

1 Specifications

MHC-V4W/D2N8-B / MHC-V6W/D2N8-B / MHC-V8W/D2N8-B/ MHC-V10W/D2N8-B/ MHC-V10W/D2N8-B

Table 2-1.1: MHC-V4(6, 8,10)W/D2N8-B specifications

Outdoor unit model name			MHC-V4W/D2N8-B	MHC-V6W/D2N8-B	MHC-V8W/D2N8-B	MHC-V10W/D2N8-B
			B	B	B	B
Power supply	V/Ph/Hz		220-240/1/50			
Heating A7W35	Capacity	kW	4.20	6.35	8.40	10.0
	Rated input	kW	0.82	1.28	1.63	2.02
	COP		5.10	4.95	5.15	4.95
Heating A7W45	Capacity	W	4.30	6.30	8.10	10.0
	Rated input	W	1.13	1.70	2.10	2.67
	COP		3.80	3.70	3.85	3.75
Heating A7W55	Capacity	W	4.40	6.00	7.50	9.50
	Rated input	W	1.49	2.03	2.36	3.06
	COP		2.95	2.95	3.18	3.10
Cooling A35W18	Capacity	W	4.50	6.50	8.30	9.90
	Rated input	W	0.82	1.35	1.64	2.18
	EER		5.50	4.80	5.05	4.55
Cooling A35W7	Capacity	W	4.70	7.00	7.45	8.20
	Rated input	W	1.36	2.33	2.22	2.52
	EER		3.45	3.00	3.35	3.25
SCOP	Water outlet at 35°C		A+++			
	Water outlet at 55°C		A++			
Sound power Level ³	Heating A7W35	dB	55	58	59	60
Compressor	Type		Twin rotary			
Outdoor fan	Motor type		DC fan		DC fan	
	Number of fans		1		1	
Air side heat exchanger			Finned tube			
Refrigerant			R32 1.4kg			
Unit dimension (W×H×D)		mm	1295×792×429		1385×945×526	
Packing dimension (W×H×D)		mm	1375×945×475		1465×1120×560	
Net/Gross weight		kg	98/121		121/148	
Outdoor air temperature range	Cooling	°C	-5 ~ 43			
	Heating	°C	-25 ~ 35			
	DHW	°C	-25 ~ 43			
Water side heat exchanger			Plate type			
Water outlet temperature range	Cooling	°C	5 ~ 30			
	Heating	°C	12 ~ 65			
	DHW (tank)	°C	10 ~ 60			

Abbreviations:

DHW: Domestic hot water

Notes:

1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.
2. Seasonal space heating energy efficiency class tests in average climate conditions.
3. Sound power test condition: EN12102-1

MHC-V12W/D2N8-B / MHC-V14W/D2N8-B / MHC-V16W/D2N8-B

Table 2-1.1: MHC-V12(14, 16)W/D2N8-B specifications

Outdoor unit model name			MHC-V12W/D2N8-B	MHC-V14W/D2N8-B	MHC-V16W/D2N8-B
Power supply		V/Ph/Hz	220-240/1/50		
Heating A7W35	Capacity	kW	12.1	14.5	15.9
	Rated input	kW	2.44	3.15	3.53
	COP		4.95	4.60	4.50
Heating A7W45	Capacity	W	12.3	14.1	16.0
	Rated input	W	3.32	3.92	4.57
	COP		3.70	3.60	3.50
Heating A7W55	Capacity	W	11.9	13.8	16.0
	Rated input	W	3.90	4.68	5.61
	COP		3.05	2.95	2.85
Cooling A35W18	Capacity	W	12.00	13.50	14.90
	Rated input	W	3.04	3.75	4.38
	EER		3.95	3.60	3.40
Cooling A35W7	Capacity	W	11.5	12.4	14.0
	Rated input	W	4.18	4.96	5.60
	EER		2.75	2.50	2.50
SCOP	Water outlet at 35°C		A+++		
	Water outlet at 55°C		A++		
Sound power Level ³	Heating A7W35	dB	65	65	68
Compressor	Type		Twin rotary		
Outdoor fan	Motor type		DC fan		
	Number of fans		1		
Air side heat exchanger			Finned tube		
Refrigerant			R32 1.75kg		
Unit dimension (W×H×D)		mm	1385×945×526		
Packing dimension (W×H×D)		mm	1465×1120×560		
Net/Gross weight		kg	144/170		
Outdoor air temperature range	Cooling	°C	-5 ~ 43		
	Heating	°C	-25 ~ 35		
	DHW	°C	-25 ~ 43		
Water side heat exchanger			Plate type		
Water outlet temperature range	Cooling	°C	5 ~ 30		
	Heating	°C	12 ~ 65		
	DHW (tank)	°C	10 ~ 60		

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M thermal Mono



MHC-V12W/D2RN8-B / MHC-V14W/D2RN8-B / MHC-V16W/D2RN8-B

Table 2-1.3: MHC- V12(14, 16)W/D2RN8-B specifications

kW			12	14	16
Outdoor unit model name			MHC-V12W/D2RN8-B	MHC-V14W/D2RN8-B	MHC-V16W/D2RN8-B
Power supply		V/Ph/Hz	380-415/3/50		
Heating A7W35	Capacity	kW	12.1	14.5	15.9
	Rated input	kW	2.44	3.15	3.53
	COP			4.95	4.60
Heating A7W45	Capacity	W	12.3	14.1	16.0
	Rated input	W	3.32	3.92	4.57
	COP			3.70	3.60
Heating A7W55	Capacity	W	11.9	13.8	16.0
	Rated input	W	3.90	4.68	5.61
	COP			3.05	2.95
Cooling A35W18	Capacity	W	12.00	13.50	14.90
	Rated input	W	3.04	3.75	4.38
	EER			3.95	3.60
Cooling A35W7	Capacity	W	11.5	12.4	14.0
	Rated input	W	4.18	4.96	5.60
	EER			2.75	2.50
SCOP	Water outlet at 35°C		A+++		
	Water outlet at 55°C		A++		
Sound power Level ³	Heating A7W35	dB	65	65	68
Compressor	Type		Twin rotary		
Outdoor fan	Motor type		DC fan		
	Number of fans		1		
Air side heat exchanger		Finned tube			
Refrigerant		R32 1.75kg			
Unit dimension (W×H×D)		mm	1385×945×526		
Packing dimension (W×H×D)		mm	1465×1120×560		
Net/Gross weight		kg	160/188		
Outdoor air temperature range	Cooling	°C	-5 ~ 43		
	Heating	°C	-25 ~ 35		
	DHW	°C	-25 ~ 43		
Water side heat exchanger		Plate type			
Water outlet temperature range	Cooling	°C	5 ~ 30		
	Heating	°C	12 ~ 65		
	DHW (tank)	°C	10 ~ 60		

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