DVM Technical Data Book

DVM S Eco Outdoor Units

SAMSUNG

DVM

DVM Technical Data Book

Outdoor Units

Contents

I. Products

II. Outdoor units

III. Capacity

DVM S Eco

I. Products

1 Outdoor units

1-1. Nomenclature

Model name

AM	040	F	X	M	D	E	H	/	EU
①	②	③	④	⑤	⑥	⑦	⑧		(Buyer)

① Classification

AM	DVM

② Capacity

x 1/10 HP (3 digits)

③ Version

E	2012
F	2013
G	2014

④ Product Type

X	Outdoor Unit
N	Indoor Unit

⑤ Feature1

M	DVM S Eco

⑥ Feature2

D	DELUXE (Basic)

⑦ Rating Voltage

E	1ø, 220~240V, 50Hz
G	3ø, 380~415V, 50Hz

⑧ Mode

H	Heat Pump

1-2. Line-up

	4HP	5HP	6HP
Model	AM040FXMDEH/EU AM040FXMDGH/EU	AM050FXMDEH/EU AM050FXMDGH/EU	AM060FXMDEH/EU AM060FXMDGH/EU
			

2-1. Nomenclature

Model name

AM	071	F	N	4	D	E	H	/	EU
①	②	③	④	⑤	⑥	⑦	⑧		(Buyer)

① Classification

AM	DVM

② Capacity

x 1/10 kW (3 digits)

③ Version

E	2012
F	2013
G	2014

④ Product Type

X	Outdoor Unit
N	Indoor Unit

⑤ Product Notation

1	1 way cassette
2	2 way cassette
N	4 way cassette (Interior)
4	4 way cassette
L	LSP Duct
M	MSP Duct
H	HSP Duct
C	Ceiling
J	Console
F	Floor Standing
T	NEO FORTE
Q	NEO FORTE (EEV)
B	HYDRO UNIT (Floor Standing)
K	FLAT(CEILING TYPE) VTL

⑥ Feature

D	DELUXE
F	FLAGSHIP
G (EHS)	CASCADE (EEV)

⑦ Rating Voltage

E	1ø, 220V, 50Hz / B
G	3ø, 380V, 50Hz / H

⑧ Mode

H	Heat Pump (R410a)

2 Indoor units

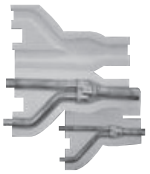
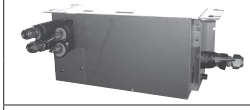
2-2. Line-up

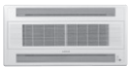
Type \ Capacity	2.2kW	2.8kW	3.6kW	4.5kW	5.6kW	6.0kW	7.1kW	9.0kW	11.2kW	12.8kW	14.0kW
1 way cassette											
2 way cassette											
4 way cassette											
4 way cassette (Interior)											
LSP duct											
MSP duct											
HSP duct											
Console											
Ceiling											
Neo Forte											
Neo Forte (E)											
Floor Standing											

3 Accessory

Classification		Product	Model	Image	Application model
Integrated management system	Controller	DMS 2	MIM-D00AN		DVM Eco
		S-NET 3	MST-P3P		DVM Eco
	Interface Module	PIM	MIM-B16N		DVM Eco ('13.07~)
Centralized control system	Controller	Centralized controller	MCM-A202DN		DVM Eco
		Operation mode selection switch	MCM-C200		DVM Eco
		New touch CONTROLLER	MCM-A300N		DVM Eco
Individual control system Controller	Controller	Wireless remote controller	MR-DH00		Cassette, Duct(Receiver needed)
		Wired remote controller (Multi function)	MWR-WE10N		Cassette, Wall-mounted, Ceiling, Duct, Console, ERV
		Wireless signal receiver	MRK-A10N		Duct (For wireless remote controller)
		Remote sensor	MRW-TA		Cassette, Wall-mounted, Ceiling, Duct, Console
		ERV CO_2 Sensor	MOS-C1		ERV, ERV PLUS
Building management system		Lonworks interface module	MIM-B18N		DVM Eco
		DMS-Bnet (BACnet)	MIM-B17N		DVM Eco
Guest room management system		External contact interface module	MIM-B14		DVM Eco
Converter		S-Net Pro	MIM-C02N		DVM Eco
		Communication	MIM-N00		DVM Eco (Nasa-No Nasa)
Multi Tenant Function Controller			MCM-C210		DVM Eco

3 Accessory

Classification	Feature	Model	Description	Relevant unit	Remark
Y-JOINT		MXJ-YA1509M	15.0 kW and below	DVM Eco HP / HR	Requisite
		MXJ-YA2512M	Over 15.0 ~ 40 kW and below		
Header joint		MXJ-HA2512M	Below 45 kW	DVM Eco HP / HR	Requisite
		MXJ-HA3115M	Below 67.2 kW		
		MXJ-HA3819M	Over 67.2 kW		
EEV kits		MXD-E24K132A	2 Indoor	Apply to products without EEV (Wall mount & Ceiling)	Option
		MXD-E24K200A			
		MXD-E32K200A			
		MXD-E24K232A	3 Indoor		
		MXD-E24K300A			
		MXD-E32K224A			
		MXD-E32K300A			
		MEV-E24SA	1 Indoor		
		MEV-E32SA			
		MDP-M075SGU1D	MSP Duct (9.0/11.2) kW	-	Option
		MDP-M075SGU2D	MSP Duct (12.8/14.0) kW		
		MDP-M075SGU3D	MSP Duct (5.6/7.1) kW		
		MDP-E075SEE3D	Duct (2.0~14.0)kW	-	
AHU KIT		MXD-K025AN	7.0kW~8.75kW	-	Option
		MXD-K050AN	14.0kW~17.5kW		

Classification	Feature	Model	Description	Relevant unit	Remark
S-Plasma Ion KIT		MSD-CAN1	4way Cassette	-	Option
		MSD-EAN1	ERV-Plus		
Motion detect sensor		MCR-SMA	4way Cassette (Interior)	-	Option
Front panel		PC1NUSMAN	1way cassette	-	Requisite
		PC1NUPMAN	1way cassette (Z-slide)		
		PC2NUSMEN	2 way cassette		
		PC4SUSMAN	4 way cassette (Interior) (Waffle)		
		PC4SUSMBN	4 way cassette (Interior) (Classic)		
		PC4NUSKAN	4 way cassette (Waffle)		
		PC4NUSKEN	4 way cassette (Classic)		
		PC4NBSKAN	4 way cassette (Waffle, Black)		

DVM S Eco

II. Outdoor units

1 Specifications

1-1. AM040/050/060FXMDEH/EU

Model Name				AM040FXMDEH/EU	AM050FXMDEH/EU	AM060FXMDEH/EU
Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1,2,220-240,50
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP		HP	4.00	5.00	6.00
	Capacity (Nominal)	Cooling	kW	12.10	14.00	15.50
			Btu/h	41,300	47,800	52,900
		Heating	kW	13.50	16.00	18.00
			Btu/h	46,100	54,600	61,400
Power	Power Input (Nominal)	Cooling[1)]	kW	2.89	3.68	4.31
		Heating[2)]		3.02	3.61	4.39
	Current Input (Nominal)	Cooling[1)]	A	14.00	17.80	21.00
		Heating[2)]		15.10	17.20	20.20
	MCA		A	22.00	24.00	32.00
	MFA		A	30.00	30.00	40.00
COP	Nominal Cooling [1)]		-	4.19	3.80	3.60
	Nominal Heating [2)]		-	4.47	4.43	4.10
Compressor	Type		-	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Output		kW × n	(4.12)	(4.12)	(4.12)
	Model Name		-	UG5T450FUEJXSG x 1	UG5T450FUEJXSG x 1	UG5T450FUEJXSG x 1
	Oil	Type	-	POE	POE	POE
		Initial Charge	cc	1700	1700	1700
Fan	Type		-	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC
	Output x n		W	125 x 2	125 x 2	125 x 2
	Air Flow Rate		CFM	100	100	100
			l/s	1,666.67	1,666.67	1,666.67
	External Static Pressure	Max.	mmAq	-	-	-
			Pa	-	-	-
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	9.52
			Ø, inch	3/8	3/8	3/8"
	Gas Pipe		Ø, mm	15.88	15.88	19.05
			Ø, inch	5/8	5/8	3/4"
	Installation Limitation	Max. Length	m	150(175)	150(175)	150(175)
		Max. Height	m	50(40)	50(40)	50(40)
Field Wiring	Power Source Wire		mm^2	-	-	-
	Transmission Cable		mm^2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	3.20	3.20	3.30
Sound	Sound Pressure		dB(A)	50.0	51.0	53.0
	Sound Power		-	66.0	67.0	69.0
External Dimension	Net Weight		kg	100.0	100.0	103.0
	Shipping Weight		kg	105.0	105.0	108.0
	Net Dimensions (WxHxD)		mm	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330
	Shipping Dimensions (WxHxD)		mm	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,388 x 426
Operating Temp. Range	Cooling		℃	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		℃	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0

1) Nominal Capacity are based on (Equivalent refrigerant piping : 7.5m , Level differences : 0m);
- Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
- Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB

2) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

3) Specifications are subject to change without prior notice for product improvement.

1-2. AM040/050/060FXMDGH/EU

Model Name				AM040FXMDGH/EU	AM050FXMDGH/EU	AM060FXMDGH/EU
Power Supply			Ø, #, V, Hz	3, 4, 380-415, 50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP		HP	4.00	5.00	6.00
	Capacity (Nominal)	Cooling	kW	12.10	14.00	15.50
			Btu/h	41,300	47,800	52,900
		Heating	kW	13.50	16.00	18.00
			Btu/h	46,100	54,600	61,400
Power	Power Input (Nominal)	Cooling[1)]	kW	2.89	3.68	4.31
		Heating[2)]		3.02	3.61	4.39
	Current Input (Nominal)	Cooling[1)]	A	4.80	6.20	7.30
		Heating[2)]		5.00	6.00	6.90
	MCA		A	12.00	13.00	14.00
	MFA		A	20.00	20.00	20.00
COP	Nominal Cooling [1)]		-	4.19	3.80	3.60
	Nominal Heating [2)]		-	4.47	4.43	4.10
Compressor	Type		-	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Output		kW × n	(4.12)	(4.12)	(4.12)
	Model Name		-	UG5T450FUFJXSG x 1	UG5T450FUFJXSG x 1	UG5T450FUFJXSG x 1
	Oil	Type	-	POE	POE	POE
		Initial Charge	cc	1700	1700	1700
Fan	Type		-	Propeller / BLDC	Propeller / BLDC	Propeller / BLDC
	Output x n		W	125 x 2	125 x 2	125 x 2
	Air Flow Rate		CFM	100	100	100
			l/s	1,666.67	1,666.67	1,666.67
	External Static Pressure	Max.	mmAq	-	-	-
			Pa	-	-	-
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	9.52
			Ø, inch	3/8	3/8"	3/8"
	Gas Pipe		Ø, mm	15.88	15.88	19.05
			Ø, inch	5/8	5/8"	3/4"
	Installation Limitation	Max. Length	m	150(175)	150(175)	150(175)
		Max. Height	m	50(40)	50(40)	50(40)
Field Wiring	Power Source Wire		mm^2	-	-	-
	Transmission Cable		mm^2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	3.20	3.20	3.30
Sound	Sound Pressure		dB(A)	50.0	51.0	53.0
	Sound Power		-	66.0	67.0	69.0
External Dimension	Net Weight		kg	100.0	100.0	103.0
	Shipping Weight		kg	105.0	105.0	108.0
	Net Dimensions (WxHxD)		mm	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330
	Shipping Dimensions (WxHxD)		mm	995 x 1,388 x 426	995 x 1,388 x 426	995 x 1,388 x 426
Operating Temp. Range	Cooling		℃	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		℃	-20.0 ~ 26.0	-20.0 ~ 26.0	-20.0 ~ 26.0

1) Nominal Capacity are based on (Equivalent refrigerant piping : 7.5m , Level differences : 0m);
- Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
- Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB

2) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

3) Specifications are subject to change without prior notice for product improvement.

2 Operation limit

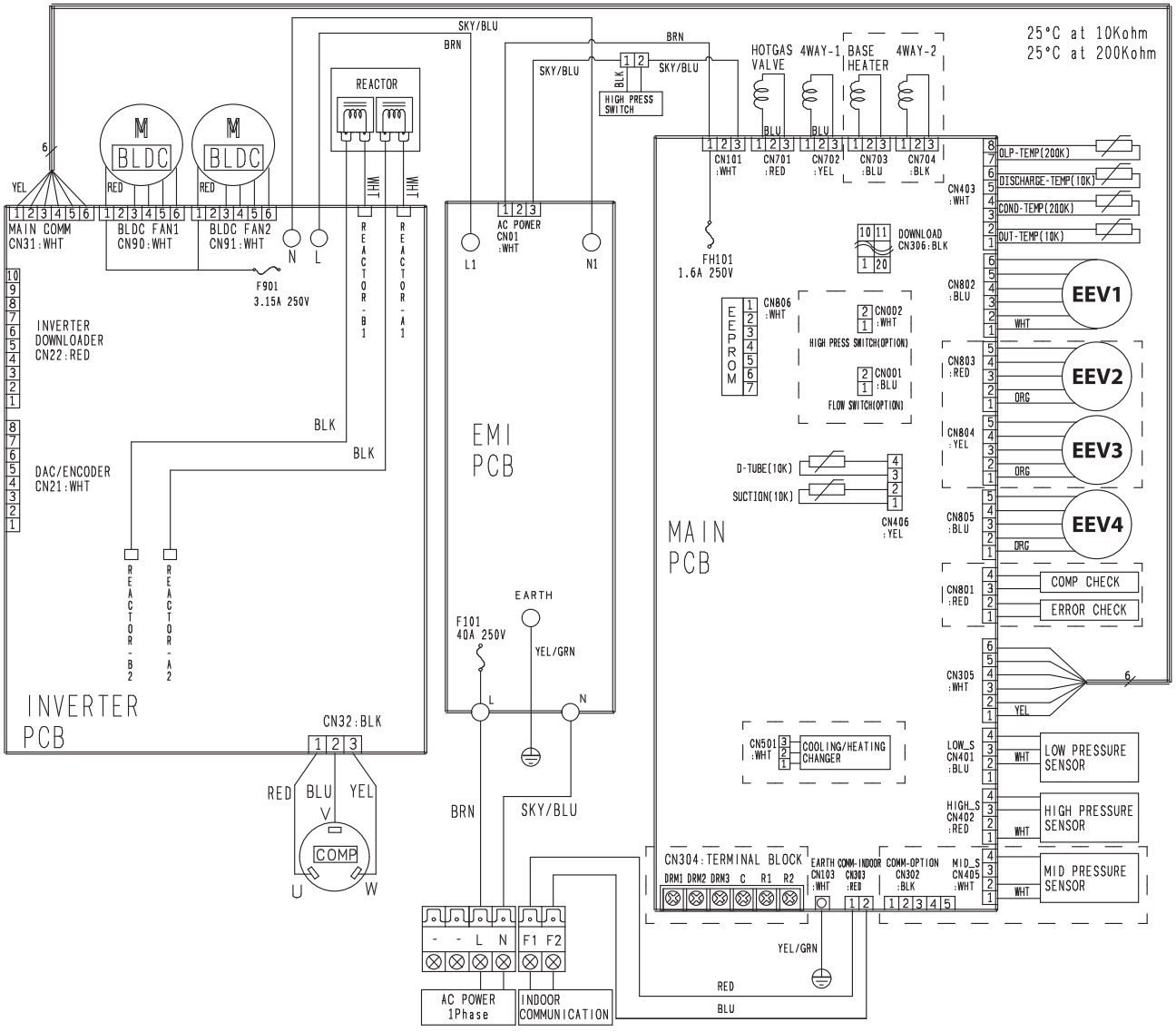
2-1. Operation Ranges

Mode	Outdoor Temperature (DB)	Indoor Temperature (DB)	Indoor Humidity (RH)
Cooling	-5°C ~ 48°C	18°C ~ 32°C	80% or less
Heating	-20°C ~ 26°C	27°C or less	

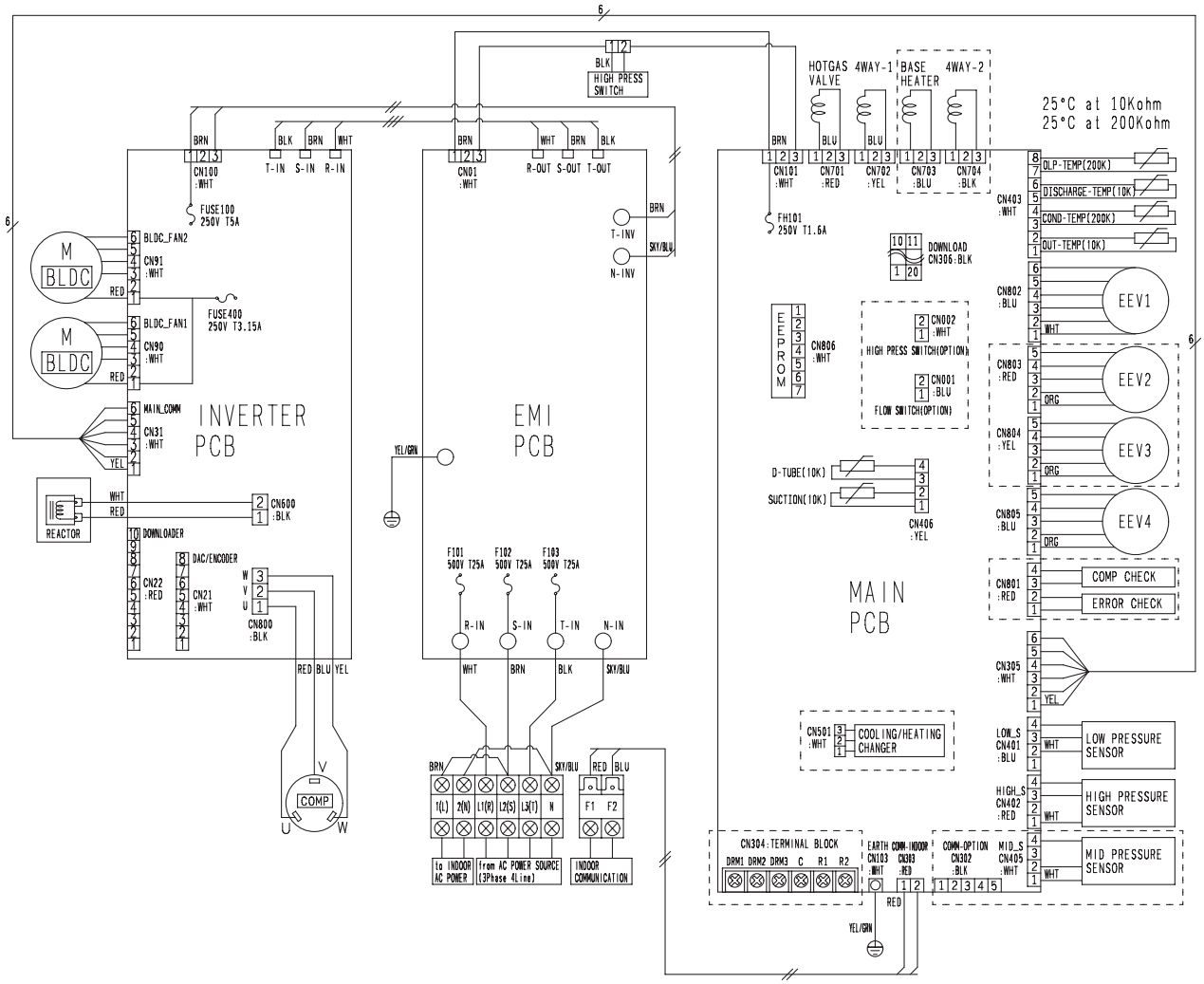
☑ *Note*

- ◆ 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.
  If the cooling operation is used at over 32°C DB, it does not cool at its full capacity.
- ◆ 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.

