

2 Specifications

Outdoor

Type			DVM S(NEW)	DVM S(NEW)	DVM S(NEW)
Model Name			AM140KXVAGH/TK	AM160KXVAGH/TK	AM180KXVAGH/TK
Power Supply			Ø, #, V, Hz	3,4,380-415,50	3,4,380-415,50
Mode			-	HP	HP
Performance	HP		HP	14.00	16.00
		Capacity (Nominal)	Cooling	kW	40.00
	Btu/h			136,500	153,500
	Heating		kW	45.00	50.40
			Btu/h	153,500	172,000
Power	Power Input (Nominal)	Cooling 1)	kW	10.93	12.10
		Heating 2)	kW	10.16	11.61
	Current Input (Nominal)	Cooling 1)	A	17.50	19.40
		Heating 2)	A	16.30	18.60
	MCA	A	25.00	32.00	39.20
	MFA	A	32.00	40.00	50.00
COP	EER (Nominal Cooling)		-	3.66	3.72
	COP (Nominal Heating)		-	4.43	4.34
	Energy Grade		-	ESEER 7.02	ESEER 6.81
			-	-	-
Compressor	Type		-	SSC Scroll x 1	SSC Scroll x 1
	Output		kW x n	(6.39)	(7.81)
	Model Name		-	DS-GB066FAVBx1	DS4GJ5080FVAx1
	Oil	Type	-	PVE	PVE
Fan	Type		-	Propeller	Propeller
	Output x n		W	620.0x2	620.0x2
	Air Flow Rate		CMM	255	255
			l/s	4,250.00	4,250.00
	External Static	Max.	mmAQ	8.00	8.00
Pa			78.40	78.40	
Piping Connections	Liquid Pipe		Ø, mm	12.70	12.70
			Ø, inch	1/2"	1/2"
	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	7.70	8.40
Sound	Pressure		dBA	61	63
	Power			81	83
External Dimension	New Weight		kg	226.0	253.0
	Shipping Weight		kg	246.0	273.0
	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			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	Capacity (Nominal)	Cooling	HP	20.00	22.00	
			kW	56.00	61.60	
		Heating	Btu/h	191,100	210,200	229,300
			kW	63.00	69.30	75.60
			Btu/h	215,000	236,500	258,000
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	65	
	Power		dBA	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	

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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

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

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