

# RHEEM DOMESTIC HOT WATER



GAS



SOLAR



ELECTRIC



WATER SAVING



AUSTRALIA'S FAVOURITE NAME IN HOT WATER

COMES ON STEADY, HOT AND STRONG

INSTALL A





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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 THAT SAVES



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.



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.

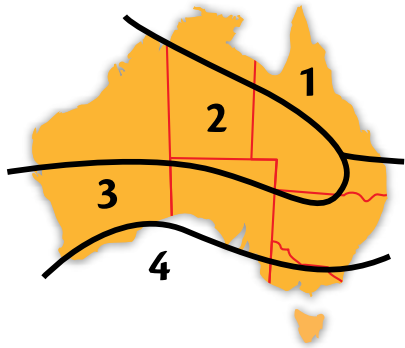
This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved solar water heater.

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

WHY RHEEM SOLAR

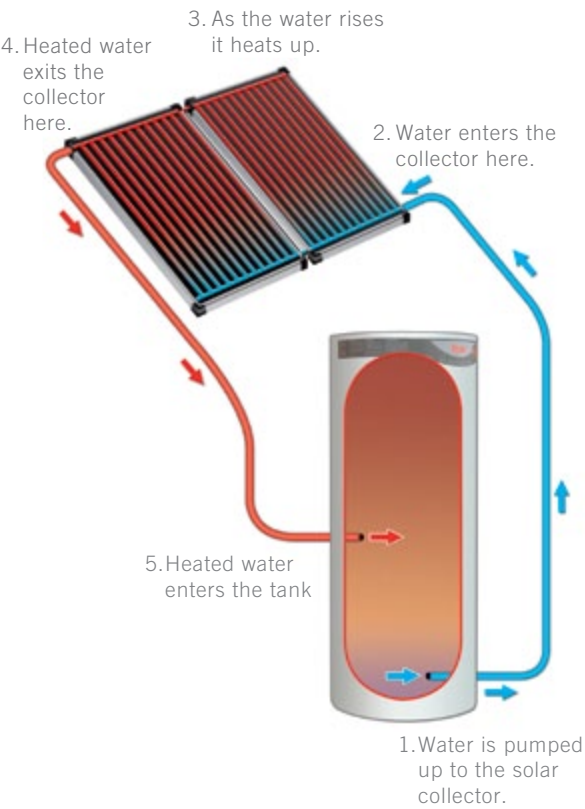
- Energy efficient** – uses up to 70% less energy than an electric water heater, saving you money.<sup>1</sup>
- Reduces carbon emissions** – solar systems save up to 3.3 tonnes of greenhouse gas emissions every year.<sup>4</sup>
- Minimise reliance on fossil fuels and protect yourself against future energy cost increases** – take advantage of Australia's abundant supply of sunlight, and reduce your reliance on expensive, non-renewable gas and electricity.<sup>5</sup>
- 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.<sup>6</sup>

Visit [www.rheemsolarsavers.com.au](http://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.



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



Model Number: 591270/2T

- 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.



Model Number: 511325/2HBT

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

ROOF MOUNTED SYSTEMS



Model Number: 52H300K/2S

- 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.



Model Number: 52S300/2NPT

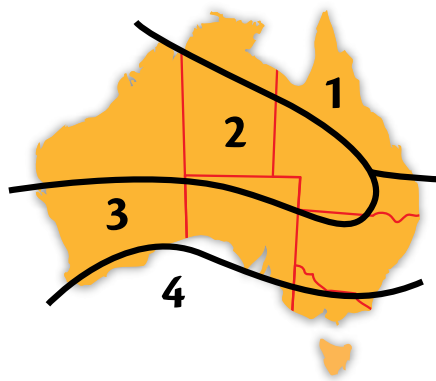
- Hiline®**
- Ideally suited to warmer climates.
  - Does not require pumps and controllers.
  - Relies on water moving through the solar collectors and into the tank using energy absorbed from the sun.

NEXT GENERATION SOLAR



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.

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



WHY RHEEM HEAT PUMP?

- Energy efficient** – cuts energy use and greenhouse gas emissions by up to 65%.<sup>10</sup>
- 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.
- 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.<sup>11</sup>
- When suitable, product can be connected to lower cost tariff** – which helps reduce running costs.<sup>8, 12</sup>
- 5 year warranty.**<sup>9</sup>



**SOLARSAVERS**  
SMALL-SCALE TECHNOLOGY CERTIFICATES

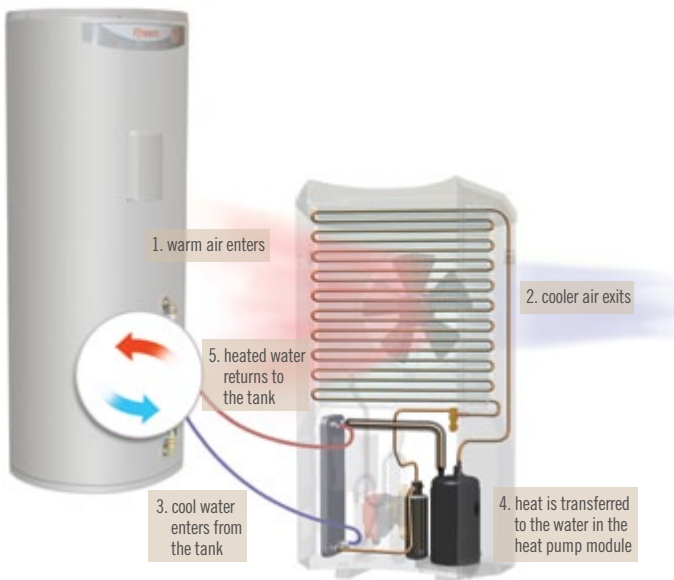
Small-scale Technology Certificates (STCs) are a financial incentive to encourage the installation of solar water heaters provided under a Federal Government operated scheme.

