

RHEEM DOMESTIC HOT WATER



GAS



SOLAR



ELECTRIC



WATER SAVING



AUSTRALIA'S FAVOURITE NAME IN HOT WATER

COMES ON STEADY, HOT AND STRONG

INSTALL A



CONTENTS

- 4. Rheem Solar Hot Water
- 6. Rheem Heat Pump Hot Water
- 8. Rheem Electric Storage Hot Water
- 10. Rheem Gas Storage Hot Water
- 12. Rheem Continuous Flow Gas Hot Water
- 13. Rheem Water Star Water Saving System
- 14. Product Data

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.**



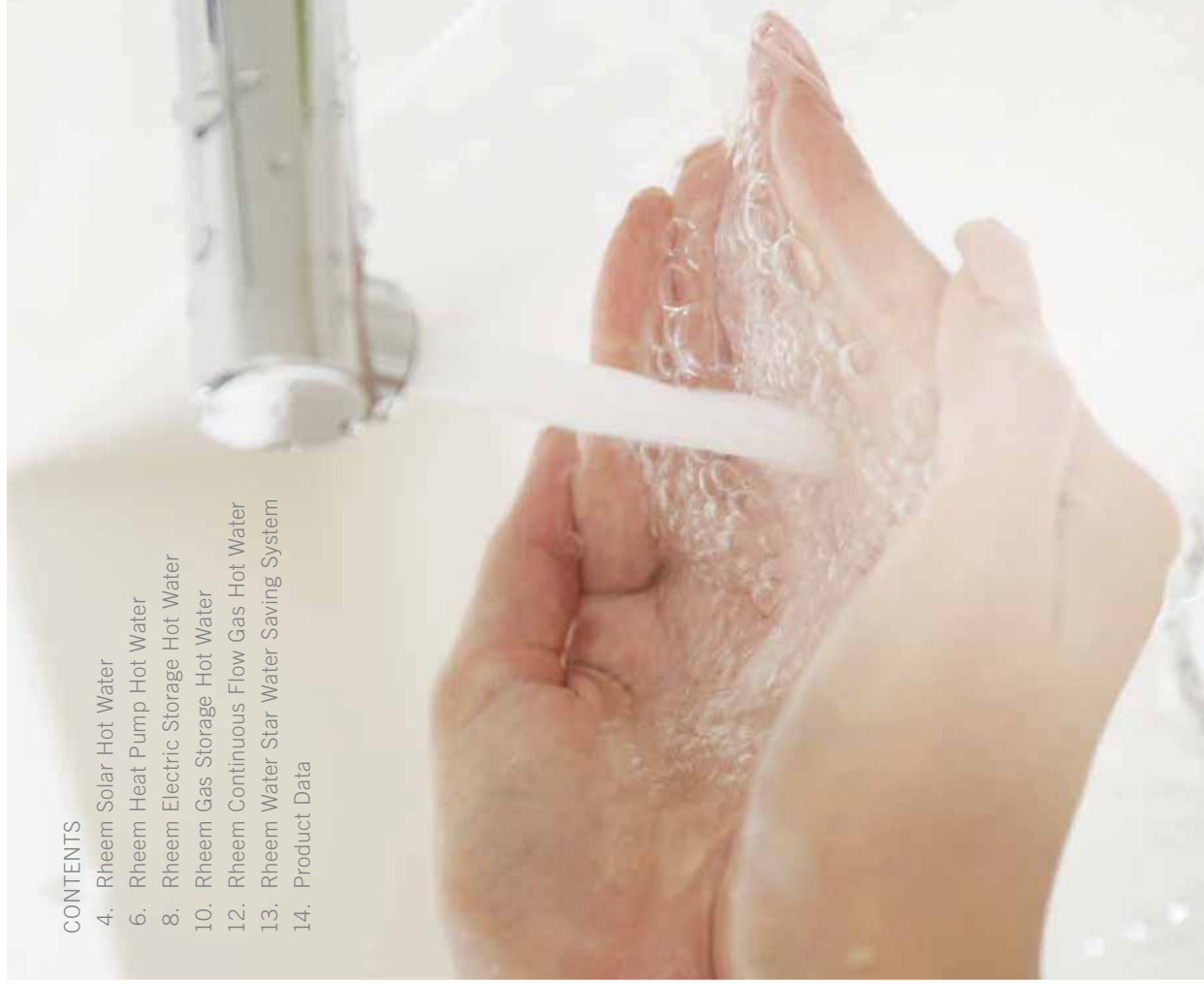
CHOOSING THE RIGHT CAPACITY RHEEM FOR YOUR HOME