3-1. AM040/050/060FXMDEH/EU

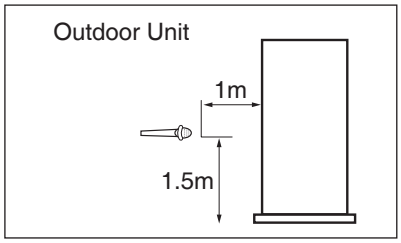


3-2. AM040/050/060FXMDGH/EU



4 Sound level

4-1. Sound pressure level



Unit: dB(A)

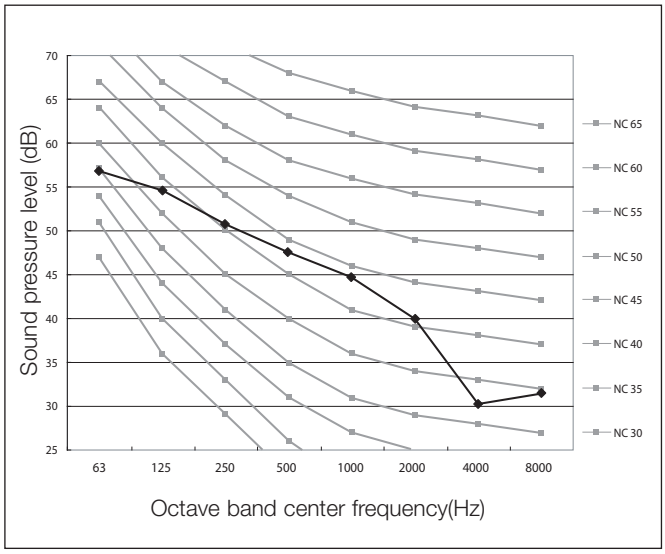
Model	Sound Pressure
AM040FXMDEH/EU AM040FXMDGH/EU	50
AM050FXMDEH/EU AM050FXMDGH/EU	51
AM060FXMDEH/EU AM060FXMDGH/EU	53

Note

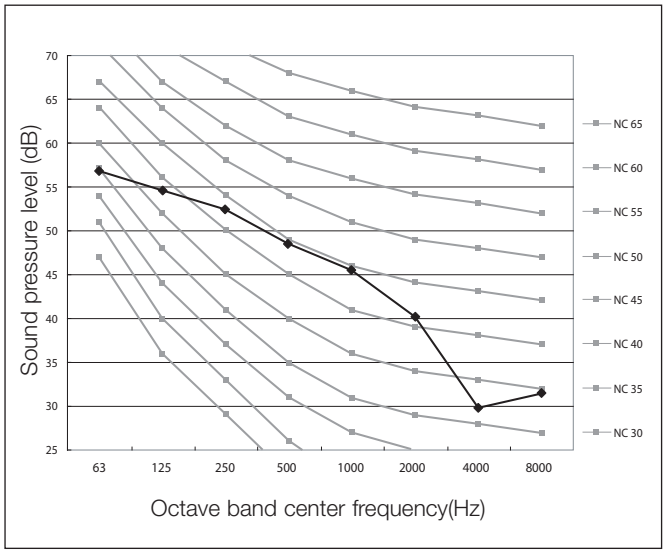
- ◆ Measuring place : Anechoic chamber (Conversion value)
- ◆ These operation sound value were obtained in a dead room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

4-2. NC curves

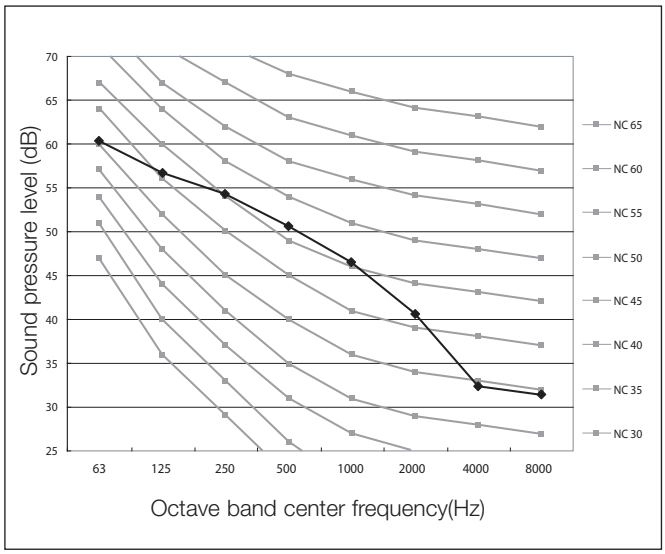
1) AM040FXMDEH/EU, AM040FXMDGH/EU



2) AM050FXMDEH/EU, AM050FXMDGH/EU



3) AM060FXMDEH/EU, AM060FXMDGH/EU



4-3. Sound Power

☑ *Note*

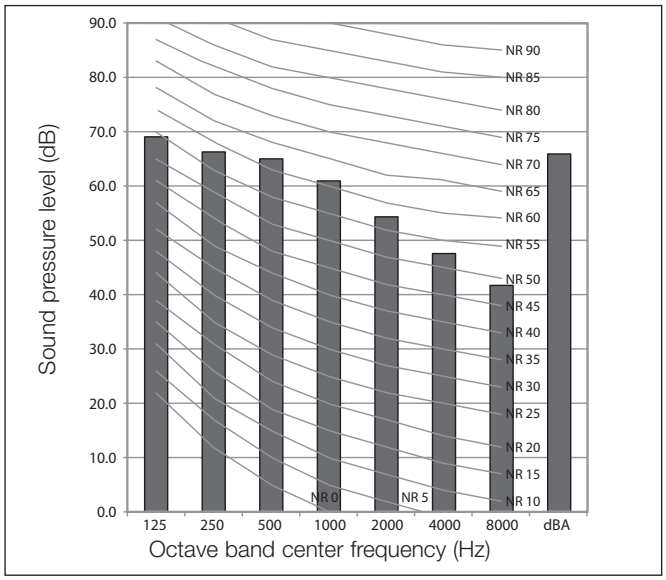
- ◆ dBA = A-weighted sound power level.
- ◆ Reference power : 1pW
- ◆ Measured according to ISO 3741.

Unit: dB(A)

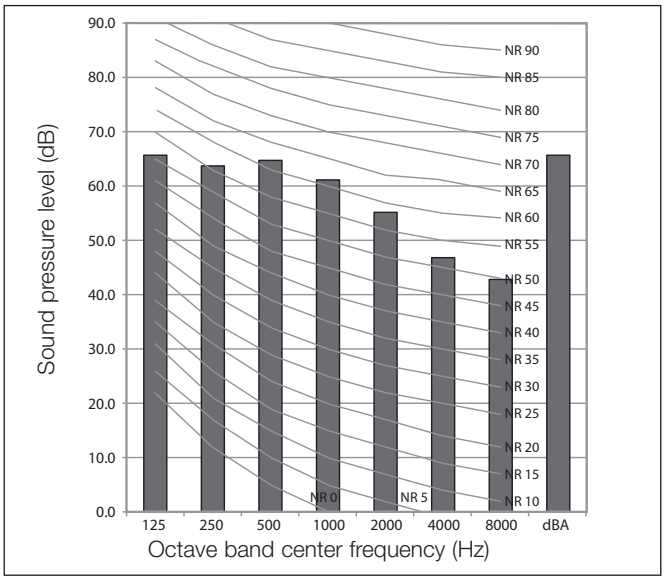
Model	Sound Power
AM040FXMDEH/EU AM040FXMDGH/EU	66
AM050FXMDEH/EU AM050FXMDGH/EU	67
AM060FXMDEH/EU AM060FXMDGH/EU	69

4-4. NR curves

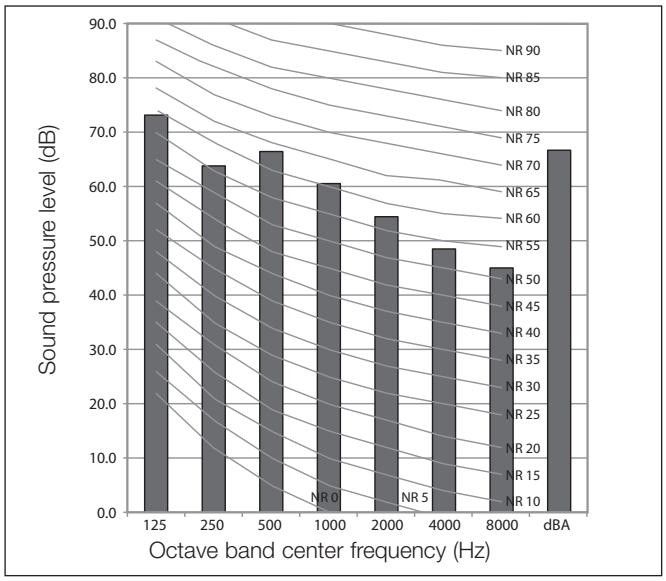
1) AM040FXMDEH/EU, AM040FXMDGH/EU



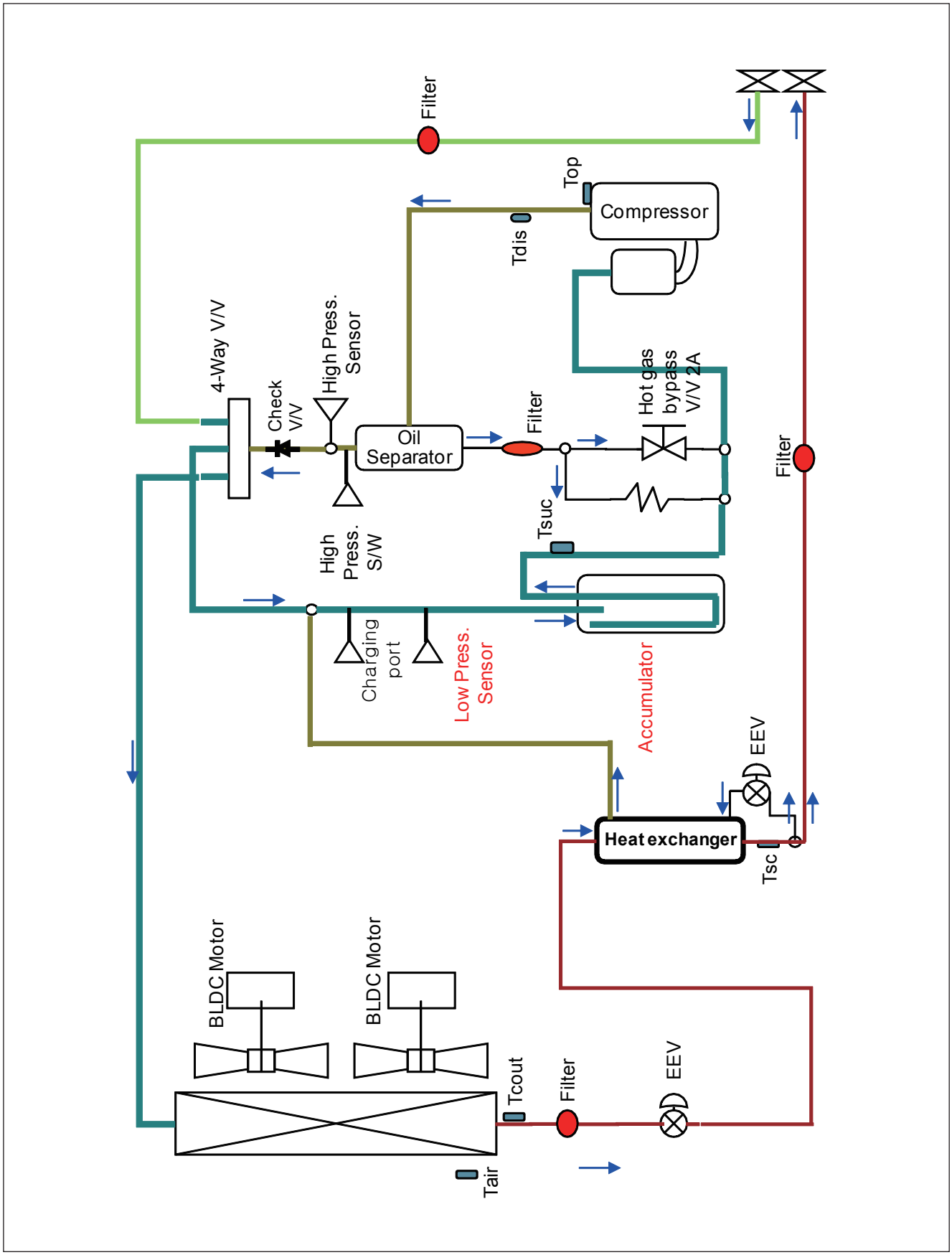
2) AM050FXMDEH/EU, AM050FXMDGH/EU



3) AM060FXMDEH/EU, AM060FXMDGH/EU



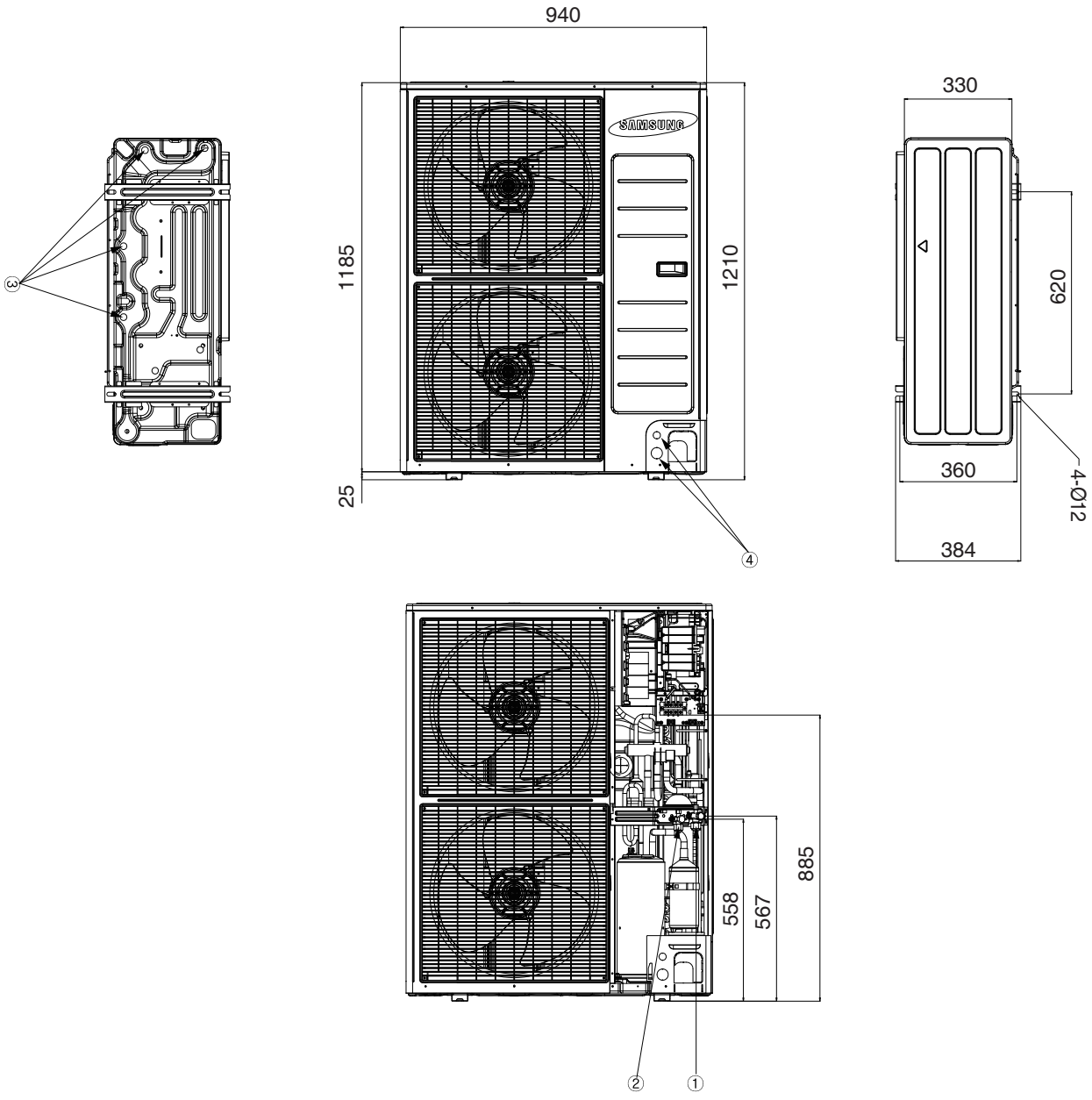
5-1. AM040/050/060FXMDEH/EU, AM040/050/060FXMDGH/EU



6 Dimensional drawing

6-1. AM040/050/060FXMDEH/EU, AM040/050/060FXMDGH/EU

Unit : mm



No.	Name		Description
①	Gas Ref. Pipe	Ø, mm	12.1, 14.0 kW : 15.88 15.5 kW : 19.05
②	Liquid Ref. Pipe	Ø, mm	9.52
③	Condensate Drain Holes	Ø, mm	20 x 4
④	Power & Communication Wiring Holes	Ø, mm	22.2 x 3 / 34.5 x 3

