

# Specifications

## HSP Duct

- Two-position field adjustable air return, on the bottom or at the rear of the unit.
- Equipped with two Sirocco fans direct driven by a single motor.
- Auto Restart function.
- Optional condensate drain pump.
- Long-life HD 40 permanent filter is included.



Model			AM112FNHDEH/EU	AM128FNHDEH/EU	AM140FNHDEH/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	kW	11.2	12.8	14
		Heating	kW	12.5	13.8	16.8
Power	Power input (Nominal)	Cooling	W	510	560	675
		Heating	W	510	560	625
	Current input (Nominal)	Cooling	A	3.60	3.75	3.90
		Heating	A	3.60	3.75	3.90
Fan	Motor	Type	-	Sirocco Fan/AC	Sirocco Fan/AC	Sirocco Fan/AC
		Output	W	-	-	-
		Number of Fans	-	2	2	2
	Airflow Rate	H/M/L (UL)	m <sup>3</sup> /min	32/27/23	35/31/26	39/33/28
			l/s	533.33/450.00/383.33	583.33/516.67/466.67	650.00/560.00/466.67
	External Static Pressure	Min/Std/Max	mmAq	5.00/10.00/20.00	5.00/10.00/20.00	5.00/10.00/20.00
			Pa	49.00/98.10/196.10	49.00/98.10/196.10	49.00/98.10/196.10
		WG		-	-	-
	Piping Connections	Liquid Pipe	e, mm	9.52	9.52	9.52
e, inch			3/8	3/8	3/8	
Gas Pipe		e, mm	15.88	15.88	15.88	
		e, inch	5/8	5/8	5/8	
Drain Pipe		e, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Field Wiring		Power Source Wire	mm <sup>2</sup>	Below 20 m / over 20 m	1.5/2.5	1.5/2.5
	Transmission Cable	mm <sup>2</sup>		0.75-1.50	0.75-1.50	
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV	EEV	EEV	
Sound <sup>2</sup>	Sound Pressure	(H/M/L)	dB(A)	43/41/39	45/43/42	46/45/44
Dimensions	Net Weight		kg	57.0	57.0	57.0
	Net Dimensions (W x H x D)		mm	1,200 x 360 x 650	1,200 x 360 x 650	1,200 x 360 x 650
Additional Accessories	Drain Pump	Drain Pump	-	Optional/MDP-M075SGU2D	Optional/MDP-M075SGU2D	Optional/MDP-M075SGU2D
		Max. Lifting Height/ Displacement	mm / litres/h	750/24	750/24	750/24
	Air Filter			-	Long-life Filter	Long-life Filter

	AM220FNHDEH/EU	AM280FNHDEH/EU			
Power Supply	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz			
Performance	Capacity (Nominal)				
	Cooling	kW	22.4	28	
	Heating	kW	25.0	31.5	
Power	Power input (Nominal)	Cooling	W	530	790
		Heating	W	530	790
	Current input (Nominal)	Cooling	A	3.80	5.90
		Heating	A	3.80	5.90
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output	W	400	400
		Number of Fans	-	1	1
	Airflow Rate	H/M/L (UL)	m <sup>3</sup> /min	58/52/47	72/65/58
			l/s	966.67/866.67/783.33	1,200.00/1,083.33/966.67
	External Static Pressure	Min/Std/Max	mmAq	5.00/15.00/25.00	5.00/15.00/28.00
			Pa	49.03/147.10/245.17	49.03/147.10/274.59
		WG		-	-
	Piping Connections	Liquid Pipe	e, mm	9.52	9.52
e, inch			3/8	3/8	
Gas Pipe		e, mm	19.05	22.23	
		e, inch	3/4	3/4	
Drain Pipe		e, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Field Wiring		Power Source Wire	mm <sup>2</sup>	1.5/2.5	1.5/2.5
	Transmission Cable	mm <sup>2</sup>	0.75-1.50	0.75-1.50	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	
Sound <sup>2</sup>	Sound Pressure	(H/M/L)	dB(A)	45/43/41	48/46/43
Dimensions	Net Weight		kg	89.0	89.0
	Net Dimensions (W x H x D)		mm	1,240 x 470 x 1,040	1,240 x 470 x 1,040
Additional Accessories	Drain Pump	Drain Pump	-	MDP-N047/SNC1D	MDP-N047/SNC1D
		Max. Lifting Height/ Displacement	mm / litres/h	750/24	750/24
	Air Filter			-	-

### Accessories



Drain Pump (optional)	Drain Pump (optional)	Wireless Remote Controller	Touch Controller	Wired Remote Controller	Wired Remote Controller	Wi-Fi Kit	Wireless Receiver Kit	External Thermostat
MDP-M075SGU2D	MDP-M075SGU1D	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