

Panasonic

SAVE UP TO
80%
ON YOUR HOT
WATER BILL*

*depending on
hot water usage



RECLAIM ENERGY/PANASONIC AIR-SOURCE CO2 HEAT PUMP

COVERING MODEL NUMBERS (FOR STC CLAIMS):

REHP-KY-CO2-160SST
REHP-KY-CO2-250SST
REHP-KY-CO2-315SST
REHP-KY-CO2-400SST



RECLAIM
ENERGY



7
YEAR
HEAT PUMP
WARRANTY



7
YEAR
CONTROLLER
WARRANTY

Panasonic Air Conditioners and Co2 Heat Pumps are the leading brand in Japan and are manufactured to ensure years of reliable comfort.

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



SMART CONTROL – 6 Operational Modes allow you to take control over your energy costs and consumption



ONE-SHOT BOOST – For worry free hot water



ULTIMATE FLEXIBILITY – Multiple Timer and Temperature Control ensures complete flexibility



SMART TECHNOLOGY – Smart independent controller design and Reclaim User App control



SEAMLESS INTEGRATION – With your PV/Home Management System



1300 SUPPORT – Managed 7 days a week, 365 days a year



ERROR REPORTING – Instant notification to Reclaim User and our Tech Team of any errors, brings peace of mind



HEAT PUMP & CONTROLLER SPECIFICATIONS

HEAT PUMP	MODEL HE-UM60AR	
Heat output at 32.5°C ambient / 21.0°C cold water inlet	kW	5.1
Electric input at 32.5°C ambient / 21.0°C cold water inlet	kW	0.83
COP at 32.5°C ambient / 21.0°C cold water inlet	-	6.1
Power input (MAX)	kW	2.3
Current input (MAX)	A	10
Circuit breaker size	A	15
Standby power consumption	W	5
Power supply	V/Hz	230~240 Vac (power input is voltage x amps x power factor) / 50Hz (single phase)
Heat pump refrigerant	-	CO2 (R744)
Heat pump hot water delivery temperature	°C	63-67 Variable. Based on heat pump inlet temperature.
Range of operating ambient temperature	°C	-10 to 43
Heat pump unit weight	kg	46
Heat pump location	-	outdoor
Noise level	dB	37
Dimensions (H x W x D)	mm	672x799x299
Rain resistance	-	IPX4
Water port connections (Inlet / Outlet)	Inch/mm	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)

Note: Images of heat pump & controller are not to scale & are for illustrative purposes only.



SMART CONTROLLER V1.1

Controller power supply voltage and frequency	V/Hz	240/50 (single phase)
Signal from the controller to heat pump	V/Hz	12/50
Controller location	-	Mounted on wall or tank
Heat pump on / off temperature (based on the thermistor on the tank)	°C	37/59
Daily Self-Legionella control	-	60°C at 45% level on tank
IP Rating	-	IP54
UV Rated	-	Yes
Operational mode (selectable by the end user)		
Option 1: 24 hours – Continuous		6 available options * One Shot Boost is activated by a dry contact signal from home management or PV inverters or dry contact smart switches NOTE One Shot Boost: This activates the heat pump if temperature is less than 59°C, heating up until 59°C is sensor level is achieved.
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: Remote (One Shot Boost)*		

Available in 160L, 250L, 315l and 400L Glass Lined and Stainless Steel tank options.

Why Panasonic?

Panasonic Australia is a market leader in HVAC solutions for over 50 years. Our ability to innovate has stood the test of time and the reliability and reputation of Panasonic products has ensured that they are part of the everyday lives of many.



YOUR PANASONIC HEAT PUMP DEALER



CERTIFICATIONS: The product has been certified/tested successfully under the following Australian standards: • AS 5125.1, AS 4020 • AS 3498 • AS 2712 • AS 60335.1 • AS 60335.2.40

For a full set of PDF manuals



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