

CO² Solar Hot Water Heat Pump with Stainless Steel tanks

These units are a little different from most potable hot water heat-pumps in that they use CO² hydrocarbon instead of traditional refrigerant. They also employ an inverter-style multi-speed compressor and sophisticated electronics to maintain the optimum efficiency in varying conditions.

They are split-systems with all the 'refrigeration' contained within the heat-pump and water-only connections to the tank. A water circulation pump is also contained within the heat-pump unit.

(Installation is simple, and can be performed by any licensed plumber[#])

Savings of up to 78% compared to std electric hot water units.

The long-lasting marine grade stainless-steel tanks, do not require anodes and have a 15year warranty. The heat-pump unit has a 3yr warranty.

They are fully accredited Solar hot water services attracting solar rebates.

One 315Lt unit is ideal for up to 6 people in a 3-4 bedroom 1-2 bathroom home.

One 250Lt unit is ideal for up to 4 people in a 2-3 bedroom 1 bathroom home.

One 160Lt unit is ideal for up to 2 people in a 1-2 bedroom 1 bathroom home.



Model Number	Tank Size	Unit Price Before Rebates	STC/RECs Rebates - ALL					VIC Metro Elec Change (VEEC's)	VIC Rural Elec Change (VEEC's)
			Zone 1	Zone 2	Zone 3	Zone 4	Zone 5		
315-SS (TALL)	315Lt	\$4650*	26x	25x	32x	34x	33x	46x	48x
315-SS SQUAT)	315Lt	\$4650*	26x	25x	32x	35x	33x	46x	48x
250-SS	250Lt	\$4500*	26x	25x	32x	34x	33x	TBA	TBA
160-SS	160Lt	\$4400*	26x	25x	31x	33x	33x	TBA	TBA

Optional "Quickie Installation Kit" (recommended for new homes) 15mm - includes all the extra fittings required for installation, and is worth around \$300 for just an extra \$250.

** prices as at 1st August 2014, and subject to change without notice, please call for latest pricing & solar rebates.*

Main features:

1. Long Life Stainless Steel Tank, made in Australia
2. 15yr tank warranty
3. Heatpump made in Japan, 3yrs warranty
4. Whisper quiet – you'll hardly notice it running!
5. **NO ROOF MOUNTED COLLECTOR PANELS!** (simple to install)
No need to install a tank or panels on your roof.
6. The split system offers flexible tank location - heat pump and tank can be located up to 4 metres apart.
7. No need to be installed in direct sunlight.
Because it extracts heat energy from the air, it produces low cost hot water 24hrs/day 365days/year - even at night and when it is raining.

