



DVM

Technical Data Book

DVM S Outdoor Units

SAMSUNG



DVM

DVM Technical Data Book
Outdoor Units

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DVMS

I. Products

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1 Outdoor units

1-1. Nomenclature

Model name

AM	080	F	X	V	A	G	H	/	EU
①	②	③	④	⑤	⑥	⑦	⑧		(Buyer)

① Classification

AM	DVM
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⑤ Feature1

V	Inverter
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② Capacity

x 1/10 HP (3 digits)

⑥ Feature2

A	Standard + General Temp.+ MODULE
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③ Version

E	2012
F	2013
G	2014

⑦ Rating Voltage

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

④ Product Type

X	Outdoor Unit
N	Indoor Unit

⑧ Mode

H	Heat Pump
R	Heat Recovery

1-2. Line-up

HP	AM080FXVAGH***	AM100FXVAGH***	AM120FXVAGH***	AM140FXVAGH***	AM160FXVAGH***	AM180FXVAGH***	AM200FXVAGH***	AM220FXVAGH***
	AM080FXVAGR***	AM100FXVAGR***	AM120FXVAGR***	AM140FXVAGR***	AM160FXVAGR***	AM180FXVAGR***	AM200FXVAGR***	AM220FXVAGR***
8	1							
10		1						
12			1					
14				1				
16					1			
18						1		
20							1	
22								1
24			2					
26			1	1				
28			1		1			
30			1			1		
32			1				1	
34			1					1
36				1				1
38					1			1
40							2	
42							1	1
44								2
46			2					1
48			1	1				1
50			1		1			1
52			1			1		1
54			1				1	1
56			1					2
58				1				2
60					1			2
62							2	1
64							1	2
66								3
68			2					2
70			1	1				2
72			1		1			2
74			1			1		2
76			1				1	2
78			1					3
80				1				3

2 Indoor units

2-1. Nomenclature

Model name

AM	045	F	N	4	D	E	H	/	EU
①	②	③	④	⑤	⑥	⑦	⑧		(Buyer)

① Classification

AM	DVM
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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 Product Notation

1	1 way cassette
2	2 way cassette
N	Mini 4 way cassette
4	4 way cassette
L	LSP Duct (Slim 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, 220~240V, 50Hz
G	3Ø, 380~415V, 50Hz

⑧ Mode

H	Heat Pump (R410a)
R	Heat Recovery (R410a)
A	Cooling Only (R134A)

2-2. Line-up

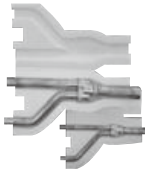
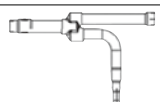
Capacity Type	2.2kW	2.8kW	3.6kW	4.5kW	5.6kW	6.0kW	7.1kW	9.0kW	11.2kW	12.8kW	14.0kW	22.0kW	28.0kW
Slim 1 way cassette													
2 way cassette													
4 way cassette (S)													
Mini 4 way cassette													
Slim duct													
MSP duct													
HSP duct													
Console													
Ceiling													
Neo Forte													
Neo Forte (E)													
Floor Stand- ing			●		●		●						

Type	Air Flow Rate	250CMH	350CMH	500CMH	800CMH	1000CMH
ERV PLUS						

Type	Capacity	16.0kW	32.0kW	50.0kW
Hydro Unit				

3 Accessory

Classification		Product	Model	Image	Application model
Integrated management system	Controller	DMS 2	MIM-D00AN		DVM S
		S-NET 3	MST-P3P		DVM S
	Interface Module	PIM	MIM-B16N		DVM S ('13.07~)
Centralized control system	Controller	Centralized controller	MCM-A202DN		DVM S
		Operation mode selection switch	MCM-C200		DVM S
		New touch CONTROLLER	MCM-A300N		DVM S
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 S
		DMS-Bnet (BACnet)	MIM-B17N		DVM S
Guest room management system		External contact interface module	MIM-B14		DVM S
Converter		S-Net Pro	MIM-C02N		DVM S
		Communication	MIM-N00		DVM S (Nasa-No Nasa)
Multi Tenant Function Controller			MCM-C210		DVM S

Classification	Feature	Model	Description	Relevant unit	Remark
Y-JOINT		MXJ-YA1509M	15.0 kW and below	DVM S HP / HR	Requisite
		MXJ-YA2512M	Over 15.0 ~ 40 kW and below		
		MXJ-YA2812M	Over 40 ~ 45 kW and below		
		MXJ-YA2815M	Over 45 ~ 67.2 kW and below		
		MXJ-YA3419M	Over 67.2 ~ 95.2 kW and below		
		MXJ-YA4119M	Over 95.2 ~ 135.2 kW and below		
		MXJ-YA4422M	Over 135.2 kW		
Y-joint(High Pressure Gas) for DVM S HR		MXJ-YA1500M	22.4 kW and below	DVM S HR	Requisite
		MXJ-YA2500M	Over 22.4 ~ 67.2 kW and below		
		MXJ-YA3100M	Over 67.2 ~ 135.2 kW and below		
		MXJ-YA3800M	Over 135.2 kW		
Outdoor joint (Outdoor Connection)		MXJ-TA3819M	Below 135.2 kW	DVM S HP / HR	Requisite
		MXJ-TA4422M	Over 140.2 kW		
Outdoor joint (High Pressure Gas) for DVM S HR		MXJ-TA3100M	Below 135.2 kW	DVM S HR	Requisite
		MXJ-TA3800M	Over 140.2 kW		
Header joint		MXJ-HA2512M	Below 45 kW	DVM S 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			
Drain Pump		MDP-N047SNC1D	HSP Duct 22.0/28.0kW	-	Option
		MDP-M075SGU1D	MSP Duct (9.0/11.2) kW	-	
		MDP-M075SGU2D	MSP Duct (12.8/14.0) kW		
		MDP-M075SGU3D	MSP Duct (5.6/7.1) kW		
		MDP-E075SEE3D	SlimDuct (2.0~14.0)kW	-	
MCU		MCU-S4NEE1N	Below 4 indoor units	DVM S HR	Requisite (HR Only)
		MCU-S6NEE1N	Below 6 indoor units		
		MCU-S4NEE2N	Below 2 large capacity ducts		
AHU KIT		MXD-K025AN	7.0kW~8.75kW	-	Option
		MXD-K050AN	14.0kW~17.5kW		
		MXD-K075AN	21.0kW~26.25kW		
		MXD-K100AN	28.0kW~35.0kW		

3 Accessory

Classification	Feature	Model	Description	Relevant unit	Remark
PDM KIT		MXD-A38K2A	8~12HP	DVM S	Option
		MXD-A12K2A	14~16HP		
		MXD-A58K2A	18~22HP		
Humidifier		MVO-VA050100	500CMH	-	Option
		MVO-VA100100	1000CMH		
S-Plasma Ion KIT		MSD-CAN1	4way Cassette	-	Option
		MSD-EAN1	ERV-Plus		
Motion detect sensor		MCR-SMA	4way Cassette	-	Option
Front panel		PC1NUSMAN	Slim 1way cassette	-	Requisite
		PC1NUPMAN	Slim 1way cassette (Z-slide)		
		PC2NUSMEN	2 way cassette		
		PC4SUSMAN	Mini 4way cassette (Waffle)		
		PC4SUSMBN	Mini 4way cassette (Classic)		
		PC4NUSKAN	4 way cassette (Waffle)		
		PC4NUSKEN	4 way cassette (Classic)		
		PC4NBSKAN	4 way cassette (Waffle, Black)		

II. Outdoor units

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1 Specifications

1-1. DVM S HP

Model Name				AM080FXVAGH***	AM100FXVAGH***	AM120FXVAGH***	AM140FXVAGH***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP		HP	8.00	10.00	12.00	14.00
	Capacity (Nominal)	Cooling	kW	22.40	28.00	33.60	40.00
			Btu/h	76,400	95,500	114,600	136,500
		Heating	kW	25.20	31.50	37.80	45.00
			Btu/h	86,000	107,500	129,000	153,500
Power	Power Input (Nominal)	Cooling ¹⁾	kW	5.00	6.80	8.40	8.90
		Heating ²⁾		5.10	6.70	8.70	9.50
	Current Input (Nominal)	Cooling ¹⁾	A	8.00	10.90	13.50	14.30
		Heating ²⁾		8.20	10.70	14.00	15.20
	MCA			22.5	29.9	31.3	31.3
	MFA			30	40	40	40
COP	Nominal Cooling ¹⁾		-	4.48	4.12	4.00	4.49
	Nominal Heating ²⁾		-	4.94	4.70	4.34	4.74
	ESEER		-	7.85	7.25	7.03	7.02
Compressor	Type		-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1
	Output		kW x n	(4.96)	(6.13)	(6.13)	(6.13)
	Model Name		-	DS-GB052FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	2300	2300	2300	2300
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	400 x 1	400 x 1	400 x 1	620 x 2
	Air Flow Rate		CMM	145	145	190	260
			l/s	2,416.67	2,416.67	3,166.67	4,333.33
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	12.70	12.70
			Ø, inch	3/8	3/8	1/2	1/2
	Gas Pipe		Ø, mm	19.05	22.22	28.58	28.58
			Ø, inch	3/4	7/8	1 1/8	1 1/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
		Max. Height	m	110(40)	110(40)	110(40)	110(40)
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	5.50	5.20	5.50	7.70
Sound ³⁾	Sound Pressure		dB(A)	57	58	62	61
	Sound Power		dB(A)	77	79	81	81
External Dimension	Net Weight		kg	190.0	190.0	190.0	235.0
	Shipping Weight		kg	206.0	206.0	206.0	254.0
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765	880 x 1,695 x 765	880 x 1,695 x 765	1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832	948 x 1,857 x 832	948 x 1,857 x 832	1,363 x 1,857 x 832
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

- Nominal cooling capacities are based on;
Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m
- Nominal 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
- Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Model Name				AM160FXVAGH***	AM180FXVAGH***	AM200FXVAGH***	AM220FXVAGH***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP		HP	16.00	18.00	20.00	22.00
	Capacity (Nominal)	Cooling	kW	45.00	50.40	56.00	61.60
			Btu/h	153,500	172,000	191,100	210,200
		Heating	kW	50.00	56.70	63.00	69.30
			Btu/h	170,600	193,500	215,000	236,500
Power	Power Input (Nominal)	Cooling ¹⁾	kW	11.00	12.88	15.19	17.35
		Heating ²⁾		11.50	11.90	13.90	16.70
	Current Input (Nominal)	Cooling ¹⁾	A	17.60	20.70	24.40	27.80
		Heating ²⁾		18.40	19.10	22.30	26.80
	MCA			40.0	48.9	52.5	55.6
	MFA			40	50	75	75
	COP	Nominal Cooling ¹⁾		-	4.09	3.91	3.69
Nominal Heating ²⁾		-	4.35	4.76	4.53	4.15	
ESEER		-	6.78	6.59	6.56	6.25	
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
	Output		kW × n	(4.96x2)	(6.13x2)	(6.13x2)	(6.13x2)
	Model Name		-	DS-GB052FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	4600	4600	4600	4600
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	620 x 2	620 x 2	620 x 2	620 x 2
	Air Flow Rate		CMM	260	270	275	295
			l/s	4,333.33	4,500.00	4,583.33	4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	12.70	15.88	15.88	15.88
			Ø, inch	1/2	5/8	5/8	5/8
	Gas Pipe		Ø, mm	28.58	28.58	28.58	28.58
			Ø, inch	1 1/8	1 1/8	1 1/8	1 1/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
		Max. Height	m	110(40)	110(40)	110(40)	110(40)
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	7.40	8.70	8.40	8.40
Sound ³⁾	Sound Pressure		dB(A)	63	64	65	67
	Sound Power		dB(A)	83	86	87	89
External Dimension	Net Weight		kg	278.0	300.0	300.0	300.0
	Shipping Weight		kg	297.0	319.0	319.0	319.0
	Net Dimensions (WxHxD)		mm	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)		mm	1,363 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

1 Specifications

1-1. DVM S HP

Model Name				AM240FXVAGH***	AM260FXVAGH***	AM280FXVAGH***	AM300FXVAGH***
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	24.00	26.00	28.00	30.00
	Capacity (Nominal)	Cooling	kW	67.20	73.60	78.60	84.00
			Btu/h	229,300	251,100	268,200	286,600
		Heating	kW	75.60	82.80	87.80	94.50
			Btu/h	258,000	282,500	299,600	322,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	16.80	17.30	19.40	21.28
		Heating ²⁾		17.40	18.20	20.20	20.60
	Current Input (Nominal)	Cooling ¹⁾	A	27.00	27.80	31.10	34.20
		Heating ²⁾		28.00	29.20	32.40	33.10
	MCA			55.0	55.0	62.7	70.5
	MFA			75	75	75	90
COP	Nominal Cooling ¹⁾		-	4.00	4.25	4.05	3.95
	Nominal Heating ²⁾		-	4.34	4.55	4.35	4.59
	ESEER		-	7.03	7.03	6.91	6.81
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3
	Output		kW × n	(6.13)x2	(6.13) + (6.13)	(6.13) + (4.96x2)	(6.13) + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 1 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 3
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	4600	4600	6900	6900
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	(400 x 1) x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2
	Air Flow Rate		CMM	190 x 2	190 + 260	190 + 260	190 + 270
			l/s	3,166.67 x 2	3,166.67 + 4,333.33	3,166.67 + 4,333.33	3,166.67 + 4,500.00
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
Pa			78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe		Ø, mm	15.88	19.05	19.05	19.05
			Ø, inch	5/8	3/4	3/4	3/4
	Gas Pipe		Ø, mm	28.58	34.92	34.92	34.92
			Ø, inch	1 1/8	1 3/8	1 3/8	1 3/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	11.00	13.20	12.90	14.20
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	190.0 x 2	190.0 + 235.0	190.0 + 278.0	190.0 + 300.0
	Shipping Weight		kg	206.0 x 2	206.0 + 254.0	206.0 + 297.0	206.0 + 319.0
	Net Dimensions (WxHxD)		mm	(880 x 1,695 x 765) x 2	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)		mm	(948 x 1,857 x 832) x 2	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

Model Name				AM320FXVAGH***	AM340FXVAGH***	AM360FXVAGH***	AM380FXVAGH***
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	32.00	34.00	36.00	38.00
	Capacity (Nominal)	Cooling	kW	89.60	95.20	101.60	106.60
			Btu/h	305,700	324,800	346,700	363,700
		Heating	kW	100.80	107.10	114.30	119.30
			Btu/h	343,900	365,400	390,000	407,100
Power	Power Input (Nominal)	Cooling ¹⁾	kW	23.59	25.75	26.25	28.35
		Heating ²⁾		22.60	25.40	26.20	28.20
	Current Input (Nominal)	Cooling ¹⁾	A	37.90	41.30	42.10	45.40
		Heating ²⁾		36.30	40.80	42.00	45.20
	MCA			73.7	76.5	76.5	84.2
	MFA			90	90	90	100
COP	Nominal Cooling ¹⁾		-	3.80	3.70	3.87	3.76
	Nominal Heating ²⁾		-	4.46	4.22	4.36	4.23
	ESEER		-	6.80	6.64	6.64	6.52
Compressor	Type		-	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4
	Output		kW x n	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(4.96x2) + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 2
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	6900	6900	6900	9200
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	400 x 1 + 620 x 2	400 x 1 + 620 x 2	(620 x 2) x 2	(620 x 2) x 2
	Air Flow Rate		CMM	190 + 275	190 + 295	260 + 295	260 + 295
			l/s	3,166.67 + 4,583.33	3,166.67 + 4,916.67	4,333.33 + 4,916.67	4,333.33 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
Pa			78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	19.05
			Ø, inch	3/4	3/4	3/4	3/4
	Gas Pipe		Ø, mm	34.92	34.92	41.28	41.28
			Ø, inch	1 3/8	1 3/8	1 5/8	1 5/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	13.90	13.90	16.10	15.80
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	190.0 + 300.0	190.0 + 300.0	235.0 + 300.0	278.0 + 300.0
	Shipping Weight		kg	206.0 + 319.0	206.0 + 319.0	254.0 + 319.0	297.0 + 319.0
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

1 Specifications

1-1. DVM S HP

Model Name				AM400FXVAGH***	AM420FXVAGH***	AM440FXVAGH***	AM460FXVAGH***	
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	40.00	42.00	44.00	
	Capacity (Nominal)	Cooling	kW	112.00	117.60	123.20	128.80	
			Btu/h	382,200	401,300	420,400	439,500	
		Heating	kW	126.00	132.30	138.60	144.90	
			Btu/h	429,900	451,400	472,900	494,400	
Power	Power Input (Nominal)	Cooling ¹⁾	kW	30.38	32.54	34.70	34.15	
		Heating ²⁾		27.80	30.60	33.40	34.10	
	Current Input (Nominal)	Cooling ¹⁾	A	48.80	52.20	55.60	54.80	
		Heating ²⁾		44.60	49.10	53.60	54.80	
	MCA			92.4	95.2	97.9	104.0	
	MFA			100	125	125	125	
COP	Nominal Cooling ¹⁾			-	3.69	3.61	3.55	3.77
	Nominal Heating ²⁾			-	4.53	4.32	4.15	4.25
	ESEER			-	6.56	6.41	6.25	6.77
Compressor	Type			-	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
	Output			kW × n	(6.13x2)x2	(6.13x2) + (6.13x2)	(6.13x2)x2	(6.13)x2 + (6.13x2)
	Model Name			-	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4
	Oil	Type		-	PVE	PVE	PVE	PVE
		Initial Charge		cc	9200	9200	9200	9200
Fan	Type			-	Propeller	Propeller	Propeller	Propeller
	Output x n			W	(620 x 2) x 2	(620 x 2) x 2	(620 x 2) x 2	(400 x 1) x 2 + 620 x 2
	Air Flow Rate			CMM	275 x 2	275 + 295	295 x 2	190 x 2 + 295
				l/s	4,583.33 x 2	4,583.33 + 4,916.67	4,916.67 x 2	3,166.67 x 2 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00	
			Pa	78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe			Ø, mm	19.05	19.05	19.05	19.05
				Ø, inch	3/4	3/4	3/4	3/4
	Gas Pipe			Ø, mm	41.28	41.28	41.28	41.28
				Ø, inch	1 5/8	1 5/8	1 5/8	1 5/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	
		Max. Height	m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire			mm ²	-	-	-	-
	Transmission Cable			mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type			-	R410A	R410A	R410A	R410A
	Factory Charging			kg	16.80	16.80	16.80	19.40
Sound	Sound Pressure			dB(A)	-	-	-	-
	Sound Power			dB(A)	-	-	-	-
External Dimension	Net Weight			kg	300.0 x 2	300.0 x 2	300.0 x 2	190.0 x 2 + 300.0
	Shipping Weight			kg	319.0 x 2	319.0 x 2	319.0 x 2	206.0 x 2 + 319.0
	Net Dimensions (WxHxD)			mm	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + 1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)			mm	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(948 x 1,857 x 832) x 2 + 1,363 x 1,857 x 832
Operating Temp. Range	Cooling			°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

