AUSTRALIA’S FAVOURITE NAME IN HOT WATER
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**RHEEM IS AUSTRALIA’S FAVOURITE NAME IN HOT WATER AND THE NAME AUSTRALIANS HAVE TRUSTED FOR GENERATIONS**

**YOU’LL BE RIGHT WITH RHEEM**
No.1 with Australian families. Rheem is Australia’s favourite hot water system… and it’s been that way since 1939, when Rheem started making water heaters in Australia. Generations of Australian families have relied on Rheem for water that is steady, hot and strong!

**RHEEM IS EVERYWHERE**
There is an unequalled network of experienced Rheem service agents across the country. No matter where you are in Australia there is expert advice available to ensure that you get the Rheem solution that is right for you.

**WE HAVE THE RIGHT RHEEM FOR YOU**
Rheem has the most extensive range of hot water systems available in Australia. Solar, gas or electric storage. Continuous flow or heat pump. Energy efficient. Rheem has a range of capacities and sizes just right for every situation.

Solar, gas or electric. Continuous flow, heat pump or storage. Rheem has a range of hot water solutions for every situation.

**CHOOSING THE RIGHT CAPACITY RHEEM FOR YOUR HOME**
Many households change over time, so it’s important to choose the right capacity to meet your needs both now and as your family grows.

Factors to consider in determining your hot water needs:

- Number of bathrooms or people using hot water at once.
- Adults and children in the home (teenagers will use more hot water than young children).
- Dishwashers or washing machines connected, that use hot water at the same time.
- Will a large bathtub or spa-bath be filled using hot water?

Your hot water system needs will be influenced by the water conditions, climate and water pressure in your region.
Solar water heaters come in both roof and ground mounted systems to suit various applications with a choice of either electric or gas back-up boosters for days when the sun doesn’t shine. There are even models suited to particularly cold areas, which mean every family can enjoy the benefits a solar water heater has to offer.

**WHY RHEEM SOLAR**

**Energy efficient** – uses up to 70% less energy than an electric water heater, saving you money.¹

**Reduces carbon emissions** – solar systems save up to 3.3 tonnes of greenhouse gas emissions every year.²

**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.³

**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.

**All weather protection** – Rheem Premier® Loline series feature unique, drain-back heat exchange technology, that prevents the solar system from freezing, or overheating during weather extremes.

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

**Eligible for rebates & incentives** – STC and State Government rebates are available for installing solar water heating.⁴

Visit www.rheemsolarsavers.com.au to find out how many STCs apply to Rheem Solar water heaters by zone and to download the STC Assignment form.

**SMALL-SCALE TECHNOLOGY CERTIFICATES**

Small-scale Technology Certificates (STCs) are a financial incentive to encourage the installation of solar water heaters provided under a Federal Government operated scheme.

This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved solar water heater.

To claim your STC entitlement, simply complete the STC Assignment form.
HOW SOLAR WORKS

Solar water heaters work by absorbing energy from the sun’s rays in the roof mounted solar collectors and transferring this to heat water stored in the tank. Ground mounted systems rely on inbuilt pumps to push the water through the system, whereas roof mounted systems rely on a natural ‘thermosiphon’ effect. 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.

THE RIGHT RHEEM FOR YOU

GROUND MOUNTED SYSTEMS

**Premier® Loline**

- Indirect design with complete frost protection - ideal for even the coldest of climates.
- Features drain-back heat exchange technology, assuring you of reliable solar performance in any weather extreme.
- Electric boost and integrated or remote Gas boost models available.
- The split design reduces the structural load on your roof.

**Loline**

- The multi-riser solar collectors efficiently absorb energy from the sun.
- Economical to buy.
- Automatic, electronic controls maximise solar gain.

ROOF MOUNTED SYSTEMS

**Premier® Hiline**

- Features an indirect heat exchange design, ensuring reliable operation in any climate.
- Lightweight and durable stainless steel tank cylinder.
- Space saving roof mounted installation.
- Suitable for use with most water quality types.

**Hiline®**

- Ideally suited to warmer climates.
- Does not require pumps and controllers.
- Relies on water moving through the solar collectors and into the tank using energy absorbed from the sun.

Model Number: 591270/2T

Model Number: 511340/2HBT

Model Number: 52H300K/2S

Model Number: 52S300/2NPT

Model Number: 52X300K/2S

Model Number: 523300/2NPT
Traditionally solar water heaters have proven themselves to be an energy efficient renewable water heating alternative to gas and electric systems, and while solar systems are still an efficient way to heat water, heat pumps save equivalent amounts of energy and greenhouse gas emissions to electric boosted solar systems.

Why Rheem Heat Pump?