This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved solar water heater. As of the 1st of November 2012, Zone 5 was added to the list of Zones eligible to create STC's for an approved Air Sourced Heat Pump. Visit <http://ret.cleanenergyregulator.gov.au> for a list of postcodes by Zone.

To claim your STC entitlement, simply complete the STC Assignment form. Visit [www.rheemsolarsavers.com.au](http://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



Model Number:  
551310

- 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, please note Rheem does not recommend installation in Zone 5.



Model Number:  
551325

- 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.



Model Number:  
561325

- 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.
  - H<sub>2</sub>O connections are environmentally responsible, as there is no risk of refrigerant escaping from them.
  - Suitable for warm and tropical climates.



MAINS PRESSURE HOT WATER



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.

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.<sup>13,14</sup>
- 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.
- † restricted to models with a capacity of >160L's. Speak to your energy retailer for tariff details.

OFF-PEAK OR CONTINUOUS ELECTRICITY?

Rheem electric storage hot water systems are suitable for connection to either "off-peak", "time of use" or "continuous" electricity tariffs depending on the model selected (refer to table for comparison).

Off-peak electricity is a lower cost, discounted rate available during specific "off-peak" times i.e. at times when electricity use is lower - such as at night and /or outside peak usage times. Energy companies specify that Electric Hot Water Systems have the following minimum capacity/sizes to connect to an off-peak tariff:

8 Hour night rate – 250L

16 hour 'extended' rate – 160L (some providers allow 125L)

'Time of Use' provides power 24 hours per day, but charges different rates for different times of day i.e. rates are higher for using electricity during peak hours, and less for electricity during the 'Shoulder period' and overnight.

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.

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®			
Model (Litres)	250	315	400
PPH* – Off-peak tariff Single / Twin element	1-3 / 2-3	2-4 / 3-4	4-6 / 4-7
PPH* – Continuous/Time of use tariff*** Single / Twin element	3-5	4-6	5-9

RHEEMGLAS® AND RHEEMPLUS®				
Model (Litres) Single element	25	50	80	125
PPH* – Off-peak tariff	-	-	-	-
PPH* – Continuous/Time of use tariff***	-	1	1-2	2-3
Model (Litres) Single element	160	250	315	400
PPH* – Off-peak tariff	-	1-3	2-4	4-6
PPH* – Continuous/Time of use tariff***	2-4	3-5	4-6	5-9
Model (Litres) Twin element	160	250	315	400
PPH* – Off-peak tariff	1-3	2-3	3-4	4-7
PPH* – Continuous/Time of use tariff***	2-4	3-5	4-6	5-9

\* People per household  
\*\*\* PPH supplied under 'Time of use' tariff conditions is equivalent to continuous tariff, provided the power supply is unrestricted.

THE RIGHT RHEEM FOR YOU



Model Number:  
462 Series

- RHEEM OPTIMA® ELECTRIC**
- Mains pressure at multiple taps
  - 10 year warranty<sup>14</sup>
  - Available in 250L, 315L & 400L capacities
  - Designed for economical Off-peak energy tariffs
  - Twin element daytime boost models available
  - User adjustable thermostat



Model Number:  
191 Series

- RHEEMGLAS® ELECTRIC**
- Mains pressure at multiple taps
  - Feature dual handed inlet and outlet fittings\*\*
  - 7 year warranty<sup>13</sup>
  - 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

\*\*111025 models have left hand connections only.



Model Number:  
121 Series

- RHEEMPLUS® ELECTRIC**
- Mains pressure at multiple taps
  - 7 year warranty<sup>13</sup>
  - 50°C maximum temperature delivery<sup>15</sup>
  - Single element
  - Left hand connection
  - Available in 125L, 250L & 315L capacities

MAINS PRESSURE HOT WATER  
WHEN YOU NEED IT



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.

RHEEM STELLAR®	330	360	
Number of People			
Moderate Climate	2-5	3-6	
Cool Climate	2-4	3-5	
RHEEM 5 STAR	265	295	
Number of People			
Moderate Climate	2-4	3-5	
Cool Climate	2-3	3-4	
RHEEM 4 STAR*	90	135	170
Number of People			
Moderate Climate	1-3	2-4	3-5
Cool Climate	1-2	2-3	3-4
RHEEM INDOOR*	135	170	
Number of People			
Moderate Climate	2-4	3-5	
Cool Climate	2-3	3-4	

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.<sup>17, 18, 19.</sup>

**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.<sup>16</sup>

**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



Model Number:  
850 Series

RHEEM STELLAR®

- 5 Star energy efficiency
- High recovery 200L/hour of hot water<sup>16</sup>
- Mains pressure at multiple taps
- 330L or 360L first hour capacity of hot water<sup>16</sup>
- 10 year warranty<sup>19</sup>
- Modern design that complements any home



Model Number:  
350/354 Series

RHEEM 5 STAR

- 5 Star energy efficiency
- Mains pressure at multiple taps
- Strong recovery
- 272L or 302L first hour capacity of hot water<sup>16</sup>
- 7 year warranty<sup>18</sup>

RHEEMPLUS®

- Available in RheemPlus® 50°C temperature models
- No tempering valve required<sup>15</sup>
- Adjustable to deliver 50°C at the first outlet (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<sup>†</sup>
- 7 year warranty<sup>18</sup>

†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 73°C delivers 15-20% more continual shower time than the Rheem 3 Star 311 Series with thermostat set at 65°C.