Ⅲ. Capacity table

1 Capacity table

1-1. AM040FXMDEH/EU, AM040FXMDGH/EU

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	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	10.8	1.32	12.8	1.62	14.9	1.92	16.0	2.07	16.8	2.18	17.2	2.09	17.5	1.99
	12	10.8	1.34	12.8	1.64	14.9	1.96	15.9	2.11	16.6	2.17	16.9	2.07	17.4	2.03
	14	10.8	1.37	12.8	1.68	14.9	1.99	15.9	2.15	16.3	2.15	16.7	2.14	17.1	2.15
	16	10.8	1.40	12.8	1.71	14.9	2.03	15.9	2.22	16.1	2.23	16.4	2.25	16.9	2.27
	18	10.8	1.42	12.8	1.74	14.9	2.17	15.6	2.33	15.8	2.34	16.2	2.36	16.6	2.38
	20	10.7	1.45	12.7	1.86	14.8	2.33	15.5	2.45	15.6	2.46	16.0	2.47	16.4	2.51
	21	10.7	1.49	12.7	1.92	14.8	2.42	15.3	2.51	15.5	2.52	15.9	2.54	16.3	2.56
	23	10.7	1.59	12.7	2.06	14.8	2.59	15.1	2.62	15.2	2.63	15.7	2.65	16.0	2.68
	25	10.7	1.71	12.7	2.21	14.6	2.72	14.9	2.73	15.1	2.75	15.4	2.77	15.8	2.80
	27	10.7	1.83	12.7	2.36	14.4	2.84	14.6	2.84	14.8	2.86	15.2	2.89	15.6	2.91
	29	10.7	1.95	12.7	2.52	14.2	2.94	14.4	2.96	14.6	2.98	14.9	3.01	15.4	3.03
	31	10.7	2.07	12.7	2.70	14.0	3.06	14.1	3.08	14.3	3.09	14.8	3.12	15.1	3.16
	33	10.7	2.21	12.7	2.88	13.7	3.18	14.0	3.20	14.1	3.21	14.5	3.24	14.9	3.27
	35	10.6	2.36	12.6	3.07	13.5	3.30	13.7	3.31	13.8	3.33	14.3	3.36	14.6	3.40
	37	10.3	2.51	12.2	3.27	12.8	3.41	13.1	3.43	13.2	3.45	13.6	3.49	14.0	3.52
	39	10.1	2.67	12.0	3.49	12.4	3.53	12.6	3.54	12.7	3.57	13.1	3.60	13.5	3.64
	42	10.1	2.84	12.0	3.71	12.2	3.65	12.3	3.66	12.5	3.68	13.0	3.72	13.2	3.76
	44	10.1	2.99	12.0	3.92	12.1	3.77	12.1	3.77	12.2	3.81	12.8	3.85	13.0	3.88
	46	10.1	3.16	12.0	4.14	11.9	3.90	11.8	3.89	12.0	3.93	12.6	3.97	12.7	4.00
120%	10	9.9	1.21	11.8	1.47	13.8	1.75	14.7	1.89	15.7	2.03	16.9	2.15	17.3	2.07
	12	9.9	1.23	11.8	1.50	13.8	1.78	14.7	1.92	15.7	2.07	16.7	2.14	17.0	2.05
	14	9.9	1.25	11.8	1.53	13.7	1.82	14.7	1.96	15.7	2.11	16.5	2.13	16.8	2.14
	16	9.9	1.27	11.8	1.55	13.7	1.85	14.7	2.01	15.7	2.17	16.2	2.24	16.5	2.25
	18	9.9	1.30	11.8	1.59	13.7	1.92	14.7	2.12	15.6	2.33	16.0	2.35	16.3	2.37
	20	9.9	1.32	11.8	1.65	13.7	2.06	14.7	2.29	15.4	2.44	15.7	2.47	16.1	2.48
	21	9.9	1.34	11.8	1.71	13.7	2.14	14.6	2.37	15.3	2.51	15.6	2.52	16.0	2.54
	23	9.8	1.43	11.8	1.83	13.7	2.29	14.6	2.54	15.0	2.62	15.4	2.64	15.8	2.66
	25	9.8	1.52	11.7	1.96	13.7	2.46	14.6	2.72	14.8	2.73	15.1	2.75	15.5	2.78
	27	9.8	1.63	11.7	2.10	13.6	2.62	14.3	2.84	14.5	2.84	15.0	2.87	15.3	2.89
	29	9.8	1.74	11.7	2.25	13.6	2.80	14.2	2.94	14.3	2.96	14.7	2.98	15.0	3.02
	31	9.8	1.85	11.7	2.39	13.6	3.00	13.9	3.06	14.1	3.07	14.5	3.10	14.8	3.13
	33	9.8	1.97	11.7	2.55	13.5	3.16	13.7	3.17	13.9	3.19	14.2	3.22	14.6	3.25
	35	9.8	2.10	11.7	2.72	13.2	3.27	13.4	3.29	13.7	3.31	14.0	3.34	14.3	3.37
	37	9.5	2.24	11.3	2.90	12.7	3.39	12.8	3.41	13.0	3.42	13.3	3.46	13.7	3.49
	39	9.3	2.38	11.1	3.09	12.2	3.51	12.4	3.53	12.6	3.54	12.9	3.58	13.2	3.61
	42	9.3	2.52	11.1	3.27	11.9	3.63	12.2	3.64	12.4	3.67	12.7	3.70	13.1	3.73
	44	9.3	2.66	11.1	3.46	11.7	3.75	12.1	3.75	12.2	3.79	12.6	3.82	12.9	3.86
	46	9.3	2.80	11.1	3.65	11.4	3.87	11.9	3.86	12.1	3.90	12.4	3.94	12.7	3.97
110%	10	9.1	1.09	10.9	1.34	12.6	1.59	13.5	1.71	14.4	1.84	16.1	2.10	16.9	2.14
	12	9.1	1.12	10.9	1.36	12.6	1.61	13.5	1.74	14.4	1.88	16.1	2.14	16.7	2.13
	14	9.1	1.13	10.9	1.38	12.6	1.64	13.5	1.78	14.4	1.92	16.1	2.18	16.5	2.13
	16	9.1	1.15	10.8	1.41	12.6	1.68	13.5	1.81	14.3	1.95	15.9	2.22	16.3	2.25
	18	9.1	1.18	10.8	1.44	12.6	1.71	13.5	1.86	14.3	2.05	15.7	2.33	16.0	2.36
	20	9.1	1.20	10.8	1.47	12.6	1.81	13.4	2.00	14.3	2.20	15.5	2.45	15.8	2.47
	21	9.1	1.22	10.8	1.51	12.6	1.87	13.4	2.07	14.3	2.29	15.3	2.51	15.7	2.52
	23	9.1	1.27	10.8	1.62	12.5	2.01	13.4	2.22	14.3	2.45	15.1	2.62	15.4	2.64
	25	9.0	1.36	10.8	1.74	12.5	2.15	13.4	2.38	14.3	2.62	14.9	2.73	15.2	2.76
	27	9.0	1.45	10.8	1.85	12.5	2.30	13.4	2.55	14.3	2.80	14.6	2.85	15.0	2.87
	29	9.0	1.55	10.8	1.97	12.5	2.47	13.4	2.73	14.1	2.94	14.4	2.97	14.8	2.98
	31	9.0	1.64	10.8	2.10	12.5	2.62	13.4	2.91	13.9	3.05	14.1	3.08	14.5	3.11
	33	9.0	1.74	10.8	2.25	12.5	2.80	13.4	3.11	13.6	3.16	14.0	3.20	14.3	3.22
	35	9.0	1.86	10.7	2.39	12.4	2.99	13.2	3.27	13.4	3.29	13.7	3.31	14.0	3.35
	37	8.7	1.97	10.4	2.54	12.1	3.19	12.6	3.39	12.7	3.40	13.1	3.43	13.4	3.46
	39	8.5	2.10	10.2	2.71	11.8	3.40	12.2	3.50	12.3	3.52	12.6	3.55	12.9	3.58
	42	8.5	2.23	10.2	2.88	11.8	3.60	12.0	3.62	12.2	3.63	12.5	3.68	12.6	3.69
	44	8.5	2.36	10.2	3.05	11.8	3.82	11.8	3.73	12.0	3.75	12.3	3.79	12.4	3.81
	46	8.5	2.48	10.2	3.21	11.8	4.02	11.7	3.85	11.8	3.86	12.2	3.91	12.2	3.92

Combi. (%)	Outdoor Temperature (°C)	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	8.3	0.99	9.9	1.19	11.5	1.41	12.3	1.53	13.1	1.65	14.6	1.88	16.3	2.12
	12	8.3	1.01	9.9	1.23	11.5	1.45	12.3	1.56	13.1	1.68	14.6	1.92	16.3	2.16
	14	8.3	1.02	9.9	1.24	11.5	1.47	12.3	1.59	13.0	1.71	14.6	1.96	16.2	2.19
	16	8.3	1.04	9.9	1.27	11.5	1.50	12.2	1.63	13.0	1.74	14.6	1.99	15.9	2.22
	18	8.3	1.06	9.9	1.29	11.4	1.53	12.2	1.66	13.0	1.78	14.6	2.10	15.7	2.33
	20	8.2	1.08	9.9	1.32	11.4	1.58	12.2	1.74	13.0	1.91	14.6	2.27	15.5	2.45
	21	8.2	1.09	9.9	1.33	11.4	1.63	12.2	1.80	13.0	1.97	14.6	2.35	15.3	2.51
	23	8.2	1.12	9.8	1.41	11.4	1.75	12.2	1.92	13.0	2.12	14.5	2.52	15.2	2.62
	25	8.2	1.19	9.8	1.52	11.4	1.87	12.2	2.07	13.0	2.27	14.5	2.70	14.9	2.74
	27	8.2	1.27	9.8	1.62	11.4	2.00	12.2	2.21	13.0	2.43	14.3	2.84	14.7	2.85
	29	8.2	1.36	9.8	1.73	11.4	2.14	12.2	2.36	12.9	2.59	14.2	2.94	14.4	2.97
	31	8.2	1.45	9.8	1.84	11.4	2.29	12.2	2.52	12.9	2.77	13.9	3.06	14.2	3.08
	33	8.2	1.54	9.8	1.96	11.4	2.43	12.1	2.69	12.9	2.96	13.7	3.17	14.0	3.20
	35	8.2	1.63	9.8	2.08	11.3	2.59	12.1	2.89	12.9	3.16	13.4	3.29	13.7	3.31
	37	7.9	1.74	9.5	2.21	11.0	2.76	11.7	3.05	12.5	3.36	12.8	3.41	13.1	3.44
	39	7.8	1.84	9.3	2.36	10.8	2.94	11.5	3.26	12.1	3.49	12.3	3.53	12.6	3.55
	42	7.8	1.95	9.3	2.50	10.8	3.12	11.5	3.46	11.9	3.63	12.1	3.64	12.5	3.67
	44	7.8	2.06	9.3	2.64	10.8	3.31	11.5	3.66	11.7	3.77	11.8	3.75	12.3	3.78
	46	7.8	2.16	9.3	2.78	10.8	3.49	11.5	3.86	11.6	3.90	11.6	3.86	12.2	3.90
90%	10	7.5	0.89	8.9	1.07	10.4	1.26	11.1	1.36	11.8	1.46	13.2	1.66	14.6	1.88
	12	7.5	0.90	8.9	1.08	10.3	1.28	11.0	1.38	11.7	1.49	13.2	1.70	14.6	1.92
	14	7.4	0.91	8.8	1.11	10.3	1.31	11.0	1.41	11.7	1.52	13.2	1.74	14.6	1.96
	16	7.4	0.93	8.8	1.13	10.3	1.33	11.0	1.44	11.7	1.55	13.2	1.77	14.6	1.99
	18	7.4	0.95	8.8	1.15	10.3	1.36	11.0	1.46	11.7	1.58	13.2	1.80	14.6	2.10
	20	7.4	0.97	8.8	1.17	10.3	1.38	11.0	1.50	11.7	1.64	13.2	1.93	14.6	2.26
	21	7.4	0.97	8.8	1.18	10.3	1.41	11.0	1.55	11.7	1.69	13.2	2.01	14.6	2.34
	23	7.4	1.00	8.8	1.23	10.3	1.50	11.0	1.66	11.7	1.81	13.2	2.15	14.5	2.52
	25	7.4	1.04	8.8	1.31	10.3	1.61	11.0	1.77	11.7	1.94	13.1	2.30	14.5	2.70
	27	7.4	1.12	8.8	1.40	10.3	1.72	11.0	1.89	11.7	2.07	13.1	2.47	14.3	2.84
	29	7.4	1.18	8.8	1.49	10.3	1.83	10.9	2.02	11.6	2.21	13.1	2.63	14.2	2.94
	31	7.4	1.26	8.8	1.59	10.2	1.96	10.9	2.15	11.6	2.36	13.1	2.81	13.9	3.06
	33	7.4	1.34	8.8	1.69	10.2	2.09	10.9	2.29	11.6	2.52	13.1	3.00	13.7	3.17
	35	7.3	1.41	8.7	1.80	10.2	2.22	10.9	2.45	11.6	2.69	13.1	3.20	13.4	3.29
	37	7.1	1.50	8.5	1.92	9.9	2.36	10.6	2.62	11.2	2.87	12.6	3.38	12.8	3.41
	39	7.0	1.59	8.3	2.03	9.7	2.52	10.3	2.78	11.0	3.05	12.1	3.49	12.3	3.53
	42	7.0	1.69	8.3	2.14	9.7	2.67	10.3	2.94	11.0	3.24	11.8	3.61	12.1	3.64
	44	7.0	1.78	8.3	2.25	9.7	2.83	10.3	3.12	11.0	3.43	11.6	3.72	11.8	3.75
	46	7.0	1.88	8.3	2.37	9.7	2.98	10.3	3.28	11.0	3.62	11.3	3.84	11.6	3.86
80%	10	6.6	0.79	7.9	0.94	9.2	1.10	9.8	1.19	10.4	1.27	11.8	1.45	13.0	1.64
	12	6.6	0.80	7.9	0.95	9.2	1.12	9.8	1.21	10.4	1.30	11.7	1.48	13.0	1.67
	14	6.6	0.81	7.9	0.97	9.2	1.15	9.8	1.23	10.4	1.32	11.7	1.51	13.0	1.70
	16	6.6	0.82	7.9	1.00	9.2	1.17	9.8	1.26	10.4	1.35	11.7	1.55	12.9	1.74
	18	6.6	0.84	7.9	1.01	9.2	1.19	9.8	1.28	10.4	1.37	11.7	1.57	12.9	1.77
	20	6.6	0.86	7.9	1.03	9.2	1.21	9.8	1.31	10.4	1.41	11.7	1.63	12.9	1.89
	21	6.6	0.86	7.9	1.04	9.2	1.23	9.8	1.32	10.4	1.43	11.7	1.69	12.9	1.96
	23	6.6	0.88	7.9	1.05	9.1	1.28	9.8	1.41	10.4	1.53	11.7	1.81	12.9	2.10
	25	6.6	0.90	7.8	1.13	9.1	1.37	9.7	1.50	10.4	1.64	11.7	1.93	12.9	2.25
	27	6.6	0.96	7.8	1.20	9.1	1.46	9.7	1.60	10.3	1.75	11.7	2.07	12.9	2.41
	29	6.6	1.02	7.8	1.27	9.1	1.55	9.7	1.71	10.3	1.87	11.6	2.21	12.9	2.58
	31	6.6	1.08	7.8	1.36	9.1	1.66	9.7	1.82	10.3	1.99	11.6	2.36	12.8	2.75
	33	6.6	1.15	7.8	1.45	9.1	1.77	9.7	1.94	10.3	2.12	11.6	2.51	12.8	2.94
	35	6.5	1.23	7.8	1.53	9.1	1.88	9.7	2.07	10.3	2.26	11.6	2.68	12.8	3.13
	37	6.3	1.30	7.6	1.63	8.8	2.00	9.4	2.20	10.0	2.40	11.2	2.85	12.4	3.35
	39	6.2	1.37	7.4	1.73	8.6	2.12	9.2	2.33	9.8	2.57	11.0	3.04	12.1	3.49
	42	6.2	1.45	7.4	1.83	8.6	2.25	9.2	2.47	9.8	2.73	11.0	3.23	12.0	3.65
	44	6.2	1.54	7.4	1.92	8.6	2.36	9.2	2.62	9.8	2.89	11.0	3.42	11.9	3.81
	46	6.2	1.62	7.4	2.03	8.6	2.48	9.2	2.76	9.8	3.05	11.0	3.60	11.8	3.96

1 Capacity table

1-1. AM040FXMDEH/EU, AM040FXMDGH/EU

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	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	5.8	0.69	6.9	0.82	8.0	0.95	8.6	1.03	9.1	1.10	10.3	1.25	11.4	1.41
	12	5.8	0.70	6.9	0.83	8.0	0.97	8.6	1.04	9.1	1.12	10.3	1.27	11.4	1.43
	14	5.8	0.71	6.9	0.85	8.0	0.99	8.6	1.07	9.1	1.14	10.2	1.30	11.4	1.45
	16	5.8	0.72	6.9	0.86	8.0	1.01	8.6	1.08	9.1	1.16	10.2	1.32	11.4	1.49
	18	5.8	0.73	6.9	0.88	8.0	1.03	8.6	1.10	9.1	1.18	10.2	1.35	11.4	1.52
	20	5.8	0.75	6.9	0.90	8.0	1.04	8.6	1.13	9.1	1.21	10.2	1.37	11.3	1.55
	21	5.8	0.75	6.9	0.90	8.0	1.05	8.5	1.13	9.1	1.23	10.2	1.40	11.3	1.62
	23	5.8	0.76	6.9	0.92	8.0	1.08	8.5	1.18	9.1	1.27	10.2	1.50	11.3	1.74
	25	5.8	0.78	6.9	0.95	8.0	1.15	8.5	1.26	9.0	1.37	10.2	1.59	11.3	1.85
	27	5.7	0.82	6.9	1.01	8.0	1.23	8.5	1.34	9.0	1.45	10.2	1.70	11.3	1.98
	29	5.7	0.87	6.9	1.08	8.0	1.30	8.5	1.42	9.0	1.55	10.2	1.82	11.3	2.11
	31	5.7	0.93	6.8	1.15	8.0	1.39	8.5	1.52	9.0	1.65	10.2	1.94	11.3	2.25
	33	5.7	0.99	6.8	1.22	7.9	1.48	8.5	1.61	9.0	1.76	10.1	2.07	11.3	2.40
	35	5.7	1.04	6.8	1.29	7.9	1.56	8.5	1.71	9.0	1.87	10.1	2.20	11.2	2.56
	37	5.5	1.10	6.6	1.37	7.7	1.66	8.2	1.82	8.7	1.99	9.8	2.34	10.9	2.73
	39	5.4	1.17	6.5	1.45	7.5	1.77	8.0	1.93	8.5	2.11	9.6	2.49	10.7	2.91
	42	5.4	1.23	6.5	1.53	7.5	1.87	8.0	2.05	8.5	2.25	9.6	2.64	10.7	3.09
	44	5.4	1.30	6.5	1.61	7.5	1.96	8.0	2.16	8.5	2.37	9.6	2.79	10.7	3.27
	46	5.4	1.37	6.5	1.69	7.5	2.07	8.0	2.28	8.5	2.50	9.6	2.94	10.7	3.45
60%	10	5.0	0.60	5.9	0.71	6.9	0.81	7.4	0.87	7.8	0.93	8.8	1.05	9.7	1.18
	12	5.0	0.61	5.9	0.71	6.9	0.82	7.4	0.89	7.8	0.95	8.8	1.08	9.7	1.20
	14	5.0	0.62	5.9	0.72	6.9	0.85	7.4	0.90	7.8	0.97	8.8	1.09	9.7	1.23
	16	5.0	0.62	5.9	0.74	6.9	0.86	7.3	0.92	7.8	0.98	8.7	1.12	9.7	1.25
	18	5.0	0.64	5.9	0.75	6.9	0.87	7.3	0.93	7.8	1.00	8.7	1.13	9.7	1.27
	20	5.0	0.64	5.9	0.76	6.9	0.89	7.3	0.95	7.8	1.02	8.7	1.15	9.7	1.30
	21	4.9	0.65	5.9	0.77	6.8	0.90	7.3	0.96	7.8	1.03	8.7	1.17	9.7	1.31
	23	4.9	0.67	5.9	0.79	6.8	0.91	7.3	0.98	7.8	1.04	8.7	1.22	9.7	1.40
	25	4.9	0.67	5.9	0.80	6.8	0.95	7.3	1.03	7.8	1.12	8.7	1.30	9.7	1.49
	27	4.9	0.70	5.9	0.85	6.8	1.01	7.3	1.09	7.8	1.19	8.7	1.38	9.7	1.59
	29	4.9	0.74	5.9	0.90	6.8	1.08	7.3	1.17	7.8	1.26	8.7	1.47	9.6	1.69
	31	4.9	0.79	5.9	0.95	6.8	1.14	7.3	1.24	7.8	1.34	8.7	1.56	9.6	1.81
	33	4.9	0.82	5.9	1.01	6.8	1.21	7.3	1.32	7.8	1.43	8.7	1.66	9.6	1.92
	35	4.9	0.87	5.8	1.07	6.8	1.28	7.3	1.40	7.7	1.52	8.6	1.77	9.6	2.05
	37	4.8	0.93	5.7	1.13	6.6	1.37	7.0	1.48	7.5	1.61	8.4	1.88	9.3	2.18
	39	4.7	0.98	5.5	1.19	6.4	1.45	6.9	1.57	7.3	1.71	8.2	2.00	9.1	2.32
	42	4.7	1.04	5.5	1.26	6.4	1.52	6.9	1.66	7.3	1.81	8.2	2.11	9.1	2.46
	44	4.7	1.08	5.5	1.32	6.4	1.60	6.9	1.74	7.3	1.92	8.2	2.23	9.1	2.60
	46	4.7	1.14	5.5	1.37	6.4	1.69	6.9	1.83	7.3	2.01	8.2	2.34	9.1	2.74
50%	10	4.1	0.52	4.9	0.60	5.7	0.68	6.1	0.72	6.5	0.77	7.3	0.87	8.1	0.97
	12	4.1	0.53	4.9	0.60	5.7	0.69	6.1	0.74	6.5	0.79	7.3	0.89	8.1	0.99
	14	4.1	0.53	4.9	0.62	5.7	0.71	6.1	0.75	6.5	0.80	7.3	0.90	8.1	1.00
	16	4.1	0.53	4.9	0.62	5.7	0.71	6.1	0.76	6.5	0.81	7.3	0.91	8.1	1.02
	18	4.1	0.54	4.9	0.63	5.7	0.72	6.1	0.78	6.5	0.82	7.3	0.93	8.1	1.04
	20	4.1	0.55	4.9	0.64	5.7	0.74	6.1	0.79	6.5	0.84	7.3	0.95	8.1	1.06
	21	4.1	0.56	4.9	0.65	5.7	0.75	6.1	0.80	6.5	0.85	7.3	0.96	8.1	1.07
	23	4.1	0.57	4.9	0.66	5.7	0.76	6.1	0.81	6.5	0.86	7.3	0.97	8.1	1.09
	25	4.1	0.57	4.9	0.67	5.7	0.77	6.1	0.82	6.5	0.90	7.3	1.03	8.1	1.17
	27	4.1	0.58	4.9	0.69	5.7	0.81	6.1	0.88	6.5	0.95	7.3	1.08	8.1	1.24
	29	4.1	0.62	4.9	0.73	5.7	0.86	6.1	0.93	6.5	1.01	7.3	1.16	8.1	1.32
	31	4.1	0.65	4.9	0.78	5.7	0.92	6.1	1.00	6.5	1.07	7.3	1.23	8.1	1.41
	33	4.1	0.68	4.9	0.82	5.7	0.97	6.1	1.05	6.5	1.13	7.3	1.31	8.0	1.50
	35	4.1	0.72	4.9	0.87	5.7	1.03	6.1	1.12	6.4	1.20	7.2	1.39	8.0	1.59
	37	4.0	0.76	4.7	0.92	5.5	1.08	5.9	1.18	6.3	1.27	7.0	1.48	7.8	1.69
	39	3.9	0.81	4.6	0.97	5.4	1.15	5.7	1.25	6.1	1.35	6.9	1.56	7.6	1.79
	42	3.9	0.85	4.6	1.03	5.4	1.23	5.7	1.32	6.1	1.42	6.9	1.65	7.6	1.89
	44	3.9	0.89	4.6	1.08	5.4	1.29	5.7	1.38	6.1	1.50	6.9	1.74	7.6	1.99
	46	3.9	0.93	4.6	1.13	5.4	1.36	5.7	1.45	6.1	1.57	6.9	1.83	7.6	2.10

