



It's time for massive savings off your energy bill

With our CO2 Heat Pump hot water system you will use less energy than an electric water heater for a higher thermal output.

WISELIVING

Sustainable Heating, Cooking and Hot Water

MANAGING
YOUR ENERGY
EFFICIENCY
SIMPLY

Smart hot water is now a reality.

DOLLARS AND SENSE.

- .. Average annual energy saving of
- .. up to 80%
- .. Average running cost of \$360 per annum*
- .. Average daily consumption of 3 kWh per day
- .. Estimated payback period of 3 years.
- .. Warranty up to 15 years**

* Energy usage varies based on individual house hold requirements and location. Estimates provided here are based on the results of field trials undertaken in Australia across 2018. ** Our Stainless Steel Thick Walled Tanks come with a 15 year warranty.

PERFECT HOUSE GUEST.

- .. The quietest system on the market (Average noise level: 37 dB) whisper quiet functionality.
- .. 315L tank size
- .. Ozone friendly CO2 refrigerant
- .. Built-in frost control operation
- .. Built in legionella control operation
- .. Smart top down heating mechanism (faster hot water access and recovery)
- .. Our Single Shot Boost guarantees you will never be without hot water!
- .. User friendly Smart Controller puts controls back in your hands.

SMART FEATURES.

- .. PV setting allows customers to maximise the energy they produce to offset their hot water energy costs. (making the most of when the sun is shining)
- .. Single shot boost (providing you with additional hot water quickly and as needed)
- .. Off peak (ensuring your energy use coincides with off peak energy rates)
- .. Continuous hot water (simply set and forget, enjoy continuous energy efficient low cost hot water)

REBATES. (\$\$ Values of the rebates subject to change.)

MODEL NAME	TANK TYPE	STC IN ZONE 1	STC IN ZONE 2	STC IN ZONE 3	STC IN ZONE 4	STC IN ZONE 5
REHP-CO2-160SST	Stainless Steel 180Lt	25 = \$900	24 = \$864	30 = \$1080	33 = \$1188	33 = \$1188
REHP-CO2-250SST	Stainless Steel 280Lt	25 = \$900	24 = \$864	30 = \$1080	32 = \$1152	32 = \$1152
REHP-CO2-315SSQ	Stainless Steel 330Lt- Squat	26 = \$936	26 = \$936	32 = \$1152	34 = \$1224	34 = \$1224
REHP-CO2-315SST	Stainless Steel 330Lt- Tall	26 = \$936	26 = \$936	32 = \$1152	34 = \$1224	34 = \$1224
REHP-CO2-400SST	Stainless Steel 420Lt	25 = \$900	23 = \$828	30 = \$1080	32 = \$1152	32 = \$1152

HEAT PUMP SPECIFICATIONS.

Heat output at 30 C ambient/24 C cold water inlet	kW	4.8
Electric input at 30 C ambient/24 C cold water inlet	kW	0.86
COP at 30 C ambient/24 C cold water inlet	-	5.6
Standby power consumption	kW	0.0035
Power supply	V/Hz	240V/50 Hz (single phase)
Heat pump refrigerant	-	CO2 (R744)
Heat pump hot water delivery temperature	0C	63
Range of operating Ambient temperature	0C	-10 to 43
Heat pump unit weight	kg	48
Heat pump location	-	outdoor
Noise level	dB	37
Dimension (H x W x D)	mm	675*825*300
Rain resistance	-	IP*4
Water port connections (Inlet / Outlet)	Inch/mm	1/2" BSP, 12.7mm

TANK SPECIFICATIONS. (STAINLESS STEEL)

Tank unit weight (empty)	kg	70
Storage tank volume (delivery)	70	315
PTRV pressure	kPa	700
Thermistor level on tank (% from top of the tank)	%	65
Height*Diameter Stainless steel APS160TH	50kg approx.	1200 / 565mm
Height*Diameter Stainless steel APS250TH	60kg approx.	1800/ 565mm
Height*Diameter Stainless steel (squat) APS315SH	70kg approx.	1490 / 685mm
Height*Diameter Stainless steel (tall) APS315TH	70kg approx.	2090 / 565mm
Height*Diameter Stainless steel APS400SH	80kg approx.	1850 / 685mm

SMART CONTROLLER SPECIFICATIONS.

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	C	37/59
Daily Self-Legionella control	-	60C at 45% level on tank
Operational mode (selectable by the end user)		5 available options *
- Option 1: 24 hours- continuous		
- Option 2: 9 hours (off-peak mode 1: 10p.m.-7 a.m.)		*A quick boost button run the
- Option 3: 19 hours (off-peak mode 2: 10p.m.-5 p.m.)		heat pump for the maximum of 6
- Option 3: 19 hours (off-peak mode 2: 10p.m.-5 p.m.)		hours to provide quick hot water
- Option 4: 6 hours (10 a.m. - 4 p.m.)		hours to provide quick hot water
		delivery
- Option 5: Timer (two-zones)		

The potential for living off-grid.

WARRANTY.

Component	Model ID	Description	Warranty Period (Parts Only)
Controller	RCE-HP-CONT-V1	Controller and sensor lead	1 year
Tank		Wise Living Stainless Steel Tank	15 years
Heat pump	EHPE-4540P	PCB (main) PCB display Motor Sensors * 6 (Compressor charge/dis-charge, water inlet/outlet, ambient and frost thermistors) Reactor Expansion valve coil Water Pump Refrigeration components (compressor, evaporator, water heat exchanger)- Unit replacement	3 years 6 years
Valves	-	700 kPa PTRV	1 year

DEALER DETAILS.