Model Name				AM480FXVAGH***	AM500FXVAGH***	AM520FXVAGH***	AM540FXVAGH***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP		HP	48.00	50.00	52.00	54.00
	Capacity (Nominal)	Cooling	kW	135.20	140.20	145.60	151.20
			Btu/h	461,300	478,400	496,800	515,900
		Heating	kW	152.10	157.10	163.80	170.10
			Btu/h	519,000	536,000	558,900	580,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	34.65	36.75	38.63	40.94
		Heating ²⁾		34.90	36.90	37.30	39.30
	Current Input (Nominal)	Cooling ¹⁾	A	55.60	58.90	62.00	65.70
		Heating ²⁾		56.00	59.20	59.90	63.10
	MCA			104.0	111.7	119.5	122.7
	MFA			125	125	125	150
COP	Nominal Cooling ¹⁾		-	3.90	3.81	3.77	3.69
	Nominal Heating ²⁾		-	4.36	4.26	4.39	4.33
	ESEER		-	6.77	6.69	6.62	6.61
Compressor	Type		-	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5
	Output		kW x n	(6.13) + (6.13) + (6.13x2)	(6.13) + (4.96x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 4	DS-GB066FAVASG x 3 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	9200	11500	11500	11500
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2
	Air Flow Rate		CMM	190 + 260 + 295	190 + 260 + 295	190 + 270 + 295	190 + 275 + 295
			l/s	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,500.00 + 4,916.67	3,166.67 + 4,583.33 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
Piping Connections	Liquid Pipe		Pa	78.45	78.45	78.45	78.45
			Ø, mm	19.05	19.05	19.05	19.05
	Gas Pipe		Ø, inch	3/4	3/4	3/4	3/4
			Ø, mm	41.28	41.28	41.28	41.28
	Installation Limitation		Ø, inch	1 5/8	1 5/8	1 5/8	1 5/8
			m	200(220)	200(220)	200(220)	200(220)
Field Wiring	Power Source Wire	mm ²	-	-	-	-	
	Transmission Cable	mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	21.60	21.30	22.60	22.30
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	190.0 + 235.0 + 300.0	190.0 + 278.0 + 300.0	190.0 + 300.0 x 2	190.0 + 300.0 x 2
	Shipping Weight		kg	206.0 + 254.0 + 319.0	206.0 + 297.0 + 319.0	206.0 + 319.0 x 2	206.0 + 319.0 x 2
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

1 Specifications

1-1. DVM S HP

Model Name				AM560FXVAGH***	AM580FXVAGH***	AM600FXVAGH***	AM620FXVAGH***
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	56.00	58.00	60.00	62.00
	Capacity (Nominal)	Cooling	kW	156.80	163.20	168.20	173.60
			Btu/h	535,000	556,900	573,900	592,300
		Heating	kW	176.40	183.60	188.60	195.30
			Btu/h	601,900	626,500	643,500	666,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	43.10	43.60	45.70	47.73
		Heating ²⁾		42.10	42.90	44.90	44.50
	Current Input (Nominal)	Cooling ¹⁾	A	69.10	69.90	73.20	76.60
		Heating ²⁾		67.60	68.80	72.00	71.40
	MCA			125.4	125.4	133.1	141.4
	MFA			150	150	150	200
COP	Nominal Cooling ¹⁾		-	3.64	3.74	3.68	3.64
	Nominal Heating ²⁾		-	4.19	4.28	4.20	4.39
	ESEER		-	6.51	6.51	6.43	6.46
Compressor	Type		-	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6
	Output		kW x n	(6.13) + (6.13x2)x2	(6.13) + (6.13x2)x2	(4.96x2) + (6.13x2)x2	(6.13x2)x2 + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 4	DS-GB066FAVASG x 6
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	11500	11500	13800	13800
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	400 x 1 + (620 x 2) x 2	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3
	Air Flow Rate		CMM	190 + 295 x 2	260 + 295 x 2	260 + 295 x 2	275 x 2 + 295
			l/s	3,166.67 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,583.33 x 2 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
Pa			78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	22.22
			Ø, inch	3/4	3/4	3/4	7/8
	Gas Pipe		Ø, mm	41.28	41.28	41.28	53.98
			Ø, inch	1 5/8	1 5/8	1 5/8	2 1/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	22.30	24.50	24.20	25.20
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	190.0 + 300.0 x 2	235.0 + 300.0 x 2	278.0 + 300.0 x 2	300.0 x 3
	Shipping Weight		kg	206.0 + 319.0 x 2	254.0 + 319.0 x 2	297.0 + 319.0 x 2	319.0 x 3
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

Model Name				AM640FXVAGH***	AM660FXVAGH***	AM680FXVAGH***	AM700FXVAGH***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	HP		HP	64.00	66.00	68.00	70.00
	Capacity (Nominal)	Cooling	kW	179.20	184.80	190.40	196.80
			Btu/h	611,500	630,600	649,700	671,500
		Heating	kW	201.60	207.90	214.20	221.40
			Btu/h	687,900	709,400	730,900	755,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	49.89	52.05	51.50	52.00
		Heating ²⁾		47.30	50.10	50.80	51.60
	Current Input (Nominal)	Cooling ¹⁾	A	80.00	83.40	82.60	83.40
		Heating ²⁾		75.90	80.40	81.60	82.80
	MCA			144.1	146.9	152.9	152.9
	MFA			200	200	200	200
COP	Nominal Cooling ¹⁾		-	3.59	3.55	3.70	3.78
	Nominal Heating ²⁾		-	4.26	4.15	4.22	4.29
	ESEER		-	6.35	6.25	6.64	6.64
Compressor	Type		-	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
	Output		kW × n	(6.13x2) + (6.13x2)x2	(6.13x2)x3	(6.13)x2 + (6.13x2)x2	(6.13) + (6.13) + (6.13x2)x2
	Model Name		-	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6
	Oil	Type	-	PVE	PVE	PVE	PVE
Initial Charge		cc	13800	13800	13800	13800	
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	(620 × 2) × 3	(620 × 2) × 3	(400 × 1) × 2 + (620 × 2) × 2	400 × 1 + (620 × 2) × 3
	Air Flow Rate		CMM	275 + 295 × 2	295 × 3	190 × 2 + 295 × 2	190 + 260 + 295 × 2
			l/s	4,583.33 + 4,916.67 × 2	4,916.67 × 3	3,166.67 × 2 + 4,916.67 × 2	3,166.67 + 4,333.33 + 4,916.67 × 2
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
Pa			78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe		Ø, mm	22.22	22.22	22.22	22.22
			Ø, inch	7/8	7/8	7/8	7/8
	Gas Pipe		Ø, mm	53.98	53.98	53.98	53.98
			Ø, inch	2 1/8	2 1/8	2 1/8	2 1/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	25.20	25.20	27.80	30.00
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	300.0 × 3	300.0 × 3	190.0 × 2 + 300.0 × 2	190.0 + 235.0 + 300.0 × 2
	Shipping Weight		kg	319.0 × 3	319.0 × 3	206.0 × 2 + 319.0 × 2	206.0 + 254.0 + 319.0 × 2
	Net Dimensions (WxHxD)		mm	(1,295 × 1,695 × 765) × 3	(1,295 × 1,695 × 765) × 3	(880 × 1,695 × 765) × 2 + (1,295 × 1,695 × 765) × 2	880 × 1,695 × 765 + (1,295 × 1,695 × 765) × 3
	Shipping Dimensions (WxHxD)		mm	(1,363 × 1,857 × 832) × 3	(1,363 × 1,857 × 832) × 3	(948 × 1,857 × 832) × 2 + (1,363 × 1,857 × 832) × 2	948 × 1,857 × 832 + (1,363 × 1,857 × 832) × 3
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

1 Specifications

1-1. DVM S HP

Model Name				AM720FXVAGH***	AM740FXVAGH***	AM760FXVAGH***
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	72.00	74.00	76.00
	Capacity (Nominal)	Cooling	kW	201.80	207.20	212.80
			Btu/h	688,600	707,000	726,100
		Heating	kW	226.40	233.10	239.40
			Btu/h	772,500	795,400	816,900
Power	Power Input (Nominal)	Cooling ¹⁾	kW	54.10	55.98	58.29
		Heating ²⁾		53.60	54.00	56.00
	Current Input (Nominal)	Cooling ¹⁾	A	86.70	89.80	93.50
		Heating ²⁾		86.00	86.70	89.90
	MCA			160.6	168.4	171.6
	MFA			200	200	200
COP	Nominal Cooling ¹⁾		-	3.73	3.70	3.65
	Nominal Heating ²⁾		-	4.22	4.32	4.28
	ESEER		-	6.58	6.53	6.52
Compressor	Type		-	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7
	Output		kW × n	(6.13) + (4.96x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2
	Model Name		-	DS-GB066FAVASG x 5 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7
	Oil	Type	-	PVE	PVE	PVE
		Initial Charge	cc	16100	16100	16100
Fan	Type		-	Propeller	Propeller	Propeller
	Output x n		W	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3
	Air Flow Rate		CMM	190 + 260 + 295 x 2	190 + 270 + 295 x 2	190 + 275 + 295 x 2
			l/s	3,166.67 + 4,333.33 + 4,916.67 x 2	3,166.67 + 4,500.00 + 4,916.67 x 2	3,166.67 + 4,583.33 + 4,916.67 x 2
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00
			Pa	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	22.22	22.22	22.22
			Ø, inch	7/8	7/8	7/8
	Gas Pipe		Ø, mm	53.98	53.98	53.98
			Ø, inch	2 1/8	2 1/8	2 1/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(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	29.70	31.00	30.70
Sound	Sound Pressure		dB(A)	-	-	-
	Sound Power		dB(A)	-	-	-
External Dimension	Net Weight		kg	190.0 + 278.0 + 300.0 x 2	190.0 + 300.0 x 3	190.0 + 300.0 x 3
	Shipping Weight		kg	206.0 + 297.0 + 319.0 x 2	206.0 + 319.0 x 3	206.0 + 319.0 x 3
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

Model Name				AM780FXVAGH***	AM800FXVAGH***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT PUMP	HEAT PUMP
Performance	HP		HP	78.00	80.00
	Capacity (Nominal)	Cooling	kW	218.40	224.80
			Btu/h	745,200	767,000
		Heating	kW	245.70	252.90
			Btu/h	838,400	862,900
Power	Power Input (Nominal)	Cooling ¹⁾	kW	60.45	60.95
		Heating ²⁾		58.80	59.60
	Current Input (Nominal)	Cooling ¹⁾	A	96.90	97.70
		Heating ²⁾		94.40	95.60
	MCA			174.4	174.4
	MFA			200	200
COP	Nominal Cooling ¹⁾		-	3.61	3.69
	Nominal Heating ²⁾		-	4.18	4.24
	ESEER		-	6.45	6.44
Compressor	Type		-	SSC Scroll x 7	SSC Scroll x 7
	Output		kW × n	(6.13) + (6.13x2)x3	(6.13) + (6.13x2)x3
	Model Name		-	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7
	Oil	Type	-	PVE	PVE
		Initial Charge	cc	16100	16100
Fan	Type		-	Propeller	Propeller
	Output x n		W	400 x 1 + (620 x 2) x 3	(620 x 2) x 4
	Air Flow Rate		CMM	190 + 295 x 3	260 + 295 x 3
			l/s	3,166.67 + 4,916.67 x 3	4,333.33 + 4,916.67 x 3
	External Static Pressure	Max.	mmAq	8.00	8.00
			Pa	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	22.22	22.22
			Ø, inch	7/8	7/8
	Gas Pipe		Ø, mm	53.98	53.98
			Ø, inch	2 1/8	2 1/8
	Installation Limitation	Max. Length	m	200(220)	200(220)
		Max. Height	m	110(40)	110(40)
Field Wiring	Power Source Wire		mm²	-	-
	Transmission Cable		mm²	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	30.70	32.90
Sound	Sound Pressure		dB(A)	-	-
	Sound Power		dB(A)	-	-
External Dimension	Net Weight		kg	190.0 + 300.0 x 3	235.0 + 300.0 x 3
	Shipping Weight		kg	206.0 + 319.0 x 3	254.0 + 319.0 x 3
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 4
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 4
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

1 Specifications

1-2. DVM S HR

Model Name				AM080FXVAGR***	AM100FXVAGR***	AM120FXVAGR***	AM140FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	8.00	10.00	12.00	14.00
	Capacity (Nominal)	Cooling	kW	22.40	28.00	33.60	40.00
			Btu/h	76,400	95,500	114,600	136,500
		Heating	kW	25.20	31.50	37.80	45.00
			Btu/h	86,000	107,500	129,000	153,500
Power	Power Input (Nominal)	Cooling ¹⁾	kW	5.00	6.80	8.40	8.90
		Heating ²⁾		5.10	6.70	8.70	9.50
	Current Input (Nominal)	Cooling ¹⁾	A	8.00	10.90	13.50	14.30
		Heating ²⁾		8.20	10.70	14.00	15.20
	MCA			22.5	29.9	31.3	31.3
	MFA			30	40	40	40
COP	Nominal Cooling ¹⁾		-	4.48	4.12	4.00	4.49
	Nominal Heating ²⁾		-	4.94	4.70	4.34	4.74
Compressor	Type		-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1
	Output		kW × n	(4.96)	(6.13)	(6.13)	(6.13)
	Model Name		-	DS-GB052FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	2300	2300	2300	2300
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	400 x 1	400 x 1	400 x 1	620 x 2
	Air Flow Rate		CMM	145	145	190	260
			l/s	2,416.67	2,416.67	3,166.67	4,333.33
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
Pa			78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	12.70	12.70
			Ø, inch	3/8	3/8	1/2	1/2
	Gas Pipe		Ø, mm	19.05	22.22	28.58	28.58
			Ø, inch	3/4	7/8	1 1/8	1 1/8
	Discharge Gas Pipe		Ø, mm	15.88	19.05	19.05	22.22
			Ø, inch	5/8	3/4	3/4	7/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	5.50	5.20	5.50	7.70
Sound ³⁾	Sound Pressure		dB(A)	57	58	62	61
	Sound Power		dB(A)	77	79	81	81
External Dimension	Net Weight		kg	195.0	195.0	195.0	241.0
	Shipping Weight		kg	211.0	211.0	211.0	260.0
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765	880 x 1,695 x 765	880 x 1,695 x 765	1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832	948 x 1,857 x 832	948 x 1,857 x 832	1,363 x 1,857 x 832
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

- 1) Nominal cooling capacities are based on;
Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m
- 2) Nominal 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) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Model Name				AM160FXVAGR***	AM180FXVAGR***	AM200FXVAGR***	AM220FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	16.00	18.00	20.00	22.00
	Capacity (Nominal)	Cooling	kW	45.00	50.40	56.00	61.60
			Btu/h	153,500	172,000	191,100	210,200
		Heating	kW	50.00	56.70	63.00	69.30
			Btu/h	170,600	193,500	215,000	236,500
Power	Power Input (Nominal)	Cooling ¹⁾	kW	11.00	12.88	15.19	17.35
		Heating ²⁾		11.50	11.90	13.90	16.70
	Current Input (Nominal)	Cooling ¹⁾	A	17.60	20.70	24.40	27.80
		Heating ²⁾		18.40	19.10	22.30	26.80
	MCA			40.0	48.9	52.5	55.6
	MFA			40	50	75	75
COP	Nominal Cooling ¹⁾		-	4.09	3.91	3.69	3.55
	Nominal Heating ²⁾		-	4.35	4.76	4.53	4.15
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
	Output		kW x n	(4.96x2)	(6.13x2)	(6.13x2)	(6.13x2)
	Model Name		-	DS-GB052FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	4600	4600	4600	4600
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	620 x 2	620 x 2	620 x 2	620 x 2
	Air Flow Rate		CMM	260	270	275	295
			l/s	4,333.33	4,500.00	4,583.33	4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	12.70	15.88	15.88	15.88
			Ø, inch	1/2	5/8	5/8	5/8
	Gas Pipe		Ø, mm	28.58	28.58	28.58	28.58
			Ø, inch	1 1/8	1 1/8	1 1/8	1 1/8
	Discharge Gas Pipe		Ø, mm	22.22	22.22	28.58	28.58
			Ø, inch	7/8	7/8	1 1/8	1 1/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	7.40	8.70	8.40	8.40
Sound ³⁾	Sound Pressure		dB(A)	63	64	65	67
	Sound Power		dB(A)	83	86	87	89
External Dimension	Net Weight		kg	284.0	306.0	306.0	306.0
	Shipping Weight		kg	303.0	325.0	325.0	325.0
	Net Dimensions (WxHxD)		mm	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)		mm	1,363 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

1 Specifications

1-2. DVM S HR

Model Name				AM240FXVAGR***	AM260FXVAGR***	AM280FXVAGR***	AM300FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	24.00	26.00	28.00	30.00
	Capacity (Nominal)	Cooling	kW	67.20	73.60	78.60	84.00
			Btu/h	229,300	251,100	268,200	286,600
		Heating	kW	75.60	82.80	87.80	94.50
			Btu/h	258,000	282,500	299,600	322,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	16.80	17.30	19.40	21.28
		Heating ²⁾		17.40	18.20	20.20	20.60
	Current Input (Nominal)	Cooling ¹⁾	A	27.00	27.80	31.10	34.20
		Heating ²⁾		28.00	29.20	32.40	33.10
	MCA			55.0	55.0	62.7	70.5
	MFA			75	75	75	90
COP	Nominal Cooling ¹⁾		-	4.00	4.25	4.05	3.95
	Nominal Heating ²⁾		-	4.34	4.55	4.35	4.59
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3
	Output		kW × n	(6.13)x2	(6.13) + (6.13)	(6.13) + (4.96x2)	(6.13) + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 1 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 3
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	4600	4600	6900	6900
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	(400 x 1) x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2
	Air Flow Rate		CMM	190 x 2	190 + 260	190 + 260	190 + 270
			l/s	3,166.67 x 2	3,166.67 + 4,333.33	3,166.67 + 4,333.33	3,166.67 + 4,500.00
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	15.88	19.05	19.05	19.05
			Ø, inch	5/8	3/4	3/4	3/4
	Gas Pipe		Ø, mm	28.58	34.92	34.92	34.92
			Ø, inch	1 1/8	1 3/8	1 3/8	1 3/8
	Discharge Gas Pipe		Ø, mm	28.58	28.58	28.58	28.58
			Ø, inch	1 1/8	1 1/8	1 1/8	1 1/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	11.00	13.20	12.90	14.20
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	195.0 x 2	195.0 + 241.0	195.0 + 284.0	195.0 + 306.0
	Shipping Weight		kg	211.0 x 2	211.0 + 260.0	211.0 + 303.0	211.0 + 325.0
	Net Dimensions (WxHxD)		mm	(880 x 1,695 x 765) x 2	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)		mm	(948 x 1,857 x 832) x 2	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