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			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	-21	11.4	3.58	11.4	3.73	11.2	3.87	11.2	4.02	11.2	4.17
	-17	-18	12.3	3.81	12.3	3.95	12.2	4.08	12.2	4.22	12.2	4.35
	-15	-16	13.0	4.06	13.0	4.18	13.0	4.31	12.9	4.44	12.9	4.56
	-12	-13	13.7	4.17	13.7	4.30	13.7	4.42	13.6	4.54	13.6	4.67
	-10	-11	14.4	4.28	14.4	4.40	14.4	4.52	14.4	4.64	14.2	4.76
	-7	-8	15.6	4.28	15.5	4.39	15.5	4.50	15.5	4.61	15.5	4.69
	-5	-6	16.2	4.37	16.2	4.47	16.1	4.57	16.1	4.67	15.8	4.61
	-3	-4	16.9	4.23	16.8	4.33	16.8	4.41	16.8	4.51	15.8	4.16
	0	-1	17.9	4.34	17.9	4.41	17.8	4.51	16.9	4.22	15.8	3.86
	3	2.2	18.9	4.41	18.8	4.50	18.1	4.29	16.9	3.94	15.8	3.60
	5	4.1	19.6	4.47	19.2	4.45	18.1	4.11	16.9	3.78	15.8	3.45
	7	6	20.1	4.47	19.2	4.22	18.1	3.89	16.9	3.58	15.8	3.28
	9	7.9	20.4	4.33	19.2	4.01	18.1	3.70	16.9	3.41	15.8	3.13
	11	9.8	20.4	4.15	19.2	3.86	18.1	3.56	16.9	3.29	15.8	3.01
	13	12	20.4	3.99	19.2	3.70	18.1	3.42	16.9	3.16	15.8	2.90
	15	14	20.4	3.85	19.2	3.57	18.1	3.30	16.9	3.05	15.8	2.80
120%	-20	-21	11.2	3.79	11.2	3.92	11.2	4.06	11.2	4.18	11.1	4.33
	-17	-18	12.3	3.99	12.2	4.12	12.2	4.24	12.2	4.36	12.2	4.49
	-15	-16	13.0	4.23	12.9	4.35	12.9	4.47	12.9	4.59	12.9	4.71
	-12	-13	13.7	4.34	13.7	4.45	13.6	4.56	13.6	4.68	13.6	4.80
	-10	-11	14.4	4.44	14.4	4.54	14.2	4.66	14.2	4.77	14.2	4.88
	-7	-8	15.5	4.42	15.5	4.53	15.5	4.63	15.5	4.71	14.6	4.39
	-5	-6	16.1	4.51	16.1	4.59	16.1	4.68	15.6	4.55	14.6	4.14
	-3	-4	16.8	4.35	16.8	4.43	16.7	4.49	15.6	4.11	14.6	3.75
	0	-1	17.8	4.44	17.8	4.50	16.7	4.15	15.6	3.82	14.6	3.48
	3	2.2	18.8	4.52	17.8	4.20	16.7	3.87	15.6	3.56	14.6	3.26
	5	4.1	18.8	4.34	17.8	4.01	16.7	3.71	15.6	3.41	14.6	3.13
	7	6	18.8	4.11	17.8	3.81	16.7	3.52	15.6	3.25	14.6	2.98
	9	7.9	18.8	3.89	17.8	3.62	16.7	3.35	15.6	3.08	14.6	2.83
	11	9.8	18.8	3.75	17.8	3.48	16.7	3.22	15.6	2.98	14.6	2.73
	13	12	18.8	3.60	17.8	3.35	16.7	3.11	15.6	2.87	14.6	2.63
	15	14	18.8	3.47	17.8	3.24	16.7	3.00	15.6	2.77	14.6	2.55
110%	-20	-21	11.2	3.98	11.2	4.10	11.2	4.23	11.1	4.35	11.1	4.48
	-17	-18	12.2	4.17	12.2	4.28	12.2	4.40	12.2	4.51	12.1	4.63
	-15	-16	12.9	4.40	12.9	4.51	12.9	4.63	12.9	4.73	12.8	4.84
	-12	-13	13.6	4.51	13.6	4.62	13.6	4.71	13.6	4.82	13.3	4.81
	-10	-11	14.4	4.61	14.2	4.70	14.2	4.80	14.2	4.90	13.3	4.51
	-7	-8	15.5	4.57	15.5	4.66	15.3	4.68	14.4	4.30	13.3	3.94
	-5	-6	16.1	4.64	16.1	4.71	15.3	4.43	14.4	4.07	13.3	3.72
	-3	-4	16.8	4.48	16.2	4.35	15.3	4.01	14.4	3.69	13.3	3.38
	0	-1	17.2	4.34	16.2	4.02	15.3	3.72	14.4	3.42	13.3	3.13
	3	2.2	17.2	4.03	16.2	3.75	15.3	3.47	14.4	3.20	13.3	2.92
	5	4.1	17.2	3.87	16.2	3.59	15.3	3.32	14.4	3.07	13.3	2.82
	7	6	17.2	3.68	16.2	3.42	15.3	3.16	14.4	2.92	13.3	2.67
	9	7.9	17.2	3.49	16.2	3.25	15.3	3.01	14.4	2.78	13.3	2.56
	11	9.8	17.2	3.37	16.2	3.13	15.3	2.90	14.4	2.69	13.3	2.46
	13	12	17.2	3.24	16.2	3.01	15.3	2.79	14.4	2.58	13.3	2.37
	15	14	17.2	3.13	16.2	2.91	15.3	2.70	14.4	2.49	13.3	2.30

1 Capacity table

1-1. AM040FXMDEH/EU, AM040FXMDGH/EU

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			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
100 %	-20	-21	11.2	3.95	11.1	4.07	11.1	4.16	11.1	4.28	11.1	4.38
	-17	-18	12.2	4.12	12.2	4.22	12.1	4.31	12.1	4.41	12.1	4.50
	-15	-16	12.9	4.34	12.9	4.43	12.9	4.52	12.8	4.62	12.1	4.31
	-12	-13	13.6	4.43	13.6	4.51	13.3	4.61	13.0	4.42	12.1	4.03
	-10	-11	14.2	4.50	14.2	4.58	13.5	4.51	13.0	4.14	12.1	3.79
	-7	-8	15.5	4.45	14.8	4.26	13.5	3.93	13.0	3.60	12.1	3.30
	-5	-6	15.7	4.34	14.8	4.01	13.5	3.71	13.0	3.41	12.1	3.13
	-3	-4	15.7	3.92	14.8	3.65	13.5	3.49	13.0	3.10	12.1	2.84
	0	-1	15.7	3.63	14.8	3.38	13.5	3.37	13.0	2.88	12.1	2.65
	3	2.2	15.7	3.40	14.8	3.16	13.5	3.25	13.0	2.70	12.1	2.48
	5	4.1	15.7	3.25	14.8	3.02	13.5	3.17	13.0	2.59	12.1	2.38
	7	6	15.7	3.10	14.8	2.88	13.5	3.02	13.0	2.47	12.1	2.28
	9	7.9	15.7	2.94	14.8	2.74	13.8	2.86	13.0	2.35	12.1	2.17
	11	9.8	15.7	2.84	14.8	2.64	13.8	2.67	13.0	2.27	12.1	2.09
	13	12	15.7	2.73	14.8	2.55	13.8	2.42	13.0	2.19	12.1	2.03
	15	14	15.7	2.63	14.8	2.46	13.8	2.29	13.0	2.11	12.1	1.96
90%	-20	-21	11.1	4.38	11.1	4.48	11.1	4.57	11.1	4.68	10.9	4.66
	-17	-18	12.1	4.53	12.1	4.63	12.1	4.71	11.7	4.55	10.9	4.15
	-15	-16	12.9	4.76	12.8	4.84	12.6	4.75	11.7	4.36	10.9	3.98
	-12	-13	13.6	4.84	13.3	4.81	12.6	4.43	11.7	4.08	10.9	3.73
	-10	-11	14.1	4.86	13.3	4.50	12.6	4.16	11.7	3.83	10.9	3.52
	-7	-8	14.1	4.23	13.3	3.93	12.6	3.62	11.7	3.34	10.9	3.06
	-5	-6	14.1	4.00	13.3	3.71	12.6	3.43	11.7	3.17	10.9	2.91
	-3	-4	14.1	3.62	13.3	3.37	12.6	3.12	11.7	2.88	10.9	2.64
	0	-1	14.1	3.37	13.3	3.13	12.6	2.90	11.7	2.69	10.9	2.46
	3	2.2	14.1	3.15	13.3	2.92	12.6	2.72	11.7	2.51	10.9	2.32
	5	4.1	14.1	3.02	13.3	2.82	12.6	2.61	11.7	2.43	10.9	2.23
	7	6	14.1	2.87	13.3	2.67	12.6	2.49	11.7	2.31	10.9	2.12
	9	7.9	14.1	2.74	13.3	2.56	12.6	2.37	11.7	2.20	10.9	2.03
	11	9.8	14.1	2.64	13.3	2.46	12.6	2.30	11.7	2.12	10.9	1.96
	13	12	14.1	2.55	13.3	2.37	12.6	2.22	11.7	2.05	10.9	1.90
	15	14	14.1	2.46	13.3	2.30	12.6	2.14	11.7	1.98	10.9	1.84
80%	-20	-21	11.1	4.57	11.1	4.66	11.1	4.76	10.4	4.39	9.7	4.00
	-17	-18	12.1	4.71	11.8	4.62	11.1	4.26	10.4	3.92	9.7	3.58
	-15	-16	12.6	4.77	11.8	4.41	11.1	4.09	10.4	3.75	9.7	3.44
	-12	-13	12.6	4.45	11.8	4.13	11.1	3.82	10.4	3.53	9.7	3.22
	-10	-11	12.6	4.18	11.8	3.88	11.1	3.59	10.4	3.31	9.7	3.04
	-7	-8	12.6	3.65	11.8	3.40	11.1	3.14	10.4	2.90	9.7	2.67
	-5	-6	12.6	3.45	11.8	3.21	11.1	2.98	10.4	2.76	9.7	2.53
	-3	-4	12.6	3.13	11.8	2.92	11.1	2.71	10.4	2.50	9.7	2.31
	0	-1	12.6	2.92	11.8	2.72	11.1	2.52	10.4	2.34	9.7	2.16
	3	2.2	12.6	2.73	11.8	2.55	11.1	2.37	10.4	2.20	9.7	2.03
	5	4.1	12.6	2.62	11.8	2.45	11.1	2.29	10.4	2.12	9.7	1.96
	7	6	12.6	2.50	11.8	2.34	11.1	2.18	10.4	2.02	9.7	1.87
	9	7.9	12.6	2.38	11.8	2.22	11.1	2.08	10.4	1.93	9.7	1.78
	11	9.8	12.6	2.31	11.8	2.16	11.1	2.01	10.4	1.87	9.7	1.74
	13	12	12.6	2.22	11.8	2.08	11.1	1.94	10.4	1.80	9.7	1.67
	15	14	12.6	2.15	11.8	2.01	11.1	1.88	10.4	1.75	9.7	1.62

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			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
70 %	-20	-21	11.0	4.70	10.4	4.36	9.7	4.02	9.1	3.70	8.5	3.40
	-17	-18	11.0	4.20	10.4	3.89	9.7	3.59	9.1	3.32	8.5	3.04
	-15	-16	11.0	4.01	10.4	3.73	9.7	3.45	9.1	3.19	8.5	2.92
	-12	-13	11.0	3.76	10.4	3.49	9.7	3.25	9.1	3.00	8.5	2.75
	-10	-11	11.0	3.54	10.4	3.29	9.7	3.06	9.1	2.83	8.5	2.60
	-7	-8	11.0	3.10	10.4	2.88	9.7	2.69	9.1	2.48	8.5	2.29
	-5	-6	11.0	2.93	10.4	2.74	9.7	2.55	9.1	2.36	8.5	2.18
	-3	-4	11.0	2.66	10.4	2.49	9.7	2.32	9.1	2.15	8.5	1.98
	0	-1	11.0	2.48	10.4	2.32	9.7	2.17	9.1	2.01	8.5	1.86
	3	2.2	11.0	2.33	10.4	2.19	9.7	2.04	9.1	1.90	8.5	1.76
	5	4.1	11.0	2.25	10.4	2.10	9.7	1.96	9.1	1.82	8.5	1.69
	7	6	11.0	2.15	10.4	2.01	9.7	1.88	9.1	1.75	8.5	1.62
	9	7.9	11.0	2.05	10.4	1.92	9.7	1.79	9.1	1.67	8.5	1.55
	11	9.8	11.0	1.97	10.4	1.86	9.7	1.74	9.1	1.62	8.5	1.50
	13	12	11.0	1.91	10.4	1.79	9.7	1.68	9.1	1.56	8.5	1.46
	15	14	11.0	1.86	10.4	1.74	9.7	1.63	9.1	1.51	8.5	1.41
60%	-20	-21	9.4	3.86	8.9	3.58	8.3	3.33	7.8	3.07	7.3	2.82
	-17	-18	9.4	3.46	8.9	3.21	8.3	2.99	7.8	2.76	7.3	2.53
	-15	-16	9.4	3.32	8.9	3.10	8.3	2.87	7.8	2.66	7.3	2.46
	-12	-13	9.4	3.12	8.9	2.90	8.3	2.71	7.8	2.50	7.3	2.31
	-10	-11	9.4	2.93	8.9	2.74	8.3	2.56	7.8	2.36	7.3	2.19
	-7	-8	9.4	2.58	8.9	2.41	8.3	2.24	7.8	2.09	7.3	1.93
	-5	-6	9.4	2.45	8.9	2.29	8.3	2.15	7.8	2.00	7.3	1.84
	-3	-4	9.4	2.23	8.9	2.09	8.3	1.95	7.8	1.82	7.3	1.67
	0	-1	9.4	2.09	8.9	1.96	8.3	1.82	7.8	1.70	7.3	1.57
	3	2.2	9.4	1.97	8.9	1.84	8.3	1.73	7.8	1.61	7.3	1.50
	5	4.1	9.4	1.90	8.9	1.78	8.3	1.66	7.8	1.55	7.3	1.45
	7	6	9.4	1.81	8.9	1.70	8.3	1.59	7.8	1.49	7.3	1.38
	9	7.9	9.4	1.74	8.9	1.62	8.3	1.52	7.8	1.42	7.3	1.33
	11	9.8	9.4	1.67	8.9	1.57	8.3	1.48	7.8	1.38	7.3	1.28
	13	12	9.4	1.62	8.9	1.52	8.3	1.42	7.8	1.34	7.3	1.25
	15	14	9.4	1.57	8.9	1.49	8.3	1.38	7.8	1.29	7.3	1.21
50%	-20	-21	7.8	3.08	7.4	2.88	7.0	2.67	6.5	2.47	6.1	2.28
	-17	-18	7.8	2.77	7.4	2.59	7.0	2.41	6.5	2.23	6.1	2.07
	-15	-16	7.8	2.67	7.4	2.50	7.0	2.33	6.5	2.17	6.1	2.01
	-12	-13	7.8	2.52	7.4	2.35	7.0	2.20	6.5	2.05	6.1	1.90
	-10	-11	7.8	2.37	7.4	2.22	7.0	2.08	6.5	1.94	6.1	1.79
	-7	-8	7.8	2.10	7.4	1.97	7.0	1.83	6.5	1.71	6.1	1.59
	-5	-6	7.8	2.01	7.4	1.88	7.0	1.76	6.5	1.63	6.1	1.53
	-3	-4	7.8	1.82	7.4	1.71	7.0	1.61	6.5	1.50	6.1	1.39
	0	-1	7.8	1.70	7.4	1.61	7.0	1.50	6.5	1.41	6.1	1.32
	3	2.2	7.8	1.62	7.4	1.52	7.0	1.42	6.5	1.34	6.1	1.24
	5	4.1	7.8	1.55	7.4	1.47	7.0	1.38	6.5	1.29	6.1	1.20
	7	6	7.8	1.49	7.4	1.41	7.0	1.32	6.5	1.24	6.1	1.16
	9	7.9	7.8	1.43	7.4	1.35	7.0	1.26	6.5	1.19	6.1	1.11
	11	9.8	7.8	1.38	7.4	1.31	7.0	1.23	6.5	1.15	6.1	1.08
	13	12	7.8	1.35	7.4	1.26	7.0	1.20	6.5	1.12	6.1	1.05
	15	14	7.8	1.31	7.4	1.24	7.0	1.15	6.5	1.09	6.1	1.01

