

Mono type

Outdoor Mono MHC-			V5W/D2N1	V7W/D2N1	V10W/D2N1	V12W/D2N1	V14W/D2N1	V16W/D2N1	V12W/D2RN1	V14W/D2RN1	V16W/D2RN1
Power supply		V/Ph/Hz	220-240/1/50						380-415/3/50		
Heating ^g	Capacity	kW	4.58	6.55	10.43	12.17	14.76	16.33	12.37	14.10	16.30
	Rated input	kW	0.97	1.45	2.28	2.73	3.40	3.90	2.76	3.26	3.88
	COP			4.72	4.52	4.57	4.46	4.34	4.19	4.48	4.33
Heating ^g	Capacity	kW	4.67	6.69	10.17	12.58	14.08	16.12	12.02	14.11	16.06
	Rated input	kW	1.43	2.05	3.08	3.86	4.47	5.22	3.72	4.47	5.23
	COP			3.27	3.26	3.30	3.26	3.15	3.09	3.23	3.16
Cooling ^g	Capacity	kW	4.55	6.45	10.25	12.19	14.61	14.82	12.64	14.03	15.10
	Rated input	kW	1.00	1.47	2.06	2.65	3.32	3.66	2.75	3.26	3.78
	EER			4.55	4.40	4.98	4.60	4.40	4.05	4.60	4.30
Cooling ^g	Capacity	kW	4.55	6.71	10.44	12.21	12.95	13.72	12.58	13.80	15.26
	Rated input	kW	1.55	2.57	3.28	4.17	4.53	5.16	4.32	5.15	6.41
	EER			2.94	2.61	3.18	2.93	2.86	2.66	2.91	2.68
Seasonal space heating energy e. Class (average climate general)	Water outlet @ 35°C		A++								
	Water outlet @ 55°C		A+	A+	A+	A+	A++	A+	A+	A++	A++
Sound power level	Heating	dB(A)	61	65	65	67	71	72	67	71	72
	Cooling	dB(A)	64	66	64	68	70	71	66	70	71
Dimension(WxHxD)	mm		1210x945x402			1404x1414x405			1404x1414x405		
Packing(WxHxD)	mm		1500x1140x450			1475x1580x440			1475x1580x440		
Net/Gross weight	kg		99/117			162/183			177/198		
Compressor	Type		Twin-rotary inverter								
Outdoor fan	Motor type		Brushless DC motor								
	Air flow	m ³ /h	3100			6250			6250		
Air side heat exchanger			Fin-coil								
Water side heat exchanger			Plate type heat exchanger								
Water pump head	m		6			7.5			7.5		
Expansion tank volume	L		2			5			5		
Refrigerant	Type		R410A								
	Charged volume	kg	2.4			3.6			3.6		
Throttle type			Electronic expansion valve								
Backup electric heater	Standard mounted	kW	/			3			4.5		
	Optional	kW	3			4.5			/		
	Capacity steps		1			2			1		
	Power supply	V/Ph/Hz	220-240/1/50						380-415/3/50		
Water piping connections Dia.	inch		1" Female BSP			1-1/4" Female BSP			1-1/4" Female BSP		
Ambient temperature range (Heat pump)	Cooling	°C	-5~46								
	Heating	°C	-20-35								
	Domestic hot water	°C	-20-43								
Water outlet temperature range	Cooling	°C	5~25								
	Heating	°C	25~60								
	Domestic hot water	°C	40~60								