	6.72
	0.0	-0.7	29.90	9.37	28.10	8.49	26.30	7.67	24.20	6.82	22.10	6.03
	3.0	2.2	29.90	8.43	28.10	7.65	26.30	6.91	24.20	6.16	22.10	5.46
	5.0	4.1	29.90	7.88	28.10	7.16	26.30	6.48	24.20	5.78	22.10	5.12
	7.0	6.0	29.90	7.39	28.10	6.72	26.30	6.09	24.20	5.44	22.10	4.83
	9.0	7.9	29.90	6.97	28.10	6.35	26.30	5.76	24.20	5.15	22.10	4.58
	11.0	9.8	29.90	6.60	28.10	6.02	26.30	5.47	24.20	4.90	22.10	4.36
	13.0	11.8	29.90	6.28	28.10	5.73	26.30	5.21	24.20	4.68	22.10	4.17
	15.0	13.7	29.90	5.99	28.10	5.47	26.30	4.99	24.20	4.48	22.10	4.00
60	-25.0	-25.1	18.40	10.97	17.10	9.78	15.90	9.21	14.50	8.03	13.10	7.38
	-22.0	-22.2	20.10	11.27	18.80	10.07	17.60	9.50	16.20	8.32	14.80	7.67
	-20.0	-20.2	21.20	11.46	19.90	10.27	18.70	9.70	17.30	8.52	15.90	7.87
	-17.0	-17.3	22.90	11.75	21.60	10.56	20.40	9.99	19.00	8.81	17.60	8.16
	-15.0	-15.3	24.00	11.95	22.80	10.75	21.50	10.19	20.10	9.01	18.70	8.36
	-12.0	-12.4	25.70	12.24	24.10	11.05	22.50	9.97	20.70	8.84	18.90	7.80
	-10.0	-10.5	25.70	11.29	24.10	10.19	22.50	9.20	20.70	8.16	18.90	7.20
	-7.0	-7.6	25.70	10.02	24.10	9.05	22.50	8.17	20.70	7.25	18.90	6.40
	-5.0	-5.6	25.70	9.27	24.10	8.38	22.50	7.57	20.70	6.72	18.90	5.94
	-3.0	-3.7	25.70	8.59	24.10	7.77	22.50	7.02	20.70	6.24	18.90	5.52
	0.0	-0.7	25.70	7.70	24.10	6.97	22.50	6.30	20.70	5.61	18.90	4.97
	3.0	2.2	25.70	6.94	24.10	6.30	22.50	5.70	20.70	5.08	18.90	4.50
	5.0	4.1	25.70	6.51	24.10	5.91	22.50	5.35	20.70	4.77	18.90	4.24
	7.0	6.0	25.70	6.12	24.10	5.56	22.50	5.04	20.70	4.50	18.90	4.00
	9.0	7.9	25.70	5.79	24.10	5.26	22.50	4.78	20.70	4.27	18.90	3.80
	11.0	9.8	25.70	5.50	24.10	5.01	22.50	4.54	20.70	4.07	18.90	3.63
	13.0	11.8	25.70	5.24	24.10	4.78	22.50	4.34	20.70	3.89	18.90	3.47
	15.0	13.7	25.70	5.02	24.10	4.58	22.50	4.17	20.70	3.74	18.90	3.34

10. Capacity Table

AM120BXMWGH

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacityy index)	Outdoor temperature (°C, DB)		Indoor temperature (°C, DB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
50	-25.0	-25.1	15.00	8.94	14.00	8.44	13.00	7.49	11.80	6.95	10.60	6.02
	-22.0	-22.2	16.70	9.23	15.70	8.74	14.60	7.78	13.50	7.24	12.30	6.31
	-20.0	-20.2	17.80	9.42	16.80	8.93	15.80	7.97	14.60	7.44	13.40	6.51
	-17.0	-17.3	19.50	9.72	18.50	9.22	17.50	8.27	16.30	7.73	15.10	6.80
	-15.0	-15.3	20.60	9.91	19.60	9.42	18.60	8.46	17.30	7.93	15.80	6.99
	-12.0	-12.4	21.40	9.70	20.10	8.78	18.80	7.89	17.30	7.02	15.80	6.20
	-10.0	-10.5	21.40	8.95	20.10	8.10	18.80	7.29	17.30	6.49	15.80	5.72
	-7.0	-7.6	21.40	7.96	20.10	7.20	18.80	6.49	17.30	5.77	15.80	5.10
	-5.0	-5.6	21.40	7.37	20.10	6.68	18.80	6.01	17.30	5.36	15.80	4.73
	-3.0	-3.7	21.40	6.84	20.10	6.20	18.80	5.59	17.30	4.98	15.80	4.40
	0.0	-0.7	21.40	6.15	20.10	5.58	18.80	5.03	17.30	4.49	15.80	3.97
	3.0	2.2	21.40	5.57	20.10	5.05	18.80	4.57	17.30	4.08	15.80	3.61
	5.0	4.1	21.40	5.23	20.10	4.75	18.80	4.30	17.30	3.84	15.80	3.40
	7.0	6.0	21.40	4.93	20.10	4.48	18.80	4.06	17.30	3.63	15.80	3.22
	9.0	7.9	21.40	4.68	20.10	4.25	18.80	3.86	17.30	3.45	15.80	3.07
	11.0	9.8	21.40	4.45	20.10	4.05	18.80	3.68	17.30	3.30	15.80	2.93
	13.0	11.8	21.40	4.26	20.10	3.88	18.80	3.53	17.30	3.16	15.80	2.81
	15.0	13.7	21.40	4.09	20.10	3.73	18.80	3.39	17.30	3.05	15.80	2.71

NOTE

- The performance table shows the average value of each conditions.

11. Capacity Correction

AM040BXMDEH/EU, AM050BXMDEH/EU

Cooling

		Pipe Length (m)				
		10	20	30	40	50
Level Difference (m)	15	-	0.98	0.96	0.95	0.93
	10	1.00	0.98	0.96	0.95	0.93
	0	1.00	0.98	0.96	0.95	0.93
	-10	1.00	0.98	0.96	0.94	0.93
	-15	-	0.98	0.96	0.94	0.92

Heating

		Pipe Length (m)					
		7.5	10	20	30	40	50
Level Difference(m)	15	-	-	0.99	0.99	0.98	0.98
	10	-	1.00	0.99	0.99	0.98	0.98
	0	1.00	1.00	0.99	0.99	0.98	0.98
	-10	-	1.00	0.99	0.99	0.98	0.98
	-15	-	-	0.99	0.99	0.98	0.98

AM080BXMDGH/EU, AM080BXMWGH/EU

Cooling

		Pipe Length (m)													
		8	10	20	30	40	50	60	70	80	90	100	110	120	130
Level Difference (m)	30	-	-	-	0.96	0.95	0.94	0.92	0.91	0.90	0.90	0.89	0.87	0.86	0.85
	20	-	-	0.98	0.97	0.95	0.94	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.85
	10	-	0.99	0.98	0.97	0.95	0.94	0.93	0.91	0.90	0.90	0.89	0.88	0.87	0.86
	0	1.00	1.00	0.98	0.97	0.96	0.94	0.93	0.92	0.90	0.90	0.89	0.88	0.87	0.86
	-10	-	1.00	0.98	0.97	0.96	0.94	0.93	0.92	0.90	0.91	0.89	0.88	0.87	0.86
	-20	-	-	0.99	0.97	0.96	0.95	0.93	0.92	0.91	0.91	0.90	0.88	0.87	0.86
	-30	-	-	-	0.98	0.96	0.95	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.86

Heating

		Pipe Length (m)													
		8	10	20	30	40	50	60	70	80	90	100	110	120	130
Level Difference (m)	30	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
	20	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
	10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
	0	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
	-10	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
	-20	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93
	-30	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93

11. Capacity Correction

AM100BXMWGH/EU

Cooling

Level Difference (m)	Pipe Length (m)																
	8	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
50	-	-	-	-	-	0.94	0.93	0.92	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86
40	-	-	-	-	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86
30	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86
20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.87
10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87
0	0.99	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87
-10	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87
-20	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87
-30	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88
-40	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88

Heating

Level Difference (m)	Pipe Length (m)																
	8	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
50	-	-	-	-	-	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
-10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
-20	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
-30	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94
-40	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94

AM120BXMWGH/EU

Cooling

Level Difference (m)	Pipe Length (m)																
	8	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
50	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88
40	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89
30	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89
20	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89
10	-	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89
0	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89
-10	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90
-20	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90
-30	-	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90
-40	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90

Heating

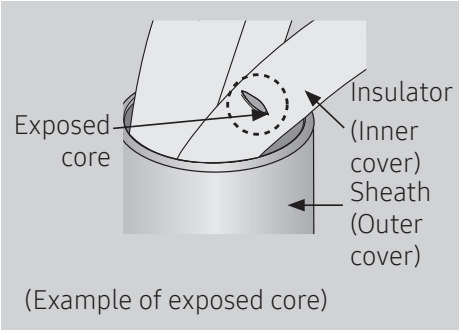
Level Difference (m)	Pipe Length (m)																
	8	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
50	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
-10	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
-20	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
-30	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95
-40	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95

12. Installation

Caution

Caution for electrical work

- You must install ELCB or MCCB + ELB
  - ELCB: Earth leakage breaker
  - MCCB: Molded case circuit breaker
  - ELB: Earth leakage breaker
- Do not operate the outdoor unit before completing the refrigerant pipe work.
- Do not disconnect or change the cable inside the product. It may cause damage to the product.