1-2. AM050FXMDEH/EU, AM050FXMDGH/EU

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	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	12.5	1.68	14.8	2.06	17.3	2.44	18.5	2.64	19.4	2.78	19.9	2.66	20.3	2.53
	12	12.5	1.71	14.8	2.09	17.2	2.50	18.5	2.69	19.2	2.76	19.6	2.64	20.1	2.59
	14	12.5	1.74	14.8	2.14	17.2	2.54	18.4	2.74	18.8	2.74	19.4	2.72	19.8	2.74
	16	12.5	1.78	14.8	2.18	17.2	2.59	18.4	2.83	18.6	2.84	19.0	2.86	19.5	2.89
	18	12.4	1.81	14.8	2.22	17.2	2.76	18.1	2.97	18.3	2.98	18.8	3.01	19.2	3.03
	20	12.4	1.85	14.8	2.37	17.2	2.97	17.9	3.12	18.1	3.13	18.5	3.15	19.0	3.19
	21	12.4	1.90	14.7	2.45	17.2	3.08	17.7	3.19	18.0	3.21	18.4	3.23	18.9	3.26
	23	12.4	2.03	14.7	2.62	17.1	3.30	17.4	3.33	17.6	3.35	18.1	3.38	18.6	3.41
	25	12.4	2.18	14.7	2.81	16.9	3.46	17.2	3.48	17.4	3.50	17.8	3.53	18.3	3.56
	27	12.4	2.33	14.7	3.01	16.7	3.61	16.9	3.62	17.1	3.64	17.6	3.68	18.0	3.71
	29	12.4	2.48	14.7	3.21	16.4	3.75	16.7	3.77	16.9	3.80	17.3	3.83	17.8	3.86
	31	12.4	2.64	14.7	3.44	16.2	3.90	16.4	3.92	16.6	3.94	17.1	3.97	17.5	4.02
	33	12.3	2.82	14.6	3.67	15.9	4.05	16.2	4.07	16.4	4.09	16.8	4.13	17.3	4.17
	35	12.3	3.00	14.6	3.91	15.6	4.20	15.8	4.21	16.0	4.24	16.5	4.28	16.9	4.33
	37	11.9	3.20	14.2	4.17	14.8	4.34	15.1	4.37	15.3	4.39	15.7	4.44	16.2	4.48
	39	11.7	3.40	13.9	4.44	14.4	4.50	14.5	4.51	14.7	4.54	15.2	4.59	15.6	4.63
	42	11.7	3.61	13.9	4.72	14.2	4.65	14.3	4.66	14.4	4.69	15.0	4.74	15.3	4.79
	44	11.7	3.81	13.9	4.99	14.0	4.80	14.0	4.80	14.2	4.85	14.8	4.90	15.0	4.94
	46	11.7	4.02	13.9	5.27	13.8	4.96	13.7	4.95	13.9	5.00	14.6	5.05	14.7	5.09
120%	10	11.5	1.54	13.7	1.87	15.9	2.23	17.1	2.41	18.2	2.59	19.6	2.74	20.0	2.63
	12	11.5	1.56	13.7	1.91	15.9	2.27	17.0	2.45	18.2	2.64	19.3	2.73	19.7	2.61
	14	11.5	1.59	13.7	1.95	15.9	2.32	17.0	2.50	18.1	2.69	19.0	2.71	19.5	2.73
	16	11.4	1.62	13.7	1.98	15.9	2.36	17.0	2.56	18.1	2.76	18.7	2.85	19.1	2.87
	18	11.4	1.66	13.7	2.03	15.9	2.44	17.0	2.70	18.1	2.97	18.5	2.99	18.9	3.02
	20	11.4	1.68	13.6	2.10	15.9	2.62	17.0	2.91	17.8	3.11	18.2	3.14	18.6	3.16
	21	11.4	1.70	13.6	2.18	15.8	2.72	17.0	3.02	17.7	3.19	18.1	3.21	18.5	3.24
	23	11.4	1.82	13.6	2.33	15.8	2.91	16.9	3.23	17.3	3.33	17.8	3.36	18.2	3.39
	25	11.4	1.94	13.6	2.50	15.8	3.13	16.9	3.46	17.1	3.48	17.5	3.50	17.9	3.54
	27	11.4	2.08	13.6	2.68	15.8	3.34	16.6	3.61	16.8	3.62	17.3	3.65	17.7	3.68
	29	11.4	2.21	13.6	2.86	15.8	3.57	16.4	3.75	16.6	3.77	17.0	3.80	17.4	3.84
	31	11.4	2.36	13.6	3.04	15.8	3.82	16.1	3.90	16.3	3.91	16.8	3.95	17.2	3.98
	33	11.3	2.51	13.5	3.25	15.7	4.03	15.9	4.04	16.1	4.06	16.5	4.10	16.9	4.14
	35	11.3	2.68	13.5	3.46	15.3	4.17	15.5	4.19	15.8	4.21	16.2	4.25	16.6	4.29
	37	11.0	2.85	13.1	3.69	14.7	4.32	14.8	4.34	15.0	4.36	15.4	4.40	15.8	4.44
	39	10.7	3.03	12.8	3.93	14.1	4.47	14.4	4.49	14.5	4.51	14.9	4.56	15.3	4.60
	42	10.7	3.21	12.8	4.17	13.8	4.62	14.2	4.63	14.4	4.67	14.7	4.71	15.1	4.75
	44	10.7	3.39	12.8	4.41	13.5	4.78	14.0	4.78	14.2	4.82	14.5	4.86	14.9	4.91
	46	10.7	3.56	12.8	4.65	13.2	4.93	13.8	4.92	14.0	4.97	14.4	5.02	14.7	5.06
110%	10	10.6	1.39	12.6	1.70	14.6	2.02	15.6	2.18	16.7	2.34	18.7	2.68	19.6	2.73
	12	10.6	1.42	12.6	1.73	14.6	2.05	15.6	2.22	16.6	2.39	18.7	2.73	19.4	2.71
	14	10.5	1.44	12.6	1.76	14.6	2.09	15.6	2.27	16.6	2.44	18.6	2.78	19.0	2.71
	16	10.5	1.47	12.6	1.80	14.6	2.14	15.6	2.31	16.6	2.48	18.4	2.83	18.8	2.86
	18	10.5	1.50	12.5	1.83	14.6	2.18	15.6	2.37	16.6	2.61	18.2	2.97	18.5	3.00
	20	10.5	1.53	12.5	1.87	14.5	2.31	15.6	2.55	16.6	2.80	17.9	3.12	18.3	3.15
	21	10.5	1.55	12.5	1.92	14.5	2.38	15.5	2.64	16.6	2.91	17.8	3.19	18.2	3.21
	23	10.5	1.62	12.5	2.06	14.5	2.56	15.5	2.83	16.5	3.12	17.4	3.33	17.8	3.36
	25	10.5	1.73	12.5	2.21	14.5	2.74	15.5	3.03	16.5	3.34	17.2	3.48	17.6	3.51
	27	10.5	1.84	12.5	2.35	14.5	2.93	15.5	3.25	16.5	3.57	16.9	3.63	17.3	3.66
	29	10.5	1.97	12.5	2.51	14.5	3.14	15.5	3.47	16.3	3.74	16.7	3.78	17.1	3.80
	31	10.4	2.09	12.5	2.68	14.5	3.34	15.5	3.71	16.1	3.89	16.4	3.92	16.8	3.96
	33	10.4	2.22	12.4	2.86	14.4	3.57	15.5	3.96	15.8	4.03	16.2	4.07	16.6	4.10
	35	10.4	2.37	12.4	3.04	14.4	3.81	15.3	4.17	15.5	4.19	15.8	4.22	16.2	4.26
	37	10.1	2.51	12.0	3.24	14.0	4.06	14.6	4.32	14.7	4.33	15.1	4.37	15.5	4.41
	39	9.9	2.68	11.8	3.45	13.7	4.33	14.1	4.46	14.3	4.48	14.6	4.52	14.9	4.56
	42	9.9	2.84	11.8	3.67	13.7	4.59	13.9	4.61	14.1	4.62	14.4	4.68	14.6	4.70
	44	9.9	3.00	11.8	3.88	13.7	4.86	13.7	4.75	13.9	4.77	14.3	4.83	14.4	4.85
	46	9.9	3.16	11.8	4.09	13.7	5.12	13.5	4.90	13.7	4.92	14.1	4.98	14.1	4.99

Combi. (%)	Outdoor Temperature (°C)	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	9.6	1.26	11.5	1.52	13.3	1.80	14.2	1.95	15.1	2.10	17.0	2.40	18.9	2.70
	12	9.6	1.28	11.5	1.56	13.3	1.84	14.2	1.99	15.1	2.14	16.9	2.44	18.9	2.75
	14	9.6	1.30	11.5	1.58	13.3	1.87	14.2	2.03	15.1	2.18	16.9	2.49	18.7	2.79
	16	9.6	1.32	11.4	1.62	13.3	1.91	14.2	2.07	15.1	2.22	16.9	2.54	18.4	2.83
	18	9.6	1.35	11.4	1.64	13.2	1.95	14.2	2.11	15.1	2.27	16.9	2.68	18.2	2.97
	20	9.5	1.38	11.4	1.68	13.2	2.01	14.1	2.21	15.1	2.43	16.9	2.89	17.9	3.12
	21	9.5	1.39	11.4	1.69	13.2	2.08	14.1	2.29	15.0	2.51	16.9	2.99	17.8	3.20
	23	9.5	1.43	11.4	1.80	13.2	2.23	14.1	2.45	15.0	2.70	16.8	3.21	17.5	3.34
	25	9.5	1.52	11.4	1.93	13.2	2.38	14.1	2.63	15.0	2.89	16.8	3.44	17.2	3.49
	27	9.5	1.62	11.4	2.06	13.2	2.55	14.1	2.81	15.0	3.09	16.6	3.61	17.0	3.63
	29	9.5	1.73	11.4	2.20	13.2	2.72	14.1	3.01	15.0	3.30	16.4	3.75	16.7	3.78
	31	9.5	1.84	11.4	2.34	13.2	2.91	14.1	3.21	15.0	3.53	16.1	3.90	16.5	3.92
	33	9.5	1.96	11.3	2.49	13.1	3.09	14.0	3.42	14.9	3.77	15.9	4.04	16.2	4.08
	35	9.5	2.08	11.3	2.65	13.1	3.30	14.0	3.68	14.9	4.02	15.5	4.19	15.9	4.22
	37	9.2	2.21	11.0	2.82	12.7	3.51	13.6	3.89	14.5	4.28	14.8	4.34	15.1	4.38
	39	9.0	2.34	10.7	3.00	12.5	3.74	13.3	4.15	14.0	4.45	14.3	4.49	14.6	4.52
	42	9.0	2.48	10.7	3.18	12.5	3.97	13.3	4.40	13.8	4.62	14.0	4.63	14.4	4.67
	44	9.0	2.62	10.7	3.36	12.5	4.21	13.3	4.66	13.6	4.80	13.7	4.78	14.3	4.81
	46	9.0	2.75	10.7	3.54	12.5	4.44	13.3	4.92	13.4	4.97	13.4	4.92	14.1	4.96
90%	10	8.6	1.13	10.3	1.36	12.0	1.61	12.8	1.73	13.6	1.86	15.3	2.12	17.0	2.39
	12	8.6	1.15	10.2	1.38	12.0	1.63	12.8	1.76	13.6	1.90	15.3	2.16	16.9	2.44
	14	8.6	1.16	10.2	1.41	12.0	1.67	12.8	1.80	13.6	1.93	15.3	2.21	16.9	2.49
	16	8.6	1.19	10.2	1.44	11.9	1.69	12.8	1.83	13.6	1.97	15.3	2.25	16.9	2.53
	18	8.6	1.21	10.2	1.46	11.9	1.73	12.7	1.86	13.6	2.01	15.3	2.29	16.9	2.68
	20	8.6	1.23	10.2	1.49	11.9	1.76	12.7	1.91	13.5	2.09	15.3	2.46	16.9	2.88
	21	8.6	1.24	10.2	1.50	11.9	1.80	12.7	1.97	13.5	2.15	15.2	2.56	16.9	2.98
	23	8.6	1.27	10.2	1.56	11.9	1.91	12.7	2.11	13.5	2.31	15.2	2.74	16.8	3.21
	25	8.6	1.33	10.2	1.67	11.9	2.05	12.7	2.26	13.5	2.47	15.2	2.93	16.8	3.44
	27	8.6	1.42	10.2	1.78	11.9	2.19	12.7	2.41	13.5	2.64	15.2	3.14	16.6	3.61
	29	8.5	1.50	10.2	1.90	11.9	2.33	12.7	2.57	13.5	2.82	15.2	3.35	16.4	3.75
	31	8.5	1.61	10.1	2.03	11.9	2.49	12.7	2.74	13.5	3.01	15.2	3.58	16.1	3.90
	33	8.5	1.70	10.1	2.15	11.8	2.66	12.6	2.92	13.4	3.21	15.2	3.82	15.9	4.04
	35	8.5	1.80	10.1	2.29	11.8	2.83	12.6	3.12	13.4	3.43	15.1	4.08	15.5	4.19
	37	8.3	1.91	9.8	2.44	11.5	3.01	12.2	3.33	13.0	3.65	14.6	4.31	14.8	4.34
	39	8.1	2.03	9.6	2.58	11.2	3.21	12.0	3.54	12.7	3.89	14.0	4.45	14.3	4.49
	42	8.1	2.15	9.6	2.73	11.2	3.40	12.0	3.75	12.7	4.13	13.7	4.60	14.0	4.63
	44	8.1	2.27	9.6	2.87	11.2	3.60	12.0	3.97	12.7	4.37	13.4	4.74	13.7	4.78
	46	8.1	2.39	9.6	3.02	11.2	3.80	12.0	4.18	12.7	4.61	13.1	4.89	13.4	4.92
80%	10	7.7	1.00	9.2	1.20	10.7	1.40	11.4	1.51	12.1	1.62	13.6	1.85	15.0	2.09
	12	7.7	1.02	9.2	1.21	10.7	1.43	11.4	1.54	12.1	1.66	13.6	1.89	15.0	2.13
	14	7.7	1.03	9.1	1.24	10.6	1.46	11.4	1.57	12.1	1.68	13.6	1.92	15.0	2.17
	16	7.7	1.05	9.1	1.27	10.6	1.49	11.3	1.60	12.0	1.72	13.6	1.97	15.0	2.21
	18	7.6	1.07	9.1	1.28	10.6	1.51	11.3	1.63	12.0	1.75	13.6	2.00	15.0	2.26
	20	7.6	1.09	9.1	1.31	10.6	1.54	11.3	1.67	12.0	1.79	13.5	2.08	15.0	2.41
	21	7.6	1.09	9.1	1.32	10.6	1.56	11.3	1.68	12.0	1.82	13.5	2.15	14.9	2.50
	23	7.6	1.12	9.1	1.34	10.6	1.63	11.3	1.79	12.0	1.95	13.5	2.30	14.9	2.68
	25	7.6	1.15	9.1	1.44	10.6	1.74	11.3	1.91	12.0	2.09	13.5	2.46	14.9	2.87
	27	7.6	1.22	9.1	1.53	10.6	1.86	11.3	2.04	12.0	2.23	13.5	2.63	14.9	3.07
	29	7.6	1.30	9.1	1.62	10.6	1.98	11.3	2.18	12.0	2.38	13.5	2.81	14.9	3.28
	31	7.6	1.38	9.1	1.73	10.5	2.11	11.2	2.32	12.0	2.54	13.5	3.00	14.9	3.50
	33	7.6	1.47	9.1	1.84	10.5	2.25	11.2	2.47	11.9	2.70	13.4	3.20	14.8	3.74
	35	7.6	1.56	9.0	1.95	10.5	2.39	11.2	2.63	11.9	2.88	13.4	3.41	14.8	3.99
	37	7.3	1.65	8.8	2.07	10.2	2.55	10.9	2.80	11.5	3.06	13.0	3.63	14.4	4.26
	39	7.2	1.75	8.6	2.20	10.0	2.70	10.6	2.97	11.3	3.27	12.7	3.87	14.0	4.45
	42	7.2	1.85	8.6	2.33	10.0	2.86	10.6	3.15	11.3	3.47	12.7	4.11	13.9	4.65
	44	7.2	1.96	8.6	2.45	10.0	3.01	10.6	3.33	11.3	3.68	12.7	4.35	13.8	4.85
	46	7.2	2.06	8.6	2.58	10.0	3.16	10.6	3.51	11.3	3.88	12.7	4.59	13.7	5.04

1-2. AM050FXMDEH/EU, AM050FXMDGH/EU

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	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	6.7	0.88	8.0	1.04	9.3	1.21	10.0	1.31	10.6	1.40	11.9	1.59	13.2	1.79
	12	6.7	0.89	8.0	1.06	9.3	1.24	9.9	1.33	10.6	1.43	11.9	1.62	13.2	1.82
	14	6.7	0.91	8.0	1.08	9.3	1.26	9.9	1.36	10.5	1.45	11.9	1.65	13.2	1.85
	16	6.7	0.92	8.0	1.09	9.3	1.28	9.9	1.38	10.5	1.48	11.8	1.68	13.2	1.90
	18	6.7	0.93	8.0	1.12	9.3	1.31	9.9	1.40	10.5	1.50	11.8	1.72	13.1	1.93
	20	6.7	0.95	8.0	1.14	9.3	1.33	9.9	1.44	10.5	1.54	11.8	1.75	13.1	1.98
	21	6.7	0.96	8.0	1.15	9.2	1.34	9.9	1.44	10.5	1.56	11.8	1.78	13.1	2.06
	23	6.7	0.97	8.0	1.17	9.2	1.37	9.9	1.50	10.5	1.62	11.8	1.91	13.1	2.21
	25	6.7	0.99	8.0	1.21	9.2	1.46	9.9	1.60	10.5	1.74	11.8	2.03	13.1	2.36
	27	6.7	1.05	7.9	1.29	9.2	1.56	9.9	1.70	10.5	1.85	11.8	2.17	13.1	2.52
	29	6.6	1.11	7.9	1.38	9.2	1.66	9.9	1.81	10.5	1.97	11.8	2.32	13.1	2.69
	31	6.6	1.18	7.9	1.46	9.2	1.77	9.8	1.93	10.4	2.10	11.8	2.47	13.1	2.87
	33	6.6	1.26	7.9	1.55	9.2	1.88	9.8	2.05	10.4	2.24	11.7	2.63	13.0	3.06
	35	6.6	1.32	7.9	1.64	9.2	1.99	9.8	2.18	10.4	2.38	11.7	2.80	13.0	3.26
	37	6.4	1.40	7.7	1.74	8.9	2.12	9.5	2.32	10.1	2.53	11.4	2.98	12.6	3.47
	39	6.3	1.49	7.5	1.85	8.7	2.25	9.3	2.46	9.9	2.69	11.1	3.17	12.4	3.70
	42	6.3	1.57	7.5	1.95	8.7	2.38	9.3	2.61	9.9	2.86	11.1	3.36	12.4	3.93
	44	6.3	1.66	7.5	2.05	8.7	2.50	9.3	2.75	9.9	3.02	11.1	3.55	12.4	4.16
	46	6.3	1.74	7.5	2.15	8.7	2.63	9.3	2.90	9.9	3.18	11.1	3.74	12.4	4.39
60%	10	5.8	0.76	6.9	0.90	8.0	1.03	8.5	1.11	9.1	1.19	10.2	1.34	11.3	1.50
	12	5.8	0.78	6.9	0.91	8.0	1.05	8.5	1.13	9.1	1.21	10.1	1.37	11.3	1.53
	14	5.7	0.79	6.9	0.92	8.0	1.08	8.5	1.15	9.1	1.23	10.1	1.39	11.2	1.56
	16	5.7	0.79	6.8	0.94	7.9	1.09	8.5	1.17	9.1	1.25	10.1	1.42	11.2	1.59
	18	5.7	0.81	6.8	0.96	7.9	1.11	8.5	1.19	9.1	1.27	10.1	1.44	11.2	1.62
	20	5.7	0.82	6.8	0.97	7.9	1.13	8.5	1.21	9.0	1.30	10.1	1.47	11.2	1.65
	21	5.7	0.83	6.8	0.98	7.9	1.14	8.5	1.22	9.0	1.31	10.1	1.49	11.2	1.67
	23	5.7	0.85	6.8	1.00	7.9	1.16	8.5	1.25	9.0	1.33	10.1	1.55	11.2	1.78
	25	5.7	0.85	6.8	1.02	7.9	1.21	8.5	1.31	9.0	1.42	10.1	1.65	11.2	1.90
	27	5.7	0.89	6.8	1.08	7.9	1.28	8.5	1.39	9.0	1.51	10.1	1.76	11.2	2.03
	29	5.7	0.94	6.8	1.15	7.9	1.37	8.4	1.49	9.0	1.61	10.1	1.87	11.2	2.15
	31	5.7	1.00	6.8	1.21	7.9	1.45	8.4	1.58	9.0	1.71	10.0	1.99	11.1	2.30
	33	5.7	1.05	6.8	1.28	7.9	1.54	8.4	1.68	9.0	1.82	10.0	2.12	11.1	2.44
	35	5.7	1.11	6.8	1.36	7.9	1.63	8.4	1.78	9.0	1.93	10.0	2.26	11.1	2.61
	37	5.5	1.18	6.6	1.44	7.6	1.74	8.2	1.89	8.7	2.05	9.7	2.40	10.8	2.77
	39	5.4	1.25	6.4	1.52	7.5	1.84	8.0	2.00	8.5	2.18	9.5	2.55	10.6	2.95
	42	5.4	1.32	6.4	1.60	7.5	1.94	8.0	2.11	8.5	2.31	9.5	2.69	10.6	3.13
	44	5.4	1.38	6.4	1.68	7.5	2.04	8.0	2.22	8.5	2.44	9.5	2.84	10.6	3.31
	46	5.4	1.45	6.4	1.75	7.5	2.15	8.0	2.33	8.5	2.56	9.5	2.98	10.6	3.49
50%	10	4.8	0.66	5.7	0.76	6.6	0.87	7.1	0.92	7.6	0.98	8.5	1.11	9.4	1.23
	12	4.8	0.67	5.7	0.77	6.6	0.88	7.1	0.94	7.6	1.00	8.5	1.13	9.4	1.26
	14	4.8	0.68	5.7	0.79	6.6	0.90	7.1	0.96	7.6	1.02	8.5	1.15	9.4	1.27
	16	4.8	0.68	5.7	0.79	6.6	0.91	7.1	0.97	7.6	1.03	8.5	1.16	9.4	1.30
	18	4.8	0.69	5.7	0.80	6.6	0.92	7.1	0.99	7.5	1.05	8.5	1.19	9.4	1.32
	20	4.8	0.70	5.7	0.82	6.6	0.94	7.1	1.01	7.5	1.07	8.5	1.21	9.4	1.35
	21	4.8	0.71	5.7	0.83	6.6	0.95	7.1	1.02	7.5	1.08	8.5	1.22	9.4	1.36
	23	4.8	0.72	5.7	0.84	6.6	0.97	7.1	1.03	7.5	1.10	8.4	1.24	9.4	1.39
	25	4.8	0.73	5.7	0.85	6.6	0.98	7.1	1.05	7.5	1.14	8.4	1.31	9.3	1.49
	27	4.8	0.74	5.7	0.88	6.6	1.03	7.0	1.12	7.5	1.21	8.4	1.38	9.3	1.58
	29	4.7	0.79	5.7	0.93	6.6	1.10	7.0	1.19	7.5	1.28	8.4	1.48	9.3	1.68
	31	4.7	0.83	5.7	0.99	6.6	1.17	7.0	1.27	7.5	1.36	8.4	1.57	9.3	1.80
	33	4.7	0.87	5.7	1.05	6.6	1.24	7.0	1.34	7.5	1.44	8.4	1.67	9.3	1.91
	35	4.7	0.92	5.6	1.11	6.5	1.31	7.0	1.42	7.5	1.53	8.4	1.77	9.3	2.03
	37	4.6	0.97	5.5	1.17	6.3	1.38	6.8	1.50	7.2	1.62	8.1	1.88	9.0	2.15
	39	4.5	1.03	5.4	1.24	6.2	1.47	6.7	1.59	7.1	1.72	8.0	1.99	8.8	2.28
	42	4.5	1.08	5.4	1.31	6.2	1.56	6.7	1.68	7.1	1.81	8.0	2.10	8.8	2.41
	44	4.5	1.13	5.4	1.38	6.2	1.64	6.7	1.76	7.1	1.91	8.0	2.21	8.8	2.54
	46	4.5	1.18	5.4	1.44	6.2	1.73	6.7	1.85	7.1	2.00	8.0	2.33	8.8	2.67

