



## Solar Heat Pump - Conergy Technology



This all-in-one heat pump is designed Australian for our harsh climate. It extracts thermal energy from the air by using refrigerant to absorb latent heat. This refrigerant is then excited through a compressor providing optimum conditions to transfer the heat energy to the stored water.

The automated control system will heat the water as the tank temperature drops below a set-point.

This heat pump is ideal for rural situations and is a simple replacement for all non-solar hot water system, especially old electric units.

### Specifications

Hot Water Delivery	Mains Pressure
Water Pressure Minimum	300kPa
Power Input	~1.2kW
COP (Heating Efficiency)	~3.8
Refrigerant	R134a
Electrical Circuit	240V, 50Hz, 1Ph, 10A
Operating Noise Level	51dB
Glass Lined Tank Size(s)	250L

### BENEFITS



- Compact one piece design for quick and easy installation
- Reduce your domestic hot water energy consumption by over 60%
- Unique water immersed coil for outstanding heat transfer
- Fitted with Hotlogic freeze protection, making it suitable for all climates
- No roof collectors or backup boosting element required
- We instal with Australian Valve Group fittings and UV protected insulation to maximise product performance and longevity

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