Model Name				AM320FXVAGR***	AM340FXVAGR***	AM360FXVAGR***	AM380FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	32.00	34.00	36.00	38.00
	Capacity (Nominal)	Cooling	kW	89.60	95.20	101.60	106.60
			Btu/h	305,700	324,800	346,700	363,700
		Heating	kW	100.80	107.10	114.30	119.30
			Btu/h	343,900	365,400	390,000	407,100
Power	Power Input (Nominal)	Cooling ¹⁾	kW	23.59	25.75	26.25	28.35
		Heating ²⁾		22.60	25.40	26.20	28.20
	Current Input (Nominal)	Cooling ¹⁾	A	37.90	41.30	42.10	45.40
		Heating ²⁾		36.30	40.80	42.00	45.20
	MCA			73.7	76.5	76.5	84.2
	MFA			90	90	90	100
COP	Nominal Cooling ¹⁾		-	3.80	3.70	3.87	3.76
	Nominal Heating ²⁾		-	4.46	4.22	4.36	4.23
Compressor	Type		-	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4
	Output		kW × n	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(4.96x2) + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 2
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	6900	6900	6900	9200
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	400 x 1 + 620 x 2	400 x 1 + 620 x 2	(620 x 2) x 2	(620 x 2) x 2
	Air Flow Rate		CMM	190 + 275	190 + 295	260 + 295	260 + 295
			l/s	3,166.67 + 4,583.33	3,166.67 + 4,916.67	4,333.33 + 4,916.67	4,333.33 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	19.05
			Ø, inch	3/4	3/4	3/4	3/4
	Gas Pipe		Ø, mm	34.92	34.92	41.28	41.28
			Ø, inch	1 3/8	1 3/8	1 5/8	1 5/8
	Discharge Gas Pipe		Ø, mm	28.58	28.58	34.92	34.92
			Ø, inch	1 1/8	1 1/8	1 3/8	1 3/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
	Max. Height	m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	13.90	13.90	16.10	15.80
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	195.0 + 306.0	195.0 + 306.0	241.0 + 306.0	284.0 + 306.0
	Shipping Weight		kg	211.0 + 325.0	211.0 + 325.0	260.0 + 325.0	303.0 + 325.0
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

1 Specifications

1-2. DVM S HR

Model Name				AM400FXVAGR***	AM420FXVAGR***	AM440FXVAGR***	AM460FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	40.00	42.00	44.00	46.00
	Capacity (Nominal)	Cooling	kW	112.00	117.60	123.20	128.80
			Btu/h	382,200	401,300	420,400	439,500
		Heating	kW	126.00	132.30	138.60	144.90
			Btu/h	429,900	451,400	472,900	494,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	30.38	32.54	34.70	34.15
		Heating ²⁾		27.80	30.60	33.40	34.10
	Current Input (Nominal)	Cooling ¹⁾	A	48.80	52.20	55.60	54.80
		Heating ²⁾		44.60	49.10	53.60	54.80
	MCA			92.4	95.2	97.9	104.0
	MFA			100	125	125	125
COP	Nominal Cooling ¹⁾		-	3.69	3.61	3.55	3.77
	Nominal Heating ²⁾		-	4.53	4.32	4.15	4.25
Compressor	Type		-	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
	Output		kW × n	(6.13x2)x2	(6.13x2) + (6.13x2)	(6.13x2)x2	(6.13)x2 + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	9200	9200	9200	9200
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	(620 x 2) x 2	(620 x 2) x 2	(620 x 2) x 2	(400 x 1) x 2 + 620 x 2
	Air Flow Rate		CMM	275 x 2	275 + 295	295 x 2	190 x 2 + 295
			l/s	4,583.33 x 2	4,583.33 + 4,916.67	4,916.67 x 2	3,166.67 x 2 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	19.05
			Ø, inch	3/4	3/4	3/4	3/4
	Gas Pipe		Ø, mm	41.28	41.28	41.28	41.28
			Ø, inch	1 5/8	1 5/8	1 5/8	1 5/8
	Discharge Gas Pipe		Ø, mm	34.92	34.92	34.92	34.92
			Ø, inch	1 3/8	1 3/8	1 3/8	1 3/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	16.80	16.80	16.80	19.40
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	306.0 x 2	306.0 x 2	306.0 x 2	195.0 x 2 + 306.0
	Shipping Weight		kg	325.0 x 2	325.0 x 2	325.0 x 2	211.0 x 2 + 325.0
	Net Dimensions (WxHxD)		mm	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + 1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)		mm	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(948 x 1,857 x 832) x 2 + 1,363 x 1,857 x 832
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

Model Name				AM480FXVAGR***	AM500FXVAGR***	AM520FXVAGR***	AM540FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	48.00	50.00	52.00	54.00
	Capacity (Nominal)	Cooling	kW	135.20	140.20	145.60	151.20
			Btu/h	461,300	478,400	496,800	515,900
		Heating	kW	152.10	157.10	163.80	170.10
			Btu/h	519,000	536,000	558,900	580,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	34.65	36.75	38.63	40.94
		Heating ²⁾		34.90	36.90	37.30	39.30
	Current Input (Nominal)	Cooling ¹⁾	A	55.60	58.90	62.00	65.70
		Heating ²⁾		56.00	59.20	59.90	63.10
	MCA			104.0	111.7	119.5	122.7
	MFA			125	125	125	150
COP	Nominal Cooling ¹⁾		-	3.90	3.81	3.77	3.69
	Nominal Heating ²⁾		-	4.36	4.26	4.39	4.33
Compressor	Type		-	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5
	Output		kW × n	(6.13) + (6.13) + (6.13x2)	(6.13) + (4.96x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 4	DS-GB066FAVASG x 3 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	9200	11500	11500	11500
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2
	Air Flow Rate		CMM	190 + 260 + 295	190 + 260 + 295	190 + 270 + 295	190 + 275 + 295
			l/s	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,500.00 + 4,916.67	3,166.67 + 4,583.33 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
Pa			78.45	78.45	78.45	78.45	
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	19.05
			Ø, inch	3/4	3/4	3/4	3/4
	Gas Pipe		Ø, mm	41.28	41.28	41.28	41.28
			Ø, inch	1 5/8	1 5/8	1 5/8	1 5/8
	Discharge Gas Pipe		Ø, mm	34.92	34.92	34.92	34.92
			Ø, inch	1 3/8	1 3/8	1 3/8	1 3/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	21.60	21.30	22.60	22.30
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	195.0 + 241.0 + 306.0	195.0 + 284.0 + 306.0	195.0 + 306.0 x 2	195.0 + 306.0 x 2
	Shipping Weight		kg	211.0 + 260.0 + 325.0	211.0 + 303.0 + 325.0	211.0 + 325.0 x 2	211.0 + 325.0 x 2
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

1 Specifications

1-2. DVM S HR

Model Name				AM560FXVAGR***	AM580FXVAGR***	AM600FXVAGR***	AM620FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	56.00	58.00	60.00	62.00
	Capacity (Nominal)	Cooling	kW	156.80	163.20	168.20	173.60
			Btu/h	535,000	556,900	573,900	592,300
		Heating	kW	176.40	183.60	188.60	195.30
			Btu/h	601,900	626,500	643,500	666,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	43.10	43.60	45.70	47.73
		Heating ²⁾		42.10	42.90	44.90	44.50
	Current Input (Nominal)	Cooling ¹⁾	A	69.10	69.90	73.20	76.60
		Heating ²⁾		67.60	68.80	72.00	71.40
	MCA			125.4	125.4	133.1	141.4
	MFA			150	150	150	200
COP	Nominal Cooling ¹⁾		-	3.64	3.74	3.68	3.64
	Nominal Heating ²⁾		-	4.19	4.28	4.20	4.39
Compressor	Type		-	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6
	Output		kW × n	(6.13) + (6.13x2)x2	(6.13) + (6.13x2)x2	(4.96x2) + (6.13x2)x2	(6.13x2)x2 + (6.13x2)
	Model Name		-	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 4	DS-GB066FAVASG x 6
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc	11500	11500	13800	13800
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	400 x 1 + (620 x 2) x 2	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3
	Air Flow Rate		CMM	190 + 295 x 2	260 + 295 x 2	260 + 295 x 2	275 x 2 + 295
			l/s	3,166.67 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,583.33 x 2 + 4,916.67
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05	19.05	22.22
			Ø, inch	3/4	3/4	3/4	7/8
	Gas Pipe		Ø, mm	41.28	41.28	41.28	53.98
			Ø, inch	1 5/8	1 5/8	1 5/8	2 1/8
	Discharge Gas Pipe		Ø, mm	34.92	34.92	34.92	41.28
			Ø, inch	1 3/8	1 3/8	1 3/8	1 5/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	22.30	24.50	24.20	25.20
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	195.0 + 306.0 x 2	241.0 + 306.0 x 2	284.0 + 306.0 x 2	306.0 x 3
	Shipping Weight		kg	211.0 + 325.0 x 2	260.0 + 325.0 x 2	303.0 + 325.0 x 2	325.0 x 3
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

Model Name				AM640FXVAGR***	AM660FXVAGR***	AM680FXVAGR***	AM700FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	64.00	66.00	68.00	70.00
	Capacity (Nominal)	Cooling	kW	179.20	184.80	190.40	196.80
			Btu/h	611,500	630,600	649,700	671,500
		Heating	kW	201.60	207.90	214.20	221.40
			Btu/h	687,900	709,400	730,900	755,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	49.89	52.05	51.50	52.00
		Heating ²⁾		47.30	50.10	50.80	51.60
	Current Input (Nominal)	Cooling ¹⁾	A	80.00	83.40	82.60	83.40
		Heating ²⁾		75.90	80.40	81.60	82.80
	MCA			144.1	146.9	152.9	152.9
	MFA			200	200	200	200
COP	Nominal Cooling ¹⁾		-	3.59	3.55	3.70	3.78
	Nominal Heating ²⁾		-	4.26	4.15	4.22	4.29
Compressor	Type		-	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6
	Output		kW × n	(6.13x2) + (6.13x2)x2	(6.13x2)x3	(6.13)x2 + (6.13x2)x2	(6.13) + (6.13) + (6.13x2)x2
	Model Name		-	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6
	Oil	Type	-	PVE	PVE	PVE	PVE
Initial Charge		cc	13800	13800	13800	13800	
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	(620 x 2) x 3	(620 x 2) x 3	(400 x 1) x 2 + (620 x 2) x 2	400 x 1 + (620 x 2) x 3
	Air Flow Rate		CMM	275 + 295 x 2	295 x 3	190 x 2 + 295 x 2	190 + 260 + 295 x 2
			l/s	4,583.33 + 4,916.67 x 2	4,916.67 x 3	3,166.67 x 2 + 4,916.67 x 2	3,166.67 + 4,333.33 + 4,916.67 x 2
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00	8.00
			Pa	78.45	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	22.22	22.22	22.22	22.22
			Ø, inch	7/8	7/8	7/8	7/8
	Gas Pipe		Ø, mm	53.98	53.98	53.98	53.98
			Ø, inch	2 1/8	2 1/8	2 1/8	2 1/8
	Discharge Gas Pipe		Ø, mm	41.28	41.28	41.28	41.28
			Ø, inch	1 5/8	1 5/8	1 5/8	1 5/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	25.20	25.20	27.80	30.00
Sound	Sound Pressure		dB(A)	-	-	-	-
	Sound Power		dB(A)	-	-	-	-
External Dimension	Net Weight		kg	306.0 x 3	306.0 x 3	195.0 x 2 + 306.0 x 2	195.0 + 241.0 + 306.0 x 2
	Shipping Weight		kg	325.0 x 3	325.0 x 3	211.0 x 2 + 325.0 x 2	211.0 + 260.0 + 325.0 x 2
	Net Dimensions (WxHxD)		mm	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(880 x 1,695 x 765) x 2 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD)		mm	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(948 x 1,857 x 832) x 2 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal 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

1 Specifications

1-2. DVM S HR

Model Name				AM720FXVAGR***	AM740FXVAGR***	AM760FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	72.00	74.00	76.00
	Capacity (Nominal)	Cooling	kW	201.80	207.20	212.80
			Btu/h	688,600	707,000	726,100
		Heating	kW	226.40	233.10	239.40
			Btu/h	772,500	795,400	816,900
Power	Power Input (Nominal)	Cooling ¹⁾	kW	54.10	55.98	58.29
		Heating ²⁾		53.60	54.00	56.00
	Current Input (Nominal)	Cooling ¹⁾	A	86.70	89.80	93.50
		Heating ²⁾		86.00	86.70	89.90
	MCA			160.6	168.4	171.6
	MFA			200	200	200
COP	Nominal Cooling ¹⁾		-	3.73	3.70	3.65
	Nominal Heating ²⁾		-	4.22	4.32	4.28
Compressor	Type		-	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7
	Output		kW × n	(6.13) + (4.96x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2
	Model Name		-	DS-GB066FAVASG x 5 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7
	Oil	Type	-	PVE	PVE	PVE
		Initial Charge	cc	16100	16100	16100
Fan	Type		-	Propeller	Propeller	Propeller
	Output x n		W	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3
	Air Flow Rate		CMM	190 + 260 + 295 x 2	190 + 270 + 295 x 2	190 + 275 + 295 x 2
			l/s	3,166.67 + 4,333.33 + 4,916.67 x 2	3,166.67 + 4,500.00 + 4,916.67 x 2	3,166.67 + 4,583.33 + 4,916.67 x 2
	External Static Pressure	Max.	mmAq	8.00	8.00	8.00
			Pa	78.45	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	22.22	22.22	22.22
			Ø, inch	7/8	7/8	7/8
	Gas Pipe		Ø, mm	53.98	53.98	53.98
			Ø, inch	2 1/8	2 1/8	2 1/8
	Discharge Gas Pipe		Ø, mm	41.28	41.28	41.28
			Ø, inch	1 5/8	1 5/8	1 5/8
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)
Max. Height		m	110(40)	110(40)	110(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	29.70	31.00	30.70
Sound	Sound Pressure		dB(A)	-	-	-
	Sound Power		dB(A)	-	-	-
External Dimension	Net Weight		kg	195.0 + 284.0 + 306.0 x 2	195.0 + 306.0 x 3	195.0 + 306.0 x 3
	Shipping Weight		kg	211.0 + 303.0 + 325.0 x 2	211.0 + 325.0 x 3	211.0 + 325.0 x 3
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

- Nominal cooling capacities are based on;
Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m
- Nominal 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

Model Name				AM780FXVAGR***	AM800FXVAGR***
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50
Mode			-	HEAT RECOVERY	HEAT RECOVERY
Performance	HP		HP	78.00	80.00
	Capacity (Nominal)	Cooling	kW	218.40	224.80
			Btu/h	745,200	767,000
		Heating	kW	245.70	252.90
			Btu/h	838,400	862,900
Power	Power Input (Nominal)	Cooling ¹⁾	kW	60.45	60.95
		Heating ²⁾		58.80	59.60
	Current Input (Nominal)	Cooling ¹⁾	A	96.90	97.70
		Heating ²⁾		94.40	95.60
	MCA			174.4	174.4
	MFA			200	200
COP	Nominal Cooling ¹⁾		-	3.61	3.69
	Nominal Heating ²⁾		-	4.18	4.24
Compressor	Type		-	SSC Scroll x 7	SSC Scroll x 7
	Output		kW x n	(6.13) + (6.13x2)x3	(6.13) + (6.13x2)x3
	Model Name		-	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7
	Oil	Type	-	PVE	PVE
		Initial Charge	cc	16100	16100
Fan	Type		-	Propeller	Propeller
	Output x n		W	400 x 1 + (620 x 2) x 3	(620 x 2) x 4
	Air Flow Rate		CMM	190 + 295 x 3	260 + 295 x 3
			l/s	3,166.67 + 4,916.67 x 3	4,333.33 + 4,916.67 x 3
	External Static Pressure	Max.	mmAq	8.00	8.00
			Pa	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	22.22	22.22
			Ø, inch	7/8	7/8
			Ø, mm	53.98	53.98
	Gas Pipe		Ø, inch	2 1/8	2 1/8
			Ø, mm	41.28	41.28
			Ø, inch	1 5/8	1 5/8
	Installation Limitation	Max. Length	m	200(220)	200(220)
Max. Height		m	110(40)	110(40)	
Field Wiring	Power Source Wire		mm²	-	-
	Transmission Cable		mm²	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	30.70	32.90
Sound	Sound Pressure		dB(A)	-	-
	Sound Power		dB(A)	-	-
External Dimension	Net Weight		kg	195.0 + 306.0 x 3	241.0 + 306.0 x 3
	Shipping Weight		kg	211.0 + 325.0 x 3	260.0 + 325.0 x 3
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 4
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 4
Operating Temp. Range	Cooling		°C	-15 ~ 48	-15 ~ 48
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0

If outdoor unit is located in a higher position than indoor unit, level difference is 110m or under. (If the level difference is higher than 50m, make a decision simulating by PDM kit installation Guide software whether the PDM kit should be installed or not.) *PDM kit: Pressure Drop Modulation kit

1) Nominal cooling capacities are based on;