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			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	-21	11.4	3.16	11.3	3.34	11.3	3.53	11.3	3.72	11.2	3.91
	-17	-18	12.5	3.44	12.4	3.61	12.4	3.79	12.3	3.96	12.3	4.13
	-15	-16	13.1	3.71	13.1	3.88	13.0	4.05	13.0	4.21	13.0	4.38
	-12	-13	13.8	3.87	13.7	4.03	13.7	4.18	13.7	4.35	13.6	4.50
	-10	-11	14.4	4.01	14.4	4.16	14.4	4.31	14.3	4.46	14.3	4.61
	-7	-8	15.7	4.06	15.6	4.20	15.6	4.33	15.5	4.47	15.5	4.60
	-5	-6	16.3	4.17	16.3	4.30	16.2	4.42	16.2	4.56	16.2	4.69
	-3	-4	16.9	4.06	16.9	4.18	16.9	4.30	16.8	4.41	16.8	4.53
	0	-1	17.9	4.18	17.9	4.30	17.8	4.41	17.8	4.52	17.8	4.63
	3	2.2	19.0	4.30	18.9	4.40	18.9	4.50	18.9	4.62	18.6	4.67
	5	4.1	19.6	4.36	19.6	4.47	19.5	4.57	19.5	4.67	18.6	4.48
	7	6	20.2	4.38	20.2	4.48	20.2	4.58	20.1	4.65	18.6	4.26
	9	7.9	20.9	4.39	20.8	4.49	20.8	4.58	20.1	4.42	18.6	4.06
	11	9.8	21.5	4.45	21.4	4.54	21.4	4.62	20.1	4.26	18.6	3.91
	13	12	22.2	4.50	22.2	4.59	21.4	4.45	20.1	4.10	18.6	3.76
	15	14	22.9	4.55	22.8	4.63	21.4	4.29	20.1	3.95	18.6	3.63
120%	-20	-21	11.3	3.40	11.3	3.58	11.3	3.75	11.2	3.93	11.2	4.10
	-17	-18	12.4	3.67	12.4	3.83	12.3	3.99	12.3	4.15	12.3	4.31
	-15	-16	13.1	3.94	13.0	4.09	13.0	4.24	13.0	4.40	12.9	4.56
	-12	-13	13.7	4.08	13.7	4.22	13.7	4.38	13.6	4.52	13.6	4.67
	-10	-11	14.4	4.21	14.3	4.35	14.3	4.49	14.3	4.63	14.2	4.78
	-7	-8	15.6	4.25	15.6	4.37	15.5	4.49	15.5	4.62	15.5	4.75
	-5	-6	16.3	4.34	16.2	4.46	16.2	4.58	16.2	4.70	16.1	4.82
	-3	-4	16.9	4.22	16.9	4.33	16.8	4.44	16.8	4.55	16.8	4.65
	0	-1	17.9	4.33	17.8	4.44	17.8	4.54	17.8	4.64	17.2	4.53
	3	2.2	18.9	4.44	18.9	4.54	18.9	4.63	18.5	4.62	17.2	4.23
	5	4.1	19.6	4.50	19.5	4.60	19.5	4.69	18.5	4.43	17.2	4.06
	7	6	20.2	4.51	20.1	4.61	19.8	4.58	18.5	4.22	17.2	3.86
	9	7.9	20.8	4.52	20.8	4.61	19.8	4.35	18.5	4.01	17.2	3.68
	11	9.8	21.4	4.57	21.0	4.52	19.8	4.19	18.5	3.86	17.2	3.55
	13	12	22.2	4.62	21.0	4.35	19.8	4.03	18.5	3.72	17.2	3.42
	15	14	22.4	4.51	21.0	4.20	19.8	3.89	18.5	3.60	17.2	3.30
110%	-20	-21	11.3	3.66	11.2	3.82	11.2	3.98	11.2	4.14	11.1	4.30
	-17	-18	12.4	3.91	12.3	4.05	12.3	4.20	12.3	4.35	12.2	4.50
	-15	-16	13.0	4.16	13.0	4.31	13.0	4.45	12.9	4.59	12.9	4.73
	-12	-13	13.7	4.30	13.6	4.43	13.6	4.56	13.6	4.70	13.6	4.84
	-10	-11	14.3	4.42	14.3	4.54	14.3	4.67	14.2	4.81	14.2	4.93
	-7	-8	15.6	4.42	15.5	4.54	15.5	4.66	15.5	4.77	15.4	4.89
	-5	-6	16.2	4.52	16.2	4.63	16.1	4.74	16.1	4.85	15.8	4.83
	-3	-4	16.8	4.38	16.8	4.47	16.8	4.58	16.7	4.68	15.8	4.38
	0	-1	17.8	4.48	17.8	4.58	17.8	4.67	17.0	4.44	15.8	4.07
	3	2.2	18.9	4.58	18.8	4.67	18.1	4.50	17.0	4.16	15.8	3.81
	5	4.1	19.5	4.63	19.3	4.67	18.1	4.32	17.0	3.98	15.8	3.66
	7	6	20.1	4.64	19.3	4.44	18.1	4.11	17.0	3.79	15.8	3.48
	9	7.9	20.5	4.54	19.3	4.22	18.1	3.91	17.0	3.61	15.8	3.32
	11	9.8	20.5	4.37	19.3	4.06	18.1	3.77	17.0	3.48	15.8	3.20
	13	12	20.5	4.20	19.3	3.91	18.1	3.63	17.0	3.36	15.8	3.09
	15	14	20.5	4.06	19.3	3.78	18.1	3.50	17.0	3.25	15.8	2.99

1-2. AM050FXMDEH/EU, AM050FXMDGH/EU

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			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
100 %	-20	-21	11.2	3.82	11.2	3.95	11.2	4.10	11.1	4.23	11.1	4.38
	-17	-18	12.3	4.03	12.3	4.16	12.1	4.29	12.2	4.41	12.2	4.55
	-15	-16	13.0	4.27	12.9	4.40	12.8	4.53	12.9	4.65	12.9	4.78
	-12	-13	13.6	4.39	13.6	4.51	13.5	4.63	13.5	4.75	13.5	4.87
	-10	-11	14.3	4.50	14.3	4.61	14.1	4.73	14.2	4.84	14.2	4.96
	-7	-8	15.5	4.49	15.5	4.59	15.1	4.69	15.4	4.79	14.3	4.41
	-5	-6	16.2	4.56	16.1	4.66	15.8	4.77	15.5	4.56	14.3	4.18
	-3	-4	16.8	4.42	16.8	4.50	16.0	4.49	15.5	4.14	14.3	3.79
	0	-1	17.8	4.51	17.5	4.50	16.0	4.17	15.5	3.85	14.3	3.53
	3	2.2	18.6	4.53	17.5	4.21	16.0	3.90	15.5	3.60	14.3	3.31
	5	4.1	18.6	4.34	17.5	4.04	16.0	3.75	15.5	3.46	14.3	3.18
	7	6	18.6	4.12	17.5	3.84	16.0	3.61	15.5	3.29	14.3	3.03
	9	7.9	18.6	3.93	17.5	3.66	16.2	3.39	15.5	3.14	14.3	2.89
	11	9.8	18.6	3.79	17.5	3.53	16.2	3.28	15.5	3.03	14.3	2.80
	13	12	18.6	3.64	17.5	3.39	16.2	3.16	15.5	2.92	14.3	2.70
	15	14	18.6	3.52	17.5	3.29	16.2	3.05	15.5	2.83	14.3	2.61
90%	-20	-21	11.2	4.17	11.1	4.30	11.1	4.43	11.1	4.56	11.1	4.69
	-17	-18	12.3	4.38	12.2	4.50	12.2	4.61	12.2	4.73	12.2	4.85
	-15	-16	12.9	4.62	12.9	4.73	12.9	4.85	12.8	4.97	12.8	5.08
	-12	-13	13.6	4.72	13.6	4.84	13.5	4.95	13.5	5.06	12.9	4.84
	-10	-11	14.2	4.83	14.2	4.93	14.2	5.03	13.9	4.97	12.9	4.55
	-7	-8	15.5	4.80	15.4	4.89	14.8	4.72	13.9	4.34	12.9	3.98
	-5	-6	16.1	4.87	15.8	4.83	14.8	4.46	13.9	4.12	12.9	3.78
	-3	-4	16.7	4.70	15.8	4.37	14.8	4.05	13.9	3.74	12.9	3.44
	0	-1	16.8	4.36	15.8	4.06	14.8	3.77	13.9	3.48	12.9	3.20
	3	2.2	16.8	4.08	15.8	3.80	14.8	3.53	13.9	3.27	12.9	3.01
	5	4.1	16.8	3.92	15.8	3.65	14.8	3.39	13.9	3.15	12.9	2.89
	7	6	16.8	3.73	15.8	3.48	14.8	3.23	13.9	2.99	12.9	2.76
	9	7.9	16.8	3.55	15.8	3.31	14.8	3.08	13.9	2.86	12.9	2.64
	11	9.8	16.8	3.43	15.8	3.20	14.8	2.98	13.9	2.76	12.9	2.55
	13	12	16.8	3.30	15.8	3.08	14.8	2.87	13.9	2.67	12.9	2.47
	15	14	16.8	3.19	15.8	2.98	14.8	2.78	13.9	2.58	12.9	2.39
80%	-20	-21	11.1	4.43	11.1	4.54	11.1	4.65	11.1	4.77	11.0	4.89
	-17	-18	12.2	4.60	12.2	4.71	12.2	4.82	12.1	4.92	11.5	4.65
	-15	-16	12.9	4.85	12.8	4.95	12.8	5.05	12.4	4.88	11.5	4.47
	-12	-13	13.5	4.94	13.5	5.04	13.2	4.96	12.4	4.57	11.5	4.19
	-10	-11	14.2	5.03	14.0	5.04	13.2	4.66	12.4	4.31	11.5	3.95
	-7	-8	14.8	4.73	14.0	4.40	13.2	4.08	12.4	3.76	11.5	3.47
	-5	-6	14.8	4.48	14.0	4.18	13.2	3.87	12.4	3.58	11.5	3.29
	-3	-4	14.8	4.06	14.0	3.79	13.2	3.52	12.4	3.25	11.5	3.00
	0	-1	14.8	3.78	14.0	3.53	13.2	3.28	12.4	3.03	11.5	2.80
	3	2.2	14.8	3.55	14.0	3.30	13.2	3.08	12.4	2.86	11.5	2.64
	5	4.1	14.8	3.41	14.0	3.18	13.2	2.96	12.4	2.74	11.5	2.54
	7	6	14.8	3.24	14.0	3.03	13.2	2.83	12.4	2.62	11.5	2.43
	9	7.9	14.8	3.09	14.0	2.89	13.2	2.70	12.4	2.50	11.5	2.32
	11	9.8	14.8	2.99	14.0	2.80	13.2	2.61	12.4	2.42	11.5	2.25
	13	12	14.8	2.88	14.0	2.70	13.2	2.51	12.4	2.34	11.5	2.17
	15	14	14.8	2.79	14.0	2.61	13.2	2.44	12.4	2.27	11.5	2.10

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			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
70 %	-20	-21	11.1	4.67	11.1	4.78	11.0	4.88	10.8	4.81	10.1	4.41
	-17	-18	12.2	4.84	12.1	4.93	11.5	4.67	10.8	4.31	10.1	3.95
	-15	-16	12.8	5.07	12.3	4.85	11.5	4.49	10.8	4.14	10.1	3.81
	-12	-13	13.0	4.89	12.3	4.54	11.5	4.21	10.8	3.89	10.1	3.58
	-10	-11	13.0	4.59	12.3	4.28	11.5	3.97	10.8	3.66	10.1	3.38
	-7	-8	13.0	4.02	12.3	3.75	11.5	3.48	10.8	3.22	10.1	2.97
	-5	-6	13.0	3.81	12.3	3.56	11.5	3.31	10.8	3.07	10.1	2.83
	-3	-4	13.0	3.46	12.3	3.24	11.5	3.01	10.8	2.79	10.1	2.58
	0	-1	13.0	3.23	12.3	3.02	11.5	2.82	10.8	2.61	10.1	2.42
	3	2.2	13.0	3.03	12.3	2.84	11.5	2.65	10.8	2.46	10.1	2.27
	5	4.1	13.0	2.92	12.3	2.73	11.5	2.55	10.8	2.37	10.1	2.20
	7	6	13.0	2.78	12.3	2.60	11.5	2.44	10.8	2.27	10.1	2.10
	9	7.9	13.0	2.66	12.3	2.50	11.5	2.33	10.8	2.17	10.1	2.01
	11	9.8	13.0	2.57	12.3	2.41	11.5	2.26	10.8	2.10	10.1	1.95
	13	12	13.0	2.49	12.3	2.33	11.5	2.18	10.8	2.04	10.1	1.89
	15	14	13.0	2.40	12.3	2.26	11.5	2.11	10.8	1.97	10.1	1.83
60%	-20	-21	11.0	4.93	10.5	4.66	9.9	4.32	9.3	3.98	8.6	3.66
	-17	-18	11.1	4.49	10.5	4.18	9.9	3.87	9.3	3.58	8.6	3.29
	-15	-16	11.1	4.31	10.5	4.02	9.9	3.73	9.3	3.45	8.6	3.18
	-12	-13	11.1	4.05	10.5	3.78	9.9	3.51	9.3	3.26	8.6	3.00
	-10	-11	11.1	3.82	10.5	3.56	9.9	3.32	9.3	3.07	8.6	2.84
	-7	-8	11.1	3.35	10.5	3.13	9.9	2.92	9.3	2.71	8.6	2.51
	-5	-6	11.1	3.18	10.5	2.98	9.9	2.78	9.3	2.59	8.6	2.39
	-3	-4	11.1	2.90	10.5	2.71	9.9	2.54	9.3	2.36	8.6	2.18
	0	-1	11.1	2.71	10.5	2.54	9.9	2.38	9.3	2.21	8.6	2.05
	3	2.2	11.1	2.56	10.5	2.40	9.9	2.24	9.3	2.09	8.6	1.94
	5	4.1	11.1	2.46	10.5	2.31	9.9	2.16	9.3	2.01	8.6	1.87
	7	6	11.1	2.34	10.5	2.21	9.9	2.07	9.3	1.93	8.6	1.80
	9	7.9	11.1	2.25	10.5	2.11	9.9	1.98	9.3	1.84	8.6	1.72
	11	9.8	11.1	2.17	10.5	2.05	9.9	1.92	9.3	1.79	8.6	1.67
	13	12	11.1	2.10	10.5	1.98	9.9	1.85	9.3	1.73	8.6	1.61
	15	14	11.1	2.05	10.5	1.92	9.9	1.81	9.3	1.69	8.6	1.58
50%	-20	-21	9.3	4.01	8.8	3.74	8.2	3.47	7.7	3.22	7.2	2.97
	-17	-18	9.3	3.60	8.8	3.36	8.2	3.14	7.7	2.91	7.2	2.69
	-15	-16	9.3	3.47	8.8	3.24	8.2	3.02	7.7	2.81	7.2	2.60
	-12	-13	9.3	3.27	8.8	3.06	8.2	2.86	7.7	2.65	7.2	2.46
	-10	-11	9.3	3.09	8.8	2.90	8.2	2.70	7.7	2.51	7.2	2.33
	-7	-8	9.3	2.72	8.8	2.56	8.2	2.39	7.7	2.22	7.2	2.06
	-5	-6	9.3	2.60	8.8	2.44	8.2	2.28	7.7	2.12	7.2	1.98
	-3	-4	9.3	2.37	8.8	2.23	8.2	2.08	7.7	1.95	7.2	1.81
	0	-1	9.3	2.22	8.8	2.09	8.2	1.96	7.7	1.83	7.2	1.70
	3	2.2	9.3	2.10	8.8	1.98	8.2	1.85	7.7	1.73	7.2	1.62
	5	4.1	9.3	2.02	8.8	1.91	8.2	1.79	7.7	1.68	7.2	1.56
	7	6	9.3	1.94	8.8	1.83	8.2	1.71	7.7	1.60	7.2	1.50
	9	7.9	9.3	1.85	8.8	1.75	8.2	1.64	7.7	1.54	7.2	1.44
	11	9.8	9.3	1.80	8.8	1.70	8.2	1.60	7.7	1.50	7.2	1.40
	13	12	9.3	1.74	8.8	1.64	8.2	1.55	7.7	1.45	7.2	1.36
	15	14	9.3	1.70	8.8	1.60	8.2	1.50	7.7	1.41	7.2	1.32