(Example of exposed core)

- Specification of the power cable is selected based on following installation condition; culvert installation/ ambient temperature 30 °C/ single multi conductor cables. If the condition is different from the ones stated, please consult an electrical installation expert and re-select the power cable.
  - If the length of power cable exceed 50m, re-select the power cable considering the voltage drop.
- Use a power cable made out of incombustible material for the insulator (inner cover) and the sheath (outer cover).
- Do not use the power cable with the core wire exposed due to insulator damage occurred during removal of the sheath. When the core wire is exposed, it may cause fire.
- When you install the power and communication cables, be careful not to touch on the refrigerant pipes. It can damage on the cables because of the high temperature of the non-insulated refrigerant pipes.

Specification of the protection tube

Name	Temper grade	Applicable conditions
Flexible PVC conduit	PVC	When the protection tube is installed indoor and not exposed to outside, because it is embedded in concrete structure
Class 1 flexible conduit	Galvanized steel sheet	When the protection tube is installed indoor but exposed to outside so there are risk of damage to the protection tube
Class 1 PVC coated flexible conduit	Galvanized steel sheet and Soft PVC compound	When the protection tube is installed outdoor and exposed to outside so there are risk of damage to the protection tube and extra waterproof is needed

Caution

Caution for perforating the knock-out hole

- Perforate a knock-out hole by punching it with a hammer.
- After perforating the knock-out hole, apply rust resisting paint around the hole.
- When you need to pass the cables through the knock-out hole, remove burrs on the hole and protection the cable with a protection tape or bushing etc.

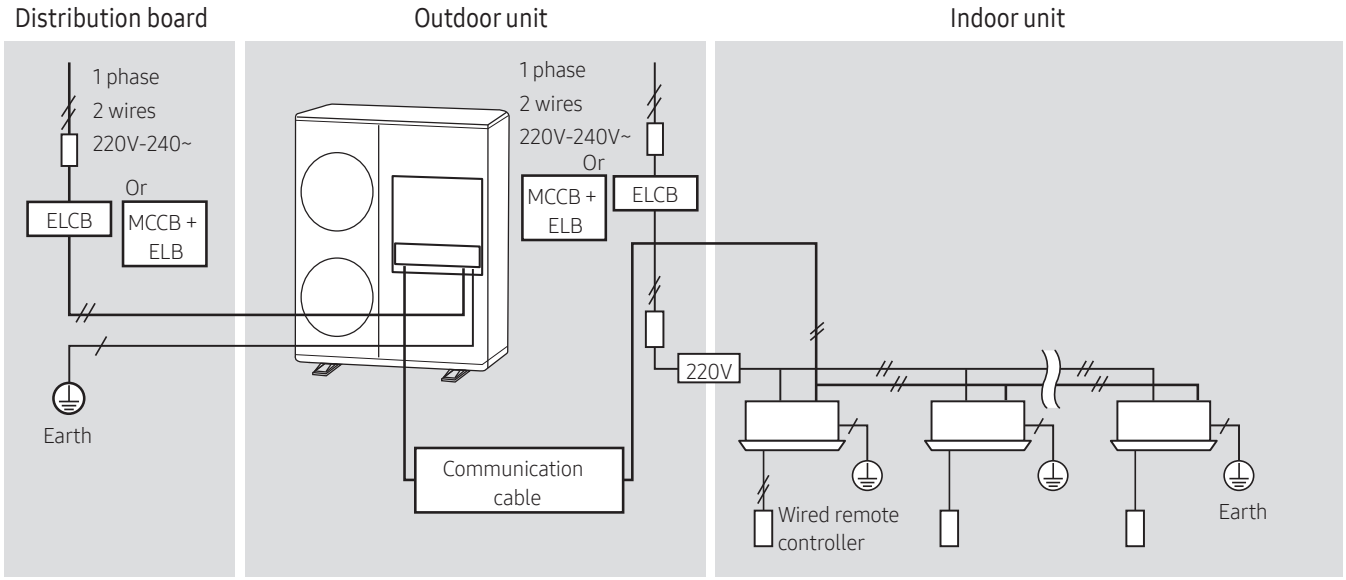
Caution for installing communication cable

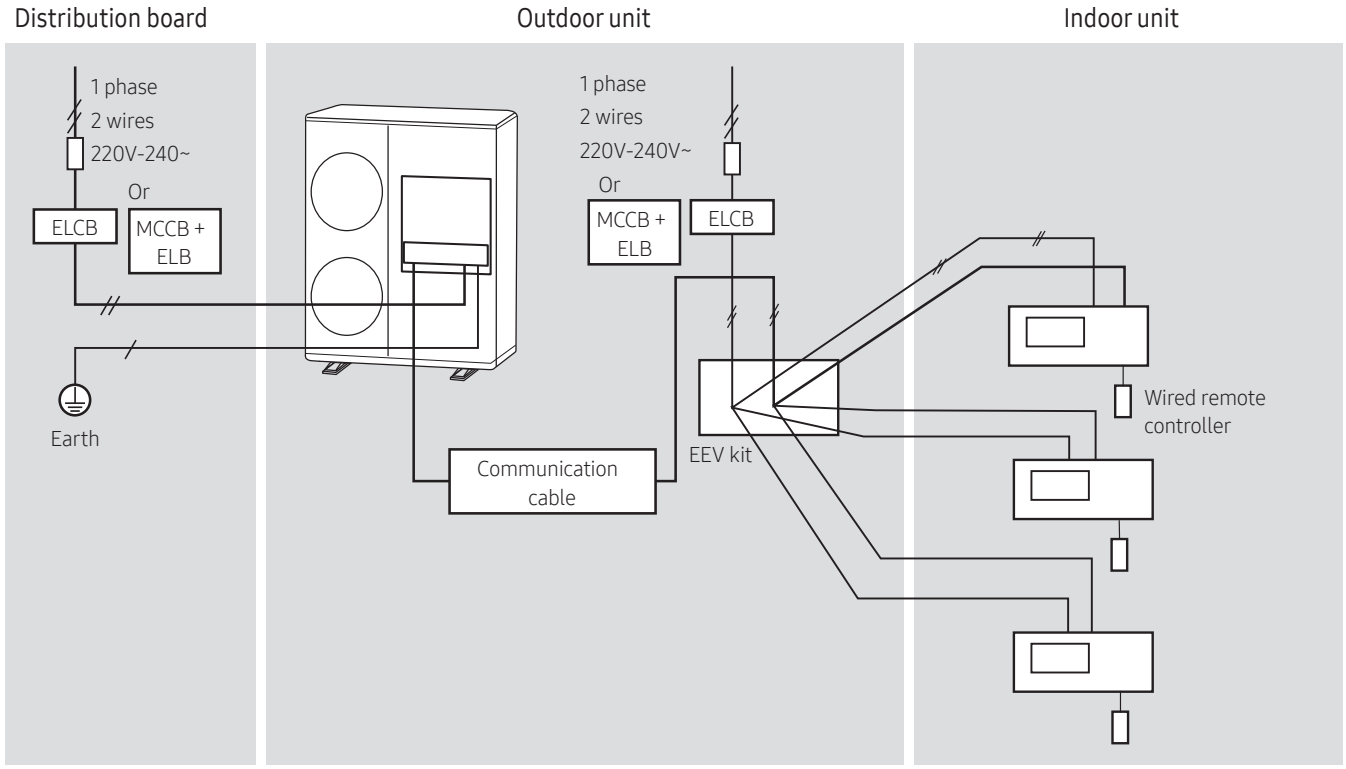
- When you connect the cable, it may sag and pressed by other parts. Therefore cables should be fixed to a clamp highlighted with a box on the illustration.

12. Installation

Power wiring Diagram

Connection of the power cable (1 phase 2 wires)

