

COVERING MODEL NUMBERS:

REHP-KY-C02-160GL REHP-KY-C02-250GL REHP-KY-C02-315GL REHP-KY-C02-400GL REHP-KY-C02-250SSEW REHP-KY-C02-315SSEW

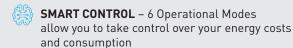




Panasonic Air Conditioners and Heat Pumps are the leading brand in Japan and are manufactured to ensure years of reliable comfort.

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











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)	А	10
Circuit breaker size	А	15
Standby power consumption	W	5.05
Power supply	V/Hz	$230\sim240~Vac$ (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)



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
Option 2: 9 hours (Off-Peak mode 1: 10pm - 7am)	 One Shot Boost is activated by a dry contact signal from home management or PV inverters or dry conta 	
Option 3: 6 hours (Off-Peak mode 2: 12am – 6am)	smart switches	
Option 4: 6 hours (10am - 4pm)	NOTE One Shot Boost: This activates the heat pump if	
Option 5: Timer (Two-Zones)	temperature is less than 59°C, heating up until 59°C is sensor level is achieved.	
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 bunder the following Australian stand
• AS 3498 • AS 2712 • AS 60335.1 •

1300 383 815

HELLO@RECLAIMENERGY.COM.AU

RECLAIMENERGY.COM.AU



facebook.com/CO2HeatPump



instagram.com/reclaimenergy



linkedin.com/company/reclaim-energy in



