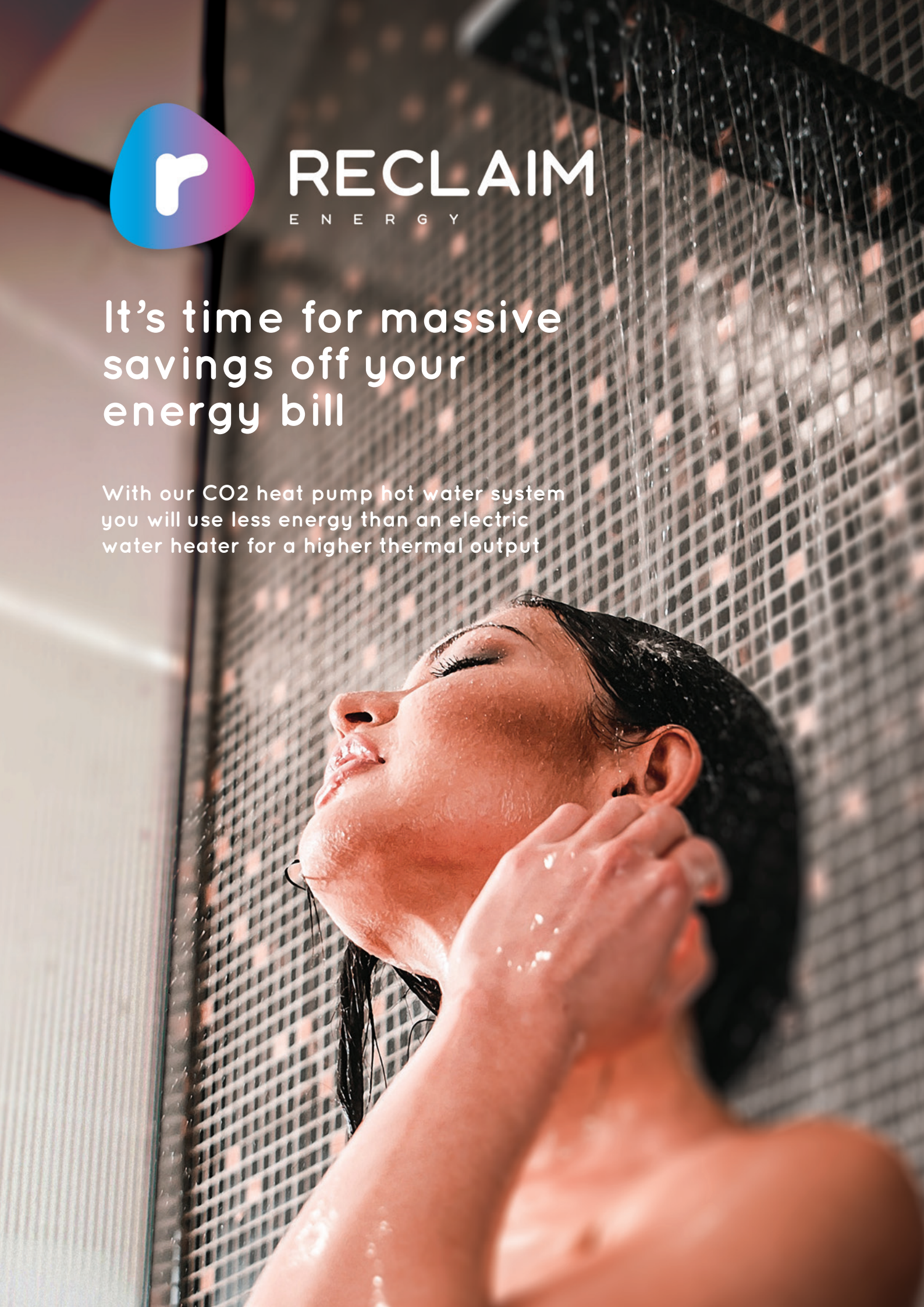


RECLAIM
ENERGY

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



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 1	STC IN ZONE 2	STC IN ZONE 3	STC IN ZONE 4	STC IN ZONE 5
REHP-CO2-315GL	Glass Lined	26 = \$936	27 = \$936	32 = \$936	34 = \$1224	34 = \$1224
REHP-CO2-315SST	Stainless steel tall	26 = \$936	26 = \$936	32 = \$1152	34 = \$1224	34 = \$1224
REHP-CO2-315SSQ	Stainless steel squat	26 = \$936	26 = \$936	32 = \$1152	34 = \$1224	34 = \$1224

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	OC	63
Range of operating Ambient temperature	OC	-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
Dimension (Height*Diameter): Glass-lined AP315GLH	m	H = 1765mm / D = 617mm

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: 24hours- continuous		
- Option 2: 9hours (off-peak mode 1: 10p.m.-7 a.m.)		
- Option 3: 19hours (off-peak mode 2: 10p.m.-5 p.m.)		
- Option 4: 6 hours (10 a.m. - 4 p.m.)		
- Option 5: Timer (two-zones)		
Daily Self-Legionella control	-	60C at 45% level on tank

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



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	3 years
		Refrigeration components (compressor, evaporator, water heat exchanger)- Unit replacement	6 years
Valves	-	700 kPa PTRV	1 year

DEALER DETAILS .

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