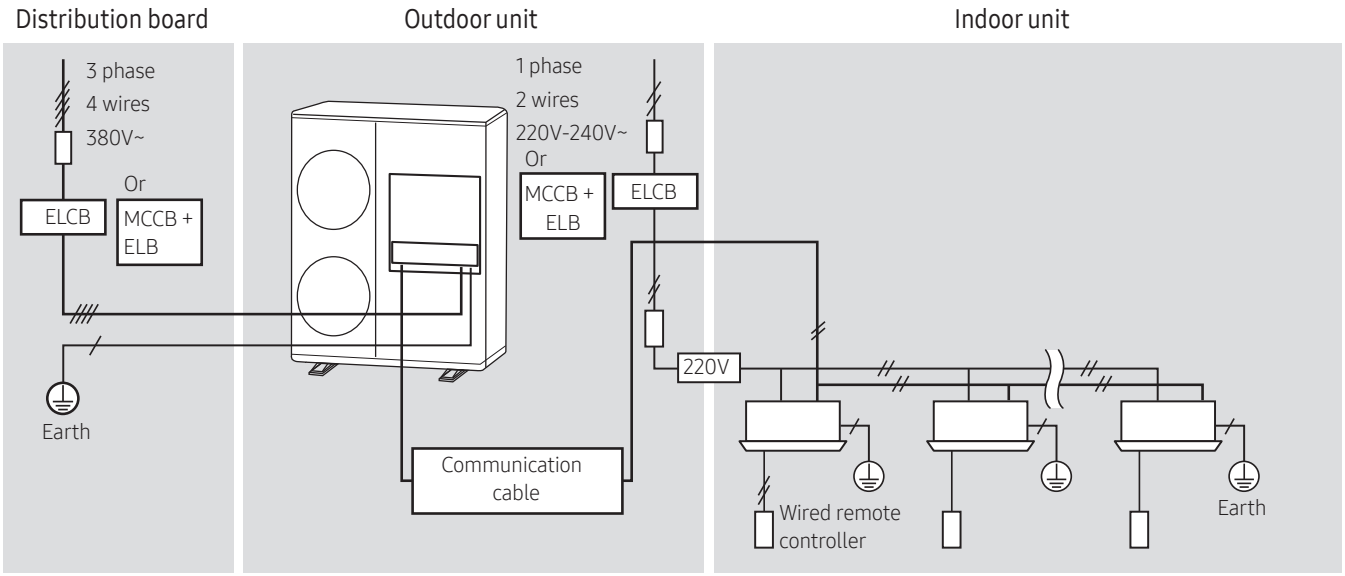




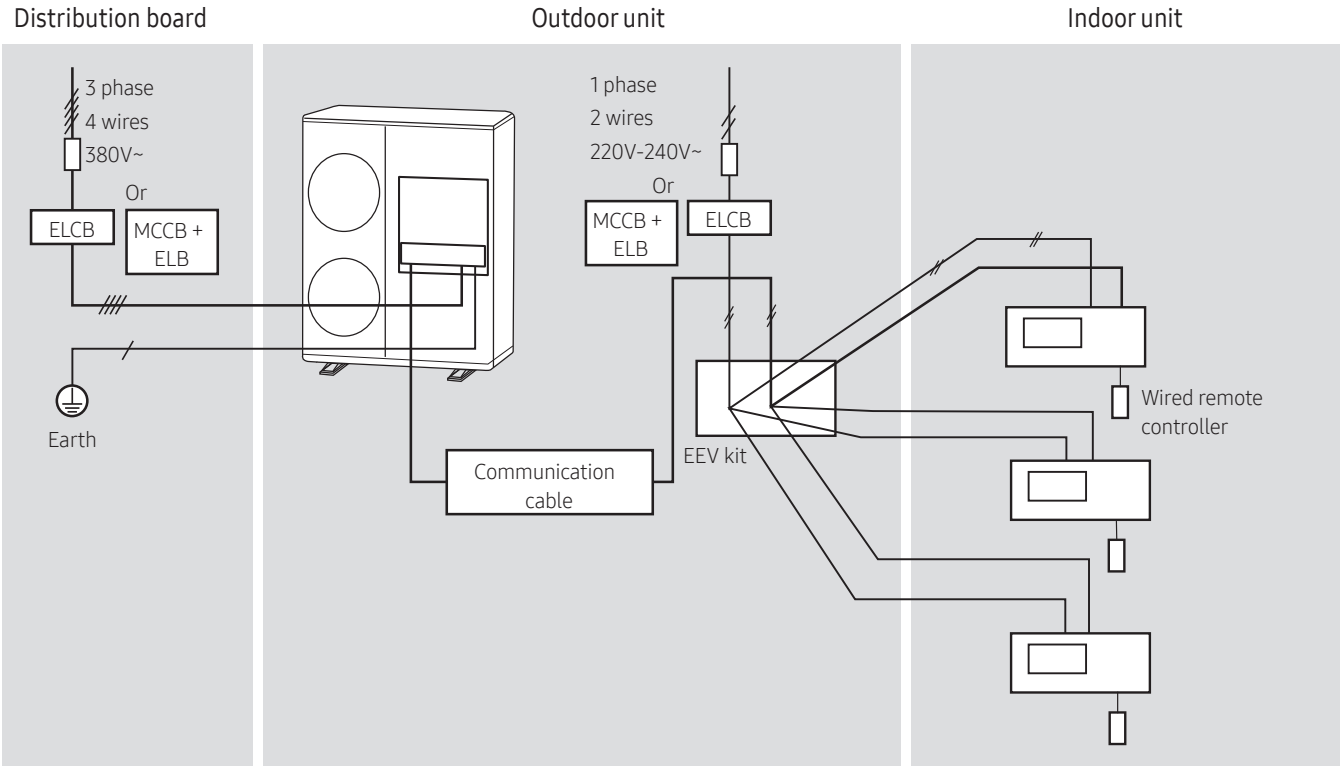
12. Installation

Power wiring Diagram

Connection of the power cable (3 phase 4 wires)



Connection of the power cable (3 phase 4 wires using EEV kit)



- ▶ Connect a power cable of the outdoor unit after checking that R-S-T-N (3 phase 4 wire) is properly connected. (If the 380-415 V power is supplied to the N phase, PCB and other electrical part will be damaged.)
- ▶ Communication cable between indoor and outdoor units and communication cable between outdoor units has no polarity.
- ▶ Arrange the cables with a cable tie.
- ✳ ELCB and ELB must be installed since there is risk of electric shock or fire when they are not installed.

12. Installation

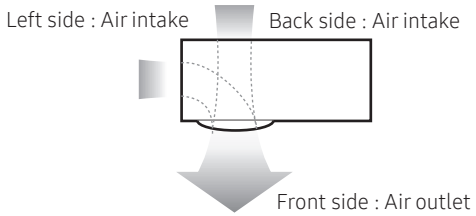
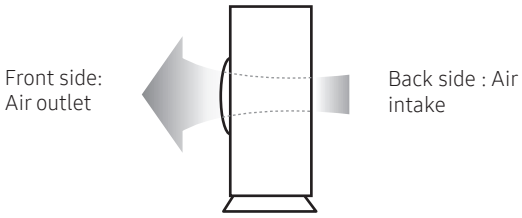
Space requirement for installation

▶ Make a space for ventilation and service as seen in the picture.

▶ When multiple outdoor units are combined for installation,allow enough space for ventilation against a wall.If the ventilation space is not allowed,product malfunction may occur.

▶ The side with logo is the front side of the outdoor unit.

✳ Figure description

Top view	Side view
	
Direction of airflow	

Installation location

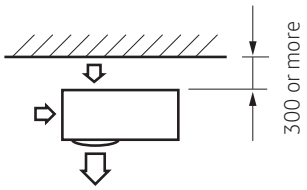
<Instructions for parallel installation> Unit: mm

(A) When the air inlet is blocked

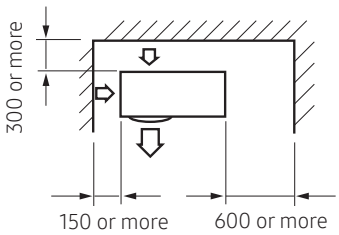
✳ The upper part of the outdoor unit is not blocked

1) When installing 1 outdoor unit

- Only the air inlet is blocked

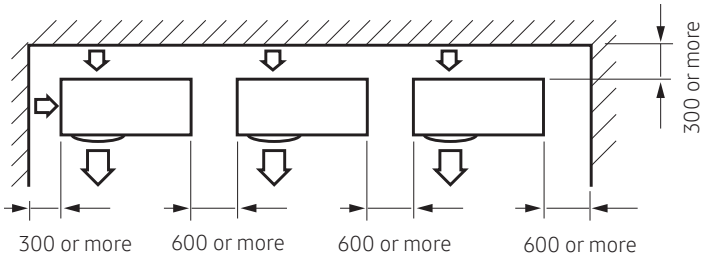


- Air inlet and 2 sides of the outdoor unit are blocked



2) When parallel installing more than 2 outdoor units(*1)

- Air inlet and 2 sides of the outdoor unit are blocked



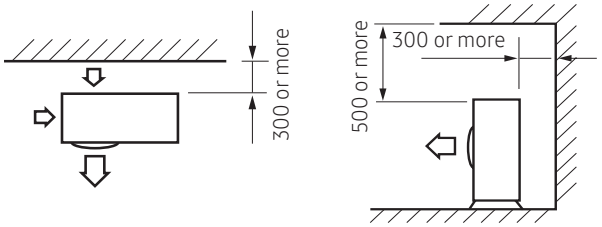
12. Installation

Space requirement for installation

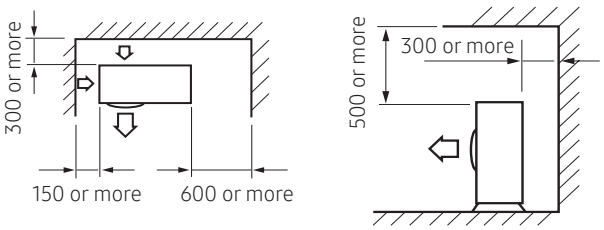
✳ The upper part of the outdoor unit is blocked

1) When installing 1 outdoor unit

- Only the air inlet is blocked

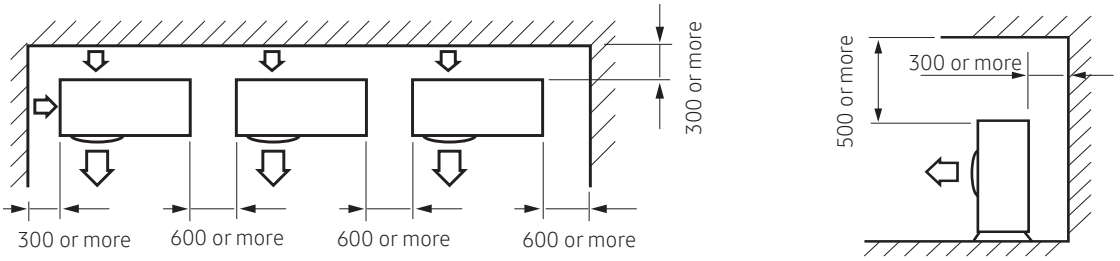


- Air inlet and 2 sides of the outdoor unit are blocked



2) When parallel installing more than 2 outdoor units(*1)

