



SOLAR HOT WATER SOLUTIONS | Ground Systems

COMES ON STEADY, HOT AND STRONG

INSTALL A



**RHEEM. SINCE 1937.**

Rheem has been manufacturing in Australia since 1937. Over seventy-five years later, Rheem is a household name and is as much a part of the fabric of Australian life as backyard cricket, the great Aussie barbecue and lamingtons. Today we are the largest appliance manufacturer in Australia, manufacturing over 70% of all Australian made water heaters.

The nation's - and world's - focus on renewable solutions has also seen Rheem develop its next generation water heaters. We have played a major role in facilitating the transition in Australia to more energy efficient and environmentally friendly water heating solutions.



**SAVE UP TO 80% OF HOT WATER ENERGY USE\***

A Rheem solar hot water system is an excellent environmental and financial investment. It can significantly reduce fossil fuel energy use and consequent pollution and greenhouse gas emissions.

Not only are you helping the environment by installing a Rheem solar hot water system, you could also enjoy substantial savings on your household hot water energy use of up to 80%.\*



Rheem | You'll be right with Rheem.

COMES ON STEADY, HOT AND STRONG

## SAVE MORE WITH GOVERNMENT INCENTIVES

The Federal Government has a small scale Renewable Energy scheme whereby eligible solar water heaters are entitled to a number of Small Scale Technology Certificates (STCs).

These incentives can reduce your initial investment making a Rheem hot water system not only a good choice for the environment but also for your pocket.

Ask your local Rheem Solar Specialist how much you will save.



## INTEREST FREE OPTIONS

Rheem offers you interest free options so you can enjoy all the benefits of owning a Rheem solar water heater TODAY whilst paying for your system over time – INTEREST FREE.

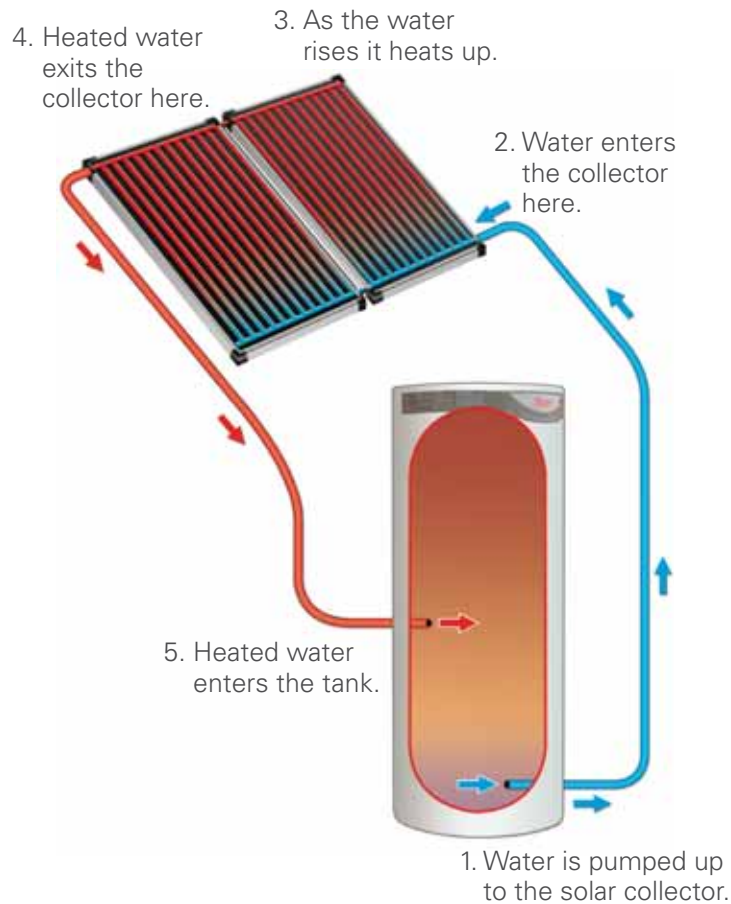
Ask your local Rheem Solar Specialist for more information.