Energy efficient – cuts energy use and greenhouse gas emissions by up to 65%.

No solar collectors – reduces structural load on your roof, can be used where roof collectors aren’t suitable.

Replacement for electric water heaters – uses the same plumbing and electrical connections as an electric water heater, making it an ideal upgrade from a standard electric water heater.

2 piece design – results in a reduced handling weight, making it easy to deliver and install on site.

Easy to install – can be fully installed by plumbing trades.

Back up element fitted in every model – delivers hot water even on the coldest of winter nights.

Eligible for rebates and incentives – Rheem Heat Pumps are eligible to receive Small-scale Technology Certificates (STCs) and State Government Rebates.

When suitable, product can be connected to lower cost tariff – which helps reduce running costs.

5 year warranty.

Small-scale Technology Certificates

Small-scale Technology Certificates (STCs) are a financial incentive to encourage the installation of solar water heaters provided under a Federal Government operated scheme.

This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved solar water heater.

To claim your STC entitlement, simply complete the STC Assignment form. Visit www.rheemsolarsavers.com.au to find out how many STCs apply to Rheem Heat Pumps by zone and to download the STC Assignment form.
HOW A HEAT PUMP WORKS

Rheem Heat Pumps deliver hot water by efficiently utilising a free and abundant source of energy – the heat that is in the air around us. Refrigerant vapour compression technology enables the heat pump to intensify this heat, which is used to produce hot water. Rheem Heat Pumps are more efficient during warmer months, and will operate for less hours during the day than in colder months of the year. See illustration below.

When power is available, the Heat Pump heating cycle will continue until the tank is full of hot water.

THE RIGHT RHEEM FOR YOU

HDI-310
- Top Down Heating delivers 60°C hot water in almost an instant.
- High heating power means fast recovery to provide all the hot water you’ll need.
- Interconnecting design fits onto a standard outdoor electric water heater footprint.
- Suitable for cold climates.

MPI-Series
- Heat Pump module is located well below the fence line, which keeps noise away from windows.
- Whisper technology enables quieter operation.
- Two piece interconnecting design allows for easy one-man installation.
- Most economical to buy and install.
- Ideal upgrade for an electric storage water heater, featuring common connections.
- Available in RheemPlus® 50°C temperature models.
- Suitable for warm and tropical climates.

MPs-Series
- The tank and module can be separated by up to 4 metres, allowing you to install the tank inside a garage or laundry space.
- The Heat Pump module suits wall or slab mounting to make the best use of available space.
- HP0 connections are environmentally responsible, as there is no risk of refrigerant escaping from them.
- Suitable for warm and tropical climates.
RHEEM ELECTRIC STORAGE
HOT WATER

MAINS PRESSURE HOT WATER

WHY RHEEM ELECTRIC STORAGE?

Designed for Australia’s tough conditions, using over 70 years of experience in Australia.
Ideal for use with economical off-peak energy tariffs.
7 or 10 year warranty models available.¹,²
Sizes to suit every family size and hot water requirement starting from 25L.
Mains Pressure water delivery for steady, hot and strong hot water.
Indoor models available.
Full technical support through Rheem’s National Service Network.

OFF-PEAK OR CONTINUOUS ELECTRICITY?

Rheem electric storage hot water systems are suitable for connection to either “off-peak” or “continuous” electricity tariffs depending on the model selected (refer to table opposite for comparison).

Off-peak electricity is a lower running cost option that is available to you and uses electricity to heat your water overnight during low demand, ‘off peak’ times. Once heated, the water is then stored in your insulated tank for use during the day. Off-peak electricity is only available for storage hot water systems with a 160 Litre capacity or greater, depending on your local electricity supplier (125 Litre capacity for South Australia).
Continuous electricity is where power is available to heat the water 24 hours per day. A smaller tank can often be used but the running costs will be higher.
Consult your energy provider for more information on tariff arrangements and cost comparisons.

Rheem Electric Storage Water Heaters are ideal for use with money saving off-peak energy tariffs and are available in a range of capacities to suit most needs. Best of all, Rheem Electric Storage Water Heaters come with the Rheem Mains Pressure Advantage built in.
Rheem Mains Pressure water heaters heat water and store it so that it’s ready as soon as you need it. This ensures full pressure to multiple outlets all at the same time.

Electric storage systems are a relatively inexpensive solution to your hot water needs.

¹² Off-peak tariff
± Continuous tariff
* People per household
CHOOSING THE RIGHT CAPACITY
RHEEM FOR YOUR HOME

Many households change over time, so it’s important to choose the right capacity to meet your needs both now and as your family grows.