- Air inlet and 2 sides of the outdoor unit are blocked

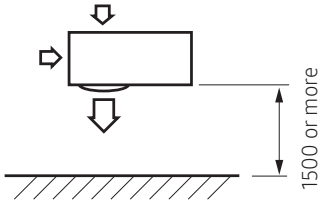


(B) When the air outlet is blocked

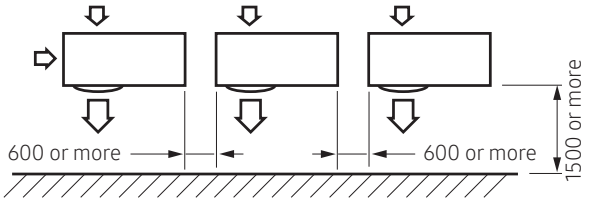
Unit: mm

✳ The upper part of the outdoor unit is not blocked

1) When installing 1 outdoor unit

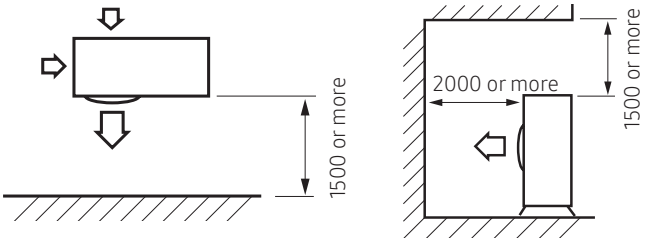


2) When parallel installing more than 2 outdoor units(*1)

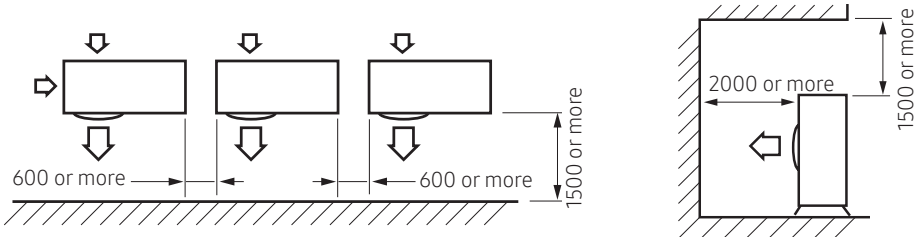


✳ The upper part of the outdoor unit is blocked

1) When installing 1 outdoor unit



2) When parallel installing more than 2 outdoor units(*1)



12. Installation

Space requirement for installation

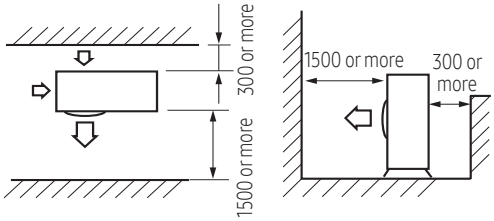
(C) When air inlet and air outlet of the outdoor unit are blocked

Unit: mm

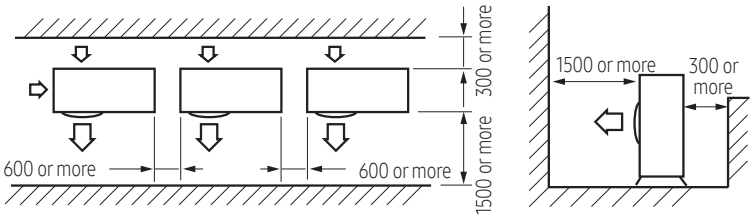
Case 1: Obstacle on exhausting side is higher than the unit.(regardless of the height of obstacle on suction side)

※ The upper part of the outdoor unit is not blocked

1) When installing 1 outdoor unit



2) When parallel installing more than 2 outdoor units(*1)

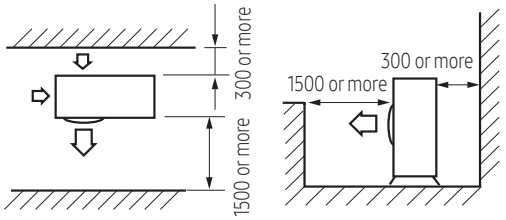


▲ The backside block can not be higher than the outdoor unit. If the backside block is higher than the outdoor unit, arrange the outdoor unit higher than the backside block.

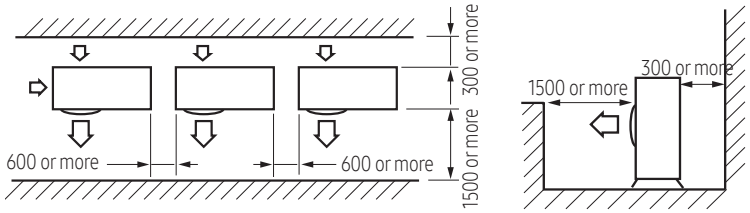
Case 2: Obstacle on exhausting side is lower than the unit.(regardless of the height of obstacle on suction side)

※ The upper part of the outdoor unit is not blocked

1) When installing 1 outdoor unit



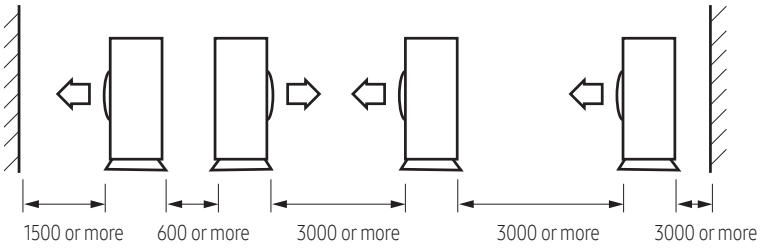
2) When parallel installing more than 2 outdoor units(*1)



▲ The frontside block can not be higher than the outdoor unit. If the frontside block is higher than the outdoor unit, arrange the outdoor unit higher than the frontside block.

(*1) When installing outdoor units paralleled, more than 600mm gap shall be left.

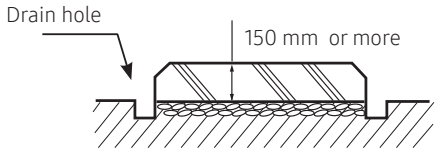
When front and rear side of the outdoor unit is toward the wall



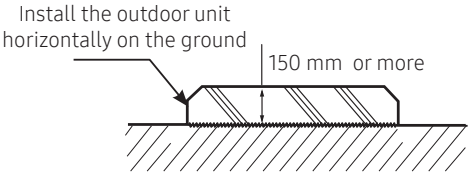
12. Installation

Base construction and installation of the outdoor unit

Base ground contruction



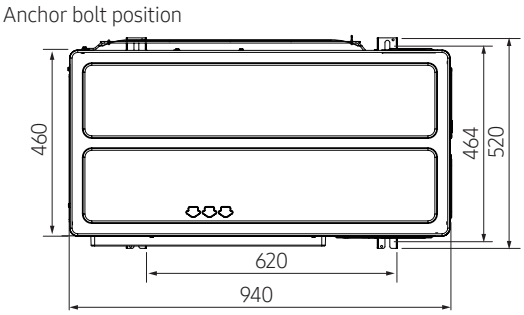
(when Installing on the ground)



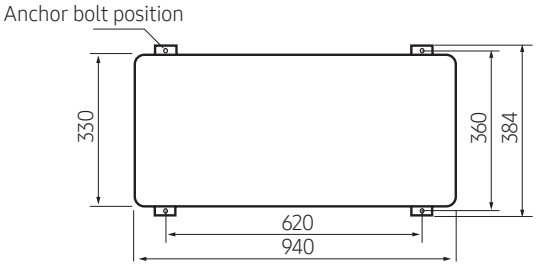
(when Installing on the roof)

▶ The outdoor unit should be supported within the range of measurement below for base ground work.

Unit: mm



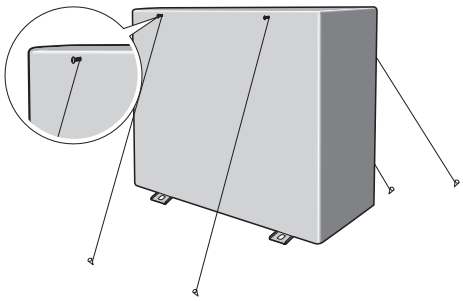
AM100/120BXMWGH⚹



AM040/050BXMD⚹H⚹
AM040/050/060BXMDEH⚹
AM040/050/060BXMDGH⚹
AM080⚹XMDGH⚹

▶ When the outdoor unit needs to be supported,fix it with wire as shown in the picture.

- Slightly unwind the four screws on the cover top of the outdoor unit.
- Wind wires round the four screws and fasten the screws again.
- Fix the wires to the ground.



Caution

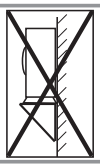
- If the outdoor unit is not fixed securely,product may fall and it might cause loss of life or property damage.
- Do not install the outdoor unit on the wooden pallet.
- Fix the outdoor unit securely to the base ground with anchor bolts.
- The manufacturer is not responsible for the damage occurred by not adhering to the standard of the installation.
- To protect the outdoor unit from external condition such as rain, install it on the base ground and connect the drain pipe to the drainage.