\*Energy and greenhouse gas emissions reduction of up to 80% based on Australian Government Approved TRNSYS simulation modelling and apply when replacing an electric water heater in Zone 3. Any financial savings will vary depending on type of Rheem Solar system installed, orientation and inclination of the solar collectors, type of water heater being replaced, hot water consumption and fuel tariff. Maximum financial savings off your hot water bill are achievable when replacing an electric water heater on continuous tariff.

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### DIRECT SOLAR

Rheem Loline solar water heaters are direct systems suitable for warmer climates and areas with good water quality.

### HOW DIRECT SOLAR WORKS

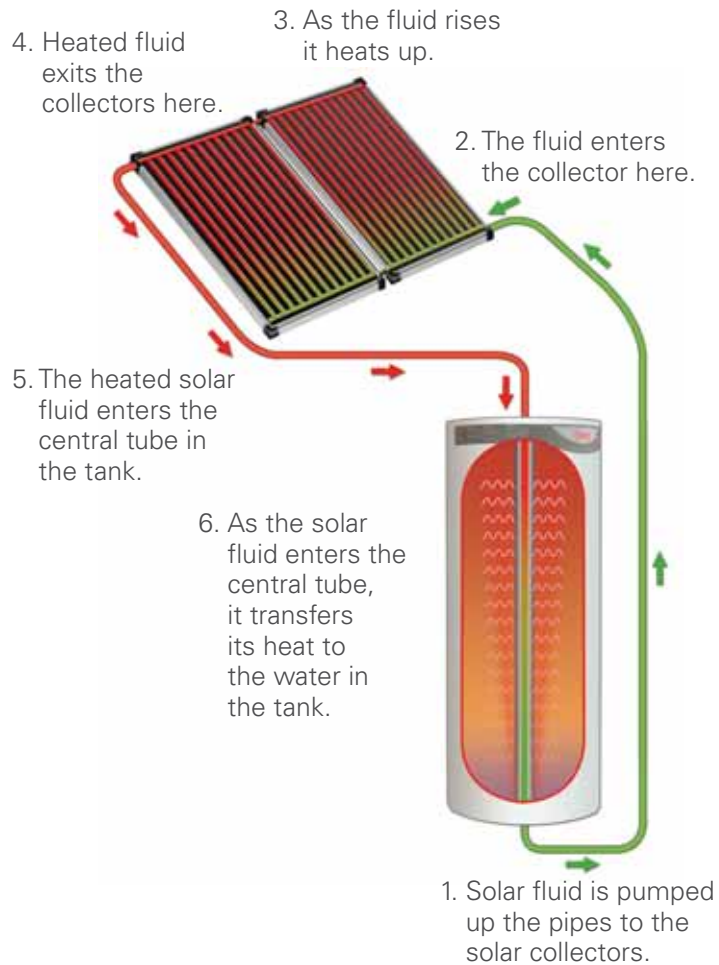
Solar water heaters work by absorbing energy from the sun's rays in roof mounted solar collectors. This energy is transferred to heat water stored in the storage tank. Ground mounted systems rely on inbuilt pumps to push the water through the system. Typically water passes through channels in the solar collector where the water is heated. As the water moves out of the collector and into the tank, the tank gradually gets hotter until the water reaches its maximum stored temperature.



Model No: 511325/2NPT

- Split design reduces the structural load on your roof.
- Multi-rise collectors efficiently absorb energy from the sun.
- Electric and Gas boosted models available.

Rheem | We have the right Rheem for you.



### INDIRECT SOLAR

Rheem Premier® Loline solar water heater is an indirect solar water heater specifically designed for cooler climates and areas with poor water quality.

### HOW INDIRECT SOLAR WORKS

Indirect models are designed for frost prone areas and work in much the same way as direct models but rather than heating water 'directly' in the solar collectors, heat exchange fluid with anti-freeze properties is heated. This in turn 'indirectly' heats the water. Indirect heating prevents water freezing and damage to collectors.



Model No: 591270/2T

- Complete frost protection.
- Split design reduces the structural load on your roof.
- Top mounted solar connections on the tank are located safely out of reach of children.
- Features drain back technology to prevent freezing of collectors in cold conditions and overheating in hot climates.

