

# Specifications

## Duct S

- 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			AM036HNMPKH/EU	AM045HNMPKH/EU	AM056HNMPKH/EU	AM071HNMPKH/EU	
Power Supply		Φ, #, V, Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	
Performance	Capacity (Nominal)	Cooling	kW	3.6	4.5	5.6	7.1
		Heating	kW	4.0	5.0	6.3	8.0
Power	Power Input (Nominal)	Cooling	W	50	60	70	120
		Heating	W	50	60	70	120
	Current Input (Nominal)	Cooling	A	0.5	0.6	0.7	1.0
		Heating	A	0.5	0.6	0.7	1.0
	Current	MCA	A	1.04	1.26	1.26	1.52
		MFA/MOP	A	15	15	15	15
Fan	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Number of Fans	-	2	2	2	2	
	Airflow Rate	H/M/L (UL)	m <sup>3</sup> /min	12.0/9.5/8.0	14.0/11.0/8.0	16.0/13.5/11.0	22.0/19.0/16.0
			l/s	200/158/133	233/183/133	267/225/183	367/317/267
	External Pressure	Min/Std/Max	mmAq	0.00/2.50/15.00	0.00/3.00/15.00	0.00/3.00/15.00	0.00/3.00/15.00
		Pa	0.00/24.50/147.20	0.00/29.40/147.20	0.00/29.40/147.20	0.00/29.40/147.20	
Fan Motor	Model	-	BLDC motor (feedback)	BLDC motor (feedback)	BLDC motor (feedback)	BLDC motor (feedback)	
	Output x n	W	153 x 1	153 x 1	153 x 1	153 x 1	
Piping Connections	Liquid Pipe	e <sub>1</sub> , mm	6.35	6.35	6.35	9.52	
		e <sub>1</sub> , inch	1/4	1/4	1/4	3/8	
	Gas Pipe	e <sub>2</sub> , mm	12.7	12.7	12.7	15.88	
		e <sub>2</sub> , inch	1/2	1/2	1/2	5/8	
	Drain Pipe	e <sub>3</sub> , mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
	Wiring Connections	For power supply	Minimum	mm <sup>2</sup>	1.5	1.5	1.5
Connection with indoor		Minimum	mm <sup>2</sup>	0.75	0.75	0.75	
Refrigerant	Type	-	F1, F2	F1, F2	F1, F2	F1, F2	
	Control Method	-	R410A	R410A	R410A	R410A	
		-	EEV Included	EEV Included	EEV Included	EEV Included	
Sound <sup>2</sup>	Sound Pressure	(H/M/L)	dB(A)	29/26/23	31/28/24	32/29/25	37/33/29
	Sound Power	Cooling (Nominal)	dB(A)	40	44	45	47
Dimensions	Net Weight	kg	25.5	25.5	25.5	25.5	
	Net Dimensions (W x H x D)	mm	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700	
Air Filter	Type	-	Removable/Washable/Mildew-proof	Removable/Washable/Mildew-proof	Removable/Washable/Mildew-proof	Removable/Washable/Mildew-proof	
		-	MDP-G075S0 (built-in) MDP-G075SP (external)	MDP-G075S0 (built-in) MDP-G075SP (external)	MDP-G075S0 (built-in) MDP-G075SP (external)	MDP-G075S0 (built-in) MDP-G075SP (external)	
Additional Accessories	Drain Pump	Model					
		Max. Lifting Height	mm	750	750	750	750