12. Installation

Base construction and installation of the outdoor unit

Caution

- Please firstly ensure the strength and levelness of the platform, ground and the support so as to lower the noise and vibration for fear of human injuries.
- The hanging mount on the wall is prohibited due to the heavy machine. The improper installation shall lead to the fall of the machine as well as human injuries.



‹The machine shall be installed on the ground or on the high platform›

- ▶ As shown in Figure 1, to ensure the shadow part is on the bearing surface without suspension.
- ▶ As shown in Figure 1, the four installation footings shall be firmly fastened on the base platform by the bolts (preparing four sets of M10 bolts with fitful nuts and washer which are used on site)
- ▶ In order to reduce the vibration of the noisemeter, the vibration absorber (offer on site) shall be used between the contact of machine and base platform.
- ▶ It is optimal that anchor bolt is 20mm above the surface. (See Figure 2)

The base of the outdoor unit and the position of foundation bolts

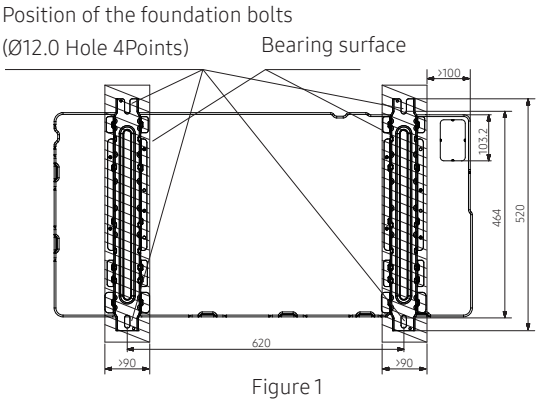


Figure 1

Unit: mm

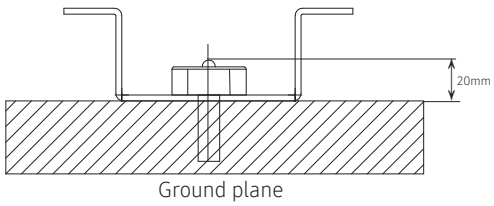
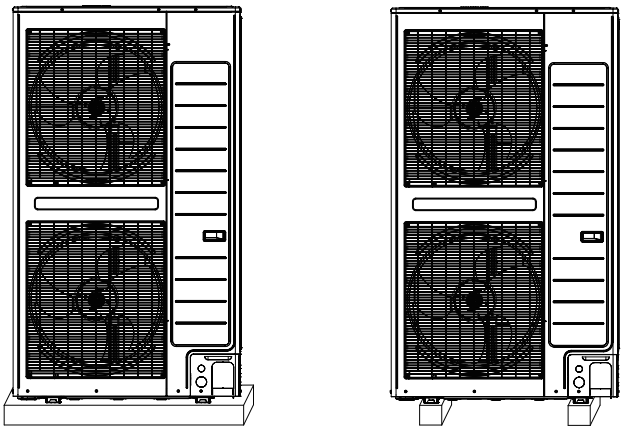


Figure 2

- ▶ Please ensure the shadow part in Figure 1 is really installed on the bearing surface without any suspension.
- ▶ The ground base that is larger than the standing leg of the air-conditioner (90mm in width and 520mm in length) shall be used to support the air-conditioner (See Figure 1), and the rubber mat shall be fully placed on the whole bearing surface.
- ▶ The base platform shall be at least 150mm above the ground.



Caution

- When the grounding pipe comes out from the below, please reserve the place for the connection pipe.
- The installation mode mentioned above shall ensure that the shadow part in Figure 1 is really on the installation surface.

12. Installation

Refrigerant pipe installation

Refrigerant pipe work

- ▶ The length of refrigerant pipe should be as short as possible and the height difference between an indoor and outdoor unit should be minimized.
- ▶ Piping work must be done within allowable piping length, height difference, and the allowable length after branching.
- ▶ The pressure of the R-410A is high. Use only certified refrigerant pipe and follow the installation method.
- ▶ After installing the pipes, calculate the total length of the pipe to check if additional refrigerant is needed. When you need to charge the additional refrigerant, make sure to use R-410A refrigerant.
- ▶ Use clean refrigerant pipe and there shouldn't be any harmful ion, oxide, dust, iron content or moisture inside pipe.
- ▶ Use tools and accessories that fit on R-410A only.

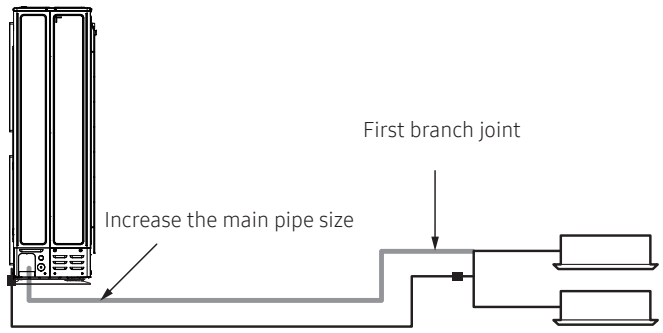
<table>
<tr><th>Tools</th><th>Installation process/purpose</th><th colspan="2">Compatibility with conventional tool</th></tr>
<tr><td>Pipe cutter</td><td rowspan="5">Refrigerant pipe installation</td><td>Pipe cutting</td><td rowspan="2">Compatible</td></tr>
<tr><td>Flaring tool</td><td>Pipe flaring</td></tr>
<tr><td>Refrigerant machine oil</td><td>Apply refrigerant oil on flared part</td><td>Exclusive ether oil, ester oil, alkali benzene oil or synthetic oil</td></tr>
<tr><td>Torque wrench</td><td>Connect flare nut with pipe</td><td rowspan="4">Compatible</td></tr>
<tr><td>Pipe bender</td><td>Pipe bending</td></tr>
<tr><td>Nitrogen gas</td><td rowspan="2">Air tightness test</td><td>Prevent oxidation within the pipe</td></tr>
<tr><td>Welder</td><td>Pipe welding</td></tr>
<tr><td>Manifold gage</td><td rowspan="2">Air tightness test ~ additional refrigerant charging</td><td rowspan="2">Vacuumizing, refrigerant filling as well as inspecting operation</td><td>Need exclusive one to prevent mixture of R-22 refrigerant oil use and also the measurement is not available due to high pressure</td></tr>
<tr><td>Refrigerant charging hose</td><td>Need exclusive one since there is risk of refrigerant leakage or inflow of impurities</td></tr>
<tr><td>Vacuum pump</td><td>Pipe drying</td><td colspan="2">Compatible (Use products which contain the check valve to prevent the oil from flowing backward into the outdoor unit.) Use the one that can be vacuumed up to -100.7kpa(5Torr).</td></tr>
<tr><td>Electronic scale for refrigerant filling</td><td rowspan="2"></td><td></td><td>Compatible</td></tr>
<tr><td>Air leak tester</td><td>Gas leak test</td><td>Need exclusive one
(Ones used for R-134a is compatible)</td></tr>
<tr><td>Pipeline joint</td><td colspan="3">Must use the flare nut equipped with the product. Refrigerant leakage may occur when the conventional flare nut for R-22 is used.</td></tr>
</table>

12. Installation

Refrigerant pipe installation

Selecting refrigerant pipe

- ▶ Install the refrigerant pipe according to main pipe size of each outdoor unit capacity.
- ▶ When the pipe length (including elbow) between an outdoor unit and the farthest indoor unit exceeds 90m, you must increase the size of the gas pipe (main pipe) by one grade which connects between the outdoor unit to the first branch joint. (The liquid pipe size will be maintained.)
- ▶ If the capacity of the outdoor unit can decline due to the pipe length, upgrade the pipe size one step (gas pipe).



Size of the pipe between the outdoor unit and the first branch joint

Outdoor unit capacity [HP]	Liquid pipe [mm]	Gas pipe [mm]	Increased gas pipe [mm]
4	Φ9.52	Φ15.88	Φ19.05
5	Φ9.52	Φ15.88	Φ19.05
8	Φ9.52	Φ19.05	Φ22.23
8	Φ9.52	Φ19.05	Φ22.23
10	Φ9.52	Φ22.22	Φ25.40
12	Φ12.70	Φ28.58	Φ28.58

Selection of branch joint

Selection of the other branch joint according to the sum of indoor unit capacity which will be connected after the branch		
Classification	Indoor unit capacity [kW]	Model name
Y-joint	15.0 kW and below	MXJ-YA1509M
	Over 15.0 kW ~ 40.0 kW and below	MXJ-YA2512M
Distribution Header	45.0 kW and Below (for 4 rooms)	MXJ-HA2512M
	70.3 kW and below (for 8 rooms)	MXJ-HA3115M

Size of the pipe between branch joints

Selecte the pipe size according to the sum of indoor unit capacity which will be connected after the branch.

Inddor unit capacity [kW]	Liquid pipe [mm]	Gas pipe [mm]
15.0 kW and below	Φ9.52	Φ15.88
Over 15.0 kW ~ 22.4 kW and below		Φ19.05
Over 22.4 kW		Φ22.22

12. Installation

Refrigerant pipe installation

Additional Refrigerant

▶ Basic amount of refrigerant within the outdoor unit (kg)

- Amount of additional refrigerant has to be calculated based on the sum of all liquid pipe length.

