

# Specifications

CO <sub>2</sub> HPU		HE-UM60CR	HE-UM40CR
Dimensional drawings			
Power supply		230 V-240 V (single-phase) ~ 50 Hz	
Current input (Max)		10.0 A	
AS 5125 Test condition 4 (*)	Heat output	5.06 kW	4.00 kW
	Electric input	0.83 kW	0.80 kW
	C.O.P.	6.11	5.00
	Noise level	37 dB(A)	37 dB(A)
Heating temperature		63 °C	
Power input (Max)		2.3 kW	2.0 kW
Heat output (Max)		6.5 kW	5.6 kW
Heat pump location		Outdoor	
Allowable installation outdoor temperature		-10 °C (Minimum)	
Ingress protection rating		IPX 4	
Power cord type		3-Pole (L, N, EARTH) : Connected to the power terminal block of CO <sub>2</sub> HPU	
Type of power plug		Type I	
Power circuit fuse		CO <sub>2</sub> HPU : 250 V 30 A	
Refrigerant		R744 (CO <sub>2</sub> )	
Charging amount		900 g	630 g
Design pressure: high/low		14 MPa / 9 MPa	
CO <sub>2</sub> HPU weight		46 kg	41 kg
Exterior color		Ivory white	
Water connection port (water side/hot water side)		G1/2 B	
Drain port		Drain elbow	
Applicable Hose Inner Diameter		Φ15 mm - Φ16 mm	

(\*) AS 5125 Test condition 4: DB32.5 °C / WB26.3 °C / Inlet Water 21.0 °C

Controller	HE-1MAHR
Dimensional drawings	
Power source	DC12.2 V
Rated power consumption	4 W
Wireless LAN	Module incorporated (See P.70 for details.)
Ingress protection rating	IPX 4
Controller cable	4-core (See P.56 for details.)
Terminal	Ferrule E 0508
Effective length	1.3 m
Tank sensor	Φ5 mm × 24 mm
Sensor cable	2-core
Effective length	2.8 m