

Specifications

OAP Duct for DVM S

- 100% Fresh Air unit.
- Equipped with two Sirocco fans direct driven by a single motor.
- Discharge temperature control.
- No limitation in OAP Duct quantity for one system.
- HD 40 permanent filter is included.
- Auto ESP function: the fan speed is adjustable according to ductwork external static pressure.
- Can be combined with other DVM indoor units to form one system.



Model			AM140MNEPH/EU	AM220MNEPH/EU	AM280MNEPH/EU	
Power Supply		Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	
Performance	Capacity (Nominal)	Cooling	14.0	22.4	28.0	
		Heating	8.9	13.9	17.4	
Power	Power input (Nominal)	Cooling	300	450	600	
		Heating	300	450	600	
	Current Input (Nominal)	Cooling	2.2	3.5	4.6	
		Heating	2.2	3.5	4.6	
Heat Exchanger	Type		Fin & tube	Fin & tube	Fin & tube	
	Material		Al	Al	Al	
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	
	Output x n	W	183 x 1	630 x 1	630 x 1	
Airflow Rate	H/M/L	m³/min	18	28	35	
		l/s	300.0	466.7	583.3	
External Pressure	Min/Std/Max	mmAq	15.30/20.40/25.50	18.40/23.40/29.40	20.40/25.50/30.40	
		Pa	150.00/200.00/250.00	180.00/230.00/290.00	200.00/250.00/300.00	
Piping Connections	Liquid Pipe	ø, mm	9.52	9.52	9.52	
		ø, inch	3/8	3/8	3/8	
Gas Pipe	ø, mm	15.88	19.05	22.22		
		ø, inch	5/8	3/4	7/8	
Drain Pipe	ø, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
Field Wiring	Transmission Cable	Min.	0.75	0.75	0.75	
Refrigerant	Type		R410A	R410A	R410A	
	Control Method		EEV (INCLUDED)	EEV (INCLUDED)	EEV (INCLUDED)	
Noise Level	Sound Pressure ¹	H/M/L	dB(A)	42	46	47
		Cooling	dB(A)	65	66	69
Dimensions	Net Weight	kg	49.0	81.5	81.5	
		Net Dimensions (W x H x D)	mm	1210 x 370 x 656	1,360 x 460 x 910	1,360 x 460 x 910
Additional Accessories	Drain Pump		-	MDP-N0475NC0D	MDP-N0475NC1D	MDP-N0475NC1D
		Max. Lifting Height/ Displacement	mm / litres/h	750/24	750/24	750/24
Air Filter			Removable/ Washable	Removable/ Washable	Removable/ Washable	

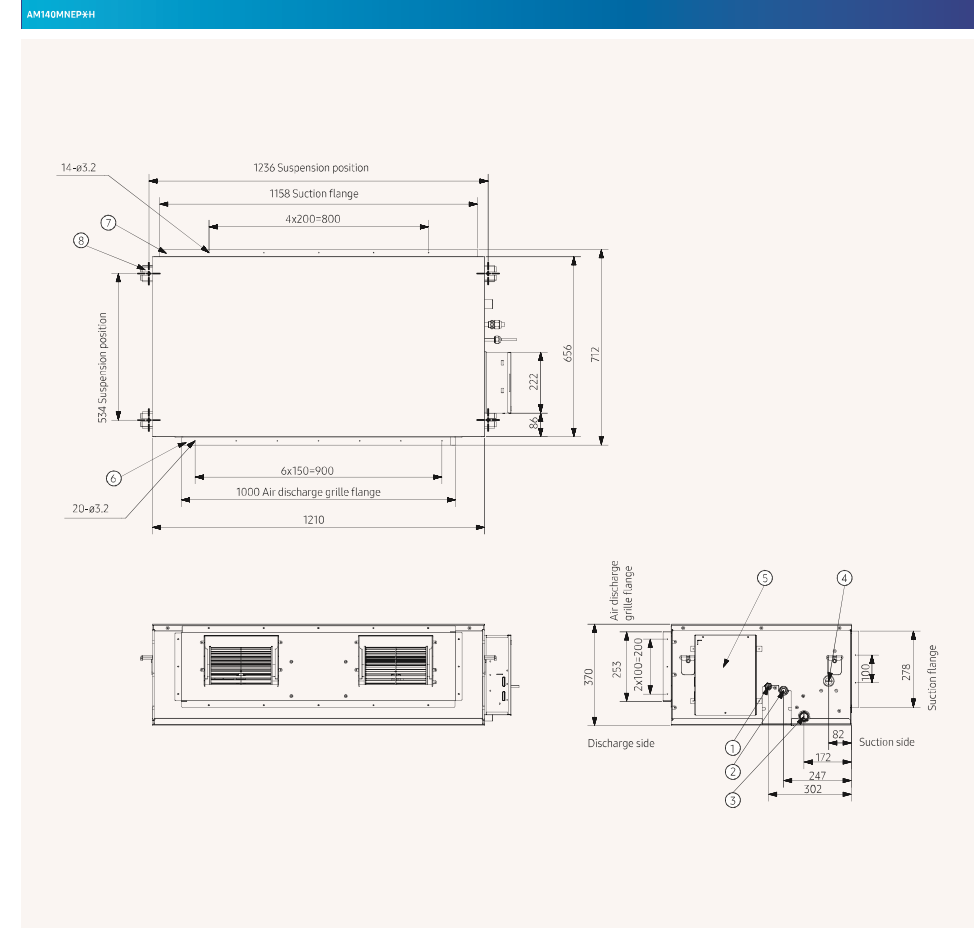
Accessories



Wireless Remote Controller	Touch Controller	Wired Remote Controller	Wired Remote Controller	Wi-Fi Kit	Wireless Receiver Kit	External Thermostat
AR-EH03E (to be matched with MRK-A10N)	MWR-SH11N	MWR-WE13N	MWR-WG00*N	MIM-H04EN	MRK-A10N (to be matched with AR-EH03E)	MRW-TA

Dimensional drawings

OAP Duct for DVM S



NO	Name	Description
1	Diameter of liquid pipe	ø9.52
2	Diameter of air pipe	ø15.88
3	Diameter of drain pipe	OD ø25, ID ø20
4	Diameter of drain pipe (Optional drain pump)	OD ø25, ID ø20
5	Power supply/Communication wiring conduit	
6	Air discharge grille flange	
7	Suction flange	
8	Hook	ø9.52 or M10

¹ Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.