

2 Specifications : Heat Pump (Standard)

Outdoor

Type			DVM S(NEW)	DVM S(NEW)	DVM S(NEW)	DVM S(NEW)	
Model Name			AM080FXVAGH/TK	AM100FXVAGH/TK	AM120FXVAGH/TK	AM140FXVAGH/TK	
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			-	HP	HP	HP	
Performance	HP		HP	8.00	10.00	12.00	14.00
		Capacity (Nominal)	Cooling	kW	22.40	28.00	33.60
	Btu/h			76,400	95,500	114,600	136,500
			Heating	kW	25.20	31.50	37.80
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)	kW	5.10	6.70	8.70	9.50
	Current Input (Nominal)	Cooling 1)	A	8.00	10.90	13.50	14.30
		Heating 2)	A	8.20	10.70	14.00	15.20
	MCA	A	18.00	21.10	25.00	25.00	
MFA	A	25.00	32.00	32.00	32.00		
COP	EER (Nominal Cooling)		-	4.48	4.12	4.00	4.49
	COP (Nominal Heating)		-	4.94	4.70	4.34	4.74
	Energy Grade		-	ESEER 7.85	ESEER 7.25	ESEER 7.03	ESEER 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)	(6.39)	(6.39)	(6.39)
	Model Name		-	DS-GB052FAVBSGx1	DS-GB066FAVBSGx1	DS-GB066FAVBSGx1	DS-GB066FAVBSGx1
	Oil	Type	-	PVE	PVE	PVE	PVE
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	830.0	830.0	830.0	620.0x2
	Air Flow Rate		CMM	170	170	220	255
			l/s	2,833.3	2,833.3	3,666.7	4,250.0
	External Static	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	-	-	-	-
			Ø, inch	-	-	-	-
Installation Limitation	Max. Length	m	200 (220)	200 (220)	200 (220)	200 (220)	
	Max. Height	m	110 (110)	110 (110)	110 (110)	110 (110)	
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	5.50	5.20	5.50	7.70
Sound	Pressure		dBA	57	58	62	61
	Power			77	79	81	81
External Dimension	New Weight		kg	184.5	184.5	184.5	233.0
	Shipping Weight		kg	200.5	200.5	200.5	252.0
	Net Dimensions (WxHxD)		mm	880x1,695x765	880x1,695x765	880x1,695x765	1,295x1,695x765
	Shipping Dimensions (WxHxD)		mm	948x1,887x832	948x1,887x832	948x1,887x832	1,363x1,887x832
Operating Temp.	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0

* Specifications may be subject to change without prior notice for product improvement.

1) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

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

4) 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 by PDM kit installation Guide software whether the PDM kit should be installed or not.)

When the outdoor unit is below the indoor unit & the level differences are 40m or more, contact your local dealer for more information.

*PDM kit: Pressure Drop Modulation kit

2 Specifications : Heat Pump (Standard)

Outdoor

Type			DVM S(NEW)	DVM S(NEW)	DVM S(NEW)	DVM S(NEW)	
Model Name			AM160FXVAGH/TK	AM180FXVAGH/TK	AM200FXVAGH/TK	AM220FXVAGH/TK	
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			-	HP	HP	HP	
Performance	HP		HP	16.00	18.00	20.00	22.00
		Capacity (Nominal)	Cooling	kW	45.00	50.40	56.00
	Btu/h			153,500	172,000	191,100	210,200
			Heating	kW	50.40	56.70	63.00
Btu/h				172,000	193,500	215,000	236,500
Power	Power Input (Nominal)	Cooling 1)	kW	11.00	12.88	15.19	17.35
		Heating 2)	kW	11.50	11.90	13.90	16.70
	Current Input (Nominal)	Cooling 1)	A	17.60	20.70	24.40	27.80
		Heating 2)	A	18.40	19.10	22.30	26.80
	MCA	A	32.00	39.10	42.50	44.50	
MFA	A	40.00	50.00	63.00	63.00		
COP	EER (Nominal Cooling)		-	4.09	3.91	3.69	3.55
	COP (Nominal Heating)		-	4.38	4.76	4.53	4.15
	Energy Grade		-	ESEER 6.78	ESEER 6.59	ESEER 6.56	ESEER 6.25
			-	-	-	-	-
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2
	Output		kW x n	(4.96 x 2)	(6.39 x 2)	(6.39 x 2)	(6.39 x 2)
	Model Name		-	DS-GB052FAVBSGx2	DS-GB066FAVBSGx2	DS-GB066FAVBSGx2	DS-GB066FAVBSGx2
	Oil	Type	-	PVE	PVE	PVE	PVE
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Output x n		W	620.0x2	620.0x2	620.0x2	620.0x2
	Air Flow Rate		CMM	255	290	290	290
			l/s	4,250.0	4,833.3	4,833.3	4,833.3
	External Static	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	-	-	-	-
			Ø, inch	-	-	-	-
	Installation Limitation	Max. Length	m	200 (220)	200 (220)	200 (220)	200 (220)
Max. Height			m	110 (110)	110 (110)	110 (110)	110 (110)
Field Wiring	Power Source Wire		mm ²	-	-	-	-
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Factory Charging		kg	7.40	8.70	8.40	8.40
Sound	Pressure		dBA	63	64	65	66
	Power			83	86	87	89
External Dimension	New Weight		kg	276.0	298.0	298.0	298.0
	Shipping Weight		kg	295.0	317.0	317.0	317.0
	Net Dimensions (WxHxD)		mm	1,295x1,695x765	1,295x1,695x765	1,295x1,695x765	1,295x1,695x765
	Shipping Dimensions (WxHxD)		mm	1,363x1,887x832	1,363x1,887x832	1,363x1,887x832	1,363x1,887x832
Operating Temp.	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0

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- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

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