Factors to consider in determining your hot water needs:

- Number of bathrooms or people using hot water at once.
- Adults and children in the home (teenagers will use more hot water than young children).
- Dishwashers or washing machines connected, that use hot water at the same time.
- Will a large bathtub or spa-bath be filled using hot water? Your needs may also depend on the climate and water pressure.

### RHEEM OPTIMA®

<table>
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<td>2-4 / 3-4</td>
<td>4-6 / 4-7</td>
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<tr>
<td>PPH - Continuous tariff Single/Twin element</td>
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<td>4-6</td>
<td>5-9</td>
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### RHEEMGLAS® AND RHEEMPLUS®

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<th>80</th>
<th>125</th>
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</thead>
<tbody>
<tr>
<td>PPH - Off-peak tariff</td>
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<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>PPH - Continuous tariff</td>
<td>-</td>
<td>1</td>
<td>1-2</td>
<td>2-3</td>
</tr>
</tbody>
</table>

### RHEEMGLAS® ELECTRIC

- Mains pressure at multiple taps
- 7 year warranty
- Available in 25L, 50L, 80L, 125L, 160L, 250L, 315L & 400L capacities
- Off-peak tariff models available
- Twin element daytime boost models available
- Adjustable thermostat models available

### RHEEMOPTIMA® ELECTRIC

- Mains pressure at multiple taps
- 10 year warranty
- Available in 250L, 315L & 400L capacities
- Designed for economical Off-peak energy tariffs
- Twin element daytime boost models available
- User adjustable thermostat

### RHEEMPLUS® ELECTRIC

- Mains pressure at multiple taps
- 7 year warranty
- 50°C maximum temperature delivery
- Single element
- Left hand connection
- Available in 125L, 160L, 250L & 315L capacities
Mains pressure gas storage water heaters deliver hot water instantly, as they keep a generous quantity stored hot and ready for your use. As they are at mains pressure, you can be sure of a strong flow of hot water, and the ability to service multiple showers or hot water needs at once. A choice of 4 and 5 Star models, in a range of capacities means there is a model for every budget and family. And should you ever run short, Rheem’s high recovery models will have you back in hot water fast.

5 Star energy efficient Rheem Gas Storage water heaters are good for the environment.

FACTORS TO CONSIDER:

Purchase, Installation and Running costs:
- Gas Storage systems are a relatively inexpensive solution to your hot water needs. There is a Rheem model to suit just about every budget. If replacing an existing gas unit, there is probably a Rheem model which can simply be installed in the same space.
- Higher efficiency Gas Storage water heaters cost less to run. As a guide, every extra energy-rating star represents approx 7% less gas usage, which means savings in energy bills.

Capacity:
- Gas Storage heaters are rated by their storage capacity and also their “recovery rate”. This is the quantity that can be fully reheated in one hour; the higher this rate the faster you can be back in hot water.

<table>
<thead>
<tr>
<th>Number of People</th>
<th>RHEEM STELLAR®</th>
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<th>360</th>
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<tr>
<td>Cool Climate</td>
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<table>
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<td>3-5</td>
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</tr>
<tr>
<td>Cool Climate</td>
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<td>2-3</td>
<td>3-4</td>
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<tr>
<td>Cool Climate</td>
<td>2-3</td>
<td>3-4</td>
<td></td>
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</tbody>
</table>
WHY RHEEM GAS STORAGE?

5 Star energy rating models save you money and are good for the environment.

Designed for Australia’s tough conditions, using 70 years of experience in Australia.

5, 7 or 10 year warranty models available.17, 18, 19

Capacities to suit most family sizes and hot water requirement, starting from 90 Litres.

Fast hot water recovery of up to 200 Litres per hour available.16

High recovery Rheem Stellar models for high-demand installations.

Mains pressure water delivery for steady, hot and strong hot water.

Indoor models also available (3 star energy rating).

The ability to service multiple uses at once without losing hot water pressure.

Full technical support through Rheem’s National Service Network.

Available to suit Natural Gas or Propane.

THE RIGHT RHEEM FOR YOU

RHEEM STELLAR®

- 5 Star energy efficiency
- High recovery 200L/hour of hot water16
- Mains pressure at multiple taps
- 330L or 360L first hour capacity of hot water16
- 10 year warranty19
- Modern design that complements any home

Model Number: 850 Series

RHEEM 5 STAR

- 5 Star energy efficiency
- Mains pressure at multiple taps
- Strong recovery
- 272L or 302L first hour capacity of hot water16
- 5 year warranty17

Model Number: 350/354 Series

RHEEMPLUS®

- Available in RheemPlus® 50°C temperature models
- No tempering valve required
- Adjustable to deliver higher temperatures (complying with AS 3498)

Model Number: 347 Series

RHEEM 4 STAR

- 90L, 135L and 170L capacities
- 4 Star energy efficiency
- Mains pressure
- Hi-temp thermostat, so you need less hot water†
- 7 year warranty18

†Based on the most common temperature 43°C shower through a 9 litre/minute showerhead mixing with cold water at 10°C Rheem 4 star 347 Series with thermostat set at 75°C delivers 15-20% more continual shower time than the Rheem 3 Star 311 Series with thermostat set at 65°C.