Model Number:  
300 Series

RHEEM INDOOR

- 135L and 170L capacities
- Mains pressure
- 5 year warranty<sup>17</sup>
- 3 Star energy efficiency

# RHEEM CONTINUOUS FLOW GAS HOT WATER

  
GAS

  
6  
★  
ENERGY  
RATING

  
1-6  
PEOPLE

  
12-54  
L/MIN  
CAPACITY

  
10  
YEAR  
WARRANTY<sup>22</sup>

## CONTINUOUS HOT WATER WHEN YOU NEED IT



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. 6 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.

6 Star energy efficient  
Rheem Continuous Flow  
for hot water that never  
runs out.

### 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.



Model Number:  
874627

### WHY RHEEM CONTINUOUS FLOW?

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

**6 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.**<sup>22</sup>

**Flamesafe® overhear 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.<sup>20</sup>

**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.<sup>25</sup>

**Factory pre-set 50°C models available**, requiring no tempering valve.<sup>21</sup>

**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**

**Internal 27L model available**, with matched flue system.

### DESIGNED 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.

### 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 (conducted in 2008) 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 between 22 and 47L per day.<sup>24</sup>

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.<sup>23</sup> 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 SOLAR  
HOT WATER PRODUCT DATA

RHEEM PREMIER® HILINE SOLAR HOT WATER HEATER

GAS BOOSTED				ELECTRIC BOOSTED			
MODEL		52H180R/1S-G	52H300R/2S-G	52H180R/1S		52H300R/2S	
Storage Capacity	L	180	300	180		300	
Solar Collectors	S200	1	2	1		2	
Booster Type		Gas – Remote	Gas – Remote	Electric		Electric	
Boost Capacity	L	27L/min	27L/min	90		150	
People Per Household		1-3	2-5	1-2		2-5	
Dimensions & Specifications							
Height (A)	mm	2490	2490	2490		2490	
Width (B)	mm	1495	2180	1495		2198	
Depth (C)	mm	563	563	563		563	
Weight Empty – Tank	kg	53	78	53		78	
Weight Full – Tank	kg	231	373	231		373	
Weight Empty – Solar Collectors	kg	48	96	48		96	
Weight Full – Solar Collectors	kg	52	104	52		104	

RHEEM HILINE® SOLAR HOT WATER HEATER

GAS BOOSTED				ELECTRIC BOOSTED			
MODEL		52S160/1NPT-G	52S300/2NPT-G	52S160/1NPT		52S300/2NPT	
Storage Capacity	L	160	300	160		300	
Solar Collectors	NPT200	1	2	1		2	
Booster Type		Gas – Remote	Gas – Remote	Electric		Electric	
Boost Capacity	L	24L/min	24L/min	80		160	
People Per Household		1-3	2-5	1-2		2-5	
Dimensions & Specifications							
Height (A)	mm	2490	2490	2490		2490	
Width (B)	mm	1070	1865	1070		1865	
Depth (C)	mm	540	540	540		540	
Weight Empty – Tank	kg	70	100	70		100	
Weight Full – Tank	kg	230	400	230		400	
Weight Empty – Solar Collectors	kg	39	78	39		78	
Weight Full – Solar Collectors	kg	41	82	41		82	

RHEEM PREMIER® LOLINE SOLAR HOT WATER HEATER

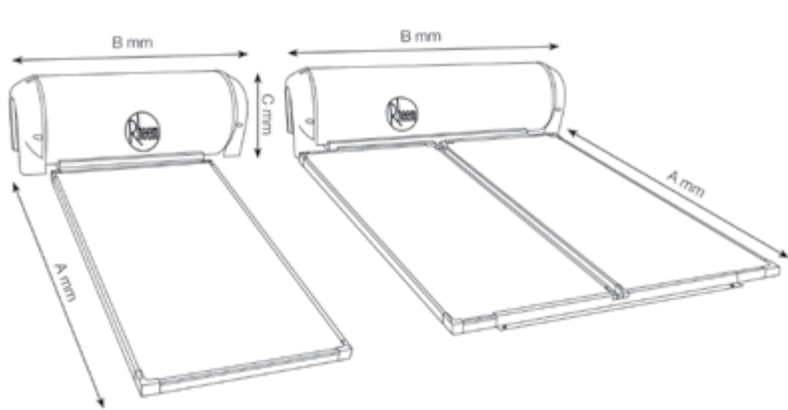
GAS BOOSTED						ELECTRIC BOOSTED			
MODEL		596270/1S-G	596270/2S-G	590270/1S-G	590270/2S-G	591270/2S		591270/3S	
Storage Capacity	L	270	270	270	270	270		270	
Solar Collectors		1	2	1	2	2		3	
Booster Type		Gas – Integrated	Gas – Integrated	Gas – Remote	Gas – Remote	Electric		Electric	
Boost Capacity	L	27L/min	27L/min	27L/min	27L/min	125		125	
People Per Household		2-5	2-5	2-5	2-5	1-3		2-4	
Dimensions & Specifications									
Height (A)	mm	1787	1787	1775	1775	1775		1775	
Width (B)	mm	648	648	648	648	648		648	
Depth (C)	mm	890	890	682	682	682		682	
Cold In (D)	mm	377	377	377	377	377		377	
Hot Out (E)	mm	1078	1078	1078	1078	1078		1078	
Weight Empty – Tank	kg	141	141	145	145	146		146	
Weight Full – Tank	kg	411	411	415	415	416		416	
Weight Empty – Solar Collectors	kg	48	96	48	96	96		144	
Weight Full – Solar Collectors	kg	52	104	52	104	104		156	