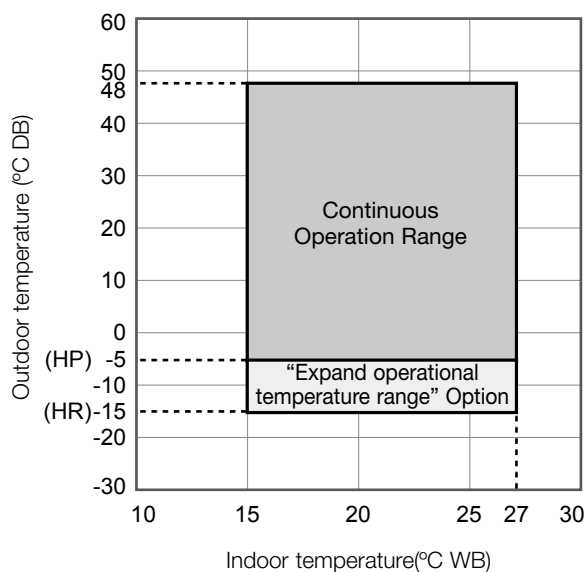
Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, Equivalent refrigerant piping : 7.5m , Level differences : 0m

2) Nominal heating capacities are based on;

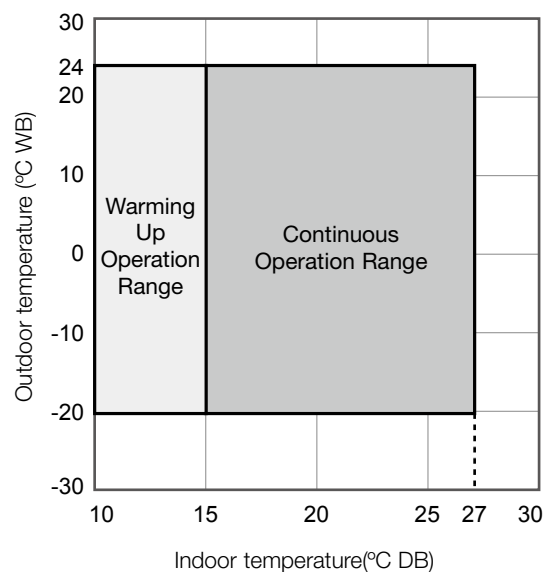
Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

2 Operation limit

2-1. Cooling



2-2. Heating

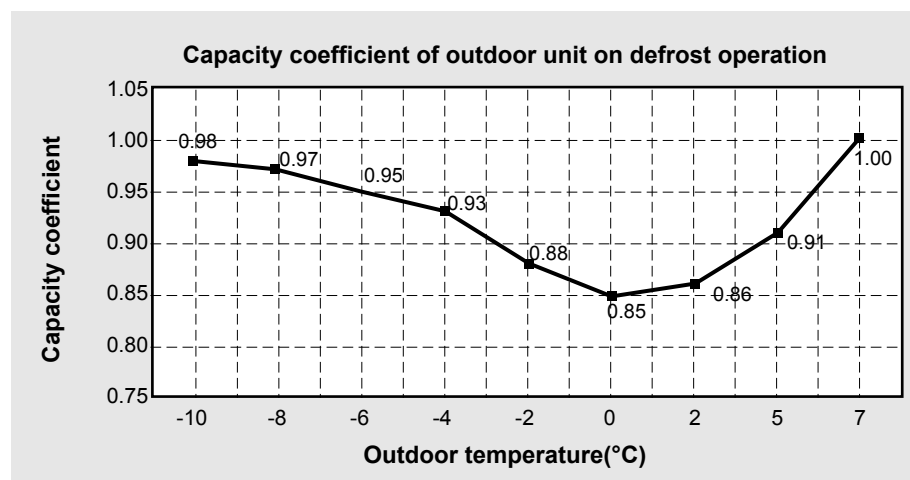


2-3. Defrosting correction factor

- ◆ 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.

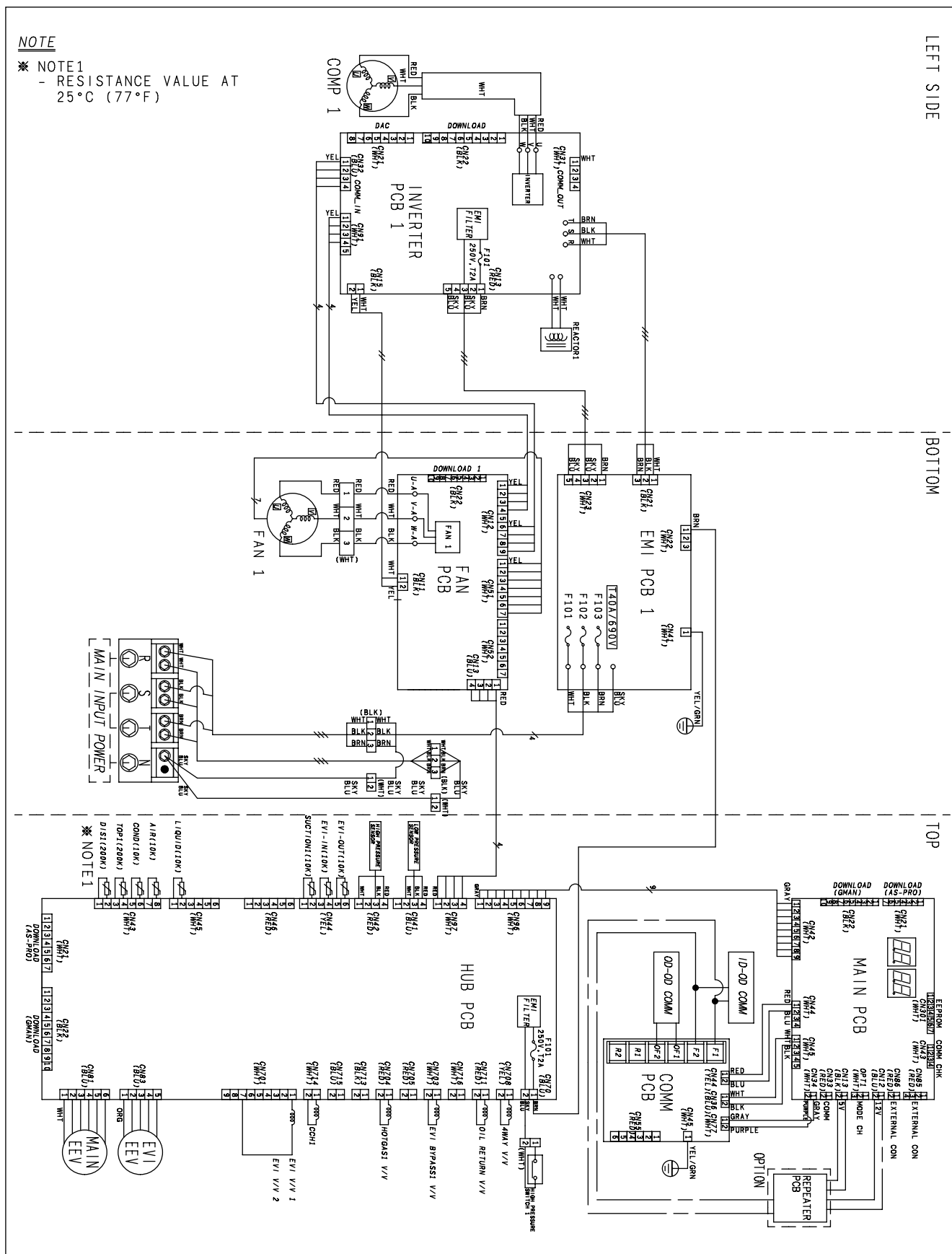
Outdoor temperature (°C, DB)	-10	-8	-6	-4	-2	0	3	5	7
Capacity coefficient	0.98	0.97	0.95	0.93	0.88	0.85	0.86	0.91	1

