

RHEEM® HEAT PUMP HOT WATER



SOLAR

2-6

PEOPLE

310-325

LITRE
CAPACITY

5

YEAR
WARRANTY¹



NEXT GENERATION SOLAR



COMES ON STEADY, HOT AND STRONG

INSTALL A



RHEEM® HEAT PUMP HOT WATER

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. Three 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 energy efficient hot water systems available in Australia. Whether it be Solar, Gas or Electric Storage. Continuous Flow or Heat Pump; Rheem has a range of capacities and sizes just right for every situation.

Solar, Gas or Electric Storage.
Continuous Flow or Heat Pump;
Rheem has a range of hot water
solutions for every situation.

WHY HEAT PUMP TECHNOLOGY IS THE NEW CHOICE FOR ENERGY EFFICIENT HOT WATER

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 green house gas emissions to electric boosted solar systems. Heat Pumps have evolved to be able to provide the following unique advantages.

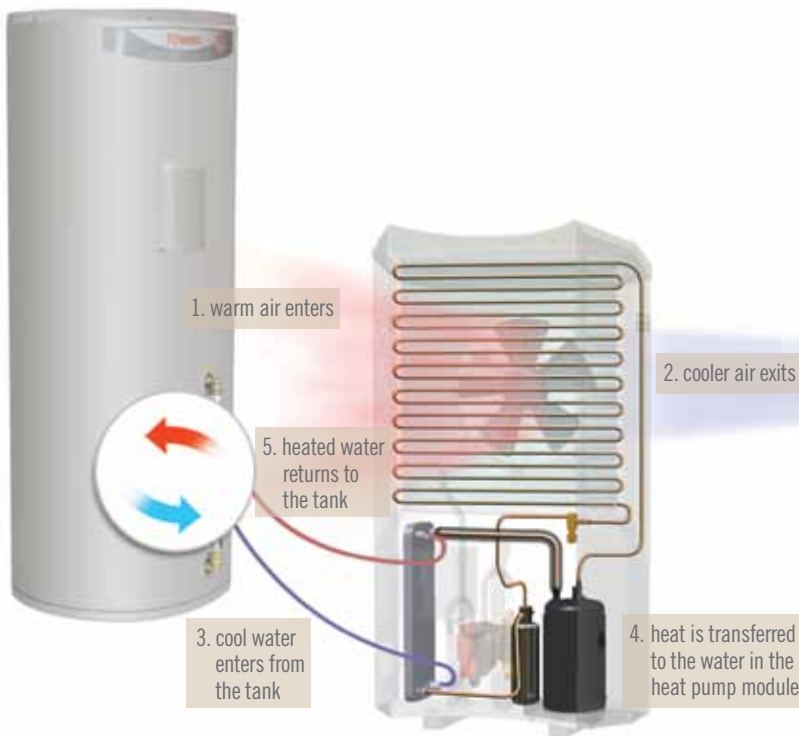
- Relatively low cost to purchase and install
- Easy, 'same day' replacement
- Frost protected
- Safe, as water temperature is electronically controlled
- Doesn't require roof mounted panels, which reduces the structural load on your roof and increases the aesthetic value to your property

Works day and night,
as they don't rely on
daylight to operate.



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.

WHY RHEEM HEAT PUMP?

Energy efficient

Cuts energy use and greenhouse gas emissions by up to 65%^{2,3}

No solar panels

Reduces structural load on your roof, can be used where roof collectors aren't suitable and looks better too

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

Standard hot water trades

Can be installed by normal 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 a Small-scale Technology Certificate (STC) and Federal and State Government Rebates⁴

When suitable, product can be connected to lower priced tariff schemes

Helps reduce running costs³

5 year warranty¹



UNIQUE BENEFITS



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



MPi-325

- Heat Pump module is located down low which keeps noise away from windows
- Whisper Technology enables quieter operation
- Two piece interconnecting design allows for easy one-person installation
- Most economical to buy & install



MPs-325

- 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
- H₂O connections are environmentally responsible, as there is no risk of refrigerant escaping from them

THE RIGHT RHEEM FOR YOU

Australia's widest range of capacities, energy efficient options and water heater types that all share the Rheem promise of premium quality.



- The most efficient way to heat water.
- Saves on energy use and running costs.⁶
- The kindest water heating technology for our environment.

SOLAR



- Fast recovery, to have you back in hot water fast.
- Mains pressure for multiple usage of showers or taps at the same time – ideal for large families.
- 5 Star energy efficient.

RHEEM STELLAR®



- Hot water that never runs out.
- 5 Star energy efficient.
- Remote Temperature Controllers for convenient temperature control.
- Compact and can be conveniently wall mounted.

CONTINUOUS FLOW



- Improves the energy efficiency of continuous flow.⁵
- Almost totally eliminates water wastage of the continuous flow.
- Hot water twice as fast.⁷

RHEEM WATER STAR®

INSTALL A



Did you know you can make both financial and environmental savings by upgrading your old water heater, with a newer, more energy efficient system?

Rheem has a web site www.rheemsolarsavers.com.au, to help you make sense of all things solar.

Rheem SolarSavers provides information on solar, heat pump and hi-efficiency gas water heaters and allows you to calculate the value of rebates you're entitled to, based on which new water heater you are looking to install.

So all the solar rebate information you'll ever need to know is at your fingertips.

From the largest manufacturer of renewable water heaters in Australia, you know you'll be right with a Rheem.