Model Number: 347 Series

RHEEM 3 STAR®

- 90L, 135L and 170L capacities
- Mains pressure
- 5 year warranty17
- Indoor models available (not shown)
- 3 Star energy efficiency

® Not available in NSW

Model Number: 311 Series
CONTINUOUS HOT WATER WHEN YOU NEED IT

WITH RHEEM YOU’RE IN CONTROL

Rheem delivers added safety by putting you in control of the hot water in your home.

Rheem Standard and Deluxe Electronic Temperature Controllers are optional on all models, allowing you to choose the exact temperature you need and to guard against scalding. Rheem Bathroom Controllers can be set up to 50°C. Deluxe Controllers also offer a “bath fill” mode, to turn off the water flow once the bath is filled.

Continuous Flow gas water heaters deliver hot water that will never run out because they heat water when you need it, for as long as you need it. Continuous Flow water heaters work differently from storage water heaters, only heating on demand rather than heating and storing water until needed. 5 Star and better energy efficient Rheem Continuous Flow heaters are good for the environment. Mounted to the wall and taking up less space, they are ideal for a compact home site or apartment.

5+ Star energy efficient Rheem Continuous Flow for hot water that never runs out.
**WHY RHEEM CONTINUOUS FLOW?**

Sizes to suit every home, apartment or family – 12L, 16L, 18L, 20L, 24L and 27L/minute capacities.

5 Star and better energy rating to save money and the environment.

Designed for Australia’s tough conditions, combining international expertise with over 70 years of experience in Australia.

10 year warranty.

Flamesafe® overheat protection, which automatically shuts down your heater should it overheat.

Rheem EZ LINK® delivers up to 54L/minute by linking 2 Rheem units to act as one, thereby doubling capacity.

Rheem Q Factor™ for rapid hot water every time, without the fluctuation when multiple taps demand hot water, which can occur with some Continuous Flow units.

Family safety with electronic control for accurate and reliable water temperature, reducing the risk of scalding.

Electronic Remote Temperature Controllers for accurate setting of the ideal and safest temperature.

Solar ready Rheem 70°C capable models are compatible with solar systems without the need for special fittings.

Factory pre-set 50°C models available, requiring no tempering valve.

Full technical support through Rheem’s National Service Network.

Compact size for flexibility in design to suit every installation.

Available to suit either Natural Gas or Propane

Indoor 27L model available, with matched flue system.

**DEIGNED TO DISAPPEAR**

Your Rheem Continuous Flow water heater can be neatly hidden away to save even more space:

Pipe covers in matching colour will conceal all pipework.

Recess boxes will set your Rheem into the wall.

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**RHEEM WATER STAR® WATER SAVING SYSTEM**

Rheem Water Star is a water-saving device suitable for use with all brands of continuous flow water heaters. It is an easy way to have faster hot water, minimise water wastage and reduce energy usage in the home.

Continuous Flow water heaters can waste water waiting for the heating mechanism to reach full temperature.

Independent research shows a Continuous Flow water heater in a typical home can on average waste between 1.2 and 2.5L of water when the hot water tap is turned on which equates to 135L per day.

By capturing cold/warm water for re-heating later, while releasing already-hot water for instant use Rheem Water Star ensures hot water flows immediately, saving water and energy.

Rheem Water Star is easily installed and comes with a 5 year warranty. There is no extra electrical wiring, it has its own plug-in point for the water heater and is the same size as a Continuous flow water heater. Rheem Water Star cannot be installed with a 50°C Continuous Flow Water Heater or with remote temperature controllers. A tempering valve may be required to be fitted in accordance with AS/NZS 3500-4.
### Rheem Premier® Hiline Solar Hot Water Heater

<table>
<thead>
<tr>
<th>MODEL</th>
<th>52H180K/15-G</th>
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<td>Dimensions &amp; Specifications</td>
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<td>Width</td>
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<td>Depth</td>
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<td>Weight Empty – Tank</td>
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<td>Weight Full – Tank</td>
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<td>Weight Empty – Solar Collectors</td>
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### Rheem Liline Solar Hot Water Heater