Corrected Heating Capacity = heating Capacity X Capacity coefficient



Outdoor units

LEFT SIDE



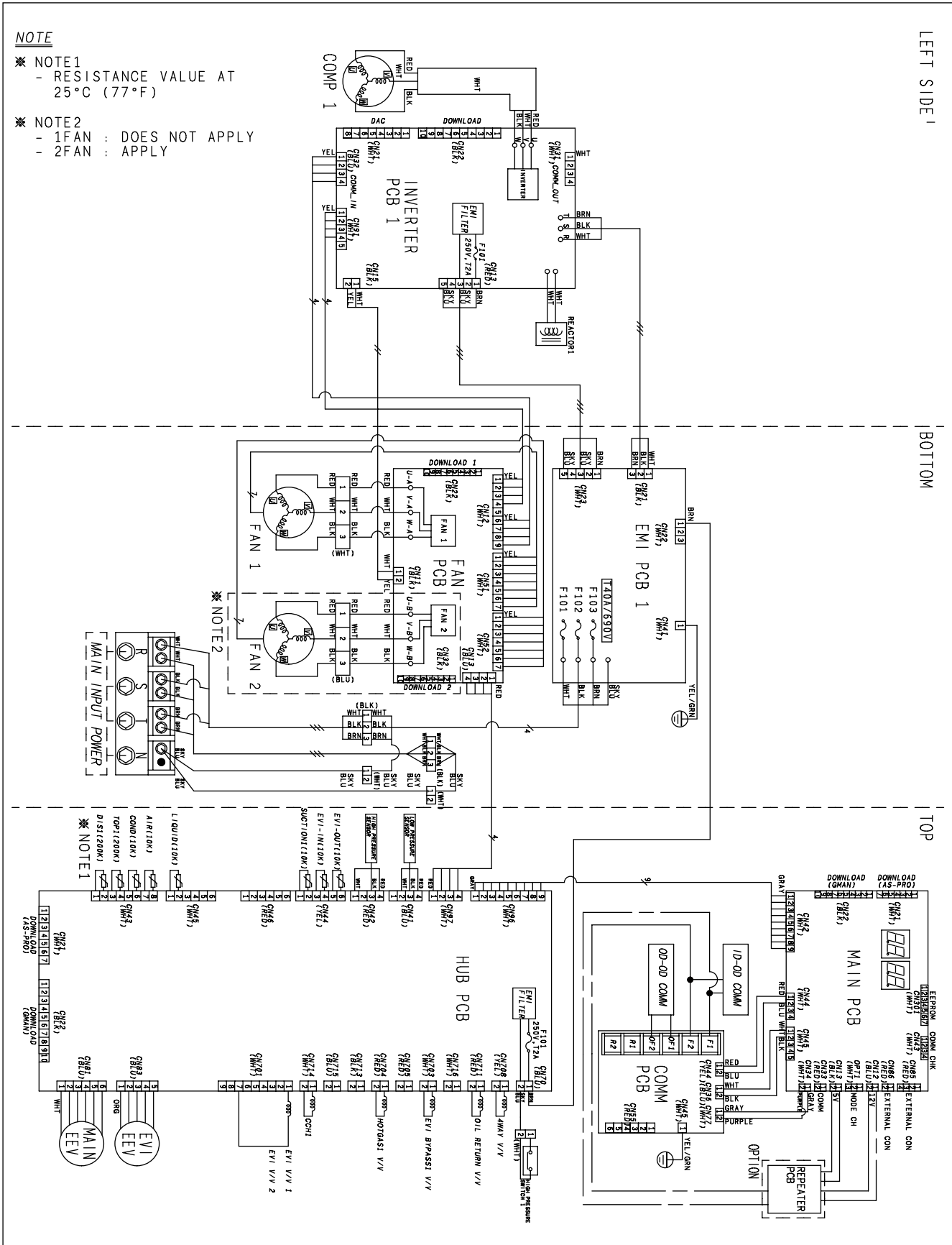
3 Electrical wiring diagram

3-1. Heat Pump

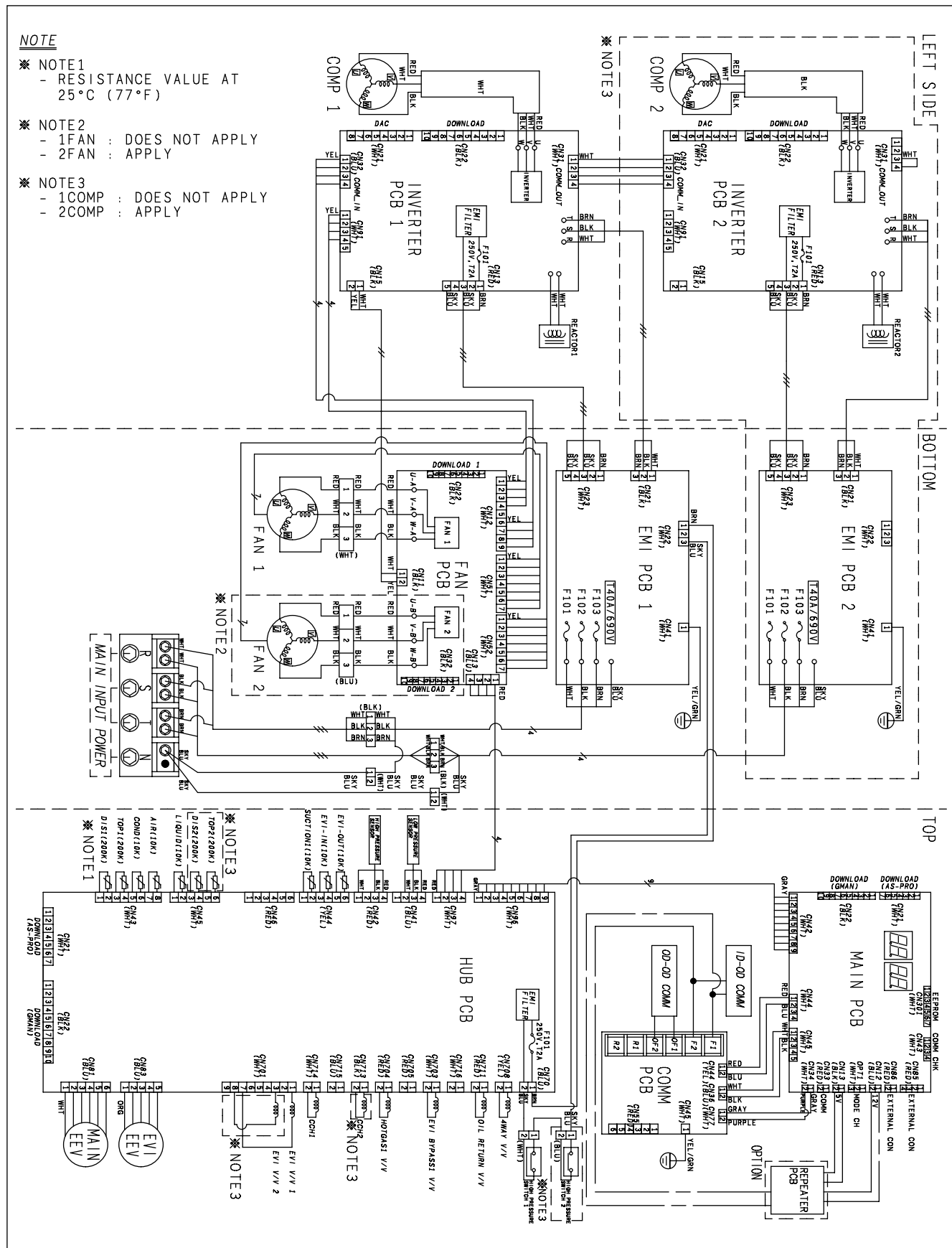
2) AM140FXVAGH***

NOTE

- * NOTE1
- RESISTANCE VALUE AT
25°C (77°F)
- * NOTE2
- 1FAN : DOES NOT APPLY
- 2FAN : APPLY



3) AM160~220FXVAGH***



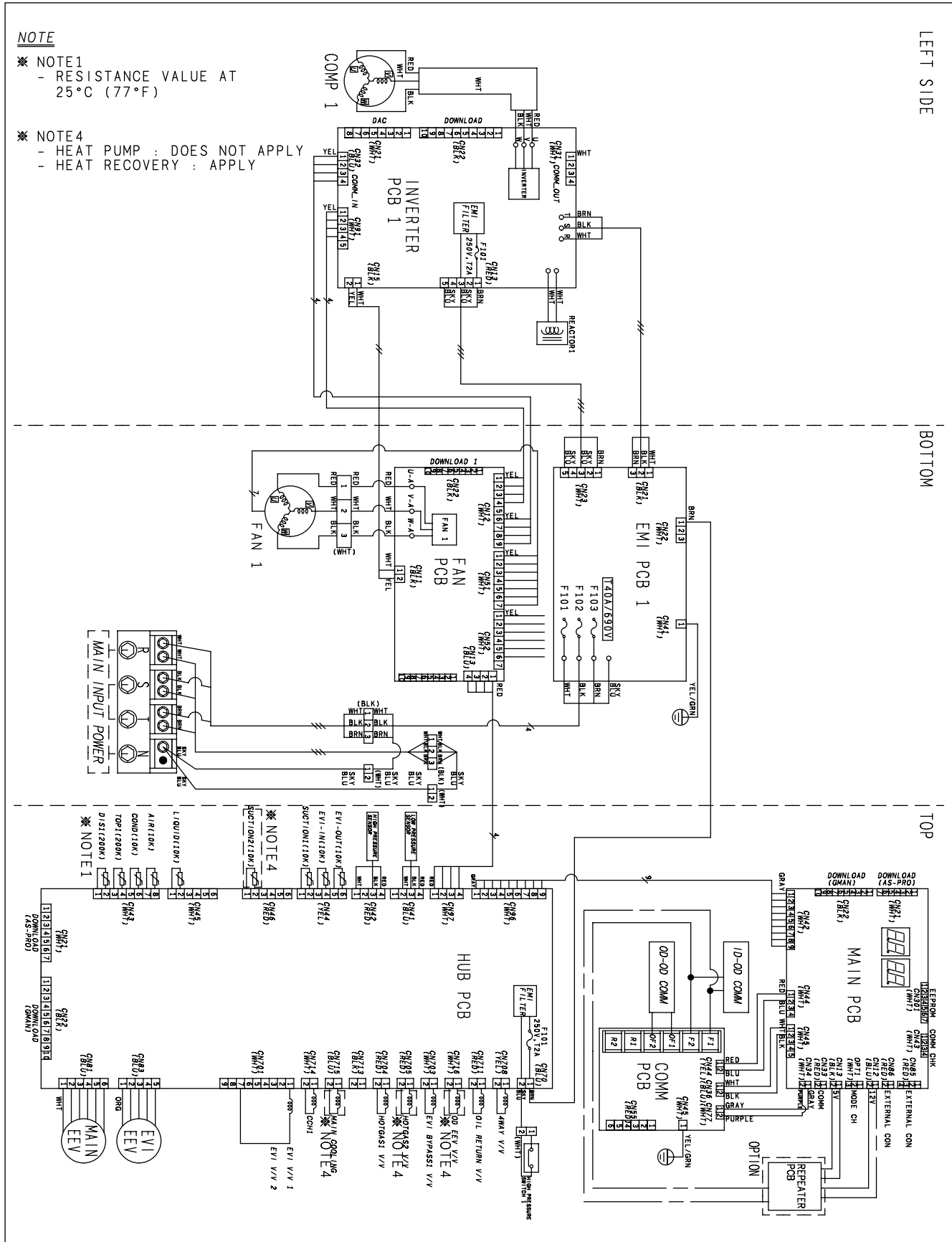
3 Electrical wiring diagram

3-2. Heat Recovery

1) AM080~120FXVAGR***

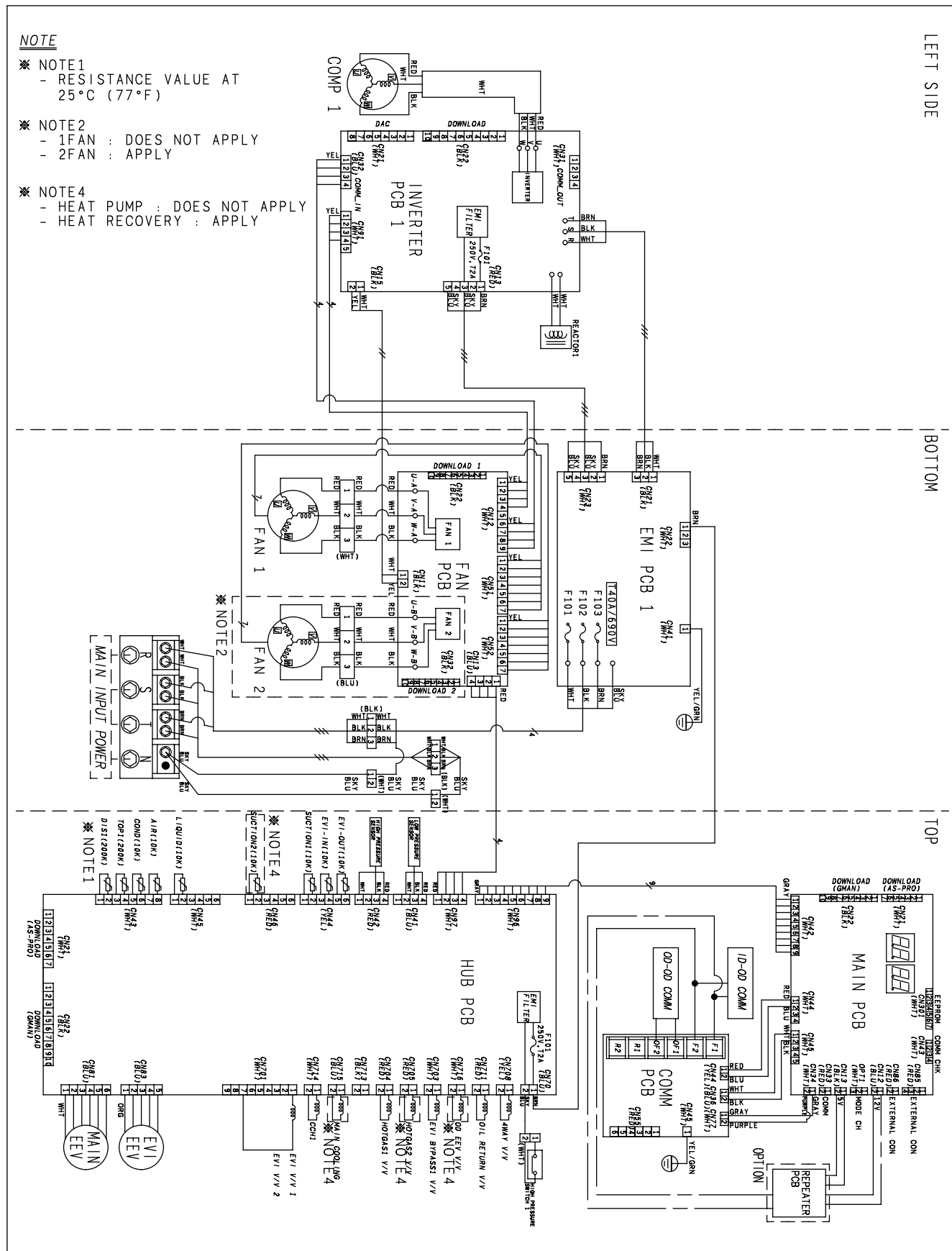
NOTE

- ※ NOTE1
- RESISTANCE VALUE AT
25°C (77°F)
- ※ NOTE4
- HEAT PUMP : DOES NOT APPLY
- HEAT RECOVERY : APPLY



3-2. Heat Recovery

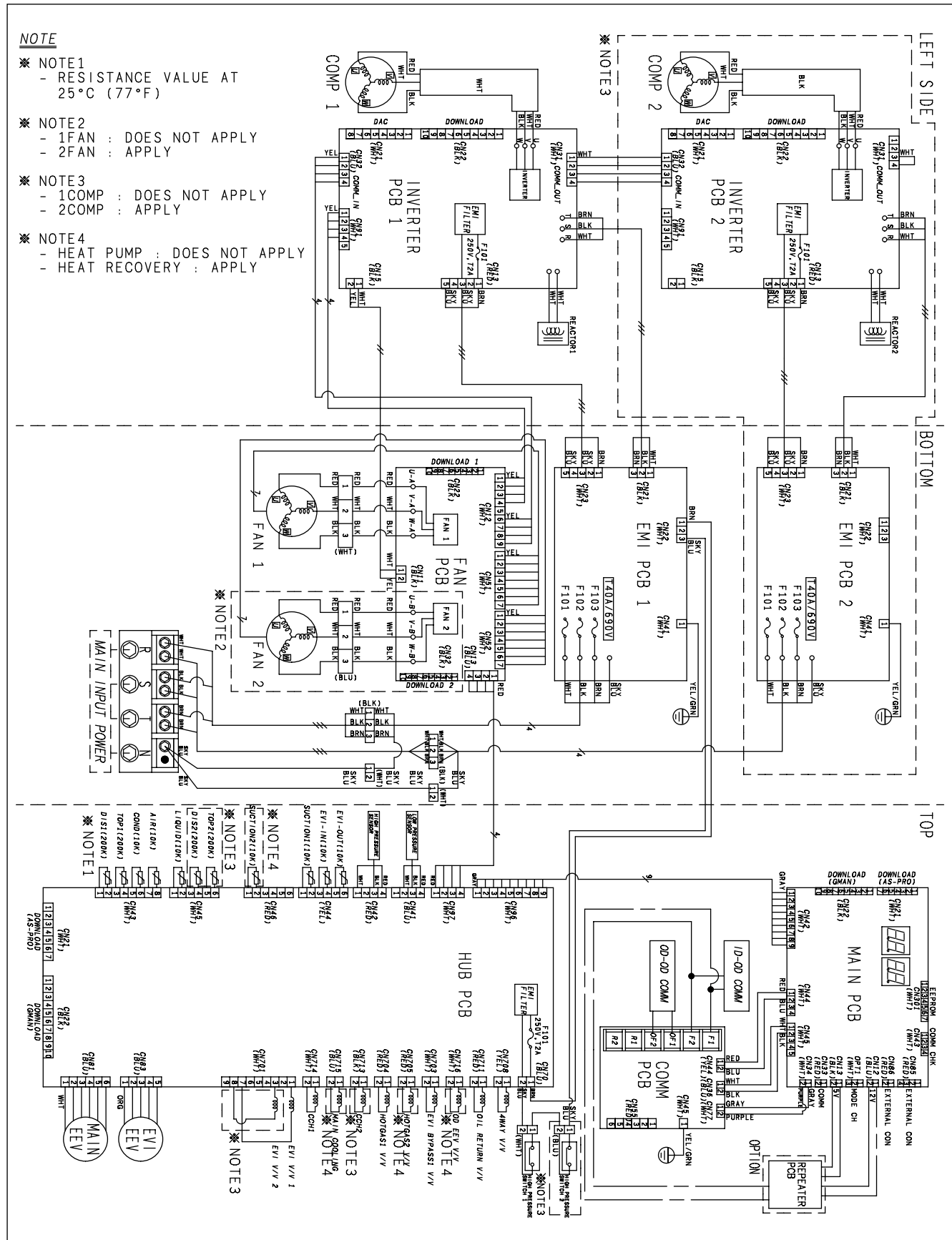
2) AM140FXVAGR***



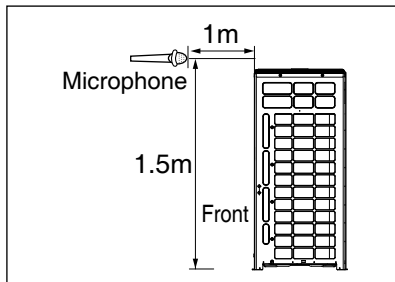
3 Electrical wiring diagram

3-2. Heat Recovery

3) AM160~220FXVAGR***



4-1. Sound pressure level



Unit: dB(A)

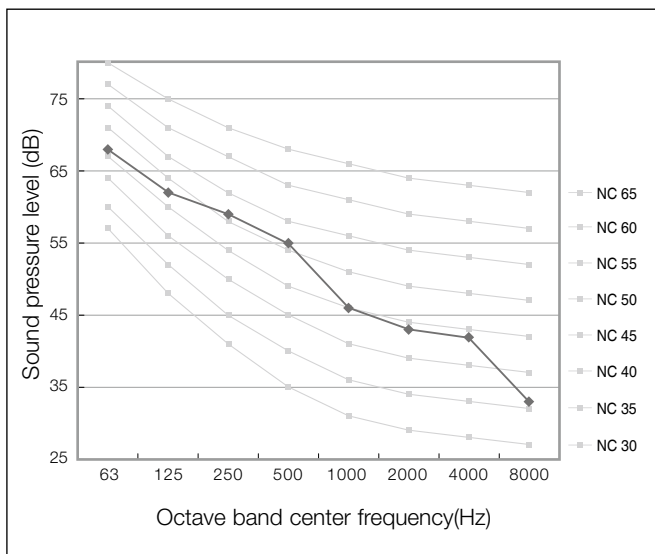
Model	Pressure
AM080FXVAGH***, AM080FXVAGR***	57
AM100FXVAGH***, AM100FXVAGR***	58
AM120FXVAGH***, AM120FXVAGR***	62
AM140FXVAGH***, AM140FXVAGR***	61
AM160FXVAGH***, AM160FXVAGR***	63
AM180FXVAGH***, AM180FXVAGR***	64
AM200FXVAGH***, AM200FXVAGR***	65
AM220FXVAGH***, AM220FXVAGR***	67

☒ **Note**

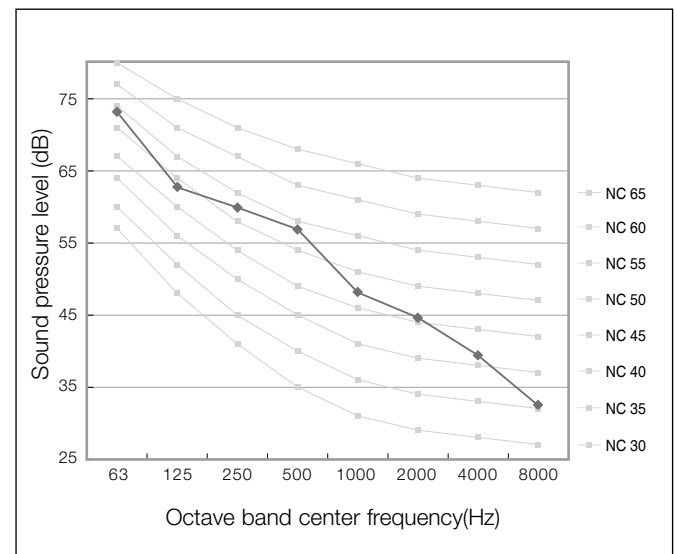
- ◆ Measuring place: Anechoic chamber (conversion value)
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ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

