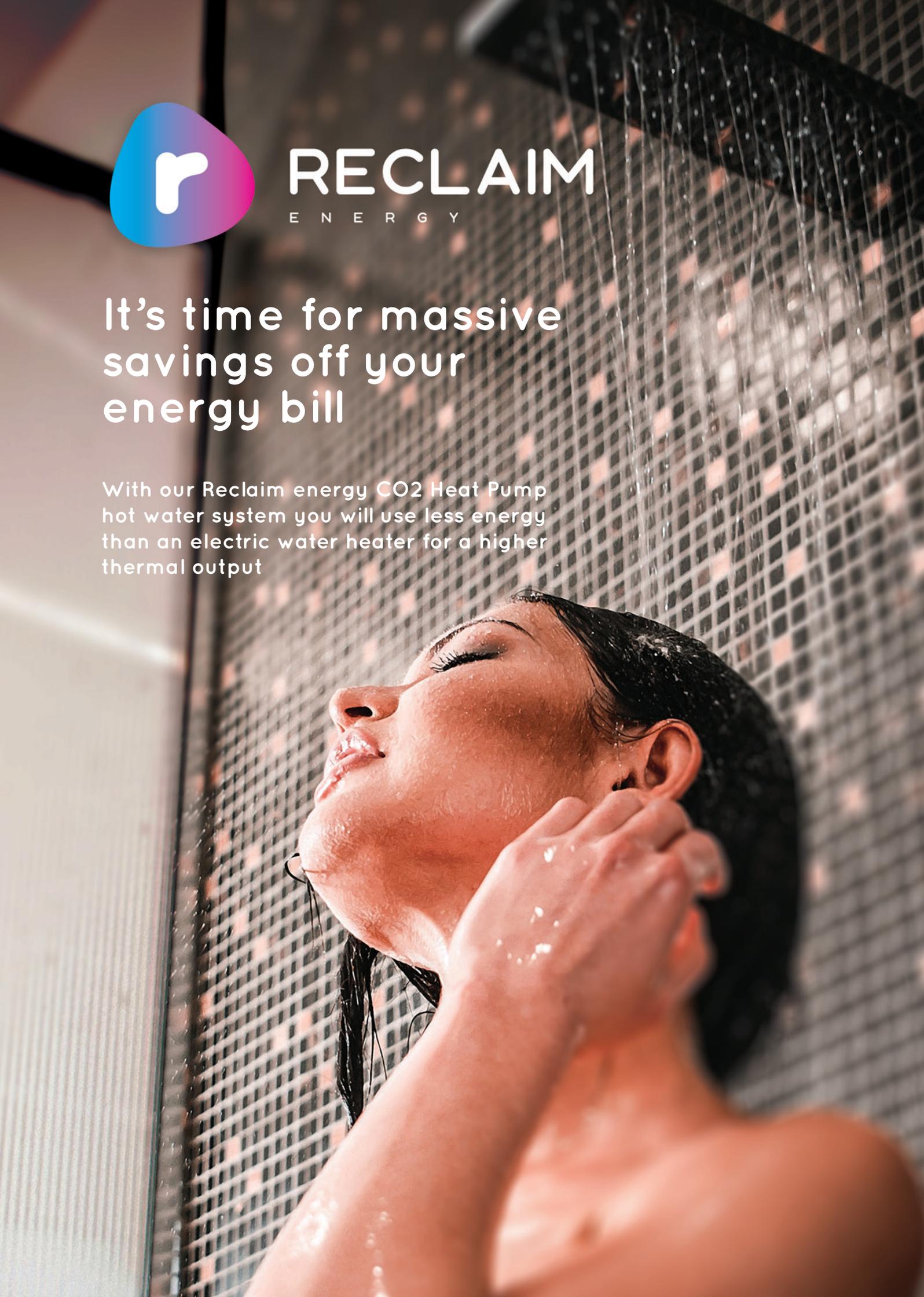




**RECLAIM**  
ENERGY

# It's time for massive savings off your energy bill

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



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 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 (Glass Lined Enamel or Stainless Steel - there are benefits to both depending on where you live and your water supply)
- . 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)
- . User friendly controls puts power 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 to enjoy continuous energy efficient low cost hot water)

## REBATES . (Values of the rebates subject to change)

MODEL NAME	TANK TYPE	STC IN ZONE 3	STC IN ZONE 4	STC IN ZONE 5
REHP-CO2-315GL	Glass Lined	32 = \$1152	34 = \$1224	34 = \$1224
REHP-CO2-315SST	Stainless steel tall	32 = \$1152	34 = \$1224	34 = \$1224
REHP-CO2-315SSQ	Stainless steel squat	32 = \$1152	34 = \$1224	34 = \$1224

Metro  
31 VEEC = \$558  
Regional  
33 VEEC = \$594\*  
  
Victorians have an additional state government "Solar Hot Water" rebate of \$1,000 available to residents.

## 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 . (GLASS LINED OR STAINLESS STEEL)

Tank unit weight (empty)	kg	92
Storage tank volume (delivery)	L	315
PTRV pressure	kPa	700
Thermistor level on tank (% from top of the tank)	%	65
Height*Diameter Glass-lined AP315GLH	mm	1765 / 617
Height*Diameter Stainless steel (squat) APS315SH	mm	1490 / 685
Height*Diameter Stainless steel (tall) APS315TH	mm	2090 / 565

## 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.)		
- Option 3: 19 hours (off-peak mode 2: 10p.m.-5 p.m.)		
- Option 4: 6 hours (10 a.m. - 4 p.m.)		
- Option 5: Timer (two-zones)		

\*A quick boost button run the heat pump for the maximum of 6 hours to provide quick hot water delivery

The potential for living off-grid.

## WARRANTY .

Component	Model ID	Description	Warranty Period (Parts Only)
Controller	RCE-HP-CONT-V1	RECLAIM ENERGY Controller and sensor lead	1 year
Tank	RE315GLH AP315AGLH AP315GLH AP315GLG	RECLAIM ENERGY Glass-Lined tank	7 years
	APS315TH APS315SH	RECLAIM ENERGY Stainless steel	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	6 years
		Refrigeration components (compressor, evaporator, water heat exchanger)- Unit replacement	6 years
Valves	-	700 kPa PTRV	1 year

## DEALER DETAILS .

1300 383 815 . [reclaimenergy.com.au](http://reclaimenergy.com.au) . [hello@reclaimenergy.com.au](mailto:hello@reclaimenergy.com.au)