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<td></td>
<td>Depth</td>
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<td></td>
<td>Weight Empty – Tank</td>
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<td>Weight Full – Tank</td>
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<tr>
<td></td>
<td>Weight Empty – Solar Collectors</td>
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<td>Weight Full – Solar Collectors</td>
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### Rheem Premier® Loline Solar Hot Water Heater

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### Rheem Loline Solar Hot Water Heater

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<tr>
<td>Dimensions &amp; Specifications</td>
<td>Height</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td>Width</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td>Depth</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td>Cold In (D)</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td>Hot Out (E)</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td>Weight Empty – Tank</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td>Weight Full – Tank</td>
<td>kg</td>
</tr>
</tbody>
</table>

HBT Collectors are only available for installation in zones 3 & 4.
Dimensions & Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Depth (C) mm</th>
<th>Height (A) mm</th>
<th>Height (G) mm</th>
<th>Width (B) mm</th>
<th>Weight Full – Tank kg</th>
<th>Weight Full – Solar Collectors kg</th>
<th>Boost Capacity L/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loline Solar Hot Water Heater</td>
<td>890</td>
<td>1775</td>
<td>1775</td>
<td>592</td>
<td>2490</td>
<td>1495</td>
<td>24L/min</td>
</tr>
<tr>
<td>Premier Solar Hot Water Heater</td>
<td>1941</td>
<td>377</td>
<td>682</td>
<td>1395</td>
<td>104</td>
<td>94</td>
<td>24L/min</td>
</tr>
</tbody>
</table>

HBT Collectors are only available for installation in zones 3 & 4.

Warranty, terms and conditions

1. Energy reduction of up to 70% based on Australian Government Approved TRNSYS simulation modelling and apply when replacing an electric water heater with a Rheem Solar water heater in Zone 3.
2. Rheem Premier® Loline / Loline / Hiline® 5 year cylinder, heat exchanger and solar panels, 3 year labour on cylinder and heat exchanger, 1 year parts including labour. Applies to domestic installations only. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty.
4. Greenhouse gas emission savings based upon installing a 511340/2NPT Solar Hot Water heater, when replacing an electric water heater.
5. Any financial savings will vary depending upon 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.
6. Eligibility criteria apply. Rebates and incentive schemes are subject to change or cancellation without notice.
7. 591270 should be used with T200 solar panels in Victoria and South Australia.
Maximum financial savings of your hot water bill are achievable when replacing an electric water heater on continuous tariff

<table>
<thead>
<tr>
<th></th>
<th>HDi-310</th>
<th>MPI-325</th>
<th>MPI-410</th>
<th>MPs-325</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>551310</td>
<td>551325</td>
<td>551410</td>
<td>561325</td>
</tr>
<tr>
<td>Number of People (Moderate Climate)</td>
<td>3-6</td>
<td>2-5</td>
<td>2-6</td>
<td>2-4</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height (mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module: D</td>
<td>N/A</td>
<td>1018</td>
<td>1018</td>
<td>1034</td>
</tr>
<tr>
<td>Tank: A</td>
<td>1870</td>
<td>1631</td>
<td>1842</td>
<td>1630</td>
</tr>
<tr>
<td>Width (mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module: E</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Tank: B</td>
<td>670</td>
<td>863</td>
<td>931</td>
<td>575</td>
</tr>
<tr>
<td>Depth (mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Module: F</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Tank: C</td>
<td>679</td>
<td>638</td>
<td>686</td>
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</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Heat Pump module (kg)</td>
<td>48</td>
<td>48</td>
<td>48</td>
<td>50</td>
</tr>
<tr>
<td>Tank (kg)</td>
<td>87</td>
<td>88</td>
<td>118</td>
<td>88</td>
</tr>
<tr>
<td>Technical</td>
<td></td>
<td></td>
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<tr>
<td>Capacity (L)</td>
<td>310</td>
<td>325</td>
<td>410</td>
<td>325</td>
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<tr>
<td>Power input (Watts)</td>
<td>1300</td>
<td>800</td>
<td>800</td>
<td>800</td>
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<tr>
<td>Refrigerant</td>
<td>R134a</td>
<td>R134a</td>
<td>R134a</td>
<td>R134a</td>
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<td>Element Sizes (kW)</td>
<td>2.4 or 3.6</td>
<td>1.8, 2.4 or 3.6</td>
<td>2.4 or 3.6</td>
<td>2.4 or 3.6</td>
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<tr>
<td>Boost Capacity (L)</td>
<td>220</td>
<td>180</td>
<td>200</td>
<td>180</td>
</tr>
<tr>
<td>Water Connections &amp; Settings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inlet (RP)</td>
<td>% / 20</td>
<td>% / 20</td>
<td>% / 20</td>
<td>% / 20</td>
</tr>
<tr>
<td>Outlet (RP)</td>
<td>% / 20</td>
<td>% / 20</td>
<td>% / 20</td>
<td>% / 20</td>
</tr>
<tr>
<td>Tank Relief Valve Setting (kPa)</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>ECV Setting (kPa)</td>
<td>850</td>
<td>850</td>
<td>850</td>
<td>850</td>
</tr>
<tr>
<td>Maximum Mains Pressure</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>With ECV (kPa)</td>
<td>680</td>
<td>680</td>
<td>680</td>
<td>680</td>
</tr>
<tr>
<td>Without ECV (kPa)</td>
<td>800</td>
<td>800</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>Min. Water Supply Pressure (kPa)</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
</tbody>
</table>