Model	AM090HNMPKH/EU	AM112HNMPKH/EU	AM121HNMPKH/EU	AM128HNMPKH/EU	AM128HNMPKH/EU	AM140HNMPKH/EU	AM140HNMPKH/EU			
Power Supply	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz			
Performance	Capacity (Nominal)	Cooling	kW	9.0	11.2	11.2	12.8	12.8	14.0	14.0
		Heating	kW	10.0	12.5	12.5	13.8	13.8	15.0	15.0
Power	Power Input (Nominal)	Cooling	W	145	165	205	175	230	215	260
		Heating	W	145	165	205	175	230	215	260
	Current Input (Nominal)	Cooling	A	1.2	1.4	2.05	1.5	1.4	1.7	1.5
		Heating	A	1.2	1.4	1.2	1.5	1.4	1.7	1.5
	Current	MCA	A	2.03	2.51	2.92	2.51	3.17	2.51	3.42
		MFA/MOP	A	15	15	15	15	15	15	15
Fan	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Number of Fans	-	3	3	3	3	3	3		
	Airflow Rate	H/M/L (UL)	m <sup>3</sup> /min	29.0/25.0/22.0	35.0/29.0/22.0	35.0/29.0/22.0	38.0/32.0/25.0	38.0/32.0/25.0	42.0/34.0/25.0	42.0/34.0/25.0
			l/s	483/417/367	583/483/367	583/483/367	633/533/417	633/533/417	700/567/417	700/567/417
	External Pressure	Min/Std/Max	mmAq	0.00/4.00/15.00	0.00/5.20/15.00	0.00/5.20/15.00	0.00/5.20/15.00	0.00/5.20/15.00	0.00/5.20/15.00	0.00/5.20/15.00
		Pa	0.00/39.20/147.20	0.00/51.00/147.20	0.00/51.00/147.20	0.00/60.80/196.20	0.00/60.80/196.20	0.00/60.80/196.20	0.00/60.80/196.20	
Fan Motor	Model	-	BLDC motor (feedback)	BLDC motor (feedback)	BLDC motor (feedback)	BLDC motor (feedback)	BLDC motor (feedback)	BLDC motor (feedback)	BLDC motor (feedback)	
	Output x n	W	153 x 1	244 x 1	350 x 1	244 x 1	350 x 1	244 x 1	350 x 1	
Piping Connections	Liquid Pipe	e <sub>1</sub> , mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52	
		e <sub>1</sub> , inch	3/8	3/8	3/8	3/8	3/8	3/8	3/8	
	Gas Pipe	e <sub>2</sub> , mm	15.88	15.88	15.88	15.88	15.88	15.88	15.88	
		e <sub>2</sub> , inch	5/8	5/8	5/8	5/8	5/8	5/8	5/8	
	Drain Pipe	e <sub>3</sub> , 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)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
	Wiring Connections	For power supply	Minimum	mm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5	
Connection with indoor		Minimum	mm <sup>2</sup>	0.75	0.75	0.75	0.75	0.75		
Refrigerant	Type	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2		
	Control Method	-	R410A	R410A	R410A	R410A	R410A	R410A		
		-	EEV Included	EEV Included	EEV Included	EEV Included	EEV Included	EEV Included		
Sound <sup>2</sup>	Sound Pressure	(H/M/L)	dB(A)	38/35/32	38/35/32	38/35/32	39/36/33	39/36/33	40/37/34	
	Sound Power	Cooling (Nominal)	dB(A)	44	45	46	46	47	49	
Dimensions	Net Weight	kg	33.0	38.0	46.5	38.0	46.5	38.0	46.5	
	Net Dimensions (W x H x D)	mm	1,200 x 250 x 700	1,300 x 300 x 700	1,300 x 300 x 700	1,300 x 300 x 700	1,300 x 300 x 700	1,300 x 300 x 700	1,300 x 300 x 700	
Air Filter	Type	-	Removable/Washable/Mildew-proof	Removable/Washable/Mildew-proof	Removable/Washable/Mildew-proof	Removable/Washable/Mildew-proof	Removable/Washable/Mildew-proof	Removable/Washable/Mildew-proof		
		-	MDP-G075S0 (built-in) MDP-G075SP (external)	MDP-G075S0 (built-in) MDP-G075SP (external)	MDP-G075S0 (built-in) MDP-G075SP (external)	MDP-G075S0 (built-in) MDP-G075SP (external)	MDP-G075S0 (built-in) MDP-G075SP (external)	MDP-G075S0 (built-in) MDP-G075SP (external)		
Additional Accessories	Drain Pump	Model								
		Max. Lifting Height	mm	750	750	750	750	750	750	

### Accessories



External Drain Pump	Built-in Drain Pump	Wireless Remote Controller	Touch Controller	Wired Remote Controller	Wired Remote Controller	Wi-Fi Kit	Wireless Receiver Kit	External Thermostat
MDP-G075SP	MDP-G075SQ	AR-EH03E (to be matched with MRK-A10N)	MWR-SHT1N	MWR-WE13N	MWR-WG00*N	MIM-H04EN	MRK-A10N (to be matched with AR-EH03E)	MRW-TA