

# 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 :

REHP-KY-CO2-160GL  
REHP-KY-CO2-250GL  
REHP-KY-CO2-315GL  
REHP-KY-CO2-400GL  
REHP-KY-CO2-250SSEW  
REHP-KY-CO2-315SSEW



**RECLAIM**  
ENERGY





**7**  
YEAR  
HEAT PUMP  
WARRANTY



**7**  
YEAR  
CONTROLLER  
WARRANTY

Panasonic Air Conditioners and 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



**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	5.06
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	–	6.09
Power input (MAX)	kW	2.3
Current input (MAX)	A	10
Circuit breaker size	A	15
Standby power consumption	W	5.05
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 <b>One Shot Boost:</b> 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 tank options.

## Why Reclaim Energy?

At Reclaim Energy, we believe in the goal of a sustainable lifestyle and the potential for living off-grid. With over 15 year's experience, we are passionate about the potential of energy efficient and environmentally-friendly hot water solutions, tailored to Australian requirements.

Through our commitment to product innovation and next generation technology, we truly believe we have designed a hot water system that is one of the most energy efficient and flexible solutions available in Australia today.

## Our people are here for you.

We have high quality resellers all around Australia, so talk to one of our specialists and start saving today.

YOUR RECLAIM ENERGY 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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