MPi-410 only recommended for Nth NSW & QLD.

Warranty, terms and conditions
8. The impact on an electricity account will depend on the tariff arrangement of the water heater being replaced and where you live. These Rheem Heat Pump water heaters (model dependent) are recommended for connection to either 24 hour continuous tariff or extended off peak (min 16 hours/day).
9. Heat Pump warranty conditions. 5 year cylinder warranty, 3 year labour on cylinder, 2 year on sealed system including labour, 1 year on all other parts and labour. Applies to domestic installations only. Amended warranty may apply where a government rebate has been received for the solar water heater. Phone 131 031 for details. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty.
10. Energy and greenhouse gas emissions reduction of up to 50% based on Australian Government Approved TRNOSYS simulation modelling and apply when replacing an electric water heater with a Rheem Heat Pump water heater in Zone 3.
11. Assumes consumer eligibility for rebates. Eligibility criteria apply. Rebates and incentive schemes are subject to change or cancellation without notice.
12. Any financial savings will vary depending upon type of Rheem Heat Pump installed, 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.
Maximum financial savings of your hot water bill are achievable when replacing an electric water heater on continuous tariff.

12. Any financial savings will vary depending upon type of Rheem Heat Pump installed, type of water heater being replaced, hot water consumption, and fuel tariff.

Energy and greenhouse gas emissions reduction of up to 65% based on Australian Government Approved TRNSYS simulation modelling apply when replacing a Rheem hot water heater. Phone 131 031 for details. Conditions apply, see the Rheem product’s Owner’s Guide or view it at www.rheem.com.au/warranty

10. Before purchase consult your energy provider for more information on cost comparisons.

 Tank (kg)

Module: E

Module: F

Technical

Dimensions

Approx. Weight Empty

111, 411, 162, 462 and 121 models have left and right hand connections. Rheemglas single element models with right hand connections only are available in 050 Litre delivery capacity only.

191 models have left and right hand connections and are available in 050 Litre delivery capacity only. Rheemglas twin element models with right hand connections only are available in 80 and 125 Litre delivery capacities and have a 171 prefix. Technical data is subject to change.

### Warranty, terms and conditions

13. Warranty: 7 year cylinder warranty, 3 year labour warranty on the cylinder, 1 year parts and labour warranty on all other components for domestic (non-commercial) installations. 7 year warranty applies to product manufactured after 1/1/2012. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

14. Warranty: 10 year cylinder warranty, 5 year labour warranty on the cylinder, 3 years and labour warranty on all other components for domestic (non-commercial) installations. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

15. 50°C factory pre-set models supply hot water at a maximum 50°C at all outlets in accordance with AS 3498. Some applications may require tempering, refer to AS 3504.4.

### RHEEM GLASS AND OPTIMA

<table>
<thead>
<tr>
<th>Warranty</th>
<th>25</th>
<th>50</th>
<th>80</th>
<th>125</th>
<th>160</th>
<th>250</th>
<th>315</th>
<th>400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rheemglas Single Element</td>
<td>7 years</td>
<td>111025</td>
<td>191050</td>
<td>111080</td>
<td>111125</td>
<td>111160</td>
<td>111250</td>
<td>111315</td>
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<tr>
<td>Rheemglas Twin Element</td>
<td>7 years</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>111125</td>
<td>111160</td>
<td>111250</td>
<td>111315</td>
</tr>
<tr>
<td>Rheem Optima Single Element</td>
<td>10 years</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>116260</td>
<td>411250</td>
<td>411315</td>
</tr>
<tr>
<td>Rheem Optima Twin Element</td>
<td>10 years</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>462250</td>
<td>462315</td>
</tr>
<tr>
<td>RheemPlus Single Element</td>
<td>7 years</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>121125</td>
<td>121160</td>
<td>121250</td>
<td>121315</td>
</tr>
<tr>
<td>Hot Water Delivery</td>
<td>Litres</td>
<td>20</td>
<td>50</td>
<td>80</td>
<td>125</td>
<td>160</td>
<td>250</td>
<td>315</td>
</tr>
<tr>
<td>Storage Capacity</td>
<td>Litres</td>
<td>25</td>
<td>53</td>
<td>90</td>
<td>135</td>
<td>165</td>
<td>270</td>
<td>324</td>
</tr>
<tr>
<td>Boost Capacity Twin Element</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>45</td>
<td>50</td>
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### Rheemglas