4-2. NC curves

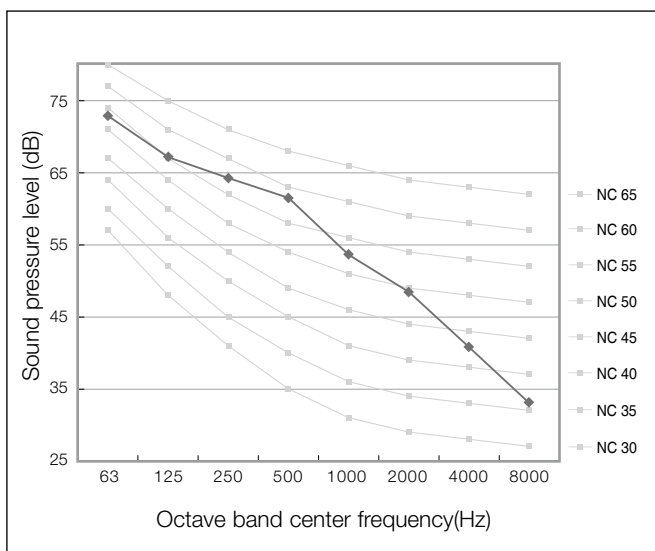
1) AM080FXVAGH***, AM080FXVAGR***



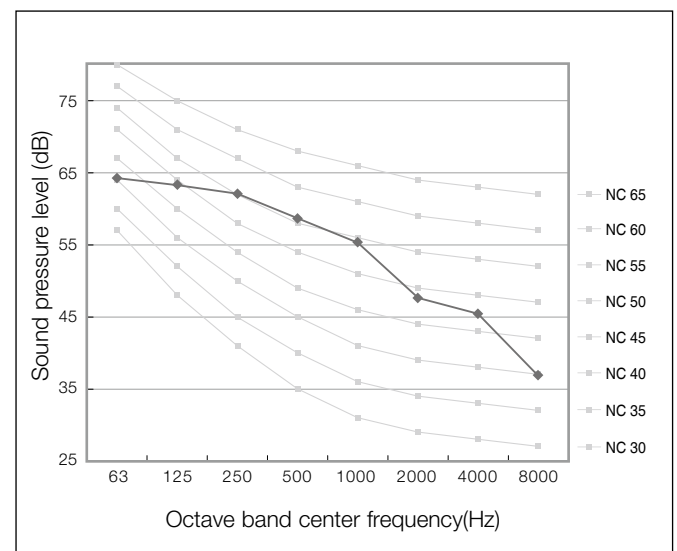
2) AM100FXVAGH***, AM100FXVAGR***



3) AM120FXVAGH***, AM120FXVAGR***

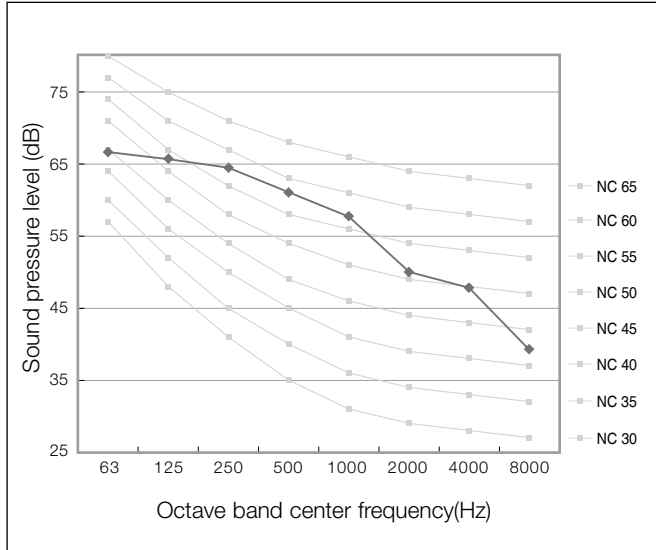


4) AM140FXVAGH***, AM140FXVAGR***

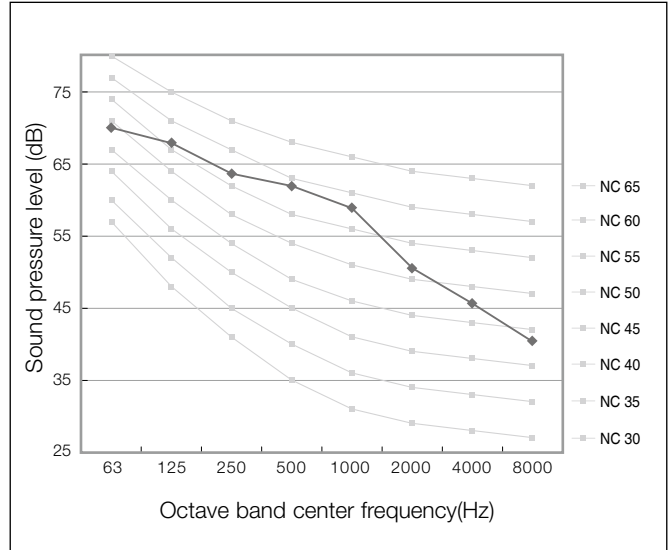


4-2. NC curves

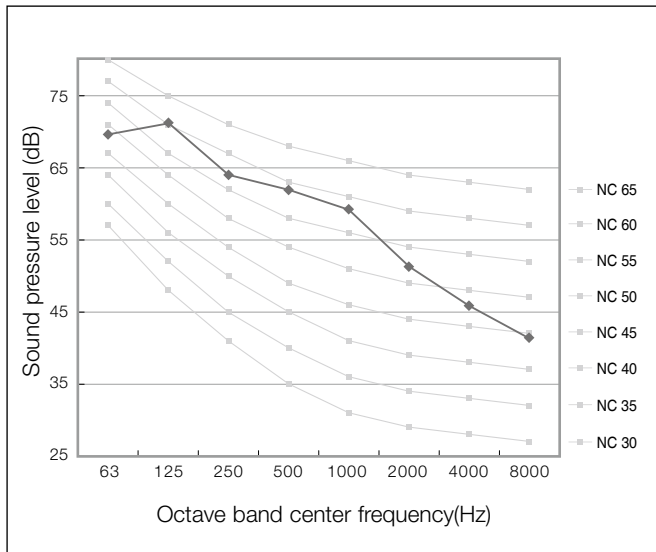
5) AM160FXVAGH***, AM160FXVAGR***



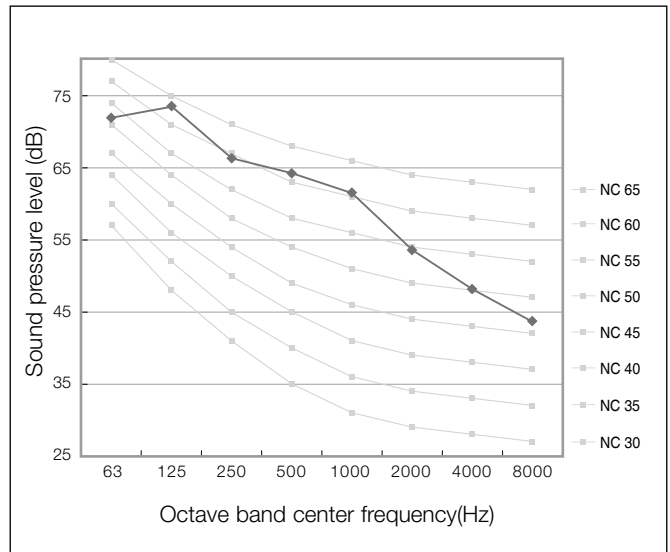
6) AM180FXVAGH***, AM180FXVAGR***



7) AM200FXVAGH***, AM200FXVAGR***



8) AM220FXVAGH***, AM220FXVAGR***



4-3. Sound Power

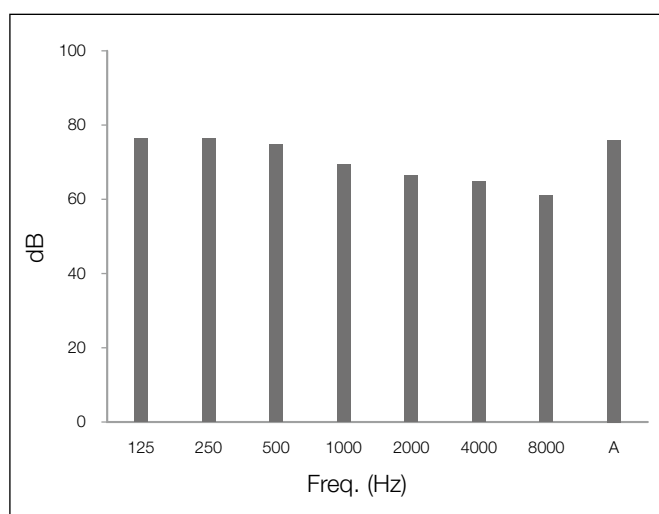
☒ **Note**

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

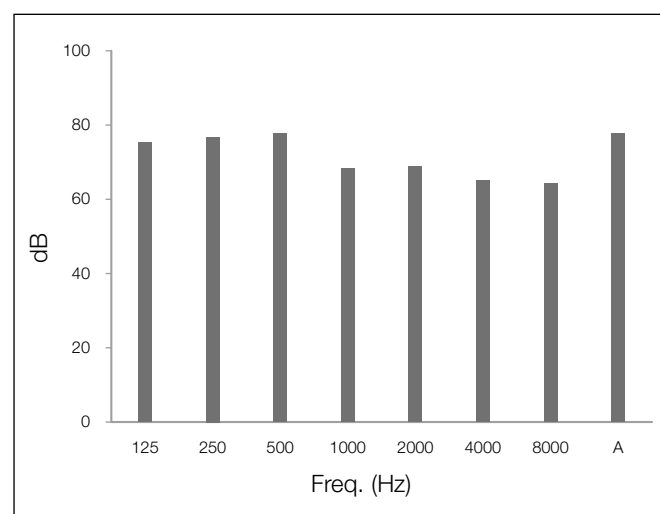
Unit: dB(A)

Model	Power
AM080FXVAGH***, AM080FXVAGR***	77
AM100FXVAGH***, AM100FXVAGR***	79
AM120FXVAGH***, AM120FXVAGR***	81
AM140FXVAGH***, AM140FXVAGR***	81
AM160FXVAGH***, AM160FXVAGR***	83
AM180FXVAGH***, AM180FXVAGR***	86
AM200FXVAGH***, AM200FXVAGR***	87
AM220FXVAGH***, AM220FXVAGR***	89

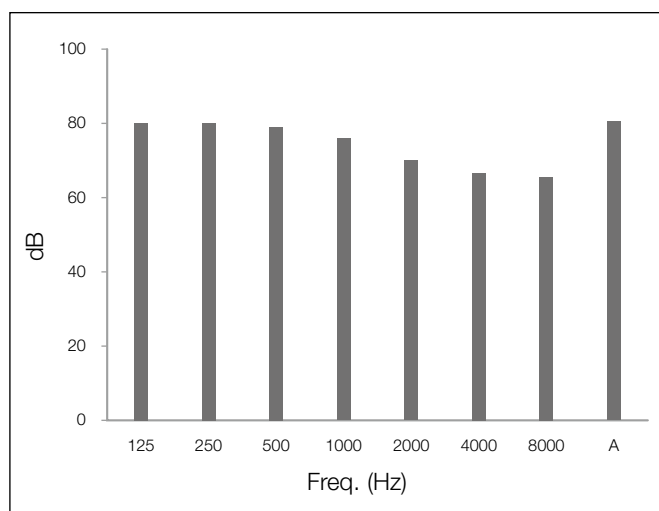
1) AM080FXVAGH***, AM080FXVAGR***



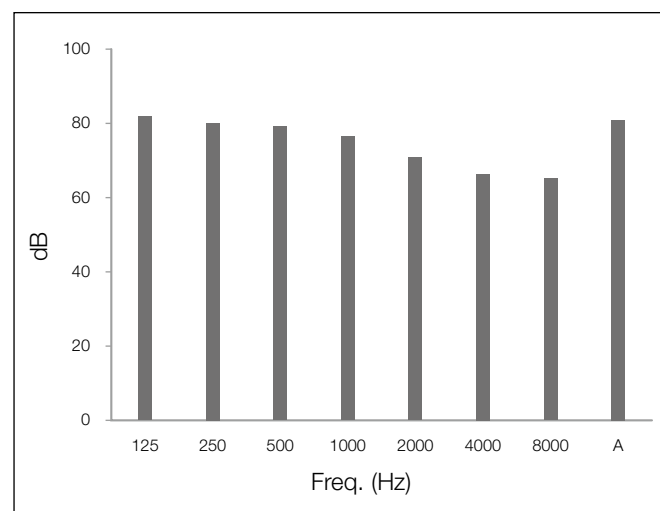
2) AM100FXVAGH***, AM100FXVAGR***



3) AM120FXVAGH***, AM120FXVAGR***



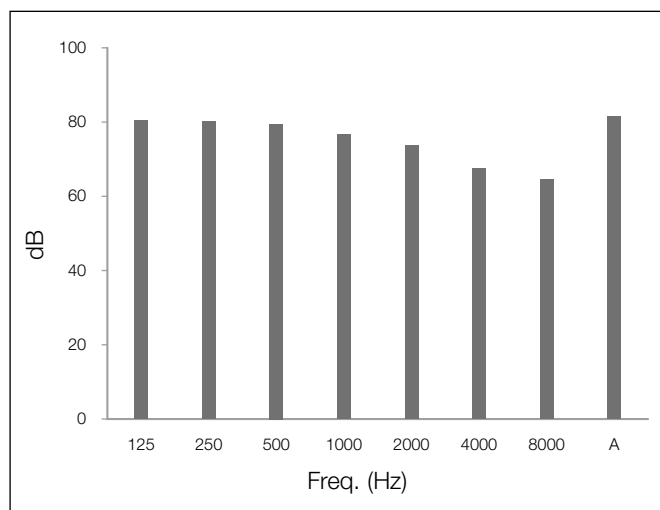
4) AM140FXVAGH***, AM140FXVAGR***



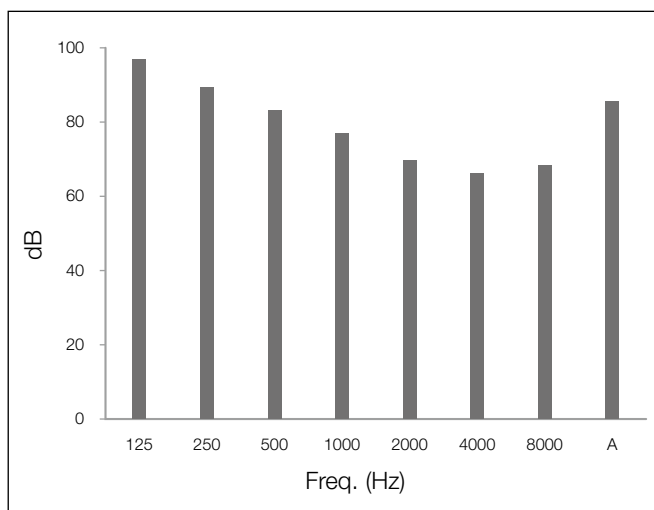
4 Sound level

4-3. Sound Power

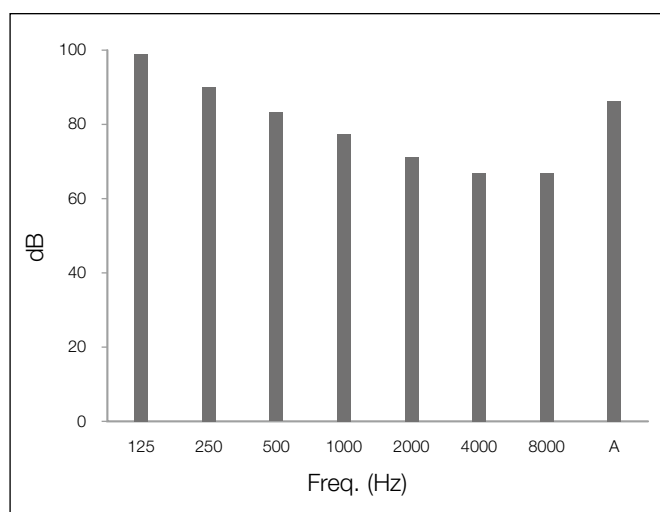
5) AM160FXVAGH***, AM160FXVAGR***



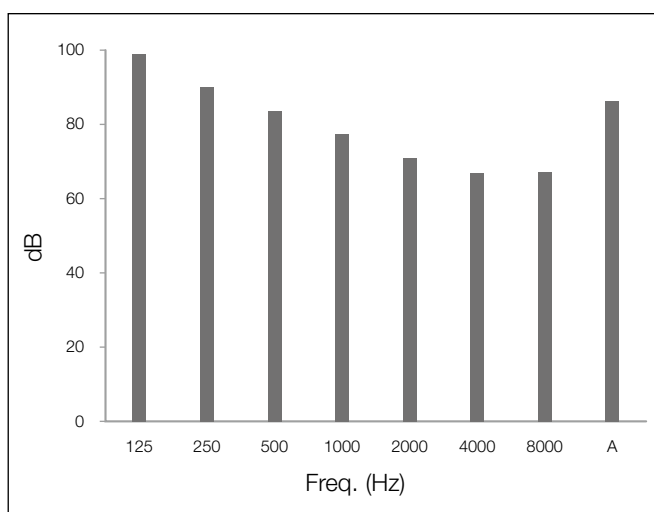
6) AM180FXVAGH***, AM180FXVAGR***



7) AM200FXVAGH***, AM200FXVAGR***



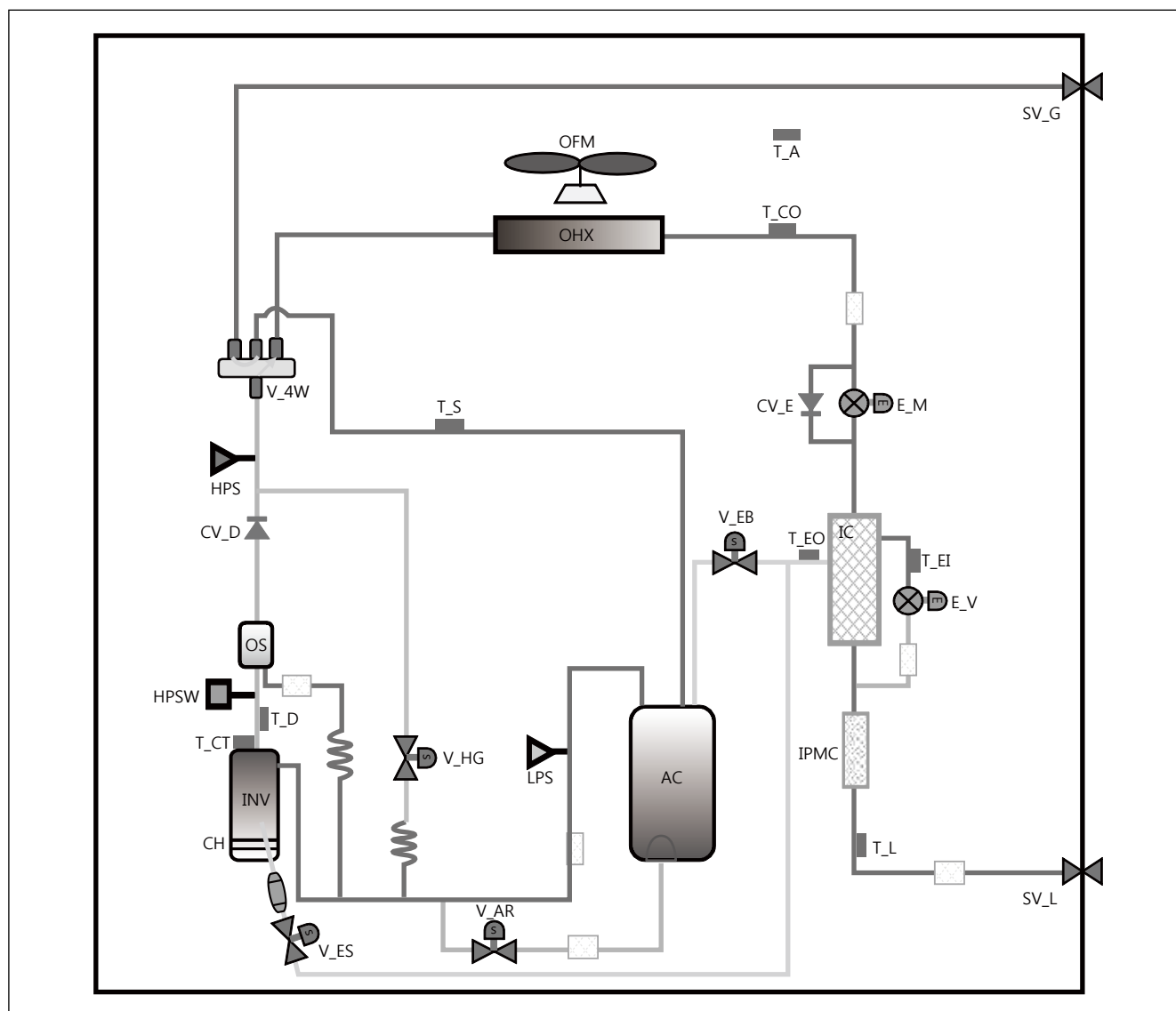
8) AM220FXVAGH***, AM220FXVAGR***



5 Cycle diagrams

5-1. Parts of outdoor unit (HP)

1) AM080/100/120FXVAGH***



Outdoor units

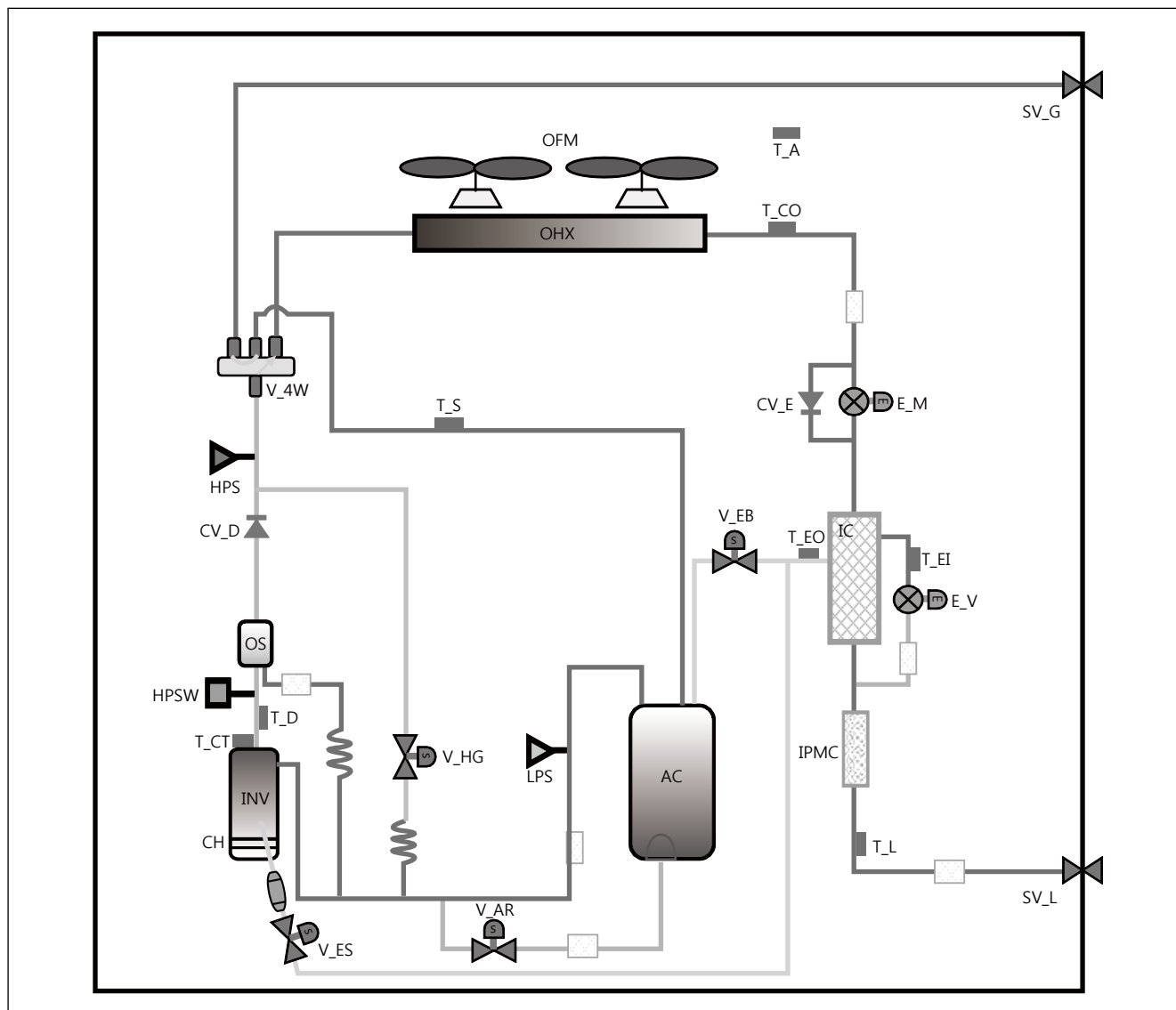
Classification	Description
INV	Inverter Compressor
OFM	Outdoor Fan Motor
OHX	Outdoor Heat Exchanger
AC	Accumulator
OS	Oil Separator
IC	Intercooler
IPMC	IPM Cooler
CH	Crank Case Heater
HPS	High Pressure Sensor
LPS	Low Pressure Sensor
HPSW	High Pressure Switch
E_M	Main EEV
E_EV	EVI EEV
V_ES	EVI Solenoid Valve
V_EB	EVI Bypass Valve