RHEEM LOLINE SOLAR HOT WATER HEATER

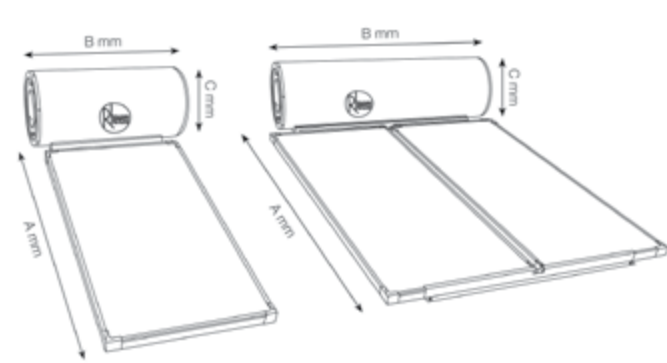
GAS BOOSTED						ELECTRIC BOOSTED			
MODEL		511220/2HBT-G*	511271/2NPT-G	511325/2NPT-G	511410/3NPT-G	511271/2NPT	511325/ 2NPT	511410/3NPT	
Storage Capacity	L	220	270	325	410	270	325	410	
Solar Collectors		-	2	2	3	2	2	3	
Booster Type		Gas – Integrated	Gas – Remote	Gas – Remote	Gas – Remote	Electric	Electric	Electric	
Boost Capacity	L	20	24L/min	24L/min	24L/min	140	170	220	
People Per Household		2-5	2-5	2-6	3-7	1-3	2-4	3-6	
Dimensions & Specifications									
Height (A)	mm	1565	1395	1640	1840	1395	1640	1840	
Width (B)	mm	592	640	640	690	640	640	690	
Depth (C)	mm	670	680	680	730	680	680	730	
Cold In (D)	mm	102	73	73	81	73	73	81	
Hot Out (E)	mm	1113	1117	1357	1519	1117	1357	1519	
Weight Empty – Tank	kg	94	71	87	111	71	87	111	
Weight Full – Tank	kg	314	341	412	521	341	412	521	
Weight Empty – Solar Collectors	kg	78	78	78	117	78	78	117	
Weight Full – Solar Collectors	kg	82	82	82	123	82	82	123	

\*HBT + TBT Collectors are only available for installation in zones 3 & 4.

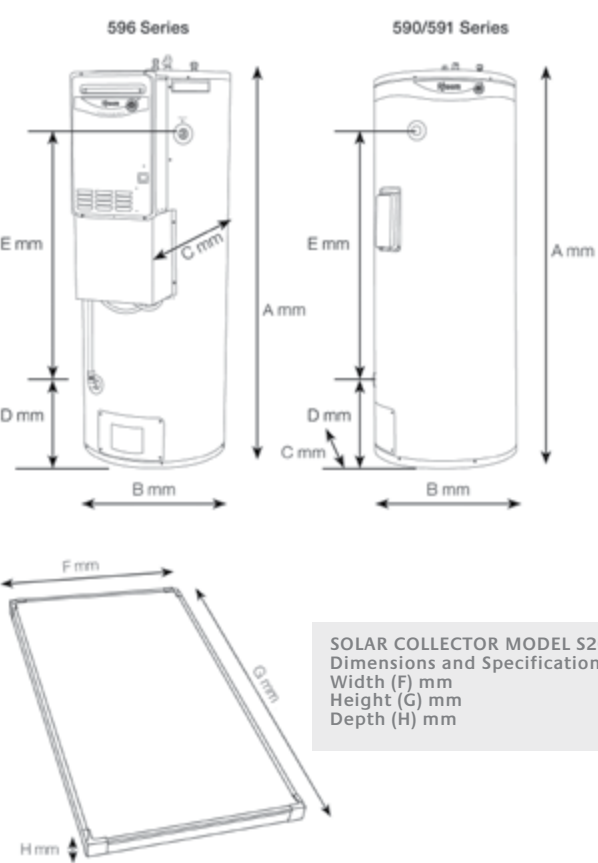
RHEEM PREMIER® HILINE SOLAR HOT WATER HEATER