<table>
<thead>
<tr>
<th>Model (Litres)</th>
<th>25</th>
<th>50</th>
<th>80</th>
<th>125</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPH* – Off peak tariff Single / Twin</td>
<td>1-3/2-3</td>
<td>2-3/4-4</td>
<td>4-6/4-7</td>
<td></td>
</tr>
<tr>
<td>PPH* – Continuous tariff Single / Twin</td>
<td>3-5</td>
<td>4-6</td>
<td>5-9</td>
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</tbody>
</table>

### Rheemglas and RheemPlus

<table>
<thead>
<tr>
<th>Model (Litres)</th>
<th>25</th>
<th>50</th>
<th>80</th>
<th>125</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPH* – Off-peak tariff</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PPH* – Continuous tariff</td>
<td>-</td>
<td>1</td>
<td>1-2</td>
<td>2-3</td>
</tr>
<tr>
<td>Model (Litres)</td>
<td>160</td>
<td>250</td>
<td>315</td>
<td>400</td>
</tr>
<tr>
<td>PPH* – Off-peak tariff</td>
<td>-</td>
<td>1-3</td>
<td>2-4</td>
<td>4-6</td>
</tr>
<tr>
<td>PPH* – Continuous tariff</td>
<td>2-4</td>
<td>3-5</td>
<td>4-6</td>
<td>5-9</td>
</tr>
</tbody>
</table>

### Rheem Optima

<table>
<thead>
<tr>
<th>Model (Litres)</th>
<th>250</th>
<th>315</th>
<th>400</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPH* – Off-peak tariff</td>
<td>1-3</td>
<td>2-3</td>
<td>3-4</td>
</tr>
<tr>
<td>PPH* – Continuous tariff</td>
<td>2-4</td>
<td>3-5</td>
<td>4-6</td>
</tr>
</tbody>
</table>

*People per household.
**Glossary of Terms**

**Recovery rate** – the volume of water a heater can reheat in one hour. Measured as the volume of completely cold water (should the water heater be run completely out) that can be heated to 45ºC over the cold water temperature.

**First Hour Capacity** – a measure of water heater capacity that combines both the stored hot water volume & the hourly recovery rate (eg: if a water heater has storage capacity of 130L and a recovery rate of 200L/hour, its First Hour Capacity is 330L).

**Warranty, terms and conditions**

16. Based on 45ºC temperature rise.

17. 5 year cylinder warranty, 3 year labour on cylinder, 1 year parts and labour warranty on all other components for domestic (non-commercial) installations. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

18. 7 year cylinder warranty, 3 year labour on cylinder, 1 year parts and labour warranty on all other components for domestic (non-commercial) installations. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

19. 10 year cylinder and SuperFlue warranty, 5 year labour on cylinder and SuperFlue, 1 year parts and labour warranty on all other components for domestic (non-commercial) installations. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

Some applications require a tempering valve in accordance with AS/NZS 3500.4.

*Flue Diameter 75mm

**Number of People:**

- **Moderate Climate**
  - 1-3
  - 2-4
  - 3-5
  - 1-3
  - 2-4
  - 3-5
  - 2-4
  - 3-5
  - 2-3
  - 3-4

- **Cool Climate**
  - 1-2
  - 2-3
  - 3-4
  - 1-2
  - 2-3
  - 3-4
  - 2-3
  - 3-4

**Warranty (years)**

- 16. Based on 45ºC temperature rise.
- 17. 5 year cylinder warranty, 3 year labour on cylinder, 1 year parts and labour warranty for domestic (non-commercial) installations. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty
- 18. 7 year cylinder warranty, 3 year labour on cylinder, 1 year parts and labour warranty for domestic (non-commercial) installations. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty
- 19. 10 year cylinder and SuperFlue warranty, 5 year labour on cylinder and SuperFlue, 1 year parts and labour warranty for domestic (non-commercial) installations. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