Classification	AM040BXMDEH	AM050BXMDEH	AM040BXMD✳R	AM050BXMD✳R
Basic type	2.0	2.5	3.2	3.2
Classification	AM060BXMD✳R	AM080BXM✳GH	AM100BXMWGH	AM120BXMWGH
Basic type	3.3	3.7	4.3	4.8

▶ Charging additional refrigerant

The amount of additional refrigerant charging = The amount of refrigerant charging for pipe + the amount of refrigerant correction charging for an indoor unit

1) The amount of additional refrigerant depending on the pipe size.
   - Amount of additional refrigerant has to be calculated based on the sum of all liquid pipe length.

Size of liquid pipe	Φ6.35	Φ9.52	Φ12.70	Φ15.88	Φ19.05	Φ22.22	Φ25.40	Φ28.58
Additional amount (kg/m)	0.02	0.06	0.125	0.18	0.27	0.35	0.53	0.65

Additional refrigerant charging calculation = The sum of total length of Ø9.52 liquid pipe(m) x 60g + the sum of total length of Ø6.35 liquid pipe(m) x 20g

Ex) a(Ø9.52)=40m,b+c+d(Ø9.52)=15m,e+f+g(Ø6.35)=15m

The amount of additional refrigerant = 55m x 60g + 15m x 20g = 3600g

2) In case of using EEV kit, amount of additional refrigerant of liquid pipe between EEV kit and indoor unts is 0.01kg per meter.

Amount of additional refrigerant for each indoor unit Unit: kg

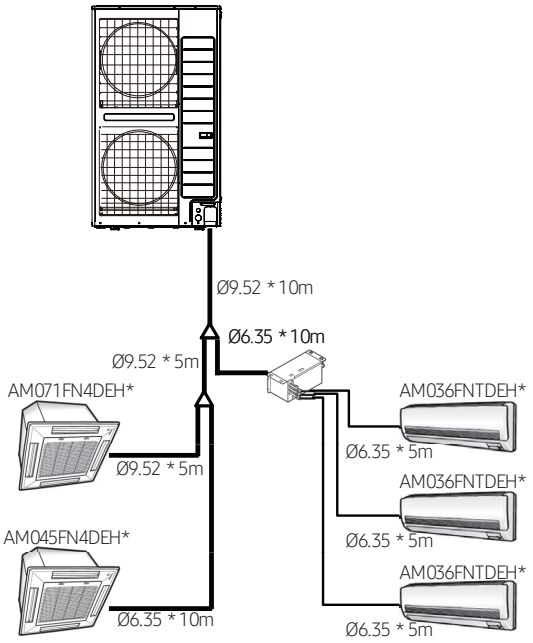
Capacity (KW) / Model	1.5	1.7	2.2	2.8	3.6	4.5	5.6	6.0	7.1	9.0	11.2	12.8	14.0	22.0	28.0	500CMH	1000CMH
Slim 1way cassette(JSF) (AM✳FN1DEH✳)			0.25	0.25	0.25												
2way cassette (AM✳FN2DEH✳)							0.31		0.47								
Global 4way cassette (AM✳FN4DEH✳)						0.45	0.45		0.45	0.45	0.57	0.69	0.69				
Floor Standing Unit (AM✳FNFDEH✳)					0.22		0.32		0.32								
ERV plus (AM✳FNKDEH✳)																0.11	0.36
Global mini 4way cassette (AM✳FNNDEH✳)	0.29		0.29	0.29	0.29	0.37	0.37	0.37									
Slim duct (AM✳FNLDEH✳✳)		0.17	0.17	0.17	0.26	0.35	0.35		0.45	0.42	0.42	0.62	0.62				
MSP duct (AM✳FNMDEH✳)			0.24	0.24	0.24	0.28	0.28		0.28	0.32	0.54	0.68	0.68				
Ceiling (AM✳FNCDEH✳)							0.39		0.39								
Console (AM✳FNJDEH✳)				0.27	0.27		0.27										
Neo forte (AM✳FNTDEH✳✳)	0.24		0.24	0.24	0.24		0.36		0.36								
Neo forte(with EEV) (AM✳FNQDEH✳✳)	0.24		0.24	0.24	0.24	0.36	0.36		0.36								
HSP Duct (AM✳FNLHDEH✳)											0.68	0.68	0.68	1.18	1.18		
Home Duct (AM✳KNLDEH)		0.13	0.13	0.13	0.17												

▶ If AHU kit is included among the indoor units,you must add 0.063kg of refrigerant for every 1kW of the AHU capacity increase.

12. Installation

Refrigerant pipe installation

Method to calculate total amount of additional refrigerant



▶ Total amount of additional refrigerant

Total amount of additional refrigerant = Amount of additional refrigerant depending on the pipe length + Amount of additional refrigerant for each indoor unit

※ Amout of additional refrigerant depending on the pipe length

Size of Liquid pipe (mm)	Length (m)	Unit amount of refrigerant (kg/m)	Amount of additional refrigerant (kg)	Total amount of additional refrigerant (kg)
Φ6.35	20	0.02	0.4	1.75
Φ9.52	20	0.06	1.2	
EEV kit ~ indoor unit	15	0.01	0.15	

Amount of additional refrigerant charging for each indoor unit

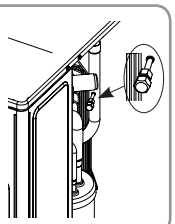
Model name of Indoor unit	Number of units (EA)	Unit amount of refrigerant (kg/m)	Amount of additional refrigerant (kg)	Total amount of additional refrigerant (kg)
AM045FN4DEH※	1	0.45	0.45	1.62
AM071FN4DEH※	1	0.45	0.45	
AM036FNTDEH※	3	0.24	0.72	

▶ Total amount of additional refrigerant = 1.75 + 1.62 = 3.37 (kg)

⚠ Caution

When charging additional refrigerant while outdoor unit operating, you should follow below guides:

- Cooling mode : charge on the low pressure service valve.
- Heating mode : charge on the charging port. (Refer to the picture on the right.)
- Do not use the high pressure service valve as a refrigerant charge while outdoor unit operating except on vacuumizing. (High pressure refrigerant can lead to human injuries.)



12. Installation

Refrigerant pipe installation

Keeping refrigerant pipe

To prevent foreign materials or water from entering the pipe, storing method and sealing method (especially during installation)is very important. Apply correct sealing method depending on the environment.

Exposure place	Exposure time	Sealing type
Outdoor	Longer than one month	Pipe pinch
	Shorter than one month	Taping
Indoor	-	Taping

Temper grade and minimum thickness of the refrigerant pipe

Outer diameter (mm)	Minimum thickness (mm)	Material
Ø6.35	0.7	Annealed
Ø9.52	0.7	
Ø12.70	0.8	
Ø15.88	1.0	
Ø19.05	0.9	Drawn
Ø22.22	0.9	

⚠ Caution

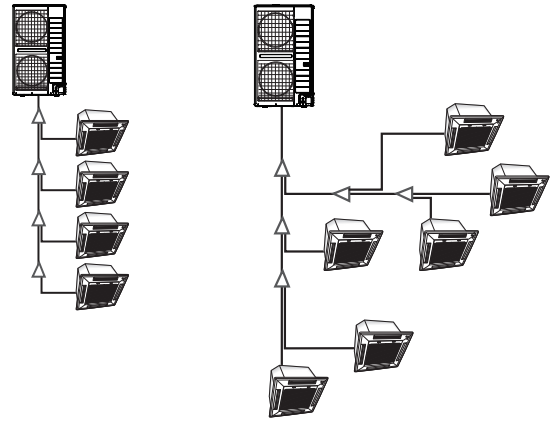
- For pipes larger than Ø 19.05, drawn type (C1220T-1/2H or C1220T-H) copper pipe must be used. If a annealed type (C1220T-O) copper pipe is used, pipe may break due to its low pressure resistance and cause personal injury.

