

2 Specifications

Outdoor

Type			DVM S(NEW)	DVM S(NEW)	DVM S(NEW)
Model Name			AM200KXVAGH/TK	AM220KXVAGH/TK	AM240KXVAGH/TK
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50
Mode			-	HP	HP
Performance	HP		HP	20.00	22.00
		Capacity (Nominal)	Cooling	kW	56.00
	Btu/h			191,100	210,200
	Heating		kW	63.00	69.30
			Btu/h	215,000	236,500
Power	Power Input (Nominal)	Cooling 1)	kW	14.18	17.35
		Heating 2)	kW	13.91	16.70
	Current Input (Nominal)	Cooling 1)	A	22.70	27.80
		Heating 2)	A	22.30	26.80
	MCA	A	42.00	44.60	55.00
MFA	A	63.00	63.00	63.00	
COP	EER (Nominal Cooling)		-	3.95	3.55
	COP (Nominal Heating)		-	4.53	4.15
	Energy Grade		-	ESEER 6.56	ESEER 6.25
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2
	Output		kW x n	(5.18 x 2)	(6.39 x 2)
	Model Name		-	DS-GB052FAVBx2	DS-GB066FAVBx2
	Oil	Type	-	PVE	PVE
Fan	Type		-	Propeller	Propeller
	Output x n		W	620.0x2	620.0x2
	Air Flow Rate		CMM	290	290
			l/s	4,833.33	4,833.33
	External Static	Max.	mmAQ	8.00	8.00
Pa			78.40	78.40	
Piping Connections	Liquid Pipe		Ø, mm	15.88	15.88
			Ø, inch	5/8"	5/8"
	Gas Pipe		Ø, mm	28.58	28.58
			Ø, inch	1 1/8"	1 1/8"
	Discharge Gas Pipe		Ø, mm	-	-
			Ø, inch	-	-
	Installation Limitation	Max. Length	m	200 (220)	200 (220)
Max. Height		m	110 (40)	110 (40)	
Field Wiring	Power Source Wire		mm ²	-	-
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	8.40	8.40
Sound	Pressure		dBA	65	66
	Power			87	89
External Dimension	New Weight		kg	277.0	285.0
	Shipping Weight		kg	297.0	305.0
	Net Dimensions (WxHxD)		mm	1,295x1,695x765	1,295x1,695x765
	Shipping Dimensions (WxHxD)		mm	1,363x1,887x832	1,363x1,887x832
Operating Temp.	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-25.0 ~ 24.0	-25.0 ~ 24.0

* Specifications may be subject to change without prior notice.

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.)

*PDM kit: Pressure Drop Modulation kit

2 Specifications

Outdoor

Type			DVM S(NEW)	DVM S(NEW)	DVM S(NEW)
Model Name			AM260KXVAGH/TK	AM280KXVAGH/TK	AM300KXVAGH/TK
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50
Mode			-	HP	HP
Performance	HP		HP	26.00	28.00
		Capacity (Nominal)	Cooling	kW	72.80
	Btu/h			248,400	268,200
	Heating		kW	81.90	88.20
			Btu/h	279,500	301,000
Power	Power Input (Nominal)	Cooling 1)	kW	18.91	20.68
		Heating 2)	kW	18.00	20.18
	Current Input (Nominal)	Cooling 1)	A	30.30	33.20
		Heating 2)	A	28.90	32.40
	MCA	A	60.00	67.00	73.00
	MFA	A	75.00	75.00	80.00
COP	EER (Nominal Cooling)		-	3.85	3.80
	COP (Nominal Heating)		-	4.55	4.37
	Energy Grade	-	ESEER 6.92	ESEER 6.83	ESEER 6.65
		-	-	-	-
Compressor	Type		-	SSC Scroll x 2	SSC Scroll x 2
	Output		kW x n	(6.39 x 2)	(6.76 x 2)
	Model Name		-	DS-GB066FAVBx2	DS-GB070FAVAx2
	Oil	Type	-	PVE	PVE
	Type		-	Propeller	Propeller
Fan	Output x n		W	620.0x2	620.0x2
	Air Flow Rate		CMM	340	340
			l/s	5,666.67	5,666.67
	External Static	Max.	mmAQ	8.00	8.00
			Pa	78.45	78.45
Piping Connections	Liquid Pipe		Ø, mm	19.05	19.05
			Ø, inch	3/4"	3/4"
	Gas Pipe		Ø, mm	34.92	34.92
			Ø, inch	1 3/8"	1 3/8"
	Discharge Gas Pipe		Ø, mm	-	-
			Ø, inch	-	-
	Installation Limitation	Max. Length	m	200 (220)	200 (220)
Max. Height		m	110 (110)	110 (110)	
Field Wiring	Power Source Wire		mm ²	-	-
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	12.50	14.00
Sound	Pressure		dBA	66	69
	Power			89	90
External Dimension	New Weight		kg	333.0	342.0
	Shipping Weight		kg	355.0	364.0
	Net Dimensions (WxHxD)		mm	1,295x1,795x765	1,295x1,795x765
	Shipping Dimensions (WxHxD)		mm	1,363x1,987x832	1,363x1,987x832
Operating Temp.	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating		°C	-25.0 ~ 24.0	-25.0 ~ 24.0

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- Indoor temperature : 20°C DB, 15°C WB

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

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