To find out more visit www.rheemsolarsavers.com.au

 **SOLARSAVERS**

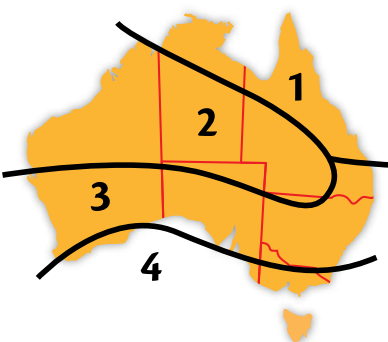


INSTALL A





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



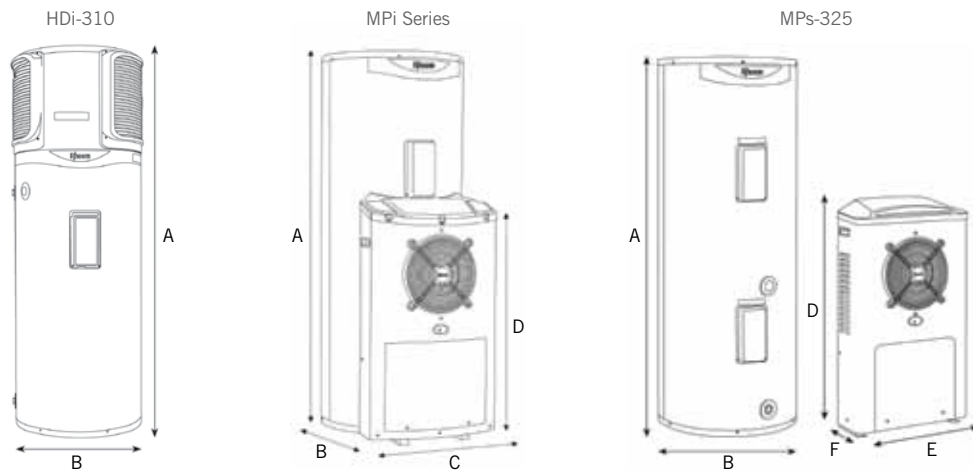
This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved solar water heater.

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.

RHEEM SPECIFICATIONS

| | HDi-310 | MPi-325 | MPi-410 | MPs-325 |
|---|------------|-----------------|------------|------------|
| Product Code | 551310 | 551325 | 551410 | 561325 |
| No. of People (warm climate) | 3-6 | 2-5 | 2-5 | 2-4 |
| Dimensions | | | | |
| Height (mm) | | | | |
| Module: D | N/A | 1018 | 1018 | 1034 |
| Tank: A | 1870 | 1631 | 1842 | 1630 |
| Width (mm) | | | | |
| Module: E | N/A | N/A | N/A | 575 |
| Tank: B | 670 | 863 | 931 | 640 |
| Depth (mm) | | | | |
| Module: F | N/A | N/A | N/A | 332 |
| Tank: C | 679 | 638 | 686 | N/A |
| Weight | | | | |
| Heat Pump module (kg) | 48 | 48 | 48 | 50 |
| Tank (kg) | 87 | 88 | 118 | 88 |
| Technical | | | | |
| Capacity (L) | 310 | 325 | 410 | 325 |
| Power input (Watts) | 1300 | 800 | 800 | 800 |
| Refrigerant | R134a | R134a | R134a | R134a |
| Element Sizes (kW) | 2.4 or 3.6 | 1.8, 2.4 or 3.6 | 2.4 or 3.6 | 2.4 or 3.6 |
| Boost Capacity (L) | 220 | 180 | 200 | 180 |
| Water Connections & Settings | | | | |
| Inlet (RP) | ¾ / 20 | ¾ / 20 | ¾ / 20 | ¾ / 20 |
| Outlet (RP) | ¾ / 20 | ¾ / 20 | ¾ / 20 | ¾ / 20 |
| Tank Relief Valve Setting (kPa) | 1000 | 1000 | 1000 | 1000 |
| ECV Setting (kPa) | 850 | 850 | 850 | 850 |
| Maximum Mains Pressure | | | | |
| With ECV (kPa) | 680 | 680 | 680 | 680 |
| Without ECV (kPa) | 800 | 800 | 800 | 800 |
| Min. Water Supply Pressure (kPa) | 200 | 200 | 200 | 200 |

MPi-410 only recommended for Nth NSW & QLD.



Terms and Conditions

- Heat Pump Warranty Conditions. 5 years cylinder warranty, 3 years labour on cylinder, 2 years 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 heat pump 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
 - Energy and greenhouse gas emissions reduction of up to 65% based on Australian Government Approved TRNSYS simulation modelling and apply when replacing an electric water heater with a Rheem Heat Pump water heater in zone 3.
 - 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 dependant) are recommended for connection to either 24 hour continuous tariff or extended off peak (min 16 hours/ day). Before purchase consult your energy provider for more information on cost comparisons.
 - Assumes consumer eligibility for rebates. Eligibility criteria apply.
 - Rheem Water Star when connected to a typical 5 star 26L/minute CFWH, will when measured as a combined appliance, decrease the annual energy usage when tested as per AS4552 Energy Rating test.
 - 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.
 - Based on delivery of water within 5°C of set temperature from Rheem Water Star compared to a 5 star 27L/minute Continuous Flow water heater, measured at the outlet after 4 metres of piping.
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