12. Installation

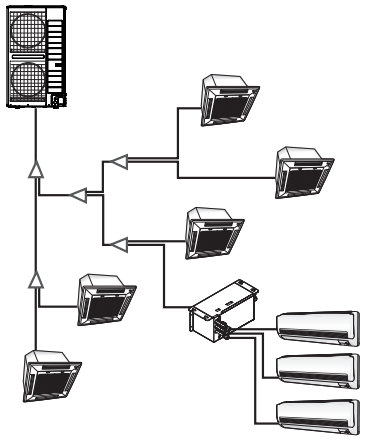
Refrigerant pipe installation

Examples of refrigerant pipe installation

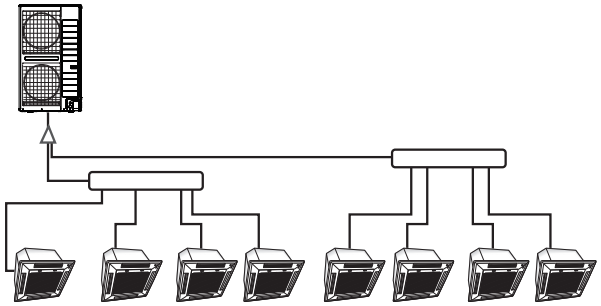
- Using Y-joint



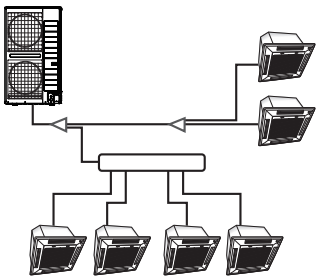
- Using Y-joint Using Y-joint / EEV kit



- Using Y-joint Using distribution header



- Using Y-joint Using distribution header / Y-joint



12. Installation

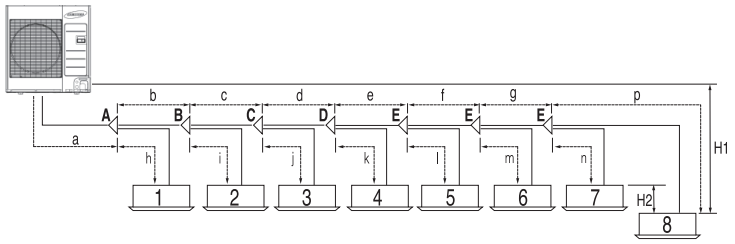
Refrigerant pipe installation

Allowable length of the refrigerant pipe and the installation

Examples AM040/050✳XMDEH

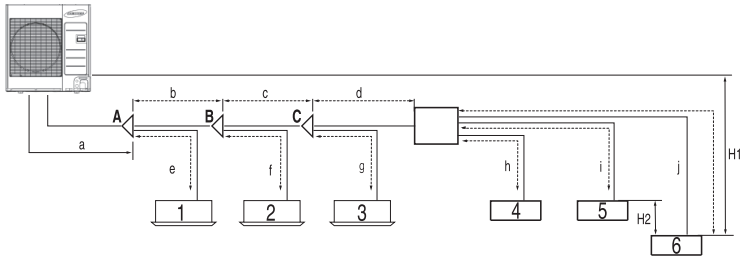
✳ Connection by Y-joint

Outdoor unit



✳ Connection by Y-joint / EEV kit

Outdoor unit



Classification			Y joint connection	Y-joint / EEV kit connection
Maximum allowable length of pipe	Outdoor unit ~ Indoor unit	Actual length	The distance between the outdoor unit and the farthest indoor unit ≤ 50m	
			Ex) 8 indoor units a+b+c+d+e+f+g+p ≤ 50m	Ex) 6 indoor units a+b+c+d+j ≤ 50m
		Equivalent length	The distance between an outdoor unit and the farthest indoor unit ≤ 65m	
		Main pipe length	The main pipe(a) from the the outdoor unit to the first Y joint < 40m	
		Total length:	The sum of the total length of the pipes < 150m	
Maximum allowable height	Outdoor unit ~ Indoor unit	Height	H1: Height difference between outdoor unit and indoor unit: not more than 30m when the outdoor unit is higher, or not more than 25m when the outdoor unit is lower.	
		Height	H2: Height difference between indoor unit is not more than 15m.	
Maximum allowable length after Y joint		Actual length	The distance between the first Y-joint and the farthest indoor unit ≤ 40m Ex) 8 indoor units b+c+d+e+f+g+p ≤ 40m	Allowable length between EEV kit and an indoor unit ≤ 20m Ex) : h, i, j ≤ 20m

✳ When the equivalent length between an outdoor unit and the farthest indoor unit exceeds 90m,upgrade the low pressure pipe of the main pipe one step.

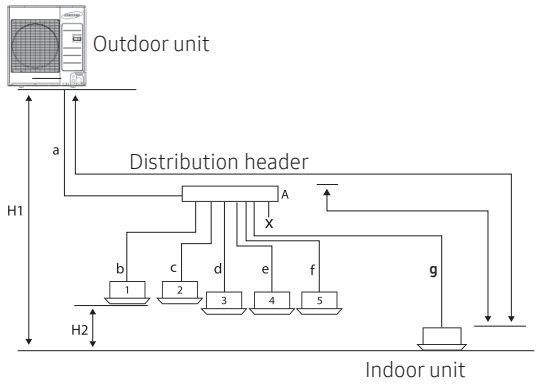
12. Installation

Refrigerant pipe installation

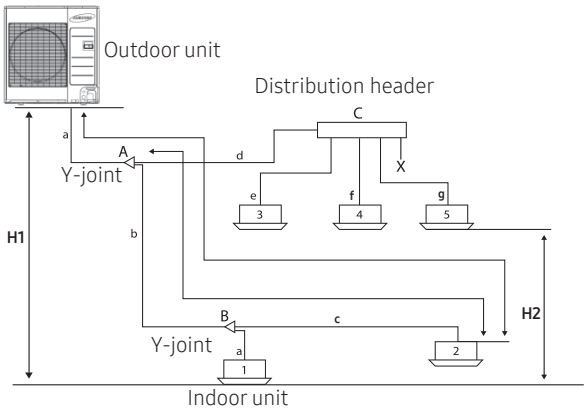
EEV kit			Model name		Remarks
EEV kit ~ Indoor unit	Actual pipe length	2 m	MEV-E24SA	1 indoor	Apply to products without EEV (Wall mount & ceiling)
			MEV-E32SA		
		20 m or less	MXD-E24K132A	2 indoor	
			MXD-E24K200A		
			MXD-E32K200A		
			MXD-E24K232A	3 indoor	
			MXD-E24K300A		
			MXD-E32K224A		
			MXD-E32K300A		

✳ Please refer to the EEV Kit manual.

Connection by distribution header



Connection by Y-joint/distribution header



Classification			Distribution connection	Y-joint / distribution connection
Maximum allowable length of pipe	Outdoor unit ~ Indoor unit	Actual length	The distance between the outdoor unit and the farthest indoor unit ≤ 50m	
			Ex) 8 indoor units a+g ≤ 50m	Ex) 8 indoor units a+b+c ≤ 50m
		Equivalent length	The distance between outdoor unit and the farthest indoor unit ≤ 65m	
		Main pipe length	The main pipe(a) from the the outdoor unit to the first Y joint < 40m	
		Total length:	The sum of the total length of the pipes < 150m	
Maximum allowable height	Outdoor unit ~ Indoor unit	Height	H1: Height difference between outdoor unit and indoor unit: not more than 30m when the outdoor unit is higher, or not more than 25m when the outdoor unit is lower.	
		Height	H2: Height difference between indoor unit is not more than 15m.	
Maximum allowable length after Y joint		Actual length	The distance between the header joint and the indoor unit ≤ 40m Ex) b, c ~ f, g ≤ 40m	The distance between the first Y joint and the farthest indoor unit ≤ 40m Ex) 5 indoor units b+c, d+g ≤ 40m

✳ When the equivalent length between an outdoor unit and the farthest indoor unit exceeds 90m,upgrade the low pressure pipe of the main pipe one step.

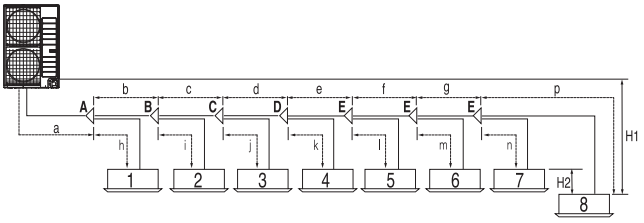
12. Installation

Refrigerant pipe installation

AM080✳XM✳GH

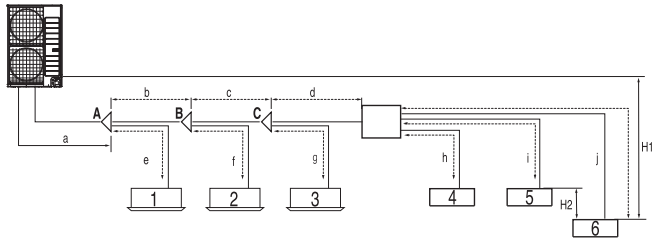
✳ Connection by Y-joint

Outdoor unit



✳ Connection by Y-joint/EEV kit

Outdoor unit



Classification			Y-joint connection	Y-joint / EEV kit connection
Maximum allowable length of pipe	Outdoor unit ~ Indoor units	Actual Length	The distance between the outdoor unit and the farthest indoor unit ≤ 100m	
			Ex) 8 indoor units a+b+c+d+e+f+g+p ≤ 100m	Ex) 6 indoor units a+b+c+d+j ≤ 100m
		Equivalent length	The distance between an outdoor unit and the farthest indoor unit ≤ 130m	
		Main pipe length	The main pipe(a) from the the outdoor unit to the first Y joint < 80m.	
		Total length	The sum of the total length of the pipes < 300m.	
Maximum allowable height	Outdoor unit ~ Indoor units	Height	H1: The difierence of height between an outdoor unit and indoor unit < 30m;	
		Height	H2: The difierence of height between indoor units ≤ 30m But,when RAC EEV is installed, H2 is 15m or less.	
Maximum allowable length after Y-joint		Actual Length	The distance between the first Y-joint and the farthest indoor unit ≤ 40m; Ex) 8 indoor units b+c+d+e+f+g+p ≤ 40m	Allowable length between EEV kit and an indoor unit ≤ 20m; Ex) : h, i, j ≤ 20m

✳ When the equivalent length between an outdoor unit and the farthest indoor unit exceeds 90m, upgrade the low pressure pipe of the main pipe one step.