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.¹

Reduces carbon emissions – solar systems save up to 3.3 tonnes of greenhouse gas emissions every year.⁴

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.⁵

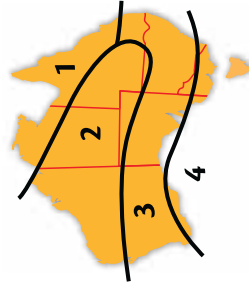
Complete range – the Rheem solar range includes both split, ground mounted systems and complete roof mounted models in a variety of capacities from 160 – 410 Litres.

All weather protection – Rheem Premier® Loiline 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.

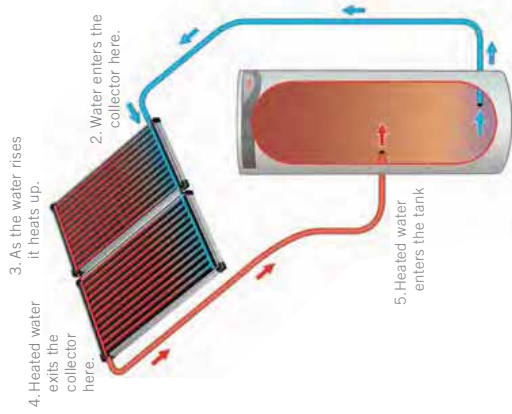
Eligible for rebates & incentives – STC and State Government rebates are available for installing solar water heating.⁶

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.



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® Loiline

- 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:
511270/21

Loiline

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



Model Number:
511325/2HBT

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.



Model Number:
52H300K/2S

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:
52S300/2NPT



UP TO 70%
ENERGY
SAVING¹

2-7 PEOPLE
LITRE
CAPACITY

160-410

5 & 7
YEAR
WARRANTY^{2,3}

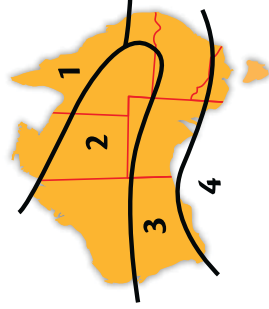


NEXT GENERATION SOLAR



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%.¹⁰

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.¹¹

When suitable, product can be connected to lower cost tariff – which helps reduce running costs.^{8, 12}

5 year warranty.⁹



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.

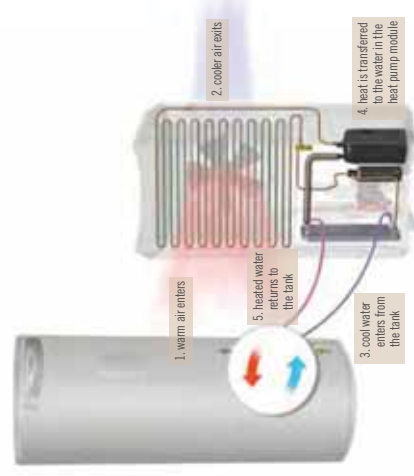
This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved solar water heater.

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



Model Number: 551310

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: 551325

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.
- H2O connections are environmentally responsible, as there is no risk of refrigerant escaping from them.
- Suitable for warm and tropical climates.



Model Number: 561325

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.^{13,14}

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.