## WHY RHEEM SOLAR

**Energy efficient** – uses up to 80% less energy than an electric water heater, saving you money\*.

**Reduces carbon emissions** – solar systems save up to 3.3 tonnes of greenhouse gas emissions every year<sup>1</sup>.

**Minimise reliance on fossil fuels and protect yourself against future energy cost increases** – take advantage of Australia's abundant supply of sunlight, and reduce your reliance on expensive, non-renewable gas and electricity.

**Complete range** – the Rheem solar range includes both split, ground mounted systems and complete roof mounted models in a variety of capacities from 160 – 410 Litres.

**Booster options** – Rheem solar systems are available with electric or gas boosting, providing hot water during cloudy weather, or at night.

## NPT COLLECTOR

The NPT Series is our largest selling collector. Designed to supply you and your family abundant hot water, the NPT collector is solidly constructed from high grade copper and aluminium, and is housed in a durable ZINCALUME® tray.

## TBT – THE ULTIMATE COLLECTOR

The TBT Series collector is designed especially for high performance. Rheem has taken advantage of the latest advances in heat-transfer technology to build superior solar collectors to gather as much of the sun's energy as required. The TBT Series collector uses an advanced titanium coated copper solar absorber plate combining first grade copper with titanium, to show superior qualities in solar performance when compared with other solar collectors available.

## WHICH SYSTEM SUITS YOU

Which system you choose will depend on where in Australia you live, which way your home faces and even the pitch of your roof. So it's important to talk to your local Rheem Solar Specialist about the Rheem hot water system which is ideal for you.

There will be days during the year when your solar system doesn't receive sufficient energy from the sun to provide all the hot water you need. Rheem gives you the option to have either an in tank electric element booster or a gas in-line continuous flow boosting unit. The choice is yours; ask your local Rheem Solar Specialist which option would be best suited to you.

**Visit [www.rheem.com.au](http://www.rheem.com.au) or phone 1300 765 277 to find your nearest Rheem Solar Specialist.**

Rheem | Ground Mounted Systems. Technical Specifications.

	Frost Areas	Water Quality	Warranty	Solar Contribution Area		
				Low	Medium	High
<b>Loline Systems</b>						
NPT	x	Potable	5 years <sup>2</sup>	x	✓	✓
HBT/TBT	x	Potable	5 years <sup>2</sup>	✓	✓	x
<b>Premier Loline Systems</b>						
S200	✓	Potable	5 years <sup>2</sup>	x	✓	✓
T200	✓	Potable	5 years <sup>2</sup>	✓	✓	✓

Conditions

\* Refer to separate warranty table on the technical specifications page for full details.

Model		Rheem Loline Series			Rheem Premier Loline Series	
		511271	511325	511410	590270	596270
Storage capacity	litres	270	325	410	270	270
Suitable number of users <sup>3</sup>		2-5	2-6	3-7	1-3	2-5
Boost capacity (electric)	litres	140	170	220	125	
Boost capacity (gas)	litres/min					27L/min @ 25°C rise
Height	m	1.395	1.640	1.840	1.790	1.790
Width	m	0.640	0.640	0.690	0.650	0.650
Depth	m	0.680	0.680	0.690	0.680	0.890
Weight (empty)	kg	71	87	111	165	165
Weight (full)	kg	341	412	521	416	435
Temperature setting	°C	60	60	60	60	60
Gas input	MJ/hr					205

<sup>1</sup> Greenhouse gas emission savings based on installing a 511325/2NPT Solar Hot Water heater, when replacing an electric water heater.

<sup>2</sup> For full details refer to the Rheem Warranty Guidelines in the Owner's Manual or at [www.rheem.com.au/warranty](http://www.rheem.com.au/warranty)

<sup>3</sup> Contact your Rheem Solar Specialist for further details.



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**[www.rheem.com.au](http://www.rheem.com.au)**

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For sales assistance call:  
1300 SOLARS  
1300 765 277 (Australia only)

For service assistance call:  
1300 339 2737 (Australia only)

Your local Rheem Solar Specialist:



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