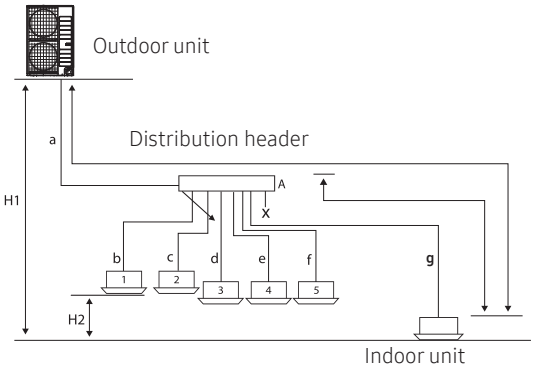
12. Installation

Refrigerant pipe installation

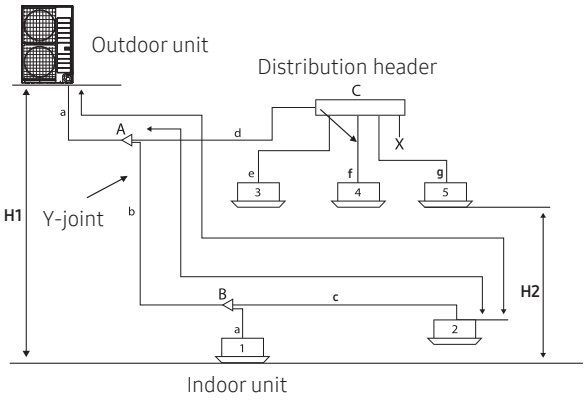
EEV Kit			Model name		Remarks
EEV Kit ~ Indoor unit	Actual pipe length	2m	MEV-E24SA	1 indoor	Apply to products without EEV (Wall mount & ceiling)
			MEV-E32SA		
		20m or less	MXD-E24K132A	2 indoor	
			MXD-E24K200A		
			MXD-E32K200A		
			MXD-E24K232A	3 indoor	
			MXD-E24K300A		
			MXD-E32K224A		
			MXD-E32K300A		

✳ Please refer to the EEV Kit manual.

Connection by distribution header



Connection by Y-joint/distribution header



Classification			Distribution connection	Y-joint / distribution connection
Maximum allowable length of pipe	Outdoor unit ~ Indoor unit	Actual length	The distance between the outdoor unit and the farthest indoor unit ≤ 100m	
			Ex) 8 indoor units a+g ≤ 100m	Ex) 8 indoor units a+b+c ≤ 100m
		Equivalent length	The distance between outdoor unit and the farthest indoor unit ≤ 130m	
		Main pipe length	The main pipe(a) from the the outdoor unit to the first Y joint < 80m.	
		Total length:	The sum of the total length of the pipes < 300m.	
Maximum allowable height	Outdoor unit ~ Indoor unit	Height	H1: The height difierence between an outdoor unit and the indoor unit ≤ 30m;	
		Height	H2: The height difierence between the indoor units ≤30m	
Maximum allowable length after Y joint		Actual length	The distance between the header joint and the indoor unit ≤ 40m Ex) b, c ~ f, g ≤ 40m	The distance between the first Y joint and the farthest indoor unit ≤ 40m Ex) 5 indoor units b+c, d+g ≤ 40m

✳ When the equivalent length between an outdoor unit and the farthest indoor unit exceeds 90m, upgrade the low pressure pipe of the main pipe one step.

12. Installation

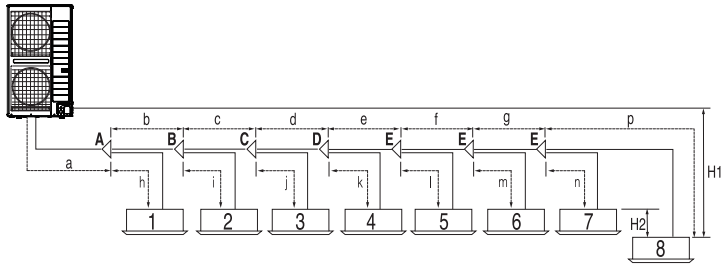
Refrigerant pipe installation

Allowable length of the refrigerant pipe and the installation examples

AM100✳XMWG✳/120✳XMWG✳

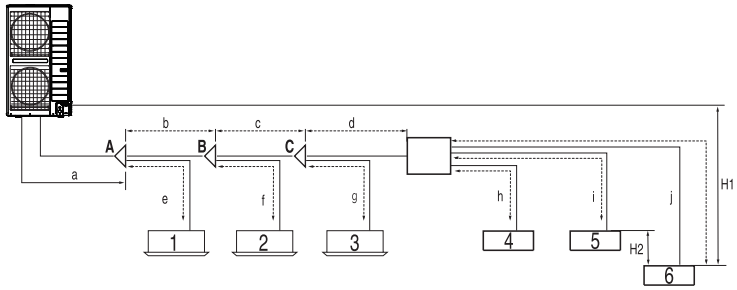
✳ Connection by Y-joint

Outdoor unit



✳ Connection by Y-joint / EEV kit

Outdoor unit



Classification			Y joint connection	Y-joint / EEV kit connection
Maximum allowable length of pipe	Outdoor unit ~ Indoor unit	Actual length	The distance between the outdoor unit and the farthest indoor unit ≤ 160m	
			Ex) 8 indoor units a+b+c+d+e+f+g+p ≤ 160m	Ex) 6 indoor units a+b+c+d+j ≤ 160m
		Equivalent length	The distance between an outdoor unit and the farthest indoor unit ≤ 185m	
		Main pipe length	The main pipe(a) from the the outdoor unit to the first Y joint < 120m	
		Total length:	The sum of the total length of the pipes < 300m	
Maximum allowable height	Outdoor unit ~ Indoor unit	Height	H1: The difference of height between an outdoor unit and indoor unit < 50/40m Note 1)	
		Height	H2: The difference of height between indoor units ≤50m But, when AM✳✳✳✳NQDEH✳ is installed, H2 is 15 m or less.	
Maximum allowable length after Y joint		Actual length	The distance between the first Y-joint and the farthest indoor unit ≤ 40m Ex) 8 indoor units b+c+d+e+f+g+p ≤ 40m	Allowable length between EEV kit and an indoor unit ≤ 20m Ex) : h, i, j ≤ 20m

✳ When the equivalent length between an outdoor unit and the farthest indoor unit exceeds 90m,upgrade the low pressure pipe of the main pipe one step.

✳ Note 1) When indoor unit is located at higher level than outdoor unit, allowable height difference is 40m, but when the indoor unit is located at lower level than outdoor unit, allowable height difference is 50m.

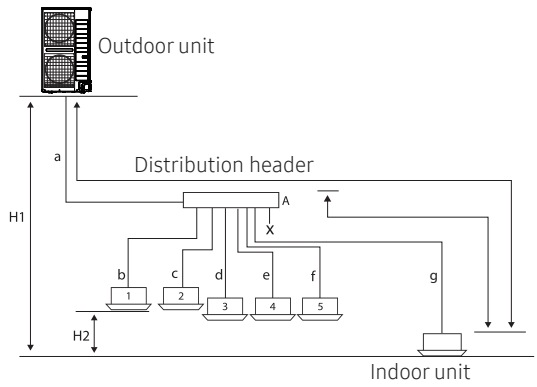
12. Installation

Refrigerant pipe installation

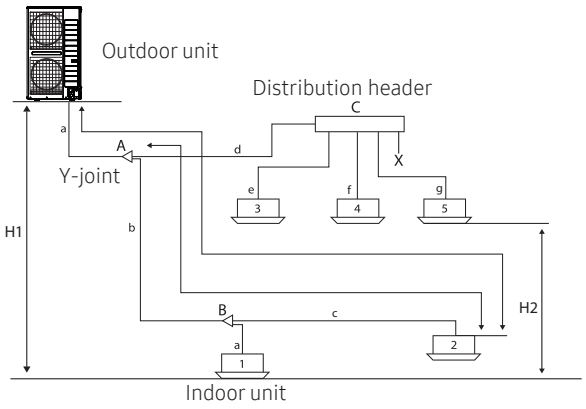
EEV kit			Model name		Remarks
EEV kit ~ Indoor unit	Actual pipe length	2 m	MEV-E24SA	1 indoor	Apply to products without EEV (Wall mount & ceiling)
			MEV-E32SA		
		20 m or less	MXD-E24K132A	2 indoor	
			MXD-E24K200A		
			MXD-E32K200A		
			MXD-E24K232A	3 indoor	
			MXD-E24K300A		
			MXD-E32K224A		
			MXD-E32K300A		

✳ Please refer to the EEV Kit manual.

Connection by distribution header



Connection by Y-joint/distribution header



Classification			Distribution connection	Y-joint / distribution connection
Maximum allowable length of pipe	Outdoor unit ~ Indoor unit	Actual length	The distance between the outdoor unit and the farthest indoor unit ≤ 160m	
			Ex) 8 indoor units a+g ≤ 160m	Ex) 8 indoor units a+b+c ≤ 160m
		Equivalent length	The distance between outdoor unit and the farthest indoor unit ≤ 185m	
		Main pipe length	The main pipe(a) from the the outdoor unit to the first Y joint < 120m	
		Total length:	The sum of the total length of the pipes < 300m	
Maximum allowable height	Outdoor unit ~ Indoor unit	Height	H1: The height difference between an outdoor unit and the indoor unit < 50/40m Note 1)	
		Height	H2: The height difference between the indoor units ≤50m But, when AM✳✳✳✳NQDEH✳ is installed, H2 is 15 m or less.	
Maximum allowable length after Y joint		Actual length	The distance between the header joint and the indoor unit ≤ 40m Ex) b, c ~ f, g ≤ 40m	The distance between the first Y joint and the farthest indoor unit ≤ 40m Ex) 5 indoor units b+c, d+g ≤ 40m

✳ When the equivalent length between an outdoor unit and the farthest indoor unit exceeds 90m,upgrade the low pressure pipe of the main pipe one step.

✳ Note 1) When indoor unit is located at higher level than outdoor unit, allowable height difference is 40m, but when the indoor unit is located at lower level than outdoor unit, allowable height difference is 50m.

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Ver.1.2

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