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 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 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 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 tariff	2-4	3-5	4-6	5-9

* People per household

THE RIGHT RHEEM FOR YOU



Model Number: 462 Series

- RHEEM OPTIMA® ELECTRIC**
- Mains pressure at multiple taps
 - 10 year warranty¹⁴
 - Available in 250L, 315L & 400L capacities
 - Designed for economical Off-peak energy tariffs
 - Twin element daytime boost models available
 - User adjustable thermostat



Model Number: 111 Series

- RHEEMGLAS® ELECTRIC**
- Mains pressure at multiple taps
 - 7 year warranty¹³
 - 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



Model Number: 121 Series

- RHEEMPLUS® ELECTRIC**
- Mains pressure at multiple taps
 - 7 year warranty¹³
 - 50°C maximum temperature delivery¹⁵
 - 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	2-5	3-6
Moderate Climate	2-4	3-5
Cool Climate		
RHEEM 5 STAR	265	295
Number of People	2-4	3-5
Moderate Climate	2-3	3-4
Cool Climate		
RHEEM 4 STAR*	90	135
Number of People	1-3	2-4
Moderate Climate	1-2	2-3
Cool Climate		
RHEEM INDOOR*	135	170
Number of People	2-4	3-5
Moderate Climate	2-3	3-4
Cool Climate		

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



Model Number: 850 Series

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: 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 water¹⁶
- 5 year warranty¹⁷

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 water¹⁸
- 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 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 warranty¹⁷
- 3 Star energy efficiency

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.²⁰

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.²²

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.²⁰

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.²⁵

Factory pre-set 50°C models available, requiring no tempering valve.²¹

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.

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 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.²⁴

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.²⁵ 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.

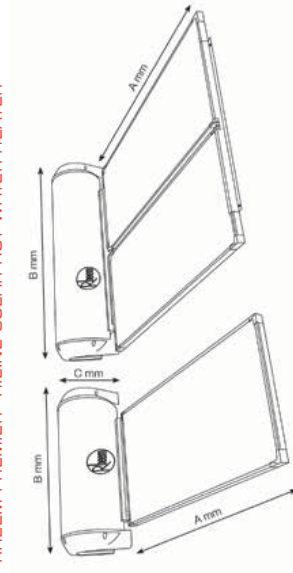
A tempering valve may be required to be fitted in accordance with AS/NZS 3500-4.

RHEEM SOLAR HOT WATER PRODUCT DATA

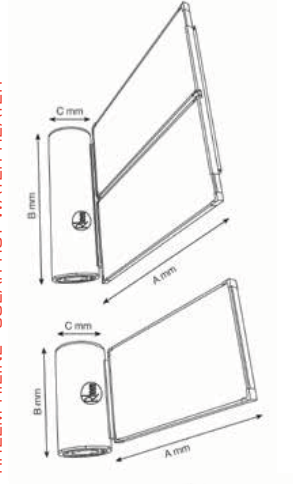
RHEEM PREMIER® HILINE SOLAR HOT WATER HEATER

