

Solar Hot Water

Harnessing the sun's immense heat & power is easy and affordable with a solar water solution.

USES UP TO
80%
LESS
ENERGY

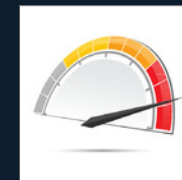
Soak in the warmth of the sun whilst reducing your water heating bills. These highly efficient solar water heaters use the sun's unlimited and free energy to pre-heat your water, using up to 80% less purchased energy than conventional hot water systems.

Hot water is a basic household need and there are few things more soothing than soaking in a warm shower or bath. There are, however, few things more frustrating than running out of hot water just when you want it, but with this range of solar hot water systems, reliable, environmentally-friendly hot water is on tap.

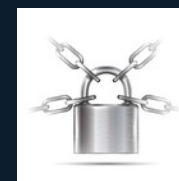
Features



Drastically reduce energy consumption
Using the FREE heat energy from the sun your home's reliance on fossil fuel generated electricity will be drastically reduced



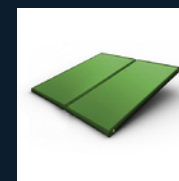
Highly efficient
Our systems are highly efficient and attract some of the highest STCs (Incentives) available



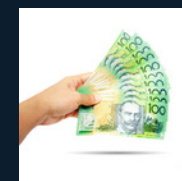
Built tough
Collectors are constructed with a robust steel frame and the tank with thick steel to provide high tensile strength



Clever controller
The intelligent controller manages your systems solar heating and ensures the most efficient operation



Some of the greenest on the market
Attracting some of the highest STCs (Incentives) makes our systems some of the Greenest systems available



Eligible for generous government rebates
As highly efficient systems our Solar hot water heaters are eligible for generous Government rebates.

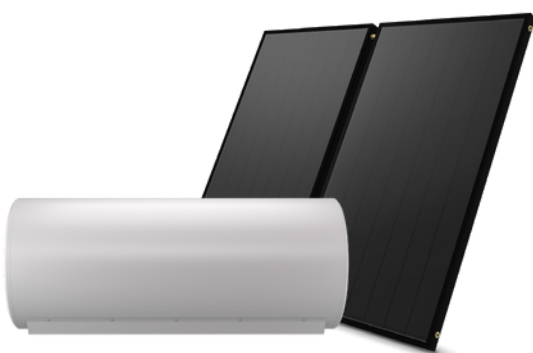
Split & Thermosiphon Systems

The Range



Split Configured Systems

- Includes a split configuration of a ground-mounted tank and roof-mounted thermal collector/s
- Provides an aesthetically pleasing rooftop appearance
- Requires a pump to circulate water through the collectors

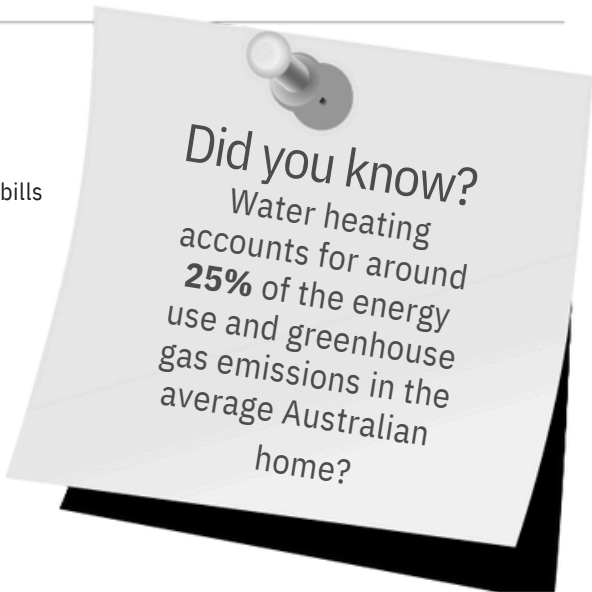


Thermosiphon Systems

- Includes a roof-mounted tank & collector/s
- Ideal where ground space is limited
- Uses natural thermosiphon convection to circulate water efficiently through collectors

The solar advantage:

- | Solar pre-heated water significantly reduces power consumption & power bills
- | Improves the energy efficiency of your home
- | Reduces emissions of harmful greenhouse gases
- | Provides a reliable supply of hot water in any weather or time of day