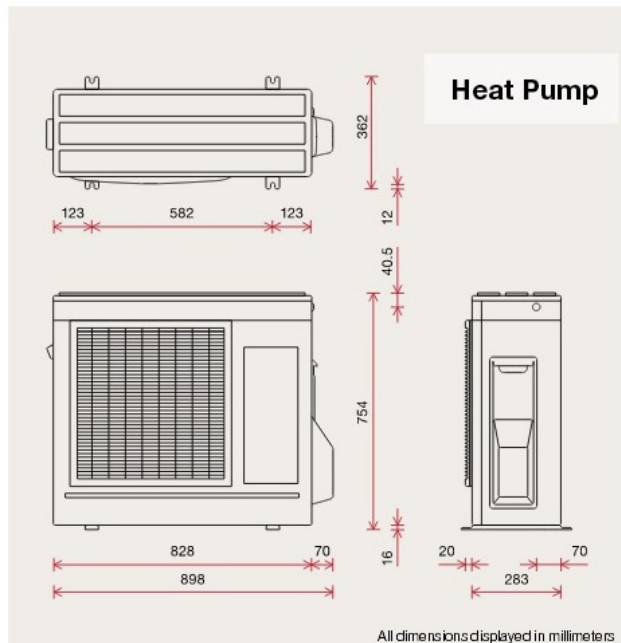


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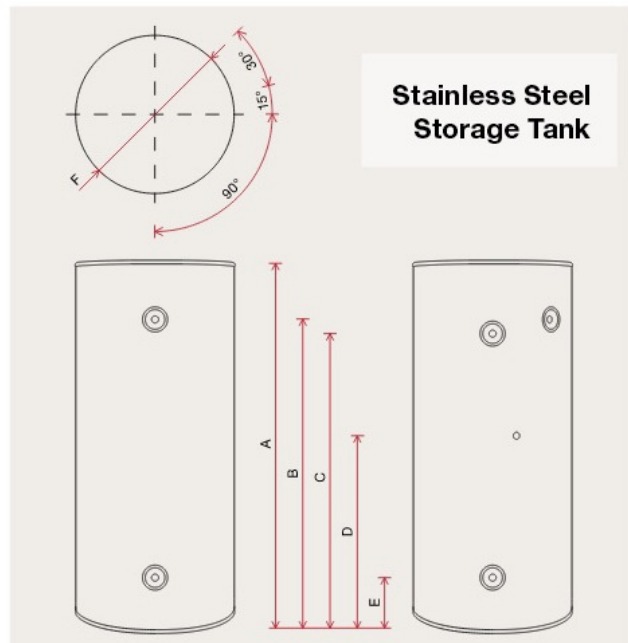
Specifications



All dimensions displayed in millimeters

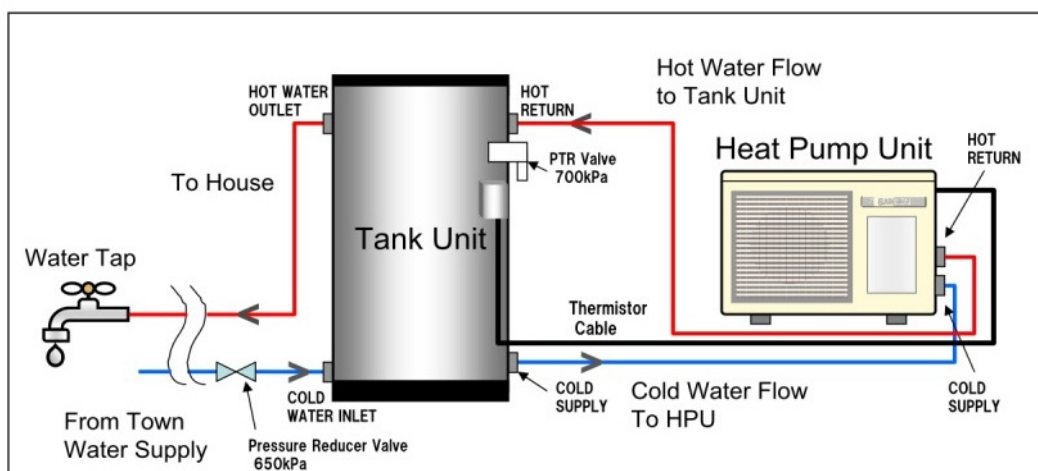
Dimensions	
Weight	56 kg
Technical	
Power Input	1.0 kW
COP (Heating Efficiency)	4.5 ^
Refrigerant	CO ₂ (R744)
Water Temperature Setting	65 °C
Compressor	Variable
Electrical Supply	220 – 240V/50Hz/1Ph
Circuit	15 Amps
Operating Noise Level	38 dB
Ambient Air Operating Temperature	-10 °C to +43 °C
Water Connections & Settings	
Inlet	½" BSP, 12.7 mm
Outlet	½" BSP, 12.7 mm

Note: Materials and specifications are subject to change without notice.



Model No:	GAUS-315EQTD/G	GAUS-315EQTE/F	GAUS-250EQTA/B	GAUS-160EQTA
A Height	1490 mm	2090 mm	1800 mm	1200 mm
B Hot Water Outlet & PTR Valve	1260 mm	1850 mm	1550 mm	950 mm
C Heat Pump Return	1260 mm	1850 mm	1550 mm	950 mm
D Sensor Port	940 mm	1330 mm	825 mm	435 mm
E Cold Water Inlet / Heat Pump Flow	200 mm	210 mm	210 mm	210 mm
F Diameter	680 mm	570 mm	570 mm	570 mm
Weight	70 kg approx.	70 kg approx.	60 kg approx.	40 kg approx.
Storage Capacity	315 L	315 L	250 L	160 L

Water Connections & Settings	
Tank Relief Valve Setting (PTR Valve)	850 kPa
Expansion Control Valve Setting (ECV)	700 kPa
Maximum Mains Pressure Settings	
With ECV	500 kPa
Inlet Water Operating Pressure	500 kPa
Adjustable Tempering Valve	1400 kPa max.



Typical Installation Diagram

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