RHEEM HILINE® SOLAR HOT WATER HEATER

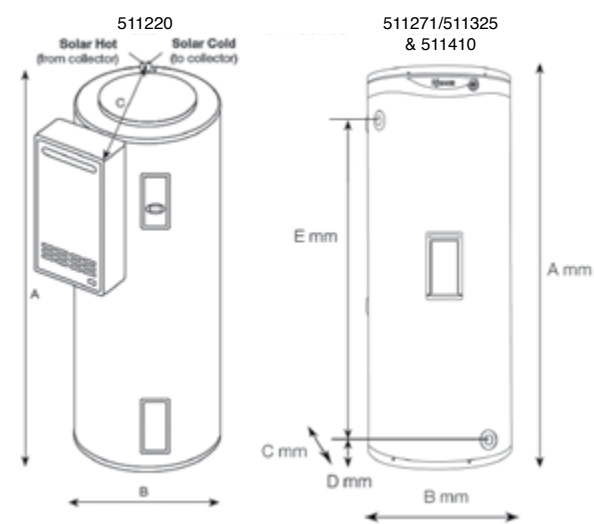


RHEEM PREMIER® LOLINE SOLAR HOT WATER HEATER



SOLAR COLLECTOR MODEL S200, T200, HBT 200 & NPT 200  
Dimensions and Specifications  
Width (F) mm 1030  
Height (G) mm 1945  
Depth (H) mm 85

RHEEM LOLINE SOLAR HOT WATER HEATER



Warranty, terms and conditions

- 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.
- 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](http://www.rheem.com.au/warranty)
- Rheem Premier® Hiline 7 year cylinder, 5 year solar panels, 1 year labour on cylinder, 1 year parts including 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](http://www.rheem.com.au/warranty)
- Greenhouse gas emission savings based upon installing a 511325/2NPT Solar Hot Water heater, when replacing an electric water heater.
- 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.
- Eligibility criteria apply. Rebates and incentive schemes are subject to change or cancellation without notice.
- 591270 should be used with T200 solar panels.

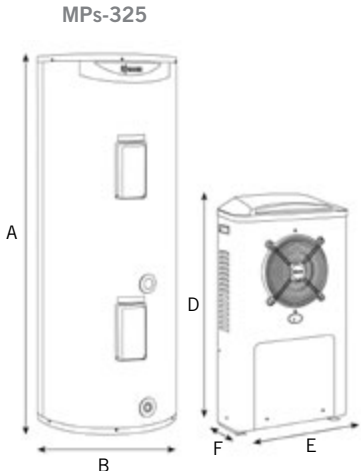
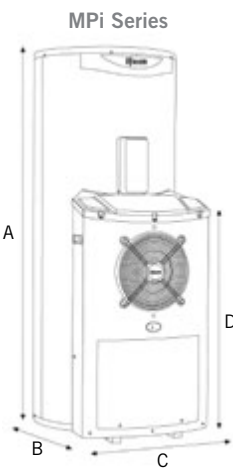




RHEEM HEAT PUMP
HOT WATER PRODUCT DATA

	HDi-310	MPi-325		MPi-410		MPs-325
Product Code	551310	551325	554325	551410	554410	561325
RheemPlus®						
Number of People (Moderate Climate)	3-6	2-5	2-5	2-6	2-6	2-4
Dimensions						
Height (mm)						
Module: D	N/A	1018	1018	1018	1018	1034
Tank: A	1870	1631	1636	1842	1842	1630
Width (mm)						
Module: E	N/A	N/A	N/A	N/A	N/A	575
Tank: B	670	863	863	931	931	640
Depth (mm)						
Module: F	N/A	N/A	N/A	N/A	N/A	332
Tank: C	679	638	638	686	686	N/A
Weight						
Heat Pump module (kg)	48	48	42	42	42	50
Tank (kg)	87	88	90	90	112	88
Technical						
Capacity (L)	310	325	325	410	410	325
Power input (Watts)	1300	800	800	800	800	800
Refrigerant	R134a	R134a	R134a	R134a	R134a	R134a
Element Sizes (kW)	2.4 or 3.6	1.8, 2.4 or 3.6	1.8, 2.4 or 3.6	2.4 or 3.6	2.4 or 3.6	2.4 or 3.6
Boost Capacity (L)	220	180	180	200	200	180
Water Connections & Settings						
Inlet (RP)	¾ / 20	¾ / 20	¾ / 20	¾ / 20	¾ / 20	¾ / 20
Outlet (RP)	¾ / 20	¾ / 20	¾ / 20	¾ / 20	¾ / 20	¾ / 20
Tank Relief Valve Setting (kPa)	1000	1000	1000	1000	1000	1000
ECV Setting (kPa)	850	850	850	850	850	850
Maximum Mains Pressure						
With ECV (kPa)	680	680	680	680	680	680
Without ECV (kPa)	800	800	800	800	800	800
Min. Water Supply Pressure (kPa)	200	200	200	200	200	200

MPI-410 only recommended for Nth NSW & QLD.