Split Configured Systems

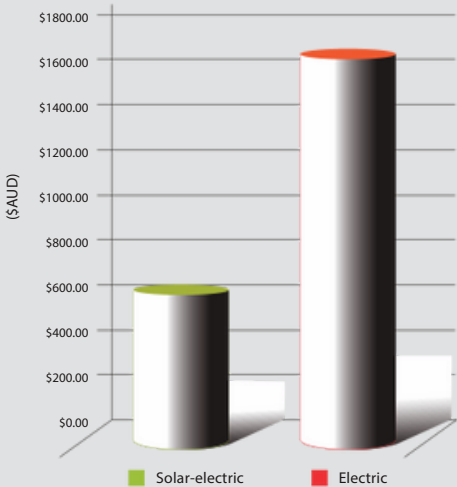
The split configured solar hot water system consists of a ground mounted tank and roof mounted collectors, and have been designed to provide energy efficient water heating and installation flexibility, without compromising the aesthetics of the home. These split units rely on a pump component to circulate water from the tank through the roof mounted collectors to heat the water before returning to the storage tank. Complimented with an inbuilt 2kW backup electric element to ensure reliable hot water in any weather.



No. of Panels	2 Panel
Total Width x Height x Depth (mm)	2224 x 2187 x 90
Total Gross Area (m²)	4.86
Aperture Area / Absorber Area (m²)	4.28 / 4.10
Cover Thickness (mm)	3.2
Collector Weight empty / full (kg)	74 / 88
Maximum Pressure (kPa)	1000
Manifold / Riser Diameter (mm)	22.23 / 12
Heat Transfer medium	Water
Fluid content (litres)	7.1



Tank Volume	300L
Cylinder Type	Vitreous Enamel
Cold / Hot Connections	3/4" (20mm) Female
Flow & Return Connections	3/4" (20mm) Female
PTR Valve Connection	1/2" (15mm) Female
Dimensions (Ø x H/L)	Ø570 x 1835mm
Weight (Empty)	85kg
Backup Element	2kW
Relief Valve Pressure	850kPa
Power Supply	220-240V / 1Ph / 50Hz



Energy efficiency

Old energy-hungry electric hot water heaters are very expensive to run and are a huge contributor to household energy consumption, but with solar hot water you could drastically reduce your water heating bill!

You save so much because most of the heating comes FREE from the abundant Australian sunshine and less electricity is required. When you use the sun to heat your water, you are not only saving money today, you are also reducing your carbon footprint, for a cleaner environment tomorrow.

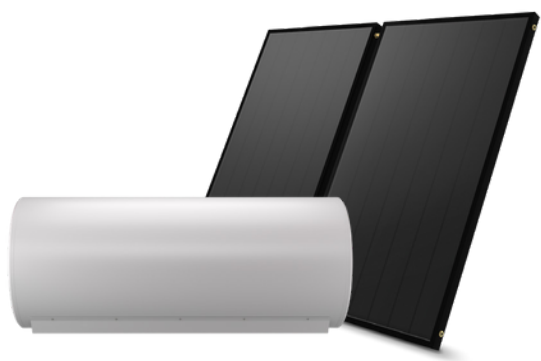
How Split Configured Solar Hot Water Works:

1. Roof-mounted thermal collectors harness the free abundant heat energy from the sun
2. Water from the tank is circulated via a small pump through the roof-mounted collectors and is heated
3. The heated water returns to the tank and is stored for later use
4. On days of high consumption and/or low solar gain an in tank electric element assists in reaching the desired water temperature



Thermosiphon Systems

The roof mounted thermosiphon solar water heaters include a horizontal tank that sits above the flat plate collectors on the roof. These systems are highly efficient and use natural thermal convection to circulate hot water from the collectors to the tank without the need for electric pumps. As these system bring both the solar collectors and storage tank to the one roof location, make them ideal for applications where available ground space is limited. Complimented with an inbuilt 2kW backup electric element to ensure reliable hot water in any weather.



Flat Plate Collectors



Horizontal Storage Tank

No. of Panels	2 Panel
Total Width x Height x Depth (mm)	2224 x 2187 x 90
Total Gross Area (m²)	4.86
Aperture Area / Absorber Area (m²)	4.28 / 4.10
Cover Thickness (mm)	3.2
Collector Weight empty / full (kg)	74 / 88
Maximum Pressure (kPa)	1000
Manifold / Riser Diameter (mm)	22.23 / 12
Heat Transfer medium	Water
Fluid content (litres)	7.1

