

# 1. Specification

## OAP Duct

Type				OAP Duct	OAP Duct	OAP Duct
Model Name				AM140MNEPEH/EU	AM220MNEPEH/EU	AM280MNEPEH/EU
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP	HP	HP
Performance	Capacity Cooling (ISO/ SASO)	Cooling (ISO/SASO)	kW	14	22.4	28
			Btu/h	47,800	76,400	95,500
		Heating	kW	8.9	13.9	17.4
			Btu/h	30,400	47,400	59,400
Power	Power Input	Cooling	W	300	450	600
				Heating	300	450
	Current Input	Cooling	A	2.2	3.5	4.6
				Heating	2.2	3.5
	Current	MCA	A	3.2	5.2	6.2
				MFA	15	15
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	2	2	2
	Air Flow Rate	H/M/L	m <sup>3</sup> /min	18	28	35
			l/s	300	466.7	583.3
	External Pressure	Max. (Min/Std/Max)	mmAq	15.3 / 20.4 / 25.5	18.4 / 23.4 / 29.6	20.4 / 25.5 / 30.6
			Pa	150/200/250	180/230/290	200/250/300
Fan Motor	Model		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	183	630	630
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	15.88 (5/8")	19.05 (3/4")	22.22 (7/8")
	Heat insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Drain Pipe		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Wiring connections	Transmission Cable	Min.	mm <sup>2</sup>	0.75	0.75	0.75
		Remark	-	F1,F2	F1,F2	F1,F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	42	46	47
				Sound Power	Cooling	65
Dimensions	Net Weight		kg	49	81.5	81.5
	Shipping Weight		kg	56	90.5	90.5
	Net Dimensions (W×H×D)		mm	1210 x 370 x 656	1360 x 460 x 910	1360 x 460 x 910
	Shipping Dimensions (W×H×D)		mm	1456 x 778 x 434	1612 x 519 x 984	1612 x 519 x 984
Casing	Material		-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate

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Additional Accessories	Drain Pump	External Model	-	-	MDP-G075SP	MDP-G075SP
		Internal Model	-	MDP-M075SGU2D	-	-
		Max. lifting Height / Displacement	mm / Liter/h	750/24	750/24	750/24
	Air Filter	-	Removable / Washable	Removable / Washable	Removable / Washable	

## NOTE

- Specification may be subject to change without prior notice.
- 1) Mode : HP(Heat Pump), HR(Heat Recovery)
  - 2) Capacities are based on (Equivalent refrigerant piping 7.5m, Level differences 0m);
    - Cooling : Indoor temperature : 35°C DB, 28°C WB / Outdoor temperature : 35°C DB, 28°C WB
    - Heating : Indoor temperature : 0°C DB, -3°C WB / Outdoor temperature : 0°C DB, -3°C WB
  - 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
  - 4) These products contain R410A (GWP=2,088) which is fluorinated greenhouse gas.
  - 5) Select wire size based on the value of MCA