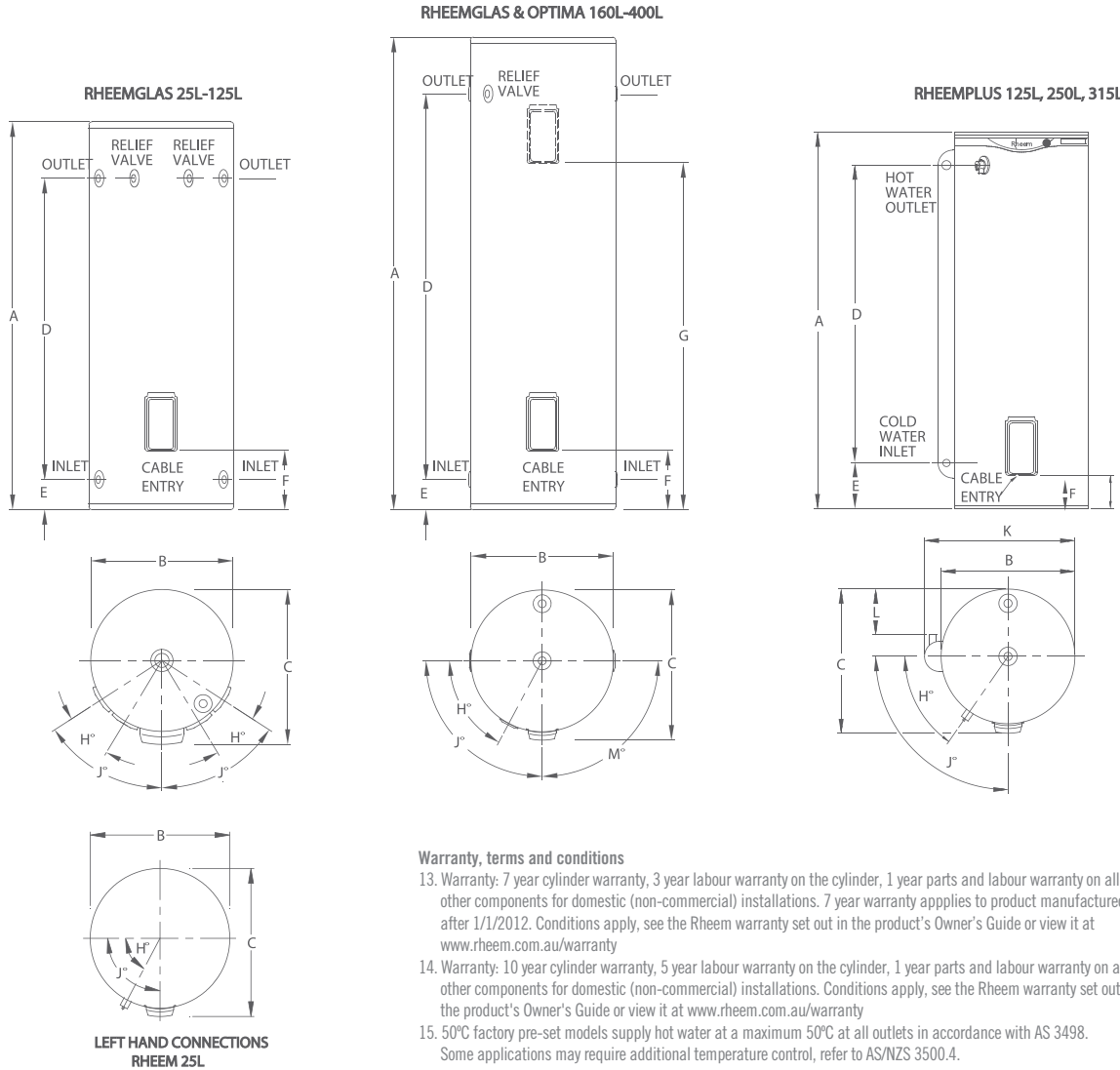
- Warranty, terms and conditions
8. The impact on an electricity account will depend on the tariff arrangement of the water heater being replaced and where you live. These Rheem Heat Pump water heaters (model dependant) are recommended for connection to either 24 hour continuous tariff or extended off peak (min 16 hours/day). Before purchase consult your energy provider for more information on cost comparisons.
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](http://www.rheem.com.au/warranty)
10. 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.
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.



RHEEM ELECTRIC STORAGE
HOT WATER PRODUCT DATA

	Warranty <sup>13,14</sup>	Model							
		25	50	80	125	160	250	315	400
Rheemglas® Single Element	7 years	111025	191050	191080	191125	191160	191250	191315	191400
Rheemglas® Twin Element	7 years	111025/P	191050/P	—	—	—	—	—	—
Rheem Optima® Single Element	10 years	—	—	—	—	192160	192250	192315	192400
Rheem Optima® Twin Element	10 years	—	—	—	—	—	411250	411315	411400
RheemPlus® Single Element	7 years	—	—	—	121125	—	462250	462315	462400
Hot Water Delivery	Litres	18	50	80	125	160	250	315	400
Storage Capacity	Litres	25	53	90	135	165	270	324	412
Boost Capacity Twin Element	—	—	—	—	—	45	50	50	90
Dimensions	A	mm	390	695	945	1340	1610	1395	1640
	B	mm	385	400*	480	480	480	640	640
	C	mm	420	436	515	515	680†	680†	730†
	D	mm	130	396	702	1102	1332	1117	1317
	E	mm	116	142	64	64	104	73	113
	F	mm	56	60	66	66	66	103	103
	G	mm	—	—	—	—	1081	988	1228
	H	deg	26	26	24	24	23	32	30
	J	deg	65	59	60	60	58	88	88
	K	mm	—	—	—	545	—	705	705
	L	mm	—	—	—	183	—	262	262
	M	deg	—	—	—	—	58	92	92
Approx. Weight Empty	Kg	18	29	36	49	55	76	97	118