1-3. AM060FXMDEH/EU, AM060FXMDGH/EU

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	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	13.8	1.98	16.4	2.43	19.1	2.89	20.5	3.12	20.7	3.06	21.2	2.93	21.7	2.79
	12	13.8	2.02	16.4	2.47	19.1	2.94	20.2	3.10	20.4	3.04	20.9	2.91	21.4	2.86
	14	13.8	2.06	16.4	2.52	19.0	3.00	19.9	3.09	20.2	3.02	20.7	3.00	21.2	3.02
	16	13.8	2.10	16.4	2.58	19.0	3.06	19.6	3.11	19.8	3.13	20.3	3.16	20.9	3.19
	18	13.8	2.14	16.4	2.62	19.0	3.26	19.3	3.28	19.5	3.29	20.0	3.32	20.5	3.35
	20	13.7	2.18	16.4	2.79	18.8	3.42	19.0	3.43	19.3	3.45	19.8	3.49	20.3	3.52
	21	13.7	2.25	16.4	2.89	18.7	3.50	18.9	3.52	19.2	3.53	19.6	3.56	20.1	3.60
	23	13.7	2.40	16.3	3.10	18.4	3.66	18.6	3.68	18.9	3.70	19.4	3.73	19.9	3.76
	25	13.7	2.57	16.3	3.32	18.0	3.82	18.3	3.84	18.5	3.85	19.0	3.89	19.5	3.93
	27	13.7	2.75	16.3	3.55	17.8	3.98	18.0	4.00	18.3	4.02	18.8	4.05	19.2	4.10
	29	13.7	2.93	16.3	3.80	17.5	4.14	17.8	4.16	18.0	4.18	18.5	4.23	19.0	4.26
	31	13.7	3.12	16.3	4.05	17.3	4.30	17.5	4.32	17.7	4.35	18.2	4.39	18.7	4.44
	33	13.6	3.33	16.3	4.33	17.0	4.47	17.2	4.48	17.5	4.51	18.0	4.56	18.5	4.60
	35	13.6	3.54	16.1	4.57	16.6	4.63	16.9	4.65	17.1	4.68	17.6	4.73	18.1	4.78
	37	13.2	3.59	15.4	4.50	15.9	4.55	16.1	4.57	16.4	4.60	16.8	4.65	17.3	4.70
	39	12.9	3.62	14.8	4.41	15.3	4.46	15.5	4.49	15.8	4.51	16.3	4.56	16.7	4.61
	42	12.9	3.83	14.5	4.56	15.0	4.61	15.2	4.64	15.5	4.67	16.1	4.72	16.5	4.77
	44	12.9	4.04	14.3	4.71	14.7	4.76	14.9	4.80	15.2	4.82	15.9	4.87	16.3	4.92
	46	12.9	4.26	14.0	4.86	14.4	4.91	14.6	4.96	14.9	4.98	15.7	5.03	16.2	5.08
120%	10	12.8	1.82	15.2	2.22	17.7	2.63	18.9	2.85	20.1	3.06	20.8	3.02	21.3	2.90
	12	12.8	1.84	15.2	2.26	17.6	2.68	18.9	2.90	20.1	3.12	20.6	3.00	21.0	2.88
	14	12.8	1.88	15.2	2.30	17.6	2.74	18.8	2.96	19.9	3.10	20.3	2.99	20.8	3.00
	16	12.8	1.92	15.2	2.35	17.6	2.79	18.8	3.01	19.5	3.11	20.0	3.14	20.4	3.17
	18	12.7	1.95	15.2	2.39	17.6	2.89	18.8	3.20	19.2	3.27	19.7	3.30	20.1	3.32
	20	12.7	1.99	15.2	2.48	17.6	3.10	18.8	3.42	19.0	3.43	19.4	3.46	19.9	3.49
	21	12.7	2.01	15.1	2.58	17.6	3.21	18.6	3.50	18.8	3.52	19.3	3.54	19.8	3.57
	23	12.7	2.15	15.1	2.76	17.5	3.44	18.4	3.65	18.6	3.67	19.0	3.71	19.5	3.73
	25	12.7	2.29	15.1	2.95	17.5	3.69	18.0	3.82	18.2	3.84	18.7	3.86	19.1	3.90
	27	12.7	2.45	15.1	3.16	17.5	3.95	17.7	3.97	18.0	3.99	18.4	4.03	18.9	4.06
	29	12.7	2.61	15.1	3.37	17.2	4.12	17.5	4.14	17.7	4.15	18.1	4.19	18.6	4.24
	31	12.7	2.79	15.1	3.60	17.0	4.27	17.2	4.30	17.4	4.32	17.9	4.36	18.3	4.40
	33	12.6	2.97	15.1	3.84	16.7	4.44	16.9	4.46	17.2	4.48	17.6	4.52	18.1	4.57
	35	12.6	3.16	15.0	4.09	16.4	4.60	16.6	4.62	16.8	4.65	17.3	4.69	17.7	4.74
	37	12.2	3.19	14.6	4.14	15.6	4.52	15.8	4.55	16.0	4.57	16.5	4.61	17.0	4.66
	39	12.0	3.22	14.3	4.18	15.0	4.43	15.3	4.45	15.5	4.48	15.9	4.52	16.3	4.57
	42	12.0	3.42	14.3	4.45	14.7	4.58	15.1	4.60	15.3	4.63	15.6	4.67	16.1	4.73
	44	12.0	3.62	14.3	4.71	14.4	4.73	14.9	4.75	15.1	4.77	15.3	4.82	15.8	4.88
	46	12.0	3.81	14.3	4.97	14.2	4.87	14.7	4.90	14.9	4.92	15.0	4.96	15.5	5.04
110%	10	11.7	1.64	13.9	2.01	16.1	2.38	17.4	2.58	18.5	2.77	20.5	3.11	20.9	3.00
	12	11.7	1.68	13.9	2.05	16.1	2.43	17.3	2.62	18.5	2.82	20.2	3.10	20.6	2.99
	14	11.7	1.71	13.9	2.08	16.1	2.47	17.3	2.68	18.4	2.88	20.0	3.08	20.4	2.99
	16	11.6	1.73	13.9	2.12	16.1	2.52	17.3	2.72	18.4	2.93	19.6	3.12	20.0	3.14
	18	11.6	1.77	13.9	2.16	16.1	2.58	17.3	2.80	18.4	3.08	19.3	3.28	19.8	3.31
	20	11.6	1.81	13.8	2.21	16.1	2.72	17.3	3.01	18.4	3.31	19.1	3.44	19.5	3.47
	21	11.6	1.83	13.8	2.27	16.0	2.82	17.3	3.11	18.4	3.43	19.0	3.52	19.4	3.54
	23	11.6	1.91	13.8	2.44	16.0	3.02	17.2	3.34	18.2	3.65	18.7	3.68	19.1	3.71
	25	11.6	2.04	13.8	2.60	16.0	3.24	17.2	3.58	17.9	3.81	18.3	3.84	18.7	3.87
	27	11.6	2.17	13.8	2.79	16.0	3.46	17.2	3.84	17.7	3.97	18.1	4.00	18.5	4.04
	29	11.6	2.32	13.8	2.97	16.0	3.70	17.2	4.10	17.4	4.13	17.8	4.16	18.2	4.20
	31	11.6	2.47	13.8	3.17	16.0	3.95	16.9	4.27	17.1	4.29	17.5	4.33	18.0	4.36
	33	11.5	2.63	13.7	3.38	16.0	4.22	16.7	4.43	16.9	4.45	17.3	4.49	17.7	4.53
	35	11.5	2.79	13.7	3.60	15.9	4.50	16.3	4.59	16.5	4.61	16.9	4.66	17.3	4.69
	37	11.2	2.82	13.3	3.63	15.3	4.49	15.5	4.52	15.7	4.54	16.2	4.58	16.6	4.62
	39	10.9	2.84	13.0	3.67	14.8	4.40	15.0	4.43	15.2	4.45	15.6	4.49	16.0	4.53
	42	10.9	3.02	13.0	3.89	14.6	4.55	14.8	4.58	15.0	4.59	15.3	4.64	15.7	4.68
	44	10.9	3.19	13.0	4.11	14.4	4.70	14.6	4.73	14.8	4.74	15.0	4.78	15.4	4.82
	46	10.9	3.36	13.0	4.33	14.3	4.85	14.4	4.87	14.6	4.89	14.7	4.93	15.1	4.97

Combi. (%)	Outdoor Temperature (°C)	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	10.7	1.49	12.7	1.80	14.7	2.14	15.7	2.30	16.8	2.48	18.8	2.83	20.5	3.10
	12	10.7	1.51	12.7	1.84	14.7	2.17	15.7	2.35	16.7	2.53	18.8	2.89	20.3	3.09
	14	10.6	1.53	12.7	1.87	14.7	2.22	15.7	2.39	16.7	2.58	18.7	2.94	20.0	3.07
	16	10.6	1.56	12.7	1.90	14.7	2.26	15.7	2.44	16.7	2.62	18.7	3.00	19.6	3.12
	18	10.6	1.60	12.6	1.94	14.7	2.30	15.7	2.49	16.7	2.68	18.7	3.17	19.4	3.28
	20	10.6	1.63	12.6	1.98	14.7	2.37	15.7	2.61	16.7	2.87	18.7	3.42	19.1	3.44
	21	10.6	1.64	12.6	2.00	14.6	2.46	15.6	2.70	16.7	2.97	18.6	3.50	19.0	3.52
	23	10.6	1.68	12.6	2.13	14.6	2.63	15.6	2.90	16.6	3.19	18.2	3.65	18.7	3.68
	25	10.6	1.80	12.6	2.27	14.6	2.81	15.6	3.10	16.6	3.42	18.0	3.82	18.4	3.84
	27	10.6	1.92	12.6	2.43	14.6	3.00	15.6	3.32	16.6	3.65	17.7	3.97	18.1	4.01
	29	10.6	2.04	12.6	2.59	14.6	3.21	15.6	3.55	16.6	3.90	17.5	4.14	17.8	4.16
	31	10.5	2.17	12.6	2.77	14.6	3.42	15.6	3.79	16.6	4.16	17.2	4.29	17.6	4.33
	33	10.5	2.31	12.5	2.94	14.5	3.65	15.6	4.05	16.6	4.42	16.9	4.46	17.3	4.49
	35	10.5	2.46	12.5	3.13	14.5	3.90	15.5	4.31	16.2	4.58	16.6	4.62	16.9	4.66
	37	10.2	2.47	12.1	3.17	14.1	3.95	15.0	4.36	15.4	4.51	15.8	4.55	16.2	4.58
	39	10.0	2.49	11.9	3.19	13.8	3.98	14.7	4.40	14.9	4.41	15.2	4.45	15.6	4.50
	42	10.0	2.64	11.9	3.38	13.8	4.22	14.7	4.66	14.7	4.55	14.9	4.60	15.3	4.65
	44	10.0	2.79	11.9	3.57	13.8	4.45	14.7	4.92	14.5	4.69	14.6	4.75	15.0	4.81
	46	10.0	2.93	11.9	3.76	13.8	4.69	14.7	5.19	14.4	4.83	14.4	4.90	14.7	4.96
90%	10	9.6	1.33	11.4	1.61	13.2	1.89	14.2	2.05	15.1	2.19	17.0	2.51	18.8	2.83
	12	9.5	1.35	11.4	1.63	13.2	1.93	14.2	2.08	15.1	2.24	16.9	2.56	18.8	2.88
	14	9.5	1.38	11.4	1.66	13.2	1.96	14.2	2.12	15.1	2.28	16.9	2.60	18.7	2.93
	16	9.5	1.40	11.3	1.69	13.2	2.00	14.2	2.16	15.1	2.32	16.9	2.66	18.7	3.00
	18	9.5	1.42	11.3	1.73	13.1	2.04	14.2	2.20	15.1	2.37	16.9	2.71	18.7	3.16
	20	9.5	1.45	11.3	1.75	13.1	2.08	14.1	2.25	15.1	2.46	16.9	2.91	18.7	3.40
	21	9.5	1.46	11.3	1.77	13.1	2.12	14.1	2.33	15.0	2.55	16.9	3.01	18.6	3.50
	23	9.5	1.49	11.3	1.84	13.1	2.26	14.1	2.49	15.0	2.73	16.8	3.23	18.2	3.65
	25	9.5	1.57	11.3	1.97	13.1	2.42	14.1	2.67	15.0	2.92	16.8	3.46	18.0	3.82
	27	9.5	1.67	11.3	2.10	13.1	2.58	14.1	2.85	15.0	3.12	16.8	3.71	17.7	3.97
	29	9.5	1.78	11.3	2.25	13.1	2.76	14.1	3.04	15.0	3.33	16.8	3.96	17.4	4.14
	31	9.5	1.89	11.2	2.38	13.1	2.94	14.1	3.24	15.0	3.55	16.8	4.23	17.2	4.29
	33	9.4	2.01	11.2	2.54	13.0	3.13	14.0	3.45	14.9	3.79	16.6	4.43	16.9	4.46
	35	9.4	2.14	11.2	2.70	13.0	3.34	14.0	3.68	14.9	4.05	16.2	4.58	16.6	4.62
	37	9.1	2.15	10.9	2.73	12.6	3.37	13.6	3.72	14.5	4.09	15.5	4.51	15.8	4.55
	39	8.9	2.16	10.6	2.74	12.4	3.40	13.3	3.76	14.2	4.13	14.9	4.42	15.2	4.45
	42	8.9	2.28	10.6	2.90	12.4	3.61	13.3	3.99	14.2	4.39	14.6	4.57	14.9	4.60
	44	8.9	2.41	10.6	3.06	12.4	3.81	13.3	4.22	14.2	4.64	14.4	4.72	14.6	4.75
	46	8.9	2.53	10.6	3.21	12.4	4.02	13.3	4.45	14.2	4.90	14.1	4.87	14.4	4.90
80%	10	8.5	1.18	10.2	1.42	11.8	1.66	12.6	1.79	13.4	1.92	15.0	2.19	16.7	2.47
	12	8.5	1.20	10.1	1.43	11.8	1.69	12.6	1.82	13.4	1.95	15.0	2.23	16.6	2.51
	14	8.5	1.21	10.1	1.46	11.8	1.72	12.6	1.85	13.4	1.99	15.0	2.27	16.6	2.56
	16	8.5	1.24	10.1	1.49	11.7	1.75	12.6	1.89	13.4	2.03	15.0	2.32	16.6	2.61
	18	8.5	1.26	10.1	1.52	11.7	1.79	12.5	1.93	13.4	2.07	15.0	2.37	16.6	2.67
	20	8.5	1.29	10.1	1.54	11.7	1.82	12.5	1.96	13.3	2.11	15.0	2.45	16.6	2.85
	21	8.5	1.30	10.1	1.56	11.7	1.84	12.5	1.98	13.3	2.16	14.9	2.54	16.6	2.95
	23	8.4	1.31	10.1	1.59	11.7	1.93	12.5	2.11	13.3	2.30	14.9	2.72	16.5	3.16
	25	8.4	1.36	10.1	1.69	11.7	2.06	12.5	2.26	13.3	2.47	14.9	2.90	16.5	3.39
	27	8.4	1.45	10.1	1.80	11.7	2.20	12.5	2.41	13.3	2.63	14.9	3.10	16.5	3.63
	29	8.4	1.54	10.1	1.92	11.7	2.34	12.5	2.57	13.3	2.81	14.9	3.32	16.5	3.87
	31	8.4	1.63	10.0	2.04	11.7	2.49	12.5	2.74	13.3	3.00	14.9	3.54	16.5	4.14
	33	8.4	1.73	10.0	2.17	11.6	2.66	12.4	2.91	13.2	3.19	14.8	3.78	16.5	4.42
	35	8.4	1.84	10.0	2.30	11.6	2.82	12.4	3.10	13.2	3.40	14.8	4.03	16.2	4.58
	37	8.1	1.85	9.7	2.32	11.3	2.85	12.0	3.14	12.8	3.44	14.4	4.08	15.4	4.50
	39	8.0	1.86	9.5	2.33	11.0	2.88	11.8	3.16	12.5	3.47	14.1	4.12	14.9	4.41
	42	8.0	1.96	9.5	2.47	11.0	3.05	11.8	3.35	12.5	3.68	14.1	4.37	14.7	4.56
	44	8.0	2.07	9.5	2.60	11.0	3.22	11.8	3.54	12.5	3.90	14.1	4.63	14.5	4.71
	46	8.0	2.18	9.5	2.73	11.0	3.39	11.8	3.73	12.5	4.11	14.1	4.88	14.4	4.86

1-3. AM060FXMDEH/EU, AM060FXMDGH/EU

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	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	7.4	1.04	8.9	1.23	10.3	1.43	11.1	1.54	11.8	1.65	13.2	1.88	14.6	2.12
	12	7.4	1.05	8.9	1.25	10.2	1.46	11.1	1.57	11.8	1.68	13.2	1.92	14.6	2.16
	14	7.4	1.07	8.8	1.27	10.2	1.49	11.0	1.60	11.8	1.72	13.2	1.95	14.6	2.19
	16	7.4	1.09	8.8	1.30	10.2	1.52	11.0	1.63	11.7	1.74	13.2	1.99	14.6	2.24
	18	7.4	1.10	8.8	1.31	10.2	1.54	11.0	1.66	11.7	1.78	13.1	2.03	14.6	2.28
	20	7.4	1.12	8.8	1.34	10.2	1.57	11.0	1.69	11.7	1.82	13.1	2.06	14.5	2.35
	21	7.4	1.13	8.8	1.35	10.2	1.59	11.0	1.71	11.7	1.84	13.1	2.10	14.5	2.43
	23	7.4	1.15	8.8	1.38	10.2	1.62	11.0	1.76	11.7	1.92	13.1	2.25	14.5	2.60
	25	7.4	1.18	8.8	1.43	10.2	1.73	11.0	1.88	11.7	2.05	13.1	2.40	14.5	2.79
	27	7.4	1.24	8.8	1.52	10.2	1.84	11.0	2.01	11.7	2.19	13.1	2.57	14.5	2.98
	29	7.4	1.31	8.8	1.63	10.2	1.96	11.0	2.14	11.7	2.33	13.1	2.74	14.5	3.18
	31	7.4	1.40	8.8	1.73	10.1	2.08	10.9	2.28	11.7	2.48	13.1	2.91	14.5	3.39
	33	7.3	1.48	8.8	1.83	10.1	2.22	10.9	2.43	11.6	2.64	13.0	3.10	14.4	3.62
	35	7.3	1.57	8.7	1.94	10.1	2.36	10.9	2.58	11.6	2.81	13.0	3.31	14.4	3.85
	37	7.1	1.58	8.5	1.95	9.8	2.38	10.6	2.60	11.3	2.84	12.6	3.35	14.0	3.89
	39	7.0	1.58	8.3	1.96	9.6	2.39	10.4	2.62	11.0	2.86	12.4	3.38	13.7	3.93
	42	7.0	1.66	8.3	2.08	9.6	2.53	10.4	2.78	11.0	3.03	12.4	3.58	13.7	4.17
	44	7.0	1.74	8.3	2.19	9.6	2.67	10.4	2.93	11.0	3.21	12.4	3.79	13.7	4.40
	46	7.0	1.82	8.3	2.31	9.6	2.81	10.4	3.09	11.0	3.38	12.4	3.99	13.7	4.64
60%	10	6.4	0.90	7.6	1.06	8.8	1.22	9.4	1.31	10.1	1.41	11.3	1.59	12.5	1.78
	12	6.4	0.91	7.6	1.08	8.8	1.24	9.4	1.33	10.0	1.42	11.3	1.62	12.5	1.81
	14	6.4	0.93	7.6	1.10	8.8	1.27	9.4	1.36	10.0	1.45	11.2	1.64	12.5	1.84
	16	6.4	0.94	7.6	1.11	8.8	1.29	9.4	1.38	10.0	1.48	11.2	1.67	12.5	1.88
	18	6.4	0.96	7.6	1.13	8.8	1.31	9.4	1.41	10.0	1.51	11.2	1.71	12.4	1.92
	20	6.3	0.97	7.6	1.15	8.8	1.33	9.4	1.43	10.0	1.53	11.2	1.73	12.4	1.95
	21	6.3	0.98	7.6	1.16	8.8	1.35	9.4	1.44	10.0	1.54	11.2	1.75	12.4	1.97
	23	6.3	1.00	7.6	1.18	8.8	1.37	9.4	1.47	10.0	1.58	11.2	1.83	12.4	2.09
	25	6.3	1.01	7.5	1.20	8.8	1.42	9.4	1.55	10.0	1.67	11.2	1.94	12.4	2.24
	27	6.3	1.05	7.5	1.27	8.8	1.52	9.4	1.64	10.0	1.78	11.2	2.07	12.4	2.39
	29	6.3	1.11	7.5	1.35	8.7	1.62	9.4	1.75	10.0	1.90	11.2	2.21	12.4	2.55
	31	6.3	1.18	7.5	1.43	8.7	1.72	9.3	1.86	9.9	2.02	11.1	2.36	12.4	2.71
	33	6.3	1.24	7.5	1.52	8.7	1.82	9.3	1.98	9.9	2.15	11.1	2.50	12.3	2.89
	35	6.3	1.31	7.5	1.61	8.7	1.93	9.3	2.10	9.9	2.28	11.1	2.67	12.3	3.08
	37	6.1	1.32	7.3	1.61	8.4	1.94	9.0	2.12	9.6	2.30	10.8	2.69	11.9	3.11
	39	6.0	1.32	7.1	1.62	8.3	1.95	8.8	2.13	9.4	2.32	10.6	2.71	11.7	3.13
	42	6.0	1.40	7.1	1.71	8.3	2.05	8.8	2.25	9.4	2.46	10.6	2.88	11.7	3.31
	44	6.0	1.47	7.1	1.80	8.3	2.16	8.8	2.38	9.4	2.60	10.6	3.04	11.7	3.49
	46	6.0	1.55	7.1	1.89	8.3	2.27	8.8	2.50	9.4	2.74	10.6	3.21	11.7	3.67
50%	10	5.3	0.78	6.3	0.89	7.4	1.03	7.9	1.10	8.4	1.16	9.4	1.31	10.5	1.45
	12	5.3	0.79	6.3	0.91	7.4	1.04	7.9	1.11	8.4	1.19	9.4	1.33	10.4	1.48
	14	5.3	0.79	6.3	0.92	7.3	1.06	7.9	1.13	8.4	1.21	9.4	1.35	10.4	1.51
	16	5.3	0.80	6.3	0.94	7.3	1.08	7.8	1.15	8.4	1.22	9.4	1.38	10.4	1.53
	18	5.3	0.82	6.3	0.95	7.3	1.10	7.8	1.17	8.3	1.24	9.4	1.40	10.4	1.56
	20	5.3	0.83	6.3	0.97	7.3	1.11	7.8	1.19	8.3	1.27	9.4	1.42	10.4	1.59
	21	5.3	0.84	6.3	0.98	7.3	1.12	7.8	1.20	8.3	1.28	9.3	1.44	10.4	1.61
	23	5.3	0.85	6.3	0.99	7.3	1.14	7.8	1.22	8.3	1.30	9.3	1.47	10.4	1.64
	25	5.3	0.86	6.3	1.00	7.3	1.16	7.8	1.24	8.3	1.34	9.3	1.54	10.4	1.75
	27	5.3	0.88	6.3	1.04	7.3	1.22	7.8	1.32	8.3	1.42	9.3	1.64	10.4	1.87
	29	5.3	0.92	6.3	1.10	7.3	1.30	7.8	1.41	8.3	1.52	9.3	1.74	10.4	1.99
	31	5.3	0.98	6.3	1.17	7.3	1.38	7.8	1.49	8.3	1.61	9.3	1.85	10.3	2.12
	33	5.3	1.03	6.3	1.24	7.3	1.46	7.8	1.58	8.3	1.71	9.3	1.97	10.3	2.26
	35	5.2	1.09	6.2	1.31	7.3	1.54	7.8	1.67	8.3	1.81	9.3	2.09	10.3	2.39
	37	5.1	1.09	6.1	1.31	7.0	1.55	7.5	1.68	8.0	1.82	9.0	2.11	10.0	2.41
	39	5.0	1.09	5.9	1.31	6.9	1.56	7.4	1.69	7.8	1.82	8.8	2.12	9.8	2.43
	42	5.0	1.15	5.9	1.39	6.9	1.65	7.4	1.79	7.8	1.92	8.8	2.24	9.8	2.58
	44	5.0	1.21	5.9	1.46	6.9	1.74	7.4	1.89	7.8	2.02	8.8	2.37	9.8	2.73
	46	5.0	1.27	5.9	1.54	6.9	1.83	7.4	1.99	7.8	2.12	8.8	2.49	9.8	2.88

