

# A Series Mono



Outdoor unit model MHC-			V4W/ D2N8-B	V6W/ D2N8-B	V8W/ D2N8-B	V10W/ D2N8-B	V12W/ D2N8-B	V14W/ D2N8-B	V16W/ D2N8-B	V12W/ D2RN8-B	V14W/ D2RN8-B	V16W/ D2RN8-B		
Power supply		V/Ph/Hz	220-240/1/50							380-415/3/50				
Heating <sup>1</sup>	Capacity	kW	4.20	6.35	8.40	10.0	12.1	14.5	15.9	12.1	14.5	15.9		
	Rated input	kW	0.82	1.28	1.63	2.02	2.44	3.15	3.53	2.44	3.15	3.53		
	COP			5.10	4.95	5.15	4.95	4.95	4.60	4.50	4.95	4.60	4.50	
Heating <sup>2</sup>	Capacity	kW	4.30	6.30	8.10	10.0	12.3	14.1	16.0	12.3	14.1	16.0		
	Rated input	kW	1.13	1.70	2.10	2.67	3.32	3.92	4.57	3.32	3.92	4.57		
	COP			3.80	3.70	3.85	3.75	3.70	3.60	3.50	3.70	3.60	3.50	
Heating <sup>3</sup>	Capacity	kW	4.40	6.00	7.50	9.50	11.9	13.8	16.0	11.9	13.8	16.0		
	Rated input	kW	1.49	2.03	2.36	3.06	3.90	4.68	5.61	3.90	4.68	5.61		
	COP			2.95	2.95	3.18	3.10	3.05	2.95	2.85	3.05	2.95	2.85	
Cooling <sup>4</sup>	Capacity	kW	4.50	6.50	8.30	9.90	12.00	13.50	14.90	12.00	13.50	14.90		
	Rated input	kW	0.82	1.35	1.64	2.18	3.04	3.75	4.38	3.04	3.75	4.38		
	EER			5.50	4.80	5.05	4.55	3.95	3.60	3.40	3.95	3.60	3.40	
Cooling <sup>5</sup>	Capacity	kW	4.70	7.00	7.45	8.20	11.5	12.4	14.0	11.5	12.4	14.0		
	Rated input	kW	1.36	2.33	2.22	2.52	4.18	4.96	5.60	4.18	4.96	5.60		
	EER			3.45	3.00	3.35	3.25	2.75	2.50	2.50	2.75	2.50	2.50	
Seasonal space heating energy efficiency class <sup>6</sup>	Water outlet at 35°C	class	A+++											
	Water outlet at 55°C	class	A++											
Refrigerant	Type(GWP)		R32(675)											
	Charged volume	kg	1.40			1.40			1.75					
Sound power Level <sup>7</sup>	dB		55	58	59	60	65	65	68	65	65	68		
Unit dimension (WxHxD)	mm		1295x792x429					1385x945x526						
Packing dimension (WxHxD)	mm		1375x965x475					1465x1120x560						
Net/Gross weight	kg		98/121			121/148			144/170			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 pump	Max. pump head	m	9											
Water side connection	mm		R1"			R5/4"								
Backup E-heater <sup>8</sup>	Standard mounted	kW	/											
	Optional	kW	3	3	3/9	3/9	3/9	3/9	3/9	3/9	3/9	3/9		
	Capacity steps			1	1	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	
Power supply	3kW	V/Ph/Hz	220-240/1/50											
	9kW		380-415/3/50											
Water outlet temperature range	Cooling	°C	5~25											
	Heating	°C	25~65											
	DHW (tank)	°C	30~60											

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Model			MHC-V18W/D2RN8	MHC-V22W/D2RN8	MHC-V26W/D2RN8	MHC-V30W/D2RN8
Power supply		V/Ph/Hz	380-415/3/50			
Heating <sup>1</sup>	Capacity	kW	18.00	22.00	26.00	30.10
	Rated input	kW	3.83	5.00	6.37	7.70
	COP			4.70	4.40	4.08
Heating <sup>2</sup>	Capacity	kW	18.00	22.00	26.00	30.00
	Rated input	kW	5.14	6.47	8.39	10.35
	COP			3.50	3.40	3.10
Heating <sup>3</sup>	Capacity	kW	18.00	22.00	26.00	30.00
	Rated input	kW	6.55	8.30	10.61	13.04
	COP			2.75	2.65	2.45
Cooling <sup>4</sup>	Capacity	kW	18.50	23.00	27.00	31.00
	Rated input	kW	3.90	5.00	6.28	7.75
	EER			4.75	4.60	4.30
Cooling <sup>5</sup>	Capacity	kW	17.00	21.00	26.00	29.50
	Rated input	kW	5.57	7.12	9.63	11.57
	EER			3.05	2.95	2.70
Seasonal space heating energy efficiency class <sup>6</sup>	Water outlet at 35°C	class	A+++	A+++	A+++	A++
	Water outlet at 55°C	class	A++	A++	A+	A+
Refrigerant	Type(GWP)		R32(675)			
	Charged volume		5.0			
Sound power level <sup>7</sup>		dB	71	73	75	77
Unit dimension (WxHxD)		mm	1129x1558x440			
Packing dimension (WxHxD)		mm	1220x1735x565			
Net/Gross weight			177/206			
Water side heat exchanger			Plate type			
Water pump	Max. pump head	m	12.0	12.0	12.0	12.0
Water piping connections Dia.		inch	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP
Ambient temperature range	Cooling	°C	-5-46			
	Heating	°C	-25-35			
	DHW	°C	-25-43			
Water outlet temperature range	Cooling	°C	5-25			
	Heating	°C	25-60			
	DHW	°C	30-60			