Classification	Description
V_HG	Hot Gas Bypass Valve
V_4W	4way Valve
V_AR	Accumulator Oil Return Valve
CV_E	EEV Bypass Check Valve
CV_D	Discharge Check Valve
T_D	Discharge Temperature Sensor
T_S	Suction Temperature Sensor
T_CO	Condenser Out Temperature Sensor
T_EI	EVI In Temperature Sensor
T_EO	EVI Out Temperature Sensor
T_L	Liquid Tube Temperature Sensor
T_CT	Compressor Top Temperature Sensor
T_A	Ambient Temperature Sensor
SV_G	Gas Pipe Service Valve
SV_L	Liquid Pipe Service Valve

5 Cycle diagrams

5-1. Parts of outdoor unit (HP)

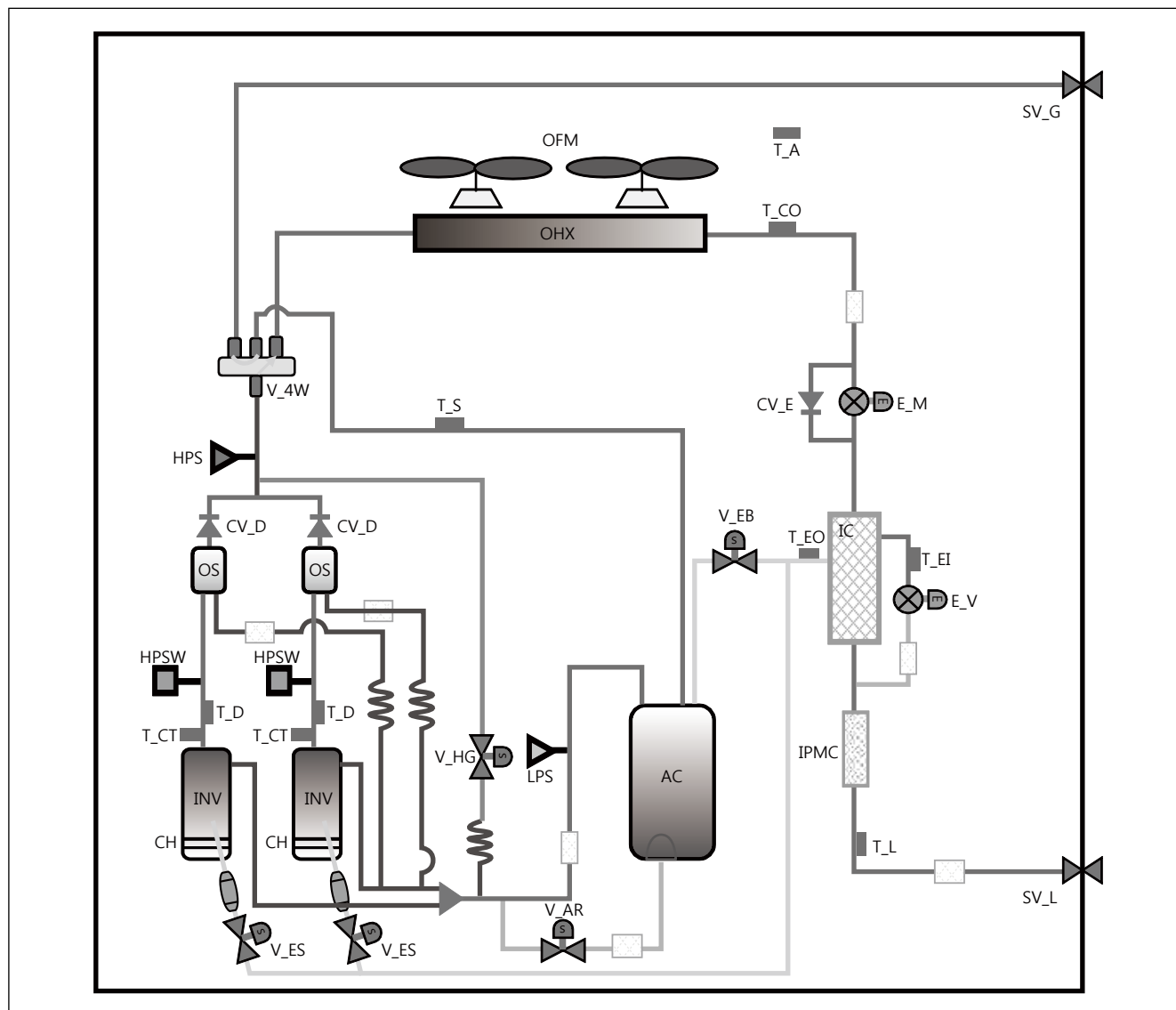
2) AM140FXVAGH***



Classification	Description
INV	Inverter Compressor
OFM	Outdoor Fan Motor
OHX	Outdoor Heat Exchanger
AC	Accumulator
OS	Oil Separator
IC	Intercooler
IPMC	IPM Cooler
CH	Crank Case Heater
HPS	High Pressure Sensor
LPS	Low Pressure Sensor
HPSW	High Pressure Switch
E_M	Main EEV
E_EV	EVI EEV
V_ES	EVI Solenoid Valve
V_EB	EVI Bypass Valve

Classification	Description
V_HG	Hot Gas Bypass Valve
V_4W	4way Valve
V_AR	Accumulator Oil Return Valve
CV_E	EEV Bypass Check Valve
CV_D	Discharge Check Valve
T_D	Discharge Temperature Sensor
T_S	Suction Temperature Sensor
T_CO	Condenser Out Temperature Sensor
T_EI	EVI In Temperature Sensor
T_EO	EVI Out Temperature Sensor
T_L	Liquid Tube Temperature Sensor
T_CT	Compressor Top Temperature Sensor
T_A	Ambient Temperature Sensor
SV_G	Gas Pipe Service Valve
SV_L	Liquid Pipe Service Valve

3) AM160/180/200/220FXVAGH***



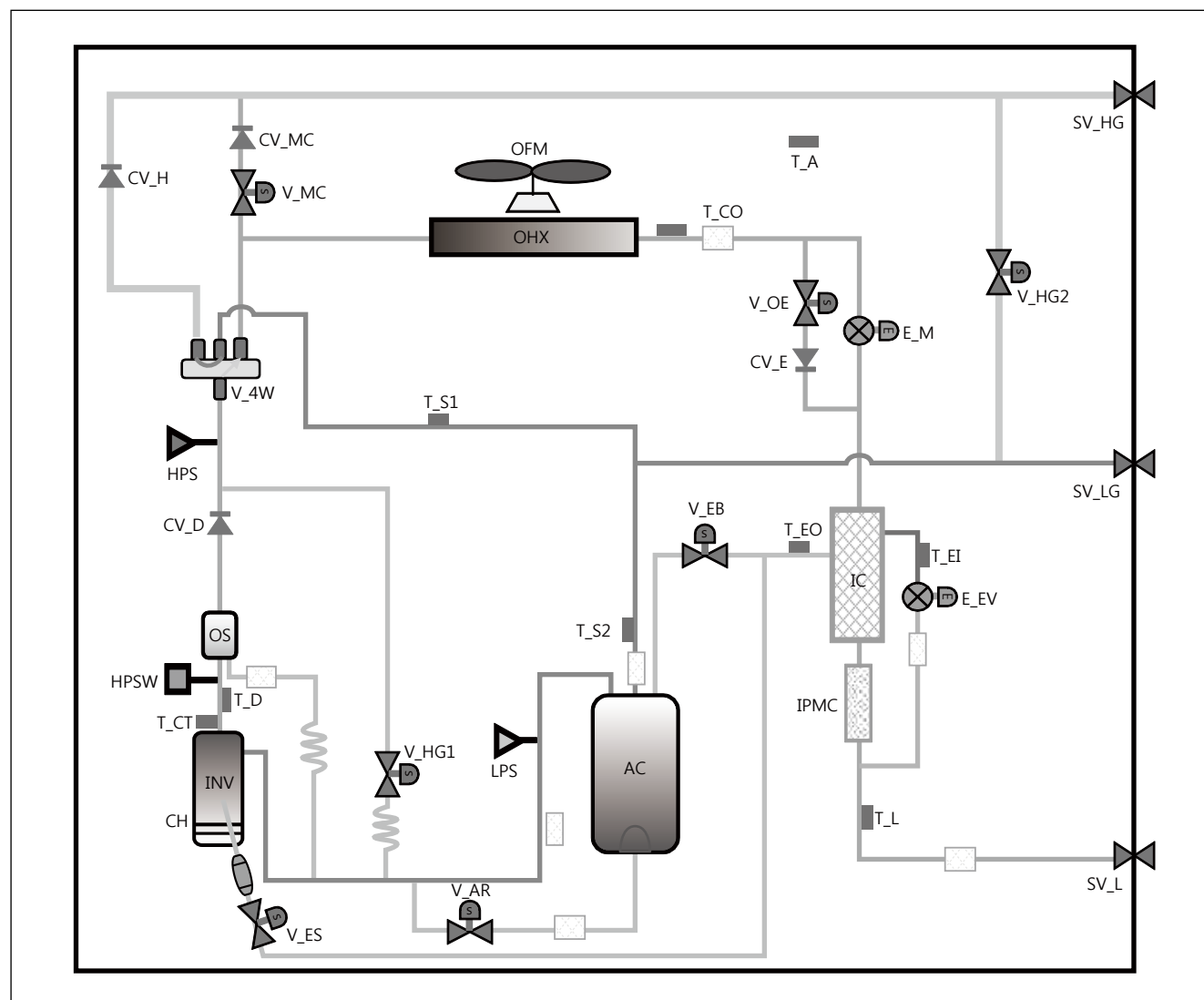
Classification	Description
INV	Inverter Compressor
OFM	Outdoor Fan Motor
OHX	Outdoor Heat Exchanger
AC	Accumulator
OS	Oil Separator
IC	Intercooler
IPMC	IPM Cooler
CH	Crank Case Heater
HPS	High Pressure Sensor
LPS	Low Pressure Sensor
HPSW	High Pressure Switch
E_M	Main EEV
E_EV	EVI EEV
V_ES	EVI Solenoid Valve
V_EB	EVI Bypass Valve

Classification	Description
V_HG	Hot Gas Bypass Valve
V_4W	4way Valve
V_AR	Accumulator Oil Return Valve
CV_E	EEV Bypass Check Valve
CV_D	Discharge Check Valve
T_D	Discharge Temperature Sensor
T_S	Suction Temperature Sensor
T_CO	Condenser Out Temperature Sensor
T_EI	EVI In Temperature Sensor
T_EO	EVI Out Temperature Sensor
T_L	Liquid Tube Temperature Sensor
T_CT	Compressor Top Temperature Sensor
T_A	Ambient Temperature Sensor
SV_G	Gas Pipe Service Valve
SV_L	Liquid Pipe Service Valve

5 Cycle diagrams

5-2. Parts of outdoor unit (HR)

1) AM080/100/120FXVAGR***



Classification	Description
INV	Inverter Compressor
OFM	Outdoor Fan Motor
OHX	Outdoor Heat Exchanger
AC	Accumulator
OS	Oil Separator
IC	Intercooler
IPMC	IPM Cooler
CH	Crank Case Heater
HPS	High Pressure Sensor
LPS	Low Pressure Sensor
HPSW	High Pressure Switch
E_M	Main EEV
E_EV	EVI EEV
V_MC	Main Cooling Valve
V_ES	EVI Solenoid Valve
V_EB	EVI Bypass Valve
V_HG1	Hot Gas Bypass Valve 1
V_HG2	Hot Gas Bypass Valve 2

Classification	Description
V_4W	4Way Valve
V_AR	Accumulator Oil Return Valve
V_OE	Outdoor EEV Valve
CV_E	EEV Bypass Check Valve
CV_D	Discharge Check Valve
CV_H	HR Check valve
CV_MC	Main Cooling Check Valve
T_D	Discharge Temp. Sensor
T_S1	Suction Temp. Sensor 1
T_S2	Suction Temp. Sensor 2
T_CO	Cond Out Temp. Sensor
T_EI	EVI In Temp. Sensor
T_EO	EVI Out Temp. Sensor
T_L	Liquid Tube Temp. Sensor
T_CT	Comp. Top Temp. Sensor
T_A	Ambient Temp. Sensor
SV_HG	Low Gas Pipe Service Valve
SV_LG	Ambient Temp. Sensor
SV_L	Liquid Pipe Service Valve

Outdoor units

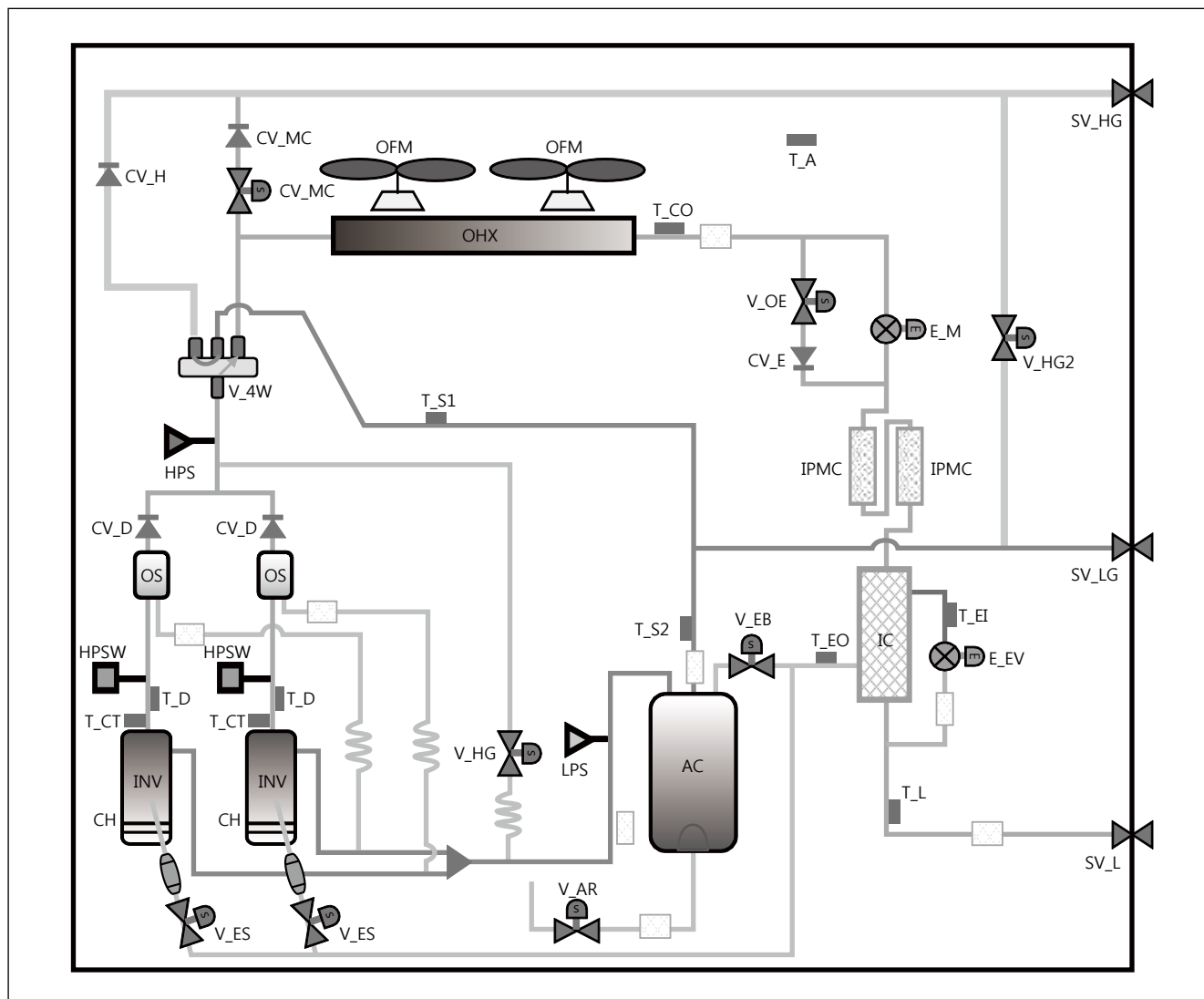


Classification	Description
V_4W	4Way Valve
V_AR	Accumulator Oil Return Valve
V_OE	Outdoor EEV Valve
CV_E	EEV Bypass Check Valve
CV_D	Discharge Check Valve
CV_H	HR Check valve
CV_MC	Main Cooling Check Valve
T_D	Discharge Temp. Sensor
T_S1	Suction Temp. Sensor 1
T_S2	Suction Temp. Sensor 2
T_CO	Cond Out Temp. Sensor
T_EI	EVI In Temp. Sensor
T_EO	EVI Out Temp. Sensor
T_L	Liquid Tube Temp. Sensor
T_CT	Comp. Top Temp. Sensor
T_A	Ambient Temp. Sensor
SV_HG	Low Gas Pipe Service Valve
SV_LG	Ambient Temp. Sensor
SV_L	Liquid Pipe Service Valve

5 Cycle diagrams

5-2. Parts of outdoor unit (HR)

