

Specifications

MSP Duct (drain pump excluded)

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



Model		AM022FN/DEH/EU	AM028FN/DEH/EU	AM036FN/DEH/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	2.2	2.8	3.6	
		Heating	2.5	3.2	4	
Power	Power input (Nominal)	Cooling	80	80	85	
		Heating	80	80	85	
	Current input (Nominal)	Cooling	0.40	0.40	0.55	
		Heating	0.40	0.40	0.55	
Fan	Motor	Type	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Output x n	W	69 x 1	69 x 1	112 x 1	
	Number of Fans	-	1	1	1	
	Airflow Rate	H/M/L (UL)	m ³ /min	8.50/7.50/6.30	10.00/9.20/7.50	12.00/10.20/8.80
		L/s		141.67/125.00/105.00	166.67/153.33/125.00	200.00/170.00/146.67
	External Static Pressure	Min/Std/Max	mmAq	0.00/2.00/6.00	0.00/2.00/6.00	0.00/2.00/6.00
Pa			0.00/19.61/58.84	0.00/19.61/58.84	0.00/19.61/58.84	
WG			0.000/0.079/0.236	0.000/0.079/0.236	0.000/0.079/0.236	
ø, mm			6.35	6.35	6.35	
Piping Connections	Liquid Pipe	ø, inch	1/4	1/4	1/4	
		ø, mm	12.7	12.7	12.7	
	Gas Pipe	ø, inch	1/2	1/2	1/2	
		ø, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Field Wiring	Power Source Wire	mm ²	1.5/2.5	1.5/2.5	1.5/2.5	
	Transmission Cable	mm ²	0.75-1.50	0.75-1.50	0.75-1.50	
Refrigerant	Type	-	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound ²	Sound Pressure	(H/M/L)	dB(A)	23/21/19	24/22/19	29/27/24
Dimensions	Net Weight	kg	23.5	23.5	23.5	
	Net Dimensions (W x H x D)	mm	900 x 199 x 600	900 x 199 x 600	900 x 199 x 600	
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E07SSE3D	MDP-E07SSE3D	MDP-E07SSE3D
	Max. Lifting Height/Displacement	mm / litres/h	750/24	750/24	750/24	750/24
	Air Filter	-	Long-life Filter	Long-life Filter	Long-life Filter	

Model		AM045FN/DEH/EU	AM056FN/DEH/EU	AM071FN/DEH/EU	AM090FN/DEH/EU	AM112FN/DEH/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	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz		
Performance	Capacity (Nominal)	Cooling	4.5	5.6	7.1	9	11.2	
		Heating	5	6.3	8	10	12.5	
Power	Power input (Nominal)	Cooling	125	130	190	240	260	
		Heating	125	130	190	240	260	
	Current input (Nominal)	Cooling	1.15	1.10	1.25	1.30	1.17	
		Heating	1.15	1.10	1.25	1.30	1.17	
Fan	Motor	Type	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Output x n	W	219 x 1	124 x 1	124 x 1	130 x 1	130 x 1	
	Number of Fans	-	1	1	1	1	1	
	Airflow Rate	H/M/L (UL)	m ³ /min	14.00/12.00/10.50	14.50/13.00/11.50	18.50/17.00/15.50	19.50/18.00/16.50	27.00/25.00/23.00
		L/s		233.33/200.00/175.00	241.67/216.67/191.67	308.33/283.33/258.33	325.00/300.00/275.00	450.00/416.67/383.33
	External Static Pressure	Min/Std/Max	mmAq	0.00/4.00/8.00	0.00/4.00/8.00	0.00/4.00/8.00	4.00/6.00/8.00	4.00/8.00/12.00
Pa			0.00/39.23/78.45	0.00/39.23/78.45	0.00/39.23/78.45	39.23/58.84/78.45	39.23/78.45/117.68	
WG			0.000/0.157/0.314	0.000/0.157/0.314	0.000/0.157/0.314	0.157/0.236/0.315	0.236/0.314/0.472	
ø, mm			6.35	6.35	9.52	9.52	9.52	
Piping Connections	Liquid Pipe	ø, inch	1/4	1/4	3/8	3/8	3/8	
		ø, mm	12.7	12.7	15.88	15.88	15.88	
	Gas Pipe	ø, inch	1/2	1/2	5/8	5/8	5/8	
		ø, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
Field Wiring	Power Source Wire	mm ²	1.5/2.5	1.5/2.5	1.5/2.5	1.5/2.5	1.5/2.5	
	Transmission Cable	mm ²	0.75-1.50	0.75-1.50	0.75-1.50	0.75-1.50	0.75-1.50	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound ²	Sound Pressure	(H/M/L)	dB(A)	32/30/28	35/33/31	39/35/31	40/37/34	41/40/38
Dimensions	Net Weight	kg	28.0	28.0	28.0	32.0	35.5	
	Net Dimensions (W x H x D)	mm	900 x 260 x 480	900 x 260 x 480	900 x 260 x 480	1,150 x 260 x 480	1,150 x 320 x 480	
Additional Accessories	Drain Pump	Drain Pump	-	MDP-M07SSGU3D	MDP-M07SSGU3D	MDP-M07SSGU3D	MDP-M07SSGUID	MDP-M07SSGUID
	Max. Lifting Height/Displacement	mm / litres/h	750/24	750/24	750/24	750/24	750/24	
	Air Filter	-	Long-life Filter	Long-life Filter	Long-life Filter	Long-life Filter	Long-life Filter	

Accessories



Drain Pump (excluded)	Drain Pump (excluded)	Wireless Remote Controller	Touch Controller	Wired Remote Controller	Wired Remote Controller	Wi-Fi Kit	Wireless Receiver Kit	External Thermostat
MDP-E07SSE3D	MDP-N0475NC1D	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