**Dimensions mm**

- A
  - 1198
  - 1598
  - 1898
  - 1158
  - 1558
  - 1858
  - 1622
  - 1922
  - 1600
  - 1900
  - 1615
  - 1915

- B
  - 422
  - 422
  - 422
  - 422
  - 422
  - 422
  - 485
  - 485
  - 485

- C
  - 502
  - 502
  - 502
  - 502
  - 502
  - 502
  - 556
  - 556
  - 556

- D
  - 588
  - 588
  - 588
  - 588
  - 588
  - 588
  - 388
  - 388
  - 388

- E
  - 328
  - 328
  - 328
  - 328
  - 328
  - 328
  - 328
  - 328
  - 328

- F
  - 298
  - 298
  - 298
  - 298
  - 298
  - 298
  - 298
  - 298
  - 298

- G
  - 3078
  - 3478
  - 3778
  - 3478
  - 3778
  - 3478
  - 3478
  - 3478
  - 3478

- H (RheemPlus® Only)
  - 473
  - 473
  - 473
  - 473
  - 473
  - 473
  - 473
  - 473
  - 473

- I (RheemPlus® Only)
  - 208
  - 208
  - 208
  - 208
  - 208
  - 208
  - 208
  - 208
  - 208

- J
  - 328
  - 328
  - 328
  - 328
  - 328
  - 328
  - 328
  - 328
  - 328

- K
  - 473
  - 473
  - 473
  - 473
  - 473
  - 473
  - 473
  - 473
  - 473

- L
  - 208
  - 208
  - 208
  - 208
  - 208
  - 208
  - 208
  - 208
  - 208

- M
  - 52
  - 68
  - 79
  - 48
  - 59
  - 69
  - 75
  - 85
  - 70
  - 80
  - 54
  - 63

**Net Weight (kg)**

- 52
- 68
- 79
- 48
- 59
- 69
- 75
- 85
- 70
- 80
- 54
- 63
COMES ON STEADY, HOT AND STRONG

HOT WATER
RHEEM CONTINUOUS FLOW

Q Facto
the continuous flow water heater should a fault develop.

set out in the product’s Owners Guide or view it at www.rheem.com.au/warranty

1 Y ear parts and labour on Heat Exchanger and other component. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

22. Warranty Conditions: 10 Years parts and 3 Years labour on Heat Exchanger, 3 Years parts & labour on other components when installed in a domestic dwelling. For all other installations, the warranty period is 1 Year parts and labour on Heat Exchanger and other components. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

23. Rheem Water Star warranty: 5 year supply on cylinder, 3 year supply & labour on cylinder, 1 year full parts & labour. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

20. Guide only, subject to ambient water temperature and pressure, correct pipe sizing and appliance flow rates. 21. 50C factory pre-set models supply hot water at a maximum 50C at all outlets in accordance with AS3438. Some applications may require tempering, refer to AS 3500-4. 60C models must have a tempering valve installed in accordance with AS 3500-4.

24. Average wastage incurred at water heater outlet per demand until water reaches within 5ºC of 60ºC set temperature, based on 19 demands per day, with the water heater cold each time tap is turned on and 200L/day average hot water consumption. Source: NECS Water Usage of Instantaneous Gas Water Heaters – 2008. © Commonwealth of Australia 2008.

25. Applies to 70C capable models when set to 70C.

GLOSSARY OF TERMS

FlameSafe™ – a unique Rheem safety protection feature that automatically shuts down the continuous flow water heater should a fault develop.

Q Factor™ – a unique Rheem feature that keeps the heater in readiness so hot water delivery is as fast as possible, and at consistent temperature.

Warranty, terms and conditions: 20. Guide only, subject to ambient water temperature and pressure, correct pipe sizing and appliance flow rates. 21. 50C factory pre-set models supply hot water at a maximum 50C at all outlets in accordance with AS 3438. Some applications may require tempering, refer to AS 3500-4. 60C models must have a tempering valve installed in accordance with AS 3500-4. 22. Warranty Conditions: 10 Years parts and 3 Years labour on Heat Exchanger, 3 Years parts & labour on other components when installed in a domestic dwelling. For all other installations, the warranty period is 1 Year parts and labour on Heat Exchanger and other components. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

23. Rheem Water Star warranty: 5 year supply on cylinder, 3 year supply & labour on cylinder, 1 year full parts & labour. Conditions apply, see the Rheem warranty set out in the product’s Owner’s Guide or view it at www.rheem.com.au/warranty

24. Average wastage incurred at water heater outlet per demand until water reaches within 5ºC of 60C set temperature, based on 19 demands per day, with the water heater cold each time tap is turned on and 200L/day average hot water consumption. Source: NECS Water Usage of Instantaneous Gas Water Heaters – 2008. © Commonwealth of Australia 2008.

25. Applies to 70C capable models when set to 70C.

INSTALL A
CONTACT US

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ABN 21 098 823 511

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National Service Phone: 131 031

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