3) AM160/180/200/220FXVAGR***



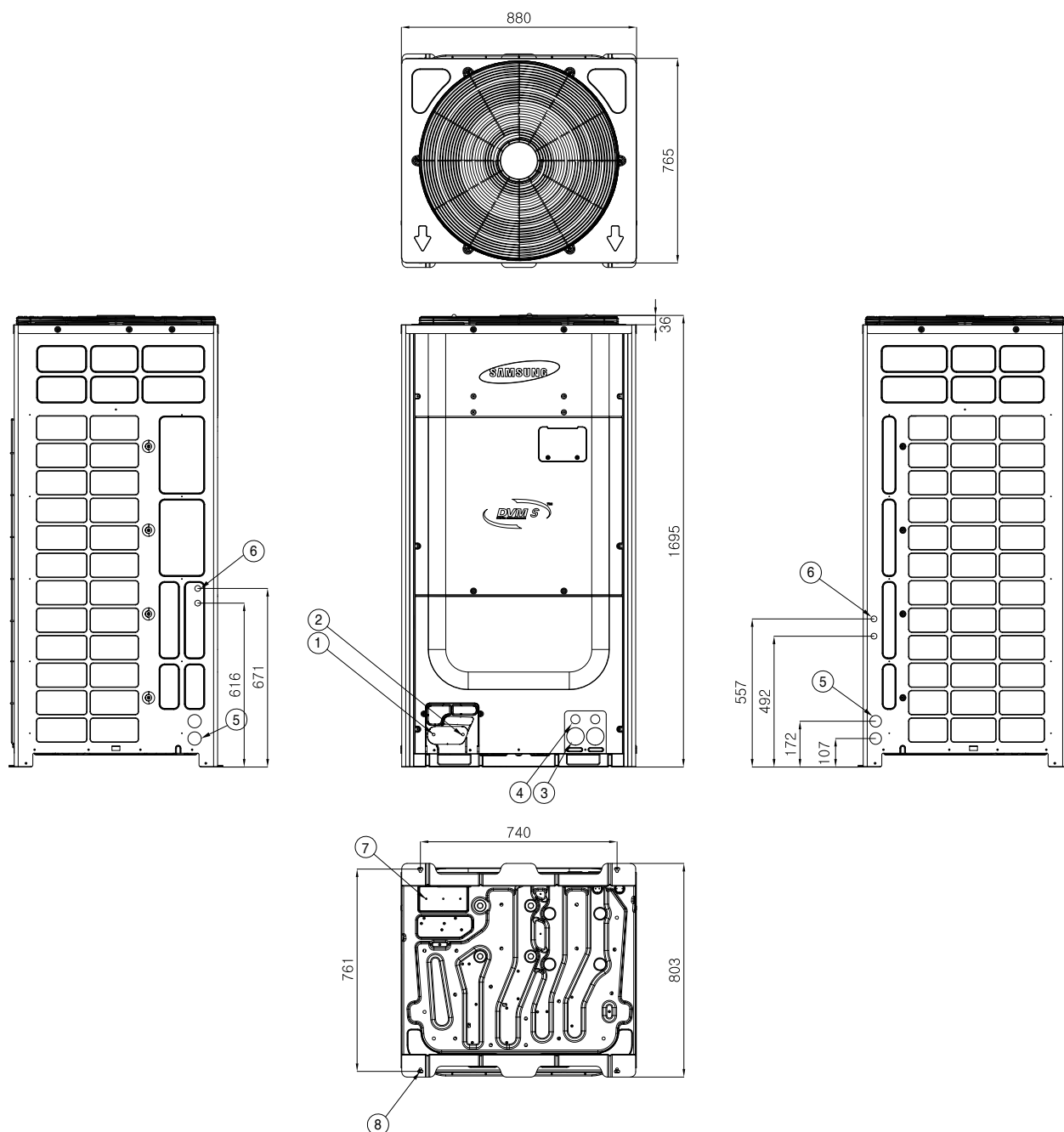
Classification	Description
INV	Inverter Compressor
OFM	Outdoor Fan Motor
OHX	Outdoor Heat Exchanger
AC	Accumulator
OS	Oil Separator
IC	Intercooler
IPMC	IPM Cooler
CH	Crank Case Heater
HPS	High Pressure Sensor
LPS	Low Pressure Sensor
HPSW	High Pressure Switch
E_M	Main EEV
E_EV	EVI EEV
V_MC	Main Cooling Valve
V_ES	EVI Solenoid Valve
V_EB	EVI Bypass Valve
V_HG1	Hot Gas Bypass Valve 1
V_HG2	Hot Gas Bypass Valve 2

Classification	Description
V_4W	4Way Valve
V_AR	Accumulator Oil Return Valve
V_OE	Outdoor EEV Valve
CV_E	EEV Bypass Check Valve
CV_D	Discharge Check Valve
CV_H	HR Check valve
CV_MC	Main Cooling Check Valve
T_D	Discharge Temp. Sensor
T_S1	Suction Temp. Sensor 1
T_S2	Suction Temp. Sensor 2
T_CO	Cond Out Temp. Sensor
T_EI	EVI In Temp. Sensor
T_EO	EVI Out Temp. Sensor
T_L	Liquid Tube Temp. Sensor
T_CT	Comp. Top Temp. Sensor
T_A	Ambient Temp. Sensor
SV_HG	Low Gas Pipe Service Valve
SV_LG	Ambient Temp. Sensor
SV_L	Liquid Pipe Service Valve

6-1. Heat Pump

1) AM080/100/120FXVAGH***

Unit : mm

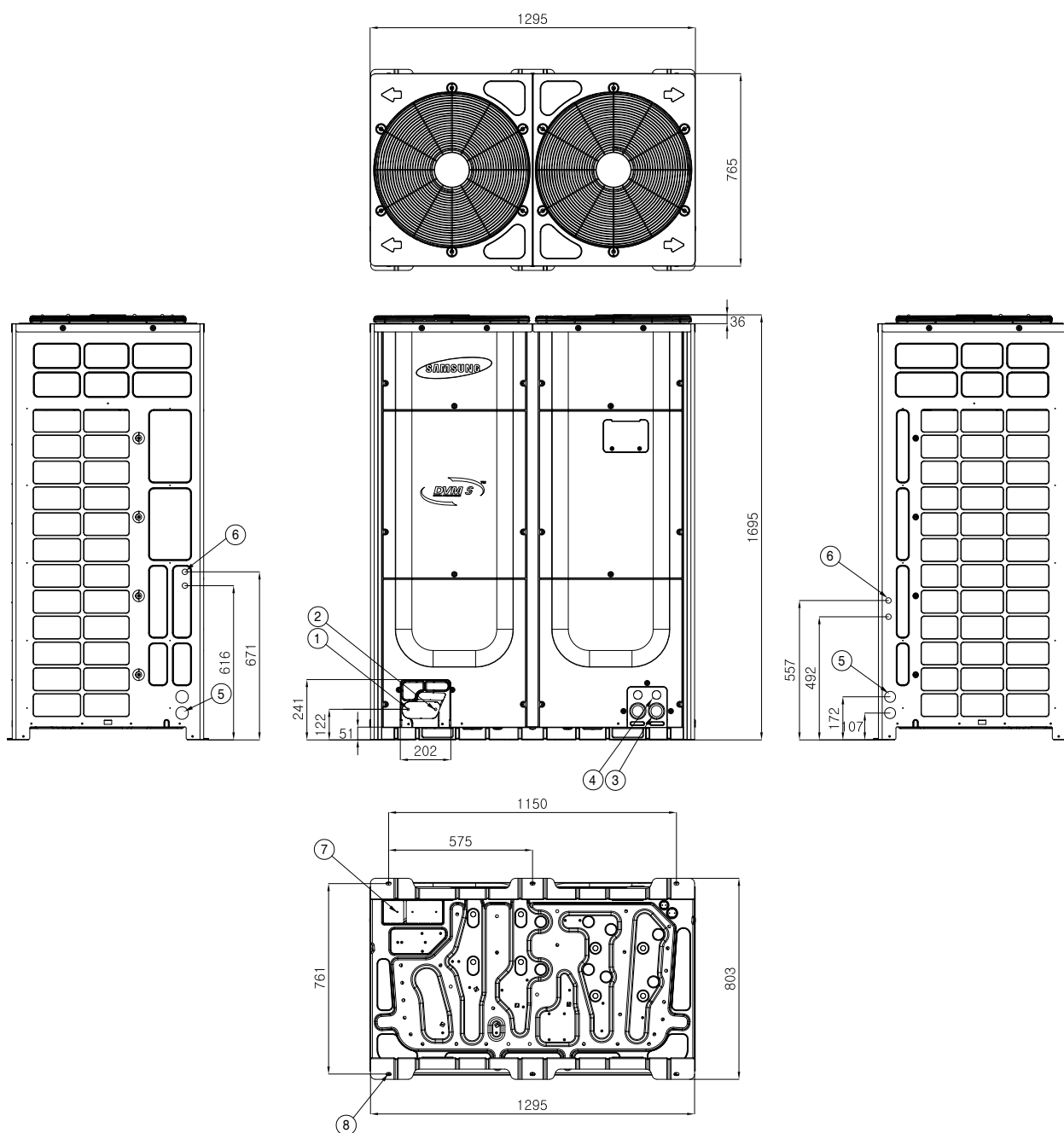


No.	Name	Description	No.	Name	Description
①	Gas Ref. Pipe	-	⑤	Power Wiring Conduit	4 - Ø43.7
②	Liquid Ref. Pipe	-	⑥	Communication Wiring Conduit	8 - Ø22.0
③	Power Wiring Conduit	2 - Ø43.7	⑦	Knock-out Hole for Ref. Piping	178 x 76
④	Communication Wiring Conduit	2 - Ø34.5	⑧	Anchor Bolt Hole	4 - Ø12

6-1. Heat Pump

2) AM140/160/180/200/220FXVAGH***

Unit : mm

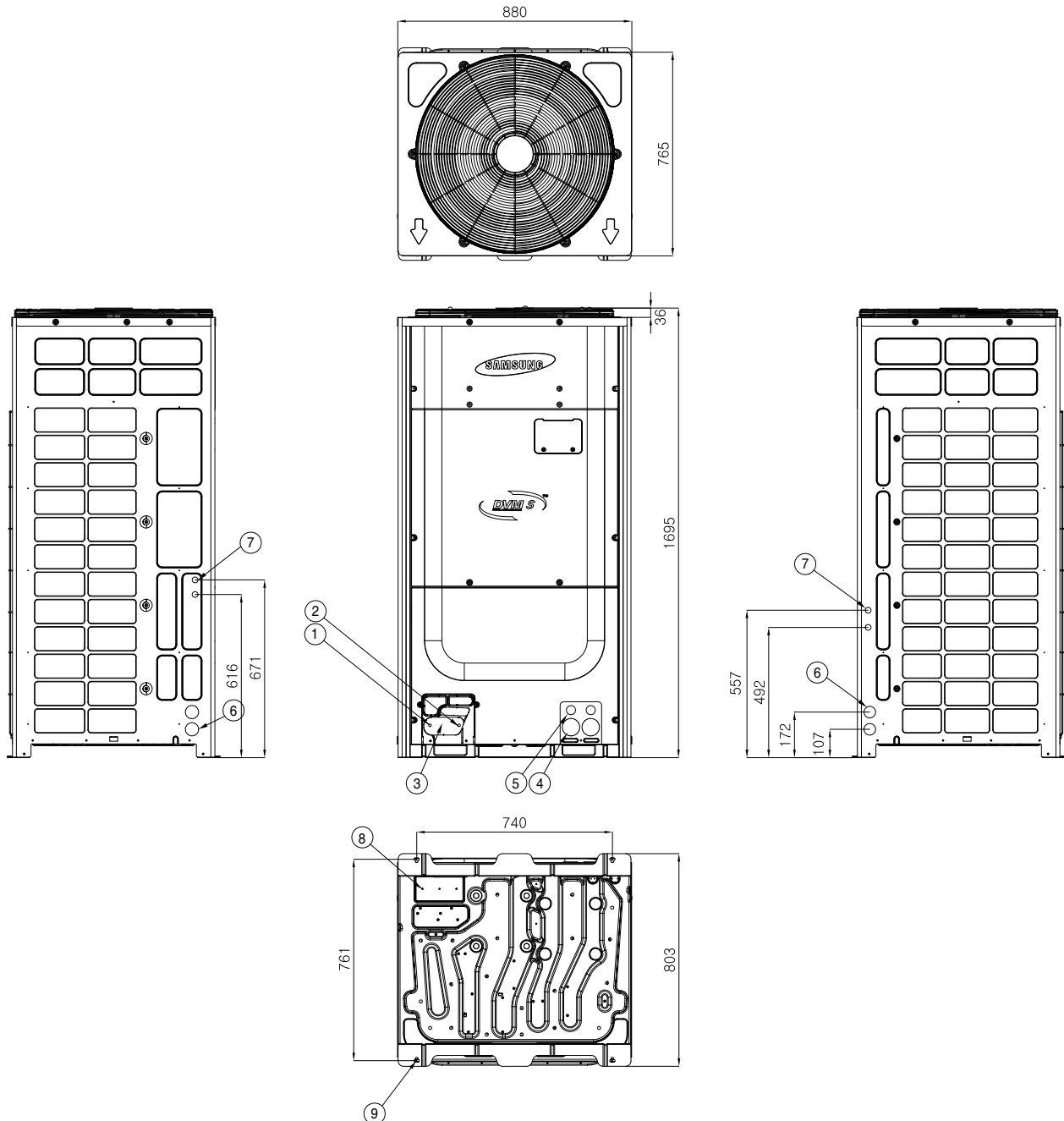


No.	Name	Description	No.	Name	Description
①	Gas Ref. Pipe	-	⑤	Power Wiring Conduit	4 - Ø43.7
②	Liquid Ref. Pipe	-	⑥	Communication Wiring Conduit	8 - Ø22.0
③	Power Wiring Conduit	2 - Ø43.7	⑦	Knock-out Hole for Ref. Piping	178 x 76
④	Communication Wiring Conduit	2 - Ø34.5	⑧	Anchor Bolt Hole	4 - Ø12

6-2. Heat Recovery

1) AM080/100/120FXVAGR***

Unit : mm

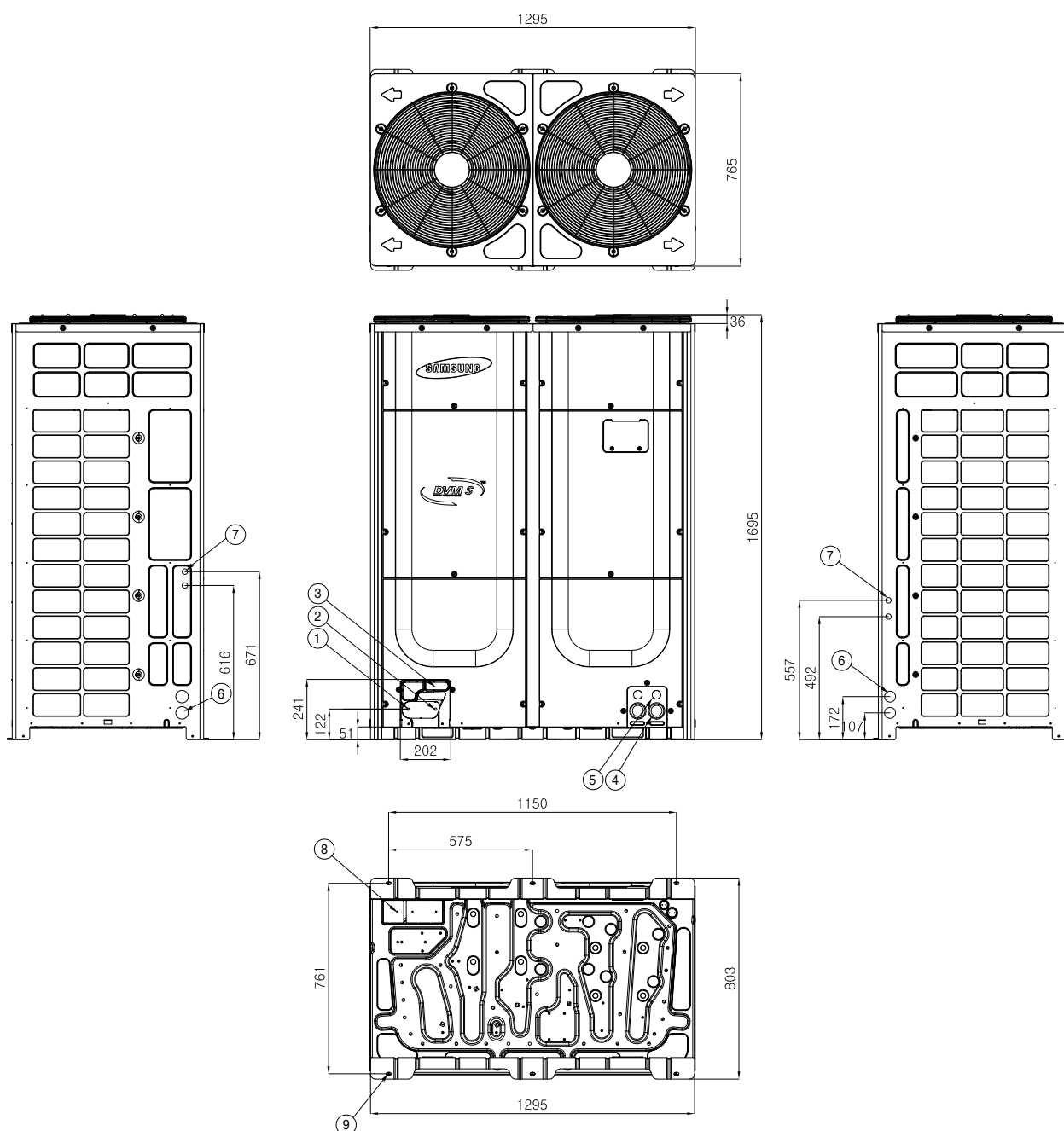


No.	Name	Description	No.	Name	Description
①	Low Pressure Gas Ref. Pipe	-	⑥	Power Wiring Conduit	4 - Ø43.7
②	High Pressure Gas Ref. Pipe	-	⑦	Communication Wiring Conduit	8 - Ø22.0
③	Liquid Ref. Pipe	-	⑧	Knock-out Hole for Ref. Piping	178 x 76
④	Power Wiring Conduit	2 - Ø43.7	⑨	Anchor Bolt Hole	4 - Ø12
⑤	Communication Wiring Conduit	2 - Ø34.5			

6-2. Heat Recovery

2) AM140/160/180/200/220FXVAGR***

Unit : mm



No.	Name	Description	No.	Name	Description
①	Low Pressure Gas Ref. Pipe	-	⑥	Power Wiring Conduit	4 - Ø43.7
②	High Pressure Gas Ref. Pipe	-	⑦	Communication Wiring Conduit	8 - Ø22.0
③	Liquid Ref. Pipe	-	⑧	Knock-out Hole for Ref. Piping	178 x 76
④	Power Wiring Conduit	2 - Ø43.7	⑨	Anchor Bolt Hole	4 - Ø12
⑤	Communication Wiring Conduit	2 - Ø34.5			

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* Images and data in this book may subject to change without prior notice.