

SAVE UP TO
80%
ON YOUR HOT
WATER BILL*
*depending on
hot water usage

7
YEAR
WARRANTY



CO2 HOT WATER HEAT PUMP

Panasonic introduces CO2 Hot Water Heat pumps with industry-leading technology and smart Wi-Fi control. Using CO2 (R744) as a refrigerant, this unit delivers a more environmentally friendly solution while significantly reducing energy consumption. With Wi-Fi monitoring, you can easily control and track performance anywhere.

Panasonic have sold over 2 million units in Japan since entering the Heat Pump Market over 20 years ago. You can rely on quality products, designed with experience built up over 20 years.

KEY FEATURES

GLOBAL WARMING POTENTIAL OF 1 – Energy efficient and the most environmentally friendly refrigerant in the market

7 OPERATIONAL MODES – Allows you to take control over your energy costs and consumption

FLEXIBILITY – Multiple Timer and Temperature Control ensures complete flexibility

WEEKLY SELF-LEGIONELLA CONTROL

WHISPER QUIET – 37dB

OPERATING RANGE – -10 to +44°C

WI-FI – Built-in Wi-Fi lets you manage your heat pump and track energy use remotely

HEAT PUMP & CONTROLLER SPECIFICATIONS

HEAT PUMP		MODEL HE-UM40CR	MODEL HE-UM60CR
Heat output at 19°C ambient / 17°C cold water inlet	kW	4.0	4.83
Electric input at 19°C ambient / 17°C cold water inlet	kW	0.9	0.96
COP at 19°C ambient / 17°C cold water inlet	-	4.44	5.03
Heat output (MAX)	kW	5.6	6.5
Power input (MAX)	kW	2.0	2.3
Current input (MAX)	A	10	10
Circuit breaker size	A	15	15
Standby power consumption	W	5.1	5.1
Power supply	V/Hz	230V (power input is voltage x amps x power factor) 50Hz (single phase)	230V (power input is voltage x amps x power factor) 50Hz (single phase)
Heat pump refrigerant	-	CO2 (R744)	CO2 (R744)
Heat pump hot water delivery temperature	°C	63 (based on heat pump inlet temperature)	63 (based on heat pump inlet temperature)
Range of operating ambient temperature	°C	-10 to 43	-10 to 43
Heat pump unit weight	kg	41	46
Heat pump location	-	outdoor	outdoor
Noise level	dB	37	37
Dimensions (H x W x D)	mm	672x799x299	672x799x299
Rain resistance	-	IPX4	IPX4
Water port connections (Inlet / Outlet)	Inch/mm	1/2" BSP, 12.7mm	1/2" BSP, 12.7mm
Built-in freeze and frost control	°C	Variable. Depends on the relative humidity, water, & ambient temperature (i.e. about 5°C water temperature & 5°C ambient temperature)	Variable. Depends on the relative humidity, water, & ambient temperature (i.e. about 5°C water temperature & 5°C ambient temperature)

Rinnai 215L, 275L & 340L tank available. Compatible with third party solar ready tanks.

OPERATION MODES

- Option 1:** 24 hours - Continuous
- Option 2:** 9 hours (Off-Peak mode 1: 10pm - 7am)
- Option 3:** 6 hours (Off-Peak mode 2: 12am - 6am)
- Option 4:** 6 hours (10am - 4pm)
- Option 5:** Timer (Two-Zones)
- Option 6:** PV timer for solar integration
- Option 7:** Holiday mode