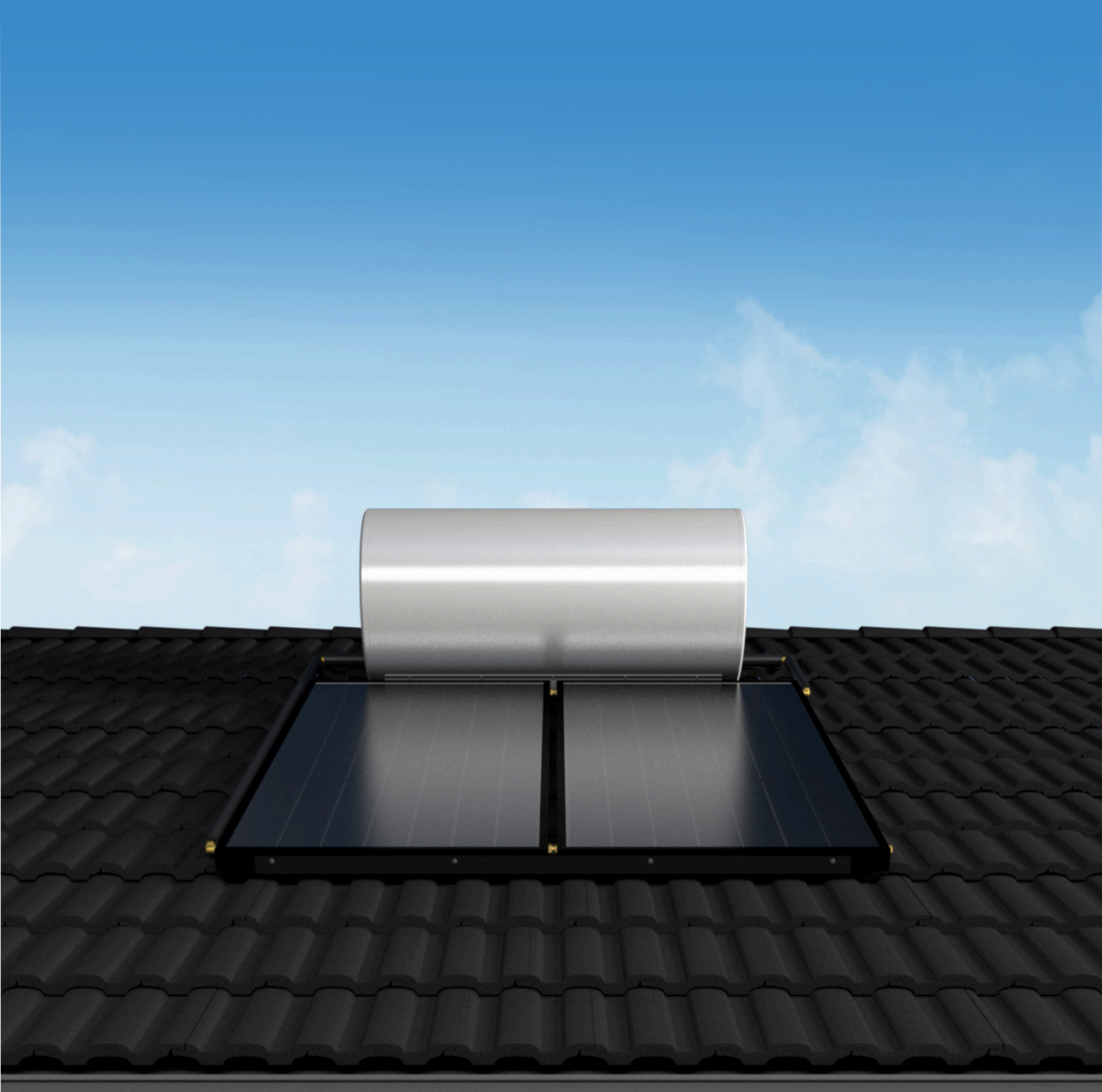
Tank Volume	300L
Cylinder Type	Vitreous Enamel
Cold / Hot Connections	3/4" (20mm) Female
Flow & Return Connections	3/4" (20mm) Female
PTR Valve Connection	1/2" (15mm) Female
Dimensions (Ø x H/L)	Ø640 x 1560mm
Weight (Empty)	92kg
Backup Element	2kW
Relief Valve Pressure	850kPa
Power Supply	220-240V / 1Ph / 50Hz

Warranty

Collectors	Tank Cylinder	All other parts & Labour
5 years (3 year labour)	5 years (3 Year Labour)	1 year

How Thermosiphon Solar Hot Water Works:

1. Roof-mounted thermal collectors harness the free abundant heat energy from the sun
2. Water from the tank is circulated through the collectors and is heated
3. The heated water returns to the tank using natural thermal convection, and is stored for later use.
4. On days of high consumption and/or low solar gain an in tank electric element assists in reaching the desired water temperature



Warranty

Collectors	Tank Cylinder	All other parts & Labour
5 years (3 year labour)	5 years (3 Year Labour)	1 year



Contact Us



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