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			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	-21	11.6	2.80	11.6	3.02	11.5	3.24	11.5	3.45	11.4	3.67
	-17	-18	12.7	3.14	12.7	3.33	12.6	3.53	12.6	3.73	12.5	3.93
	-15	-16	13.4	3.42	13.3	3.61	13.3	3.82	13.2	4.01	13.2	4.20
	-12	-13	14.0	3.60	14.0	3.79	14.0	3.97	13.9	4.15	13.9	4.34
	-10	-11	14.7	3.77	14.7	3.94	14.6	4.11	14.6	4.30	14.5	4.47
	-7	-8	15.9	3.86	15.9	4.02	15.9	4.18	15.8	4.33	15.8	4.49
	-5	-6	16.6	3.98	16.6	4.14	16.5	4.29	16.5	4.43	16.4	4.58
	-3	-4	17.2	3.89	17.2	4.03	17.2	4.17	17.1	4.31	17.1	4.45
	0	-1	18.2	4.04	18.2	4.18	18.2	4.30	18.1	4.43	18.1	4.56
	3	2.2	19.3	4.17	19.3	4.29	19.2	4.42	19.2	4.54	19.1	4.66
	5	4.1	19.9	4.25	19.9	4.36	19.9	4.48	19.8	4.61	19.8	4.72
	7	6	20.6	4.27	20.5	4.38	20.5	4.50	20.5	4.62	20.4	4.73
	9	7.9	21.2	4.29	21.2	4.40	21.1	4.51	21.1	4.62	21.0	4.72
	11	9.8	21.8	4.36	21.8	4.47	21.8	4.57	21.7	4.68	21.0	4.54
	13	12	22.6	4.42	22.6	4.52	22.5	4.62	22.5	4.72	21.0	4.37
	15	14	23.3	4.48	23.2	4.58	23.2	4.68	22.6	4.60	21.0	4.22
120%	-20	-21	11.5	3.10	11.5	3.29	11.5	3.49	11.4	3.70	11.4	3.90
	-17	-18	12.6	3.40	12.6	3.59	12.6	3.77	12.5	3.96	12.5	4.15
	-15	-16	13.3	3.68	13.3	3.87	13.2	4.04	13.2	4.22	13.2	4.41
	-12	-13	14.0	3.85	13.9	4.02	13.9	4.19	13.9	4.37	13.8	4.53
	-10	-11	14.6	4.00	14.6	4.16	14.6	4.33	14.5	4.49	14.5	4.65
	-7	-8	15.9	4.07	15.8	4.22	15.8	4.36	15.8	4.50	15.7	4.65
	-5	-6	16.6	4.19	16.5	4.33	16.5	4.46	16.4	4.60	16.4	4.74
	-3	-4	17.2	4.08	17.1	4.21	17.1	4.33	17.1	4.47	17.0	4.59
	0	-1	18.2	4.22	18.2	4.33	18.1	4.46	18.1	4.58	18.0	4.70
	3	2.2	19.3	4.33	19.2	4.45	19.2	4.56	19.1	4.67	19.1	4.78
	5	4.1	19.9	4.41	19.9	4.51	19.8	4.62	19.8	4.74	19.4	4.72
	7	6	20.5	4.43	20.5	4.53	20.4	4.63	20.4	4.75	19.4	4.49
	9	7.9	21.2	4.44	21.1	4.54	21.1	4.64	20.8	4.66	19.4	4.28
	11	9.8	21.8	4.50	21.8	4.60	21.7	4.70	20.8	4.49	19.4	4.12
	13	12	22.6	4.56	22.5	4.65	22.3	4.69	20.8	4.32	19.4	3.97
	15	14	23.2	4.61	23.2	4.71	22.3	4.52	20.8	4.17	19.4	3.84
110%	-20	-21	11.5	3.38	11.5	3.57	11.4	3.76	11.4	3.94	11.3	4.13
	-17	-18	12.6	3.67	12.6	3.84	12.5	4.01	12.5	4.19	12.5	4.36
	-15	-16	13.3	3.95	13.2	4.11	13.2	4.28	13.2	4.44	13.1	4.61
	-12	-13	13.9	4.10	13.9	4.26	13.9	4.42	13.8	4.57	13.8	4.72
	-10	-11	14.6	4.23	14.6	4.39	14.5	4.54	14.5	4.68	14.5	4.84
	-7	-8	15.8	4.29	15.8	4.41	15.8	4.55	15.7	4.68	15.7	4.82
	-5	-6	16.5	4.38	16.5	4.51	16.4	4.64	16.4	4.77	16.4	4.90
	-3	-4	17.1	4.27	17.1	4.38	17.1	4.50	17.0	4.62	17.0	4.73
	0	-1	18.1	4.39	18.1	4.50	18.1	4.62	18.0	4.72	17.8	4.73
	3	2.2	19.2	4.50	19.2	4.61	19.1	4.71	19.1	4.81	17.8	4.43
	5	4.1	19.8	4.57	19.8	4.66	19.8	4.77	19.1	4.62	17.8	4.25
	7	6	20.5	4.58	20.4	4.68	20.4	4.77	19.1	4.40	17.8	4.04
	9	7.9	21.1	4.59	21.1	4.69	20.4	4.54	19.1	4.19	17.8	3.85
	11	9.8	21.7	4.64	21.7	4.72	20.4	4.38	19.1	4.05	17.8	3.72
	13	12	22.5	4.70	21.7	4.55	20.4	4.22	19.1	3.90	17.8	3.59
	15	14	23.0	4.72	21.7	4.39	20.4	4.07	19.1	3.77	17.8	3.47

1-3. AM060FXMDEH/EU, AM060FXMDGH/EU

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

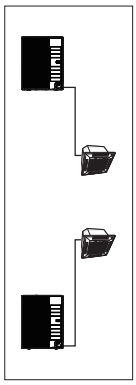
Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100 %	-20	-21	11.4	3.68	11.4	3.85	11.4	4.02	11.3	4.19	11.3	4.36
	-17	-18	12.5	3.95	12.5	4.10	12.2	4.26	12.4	4.41	12.4	4.56
	-15	-16	13.2	4.21	13.2	4.36	12.8	4.51	13.1	4.66	13.1	4.81
	-12	-13	13.9	4.35	13.8	4.49	13.5	4.63	13.8	4.78	13.7	4.92
	-10	-11	14.5	4.48	14.5	4.61	14.2	4.74	14.4	4.89	14.4	5.02
	-7	-8	15.8	4.49	15.7	4.62	15.2	4.74	15.7	4.86	15.6	4.97
	-5	-6	16.4	4.59	16.4	4.71	15.9	4.83	16.3	4.93	16.2	4.99
	-3	-4	17.1	4.46	17.0	4.56	16.5	4.66	17.0	4.77	16.2	4.53
	0	-1	18.1	4.57	18.0	4.66	17.5	4.77	17.3	4.59	16.2	4.21
	3	2.2	19.1	4.66	19.1	4.77	18.0	4.66	17.3	4.30	16.2	3.95
	5	4.1	19.8	4.73	19.7	4.82	18.0	4.47	17.3	4.13	16.2	3.80
	7	6	20.4	4.74	19.8	4.59	18.0	4.39	17.3	3.93	16.2	3.61
	9	7.9	20.9	4.69	19.8	4.37	18.2	4.06	17.3	3.75	16.2	3.45
	11	9.8	20.9	4.51	19.8	4.21	18.2	3.91	17.3	3.61	16.2	3.34
	13	12	20.9	4.35	19.8	4.06	18.2	3.77	17.3	3.49	16.2	3.22
	15	14	20.9	4.20	19.8	3.92	18.2	3.64	17.3	3.38	16.2	3.12
90%	-20	-21	11.4	3.98	11.3	4.13	11.3	4.29	11.3	4.44	11.3	4.58
	-17	-18	12.5	4.22	12.5	4.36	12.4	4.50	12.4	4.63	12.4	4.77
	-15	-16	13.1	4.48	13.1	4.61	13.1	4.74	13.1	4.88	13.0	5.01
	-12	-13	13.8	4.60	13.8	4.72	13.8	4.86	13.7	4.99	13.7	5.11
	-10	-11	14.5	4.71	14.5	4.84	14.4	4.96	14.4	5.08	14.4	5.20
	-7	-8	15.7	4.71	15.7	4.82	15.7	4.92	15.6	5.03	14.5	4.63
	-5	-6	16.4	4.80	16.4	4.90	16.3	5.00	15.7	4.79	14.5	4.39
	-3	-4	17.0	4.63	17.0	4.74	16.7	4.71	15.7	4.34	14.5	3.99
	0	-1	18.0	4.74	17.7	4.72	16.7	4.38	15.7	4.04	14.5	3.73
	3	2.2	18.9	4.75	17.7	4.42	16.7	4.10	15.7	3.80	14.5	3.50
	5	4.1	18.9	4.55	17.7	4.24	16.7	3.94	15.7	3.65	14.5	3.36
	7	6	18.9	4.34	17.7	4.04	16.7	3.75	15.7	3.48	14.5	3.21
	9	7.9	18.9	4.13	17.7	3.85	16.7	3.59	15.7	3.32	14.5	3.06
	11	9.8	18.9	3.98	17.7	3.72	16.7	3.46	15.7	3.21	14.5	2.96
	13	12	18.9	3.83	17.7	3.59	16.7	3.34	15.7	3.10	14.5	2.86
	15	14	18.9	3.71	17.7	3.47	16.7	3.23	15.7	3.00	14.5	2.77
80%	-20	-21	11.3	4.28	11.3	4.41	11.3	4.54	11.2	4.68	11.2	4.81
	-17	-18	12.4	4.49	12.4	4.60	12.4	4.73	12.3	4.85	12.3	4.98
	-15	-16	13.1	4.73	13.1	4.86	13.0	4.98	13.0	5.10	12.9	5.19
	-12	-13	13.8	4.85	13.7	4.97	13.7	5.08	13.7	5.19	12.9	4.87
	-10	-11	14.4	4.95	14.4	5.06	14.4	5.17	13.9	5.00	12.9	4.59
	-7	-8	15.7	4.91	15.6	5.01	14.8	4.74	13.9	4.37	12.9	4.03
	-5	-6	16.3	4.99	15.8	4.85	14.8	4.50	13.9	4.16	12.9	3.82
	-3	-4	16.8	4.73	15.8	4.40	14.8	4.09	13.9	3.78	12.9	3.48
	0	-1	16.8	4.40	15.8	4.10	14.8	3.81	13.9	3.53	12.9	3.26
	3	2.2	16.8	4.12	15.8	3.85	14.8	3.58	13.9	3.31	12.9	3.06
	5	4.1	16.8	3.96	15.8	3.70	14.8	3.45	13.9	3.19	12.9	2.95
	7	6	16.8	3.77	15.8	3.52	14.8	3.28	13.9	3.05	12.9	2.82
	9	7.9	16.8	3.60	15.8	3.37	14.8	3.14	13.9	2.91	12.9	2.70
	11	9.8	16.8	3.47	15.8	3.25	14.8	3.03	13.9	2.82	12.9	2.61
	13	12	16.8	3.35	15.8	3.14	14.8	2.93	13.9	2.72	12.9	2.52
	15	14	16.8	3.24	15.8	3.04	14.8	2.83	13.9	2.64	12.9	2.45

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			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
70 %	-20	-21	11.3	4.57	11.2	4.69	11.2	4.80	11.2	4.92	11.2	5.04
	-17	-18	12.4	4.75	12.3	4.86	12.3	4.97	12.2	5.00	11.3	4.59
	-15	-16	13.0	5.00	13.0	5.10	13.0	5.21	12.2	4.82	11.3	4.42
	-12	-13	13.7	5.10	13.7	5.20	13.0	4.90	12.2	4.52	11.3	4.15
	-10	-11	14.4	5.19	13.8	4.97	13.0	4.61	12.2	4.27	11.3	3.93
	-7	-8	14.6	4.67	13.8	4.35	13.0	4.05	12.2	3.75	11.3	3.45
	-5	-6	14.6	4.43	13.8	4.14	13.0	3.84	12.2	3.56	11.3	3.29
	-3	-4	14.6	4.03	13.8	3.76	13.0	3.50	12.2	3.25	11.3	3.00
	0	-1	14.6	3.75	13.8	3.51	13.0	3.27	12.2	3.03	11.3	2.81
	3	2.2	14.6	3.53	13.8	3.30	13.0	3.08	12.2	2.86	11.3	2.65
	5	4.1	14.6	3.39	13.8	3.17	13.0	2.97	12.2	2.75	11.3	2.56
	7	6	14.6	3.23	13.8	3.03	13.0	2.83	12.2	2.63	11.3	2.45
	9	7.9	14.6	3.09	13.8	2.90	13.0	2.71	12.2	2.52	11.3	2.34
	11	9.8	14.6	2.99	13.8	2.80	13.0	2.61	12.2	2.44	11.3	2.27
	13	12	14.6	2.89	13.8	2.71	13.0	2.53	12.2	2.36	11.3	2.19
	15	14	14.6	2.80	13.8	2.62	13.0	2.46	12.2	2.29	11.3	2.13
60%	-20	-21	11.2	4.87	11.2	4.97	11.1	5.02	10.4	4.62	9.7	4.26
	-17	-18	12.3	5.03	11.9	4.85	11.1	4.51	10.4	4.16	9.7	3.83
	-15	-16	12.6	5.01	11.9	4.66	11.1	4.34	10.4	4.01	9.7	3.69
	-12	-13	12.6	4.70	11.9	4.39	11.1	4.08	10.4	3.78	9.7	3.49
	-10	-11	12.6	4.43	11.9	4.13	11.1	3.85	10.4	3.57	9.7	3.30
	-7	-8	12.6	3.89	11.9	3.64	11.1	3.39	10.4	3.15	9.7	2.91
	-5	-6	12.6	3.70	11.9	3.46	11.1	3.22	10.4	3.00	9.7	2.78
	-3	-4	12.6	3.37	11.9	3.15	11.1	2.94	10.4	2.73	9.7	2.54
	0	-1	12.6	3.15	11.9	2.95	11.1	2.76	10.4	2.57	9.7	2.39
	3	2.2	12.6	2.97	11.9	2.78	11.1	2.60	10.4	2.42	9.7	2.26
	5	4.1	12.6	2.86	11.9	2.68	11.1	2.51	10.4	2.34	9.7	2.17
	7	6	12.6	2.73	11.9	2.57	11.1	2.40	10.4	2.24	9.7	2.09
	9	7.9	12.6	2.61	11.9	2.45	11.1	2.30	10.4	2.15	9.7	2.00
	11	9.8	12.6	2.52	11.9	2.38	11.1	2.23	10.4	2.08	9.7	1.94
	13	12	12.6	2.45	11.9	2.30	11.1	2.16	10.4	2.02	9.7	1.88
	15	14	12.6	2.38	11.9	2.23	11.1	2.09	10.4	1.96	9.7	1.83
50%	-20	-21	10.5	4.65	9.9	4.35	9.3	4.04	8.7	3.74	8.1	3.44
	-17	-18	10.5	4.19	9.9	3.91	9.3	3.64	8.7	3.37	8.1	3.12
	-15	-16	10.5	4.03	9.9	3.78	9.3	3.51	8.7	3.27	8.1	3.02
	-12	-13	10.5	3.80	9.9	3.55	9.3	3.32	8.7	3.08	8.1	2.86
	-10	-11	10.5	3.59	9.9	3.36	9.3	3.14	8.7	2.92	8.1	2.70
	-7	-8	10.5	3.17	9.9	2.97	9.3	2.77	8.7	2.59	8.1	2.40
	-5	-6	10.5	3.02	9.9	2.83	9.3	2.65	8.7	2.47	8.1	2.30
	-3	-4	10.5	2.75	9.9	2.58	9.3	2.42	8.7	2.26	8.1	2.10
	0	-1	10.5	2.58	9.9	2.42	9.3	2.27	8.7	2.13	8.1	1.98
	3	2.2	10.5	2.43	9.9	2.29	9.3	2.15	8.7	2.01	8.1	1.88
	5	4.1	10.5	2.35	9.9	2.22	9.3	2.08	8.7	1.95	8.1	1.82
	7	6	10.5	2.25	9.9	2.12	9.3	1.99	8.7	1.86	8.1	1.74
	9	7.9	10.5	2.16	9.9	2.04	9.3	1.91	8.7	1.79	8.1	1.68
	11	9.8	10.5	2.09	9.9	1.97	9.3	1.85	8.7	1.74	8.1	1.62
	13	12	10.5	2.03	9.9	1.92	9.3	1.80	8.7	1.69	8.1	1.58
	15	14	10.5	1.97	9.9	1.86	9.3	1.75	8.7	1.64	8.1	1.54

2 Capacity correction

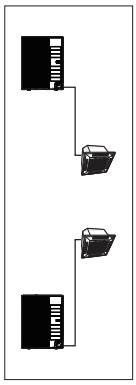
2-1. Capacity correction by distance

1) Cooling



Level Difference (m)	Pipe Length (m)																
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170
50	-	-	-	-	0.93	0.91	0.89	0.88	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
40	-	-	-	0.95	0.93	0.91	0.89	0.88	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
30	-	-	0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
20	-	0.98	0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
10	1.00	0.98	0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
0	1.00	0.98	0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
-10	1.00	0.98	0.96	0.94	0.93	0.91	0.89	0.88	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
-20	-	0.98	0.96	0.94	0.92	0.91	0.89	0.87	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
-30	-	-	0.96	0.94	0.92	0.90	0.88	0.87	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78	0.76
-40	-	-	-	0.94	0.92	0.90	0.88	0.87	0.91	0.89	0.87	0.85	0.83	0.81	0.79	0.77	0.75

2) Heating



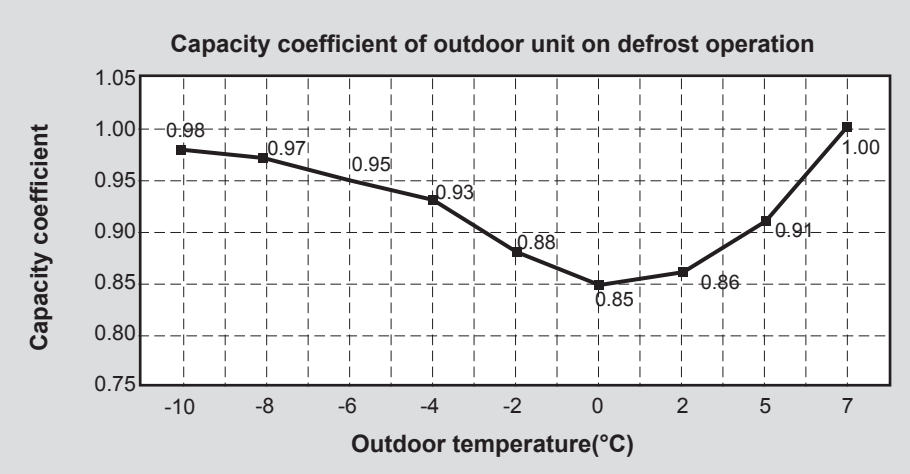
Level Difference (m)	Pipe Length (m)																
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170
50	-	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
20	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
-10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
-20	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
-30	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
-40	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

2-2. Defrosting correction factor

◆ 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.

Outdoor temperature (°C, WB)	-10	-8	-6	-4	-2	0	2	5	7
Capacity coefficient	0.98	0.97	0.95	0.93	0.88	0.85	0.86	0.91	1.00

Corrected Heating Capacity = heating Capacity X Capacity coefficient



SAMSUNG

2013. 03
DBEU-13032M(A)

Samsung Electronics Co., LTD.
Airconditioner Marketing Group/SE

Head Office (Suwon Korea) 416, Maetan-3Dong, Yeongtong-Gu, Suwon City, Gyeonggi-Do, Korea 443-742
TEL : 82-31-200-4549 Website : www.dvmsystem.com Email: airconditioner@samsung.com