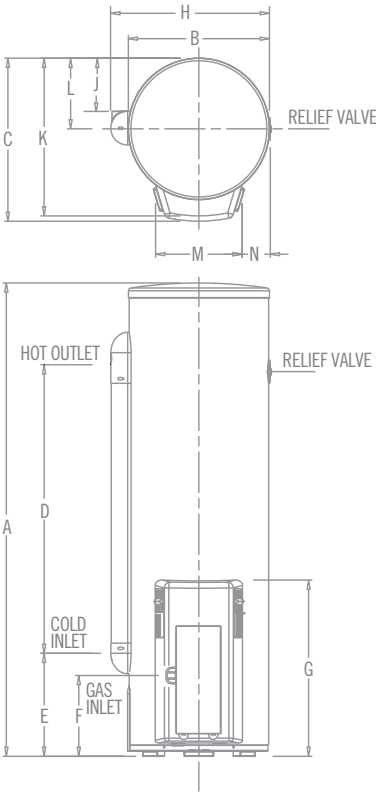
Rheemglas 111025,121 series RheemPlus® and 411 & 462 series Optima® models have left hand connections only.  
191 and 192 series Rheemglas® models have left and right hand connections and are available in Litre delivery capacity only.  
160 to 400 models have TPR valve fitting on the left hand side only.  
\* 400mm diameter applies to product manufactured after 25th June 2012.  
† 20mm needs to be added on for 411 & 462 series Optima® models  
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](http://www.rheem.com.au/warranty)
14. Warranty: 10 year cylinder warranty, 5 year labour warranty on the 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](http://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 additional temperature control, refer to AS/NZS 3500.4.

RHEEM GAS STORAGE  
HOT WATER PRODUCT DATA

	Rheem 4 Star			Rheem 5 Star		Rheem Stellar®		Rheem Indoor*	
	90	135	170	265	295	330	360	135	170
Model Number RheemPlus®	347090N0/P0 —	347135N0/P0 —	347170N0/P0 —	350265N0/P0 354265N0/P0	350295N0/P0 354295N0/P0	850330N0/P0 —	850360N0/P0 —	300135N0/P0 —	300170N0/P0 —
Number of People:									
Moderate Climate	1-3	2-4	3-5	2-4	3-5	2-5	3-6	2-4	3-5
Cool Climate	1-2	2-3	3-4	2-3	3-4	2-4	3-5	2-3	3-4
Warranty (years) <sup>17,18,19</sup>	7	7	7	7	7	10	10	5	5
Gas Type	Natural Gas/Propane			Natural Gas/Propane		Natural Gas/Propane		Natural Gas/Propane	
GAS Energy Rating ★	4.1	4.3	4.0	5.3	5.3	5.2	5.0	3.4	3.2
Storage Capacity (Litres)	90	135	170	130	160	130	160	135	170
Recovery Rate (L/Hour@45°C) Natural Gas	100	117	117	142	142	200	200	120	126
First Hour Capacity (Litres)	190	252	287	272	302	330	360	255	296
Hourly Gas Consumption (MJ/Hr)Nat/Prop	25/25	27/26	27/26	30/30	30/30	42/42	42/42	30/30	30/30
Dimensions mm									
A	1158	1558	1858	1622	1922	1600	1900	1615	1915
B	422	422	422	485	485	485	485	425	425
C	502	502	502	556	556	558	558	500	500
D	588	988	1213	988	1213	988	1213	988	1213
E	328	328	403	328	409	328	409	328	403
F	298	298	298	298	298	298	298	297	297
G	1078	1478	1778	600	600	770	770	1490	1790
H (RheemPlus® Only)				545	545				
J (RheemPlus® Only)				182	182				
K	473	473	473	520	520	520	520	490	490
L	208	208	208	240	240	252	252	213	213
M				299	299	299	299		
N				93	93	93	93		
Weight Empty (kg)	48	59	69	75	85	70	80	54	63
Relief Valve Setting (kPa)		1400		1400		1400		1400	
Expansion Control Valve Setting (kPa)		1200		1200		1200		1200	
Max Water Supply Pressure:									
with ECV (kPa)		960		960		960		960	
without ECV (kPa)		1120		1120		1120		1120	
Water Connections		RP ¾/20		RP ¾/20		RP ¾/20		RP ¾/20	
Water Connections (RheemPlus)				G¾B					
Gas Connection		RP ½/15		RP ½/15		RP ½/15			



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 45°C 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).

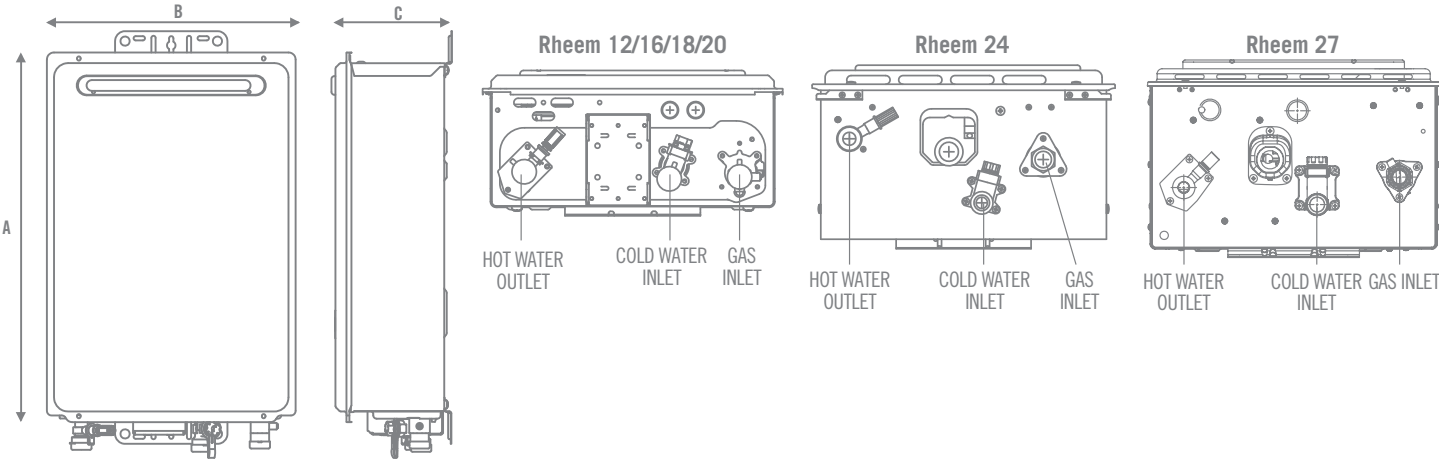
Warranty, terms and conditions

16. Based on 45°C 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](http://www.rheem.com.au/warranty)
18. 7 year cylinder warranty, 3 year labour on cylinder, 1 year parts and labour 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](http://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](http://www.rheem.com.au/warranty)
- Some applications require a tempering valve in accordance with AS/NZS 3500.4.

\*Flue Diameter 75mm

RHEEM CONTINUOUS FLOW  
HOT WATER PRODUCT DATA

	Rheem 12		Rheem 16		Rheem 18		Rheem 20		Rheem 24		Rheem 27		Rheem Water Star
Model Number	876612NF/PF	874612NF/PF	876E16NF/PF	874E16NF/PF	876618NF/PF	874618NF/PF	876620NF/PF	874620NF/PF	875624NF/PF 875E24NF/PF	871624NF/PF 871E24NF/PF	876627NF/PF	874627NF/PF	874W27
Maximum Temperature °C	50	60	50	60	50	60	50	60	50	60	50	60	70
Number of Bathrooms	1 – 1.5		1 – 1.5		1 – 1.5		1.5 – 2		2 – 2.5		2.5 – 3		—
Gas Type	Natural Gas/Propane		Natural Gas/Propane		Natural Gas/Propane		Natural Gas/Propane		Natural Gas/Propane		Natural Gas/Propane		—
GAS Energy Rating ★	6 Stars		6 Stars		6 Stars		6 Stars		6 Stars		6.1 Stars		—
Flow Rate L/Min at 25°C Rise	12/Min		16L/Min		18L/Min		20L/Min		24L/Min		27L/Min		—
Minimum Operating Flow Rate	2.7L/Min		2.7L/Min		2.7L/Min		2.7L/Min		2.7L/Min		2.0L/Min		—
Nominal Gas Consumption	94 MJ/Hr		126 MJ/Hr		140 MJ/Hr		153 MJ/Hr		188 MJ/Hr		205 MJ/Hr		—
Dimensions													
A - Height mm	520		520		520		520		565		600		565
B - Width mm	350		350		350		350		350		350		350
C - Depth mm	160		160		160		160		205		215		190
Depth – from wall to Hot Water Outlet	51		51		51		51		127		84		—
Depth – from wall to Cold Water Inlet	43		43		43		43		53		64		—
Depth – from wall to Gas Inlet	45		45		45		45		103		97		—
Weight (empty)	18kg		18kg		18kg		18kg		21kg		23kg		12.5Kg
Max. Water Supply Pressure	1000kPa		1000kPa		1000kPa		1000kPa		1000kPa		1000kPa		800kPa
Min. Water Supply Pressure	140kPa		140kPa		140kPa		140kPa		140kPa		140kPa		—
Cold Water Connection	R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20
Hot Water Connection	R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20
Gas Connection	R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		R ¾ / 20		—
Temperature Controllers													
Kitchen	299858		299850		299850		299850		299850		299850		—
Bathroom 1	299851		299851		299851		299851		299851		299851		—
Bathroom 2	299852		299852		299852		299852		299852		299852		—
Deluxe Temperature Controllers													
Kitchen	299858		299858		299858		299858		299858		299858		—
Bathroom 1	299859		299859		299859		299859		299859		299859		—
Bathroom 2	299860		299860		299860		299860		299860		299860		—
Accessories													
Pipe Cover	299841		299841		299841		299841		299848		299830		—
Recess Box	299842		299842		299842		299842		299842		299831		—
Rheem EZ Link Kit	290141		290141		290141		290141		N/A		290141		—
Wall Mount Security Kit	—		—		—		—		299868		299868		—
Security Cage	299867		299867		299867		299867		299867		299867		—
Power	—		—		—		—		—		—		240V AC



GLOSSARY OF TERMS

**Flamesafe®** – a Rheem safety protection feature that automatically shuts down the continuous flow water heater should a fault develop.

**Q Factor™** – a 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. 50°C factory pre-set models supply hot water at a maximum 50°C at all outlets in accordance with AS3498. Some applications may require additional temperature control, refer to AS/NZS 3500.4. 60°C models must have temperature controls installed in accordance with AS/NZS 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](http://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](http://www.rheem.com.au/warranty)
24. Average wastage incurred at water heater outlet per demand until water reaches within 5°C of 60°C 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: WELS Water Wastage of Instantaneous Gas Water Heaters – 2008. © Commonwealth of Australia 2008.
25. Applies to 70°C capable models when set to 70°C.



# CONTACT US

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