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

RHEEM PREMIER® HILINE SOLAR HOT WATER HEATER



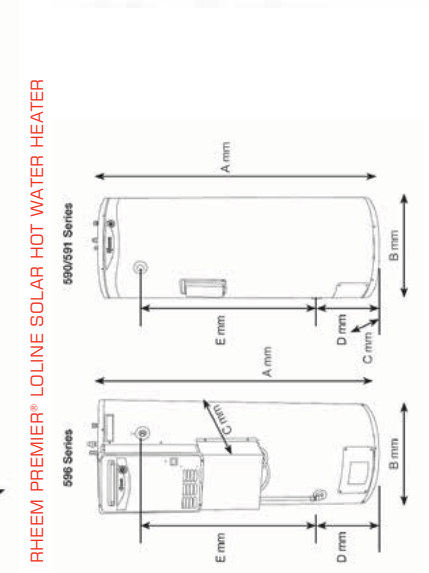
RHEEM HILINE® SOLAR HOT WATER HEATER



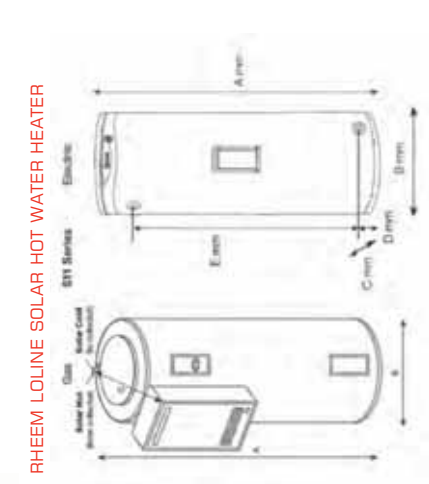
RHEEM HILINE® SOLAR HOT WATER HEATER

ELECTRIC BOOSTED		GAS BOOSTED	
MODEL	52S160/NPT-G	52S160/NPT-G	52S300/2NPT
Storage Capacity	L 160	L 160	L 300
Solar Collectors	1	1	2
Booster Type	Gas - Remote	Gas - Remote	Electric
Boost Capacity	24L/min	24L/min	160
People Per Household	1-3	1-3	2-5
Dimensions & Specifications			
Height (A)	mm 2490	mm 2490	mm 2490
Width (B)	mm 1070	mm 1070	mm 1865
Depth (C)	mm 540	mm 540	mm 540
Weight Empty - Tank	kg 70	kg 70	kg 100
Weight Full - Tank	kg 99	kg 99	kg 140
Weight Empty - Solar Collectors	kg 39	kg 39	kg 78
Weight Full - Solar Collectors	kg 41	kg 41	kg 82

RHEEM PREMIER® LOLINE SOLAR HOT WATER HEATER



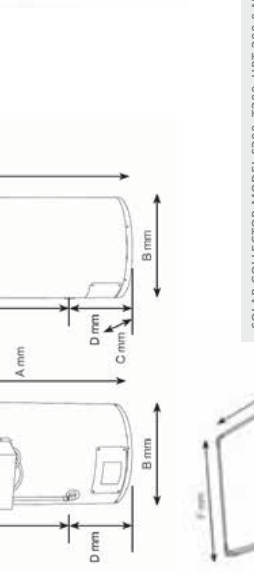
RHEEM LOLINE SOLAR HOT WATER HEATER



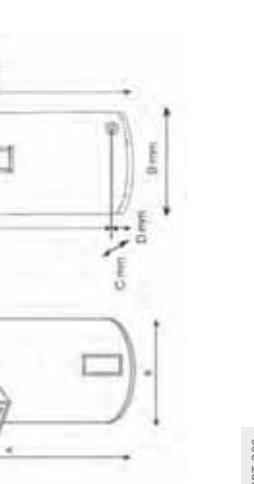
RHEEM PREMIER® LOLINE SOLAR HOT WATER HEATER

ELECTRIC BOOSTED		GAS BOOSTED	
MODEL	591270/2S-G	591270/1S-G	591270/3S
Storage Capacity	L 270	L 270	L 270
Solar Collectors	2	2	3
Booster Type	Gas - Remote	Gas - Remote	Electric
Boost Capacity	27L/min	27L/min	125
People Per Household	2-5	2-5	2-4
Dimensions & Specifications			
Height (A)	mm 1775	mm 1775	mm 1775
Width (B)	mm 648	mm 648	mm 648
Depth (C)	mm 682	mm 682	mm 682
Cold In (D)	mm 377	mm 377	mm 377
Hot Out (E)	mm 1078	mm 1078	mm 1078
Weight Empty - Tank	kg 41	kg 41	kg 46
Weight Full - Tank	kg 48	kg 48	kg 54
Weight Empty - Solar Collectors	kg 96	kg 96	kg 144
Weight Full - Solar Collectors	kg 104	kg 104	kg 156

RHEEM PREMIER® LOLINE SOLAR HOT WATER HEATER



RHEEM LOLINE SOLAR HOT WATER HEATER



SOLAR COLLECTOR MODEL S200, T200, HBT 200 & NPT 200
 Dimensions and Specifications
 Width (F) mm 1023
 Height (G) mm 1941
 Depth (H) mm 80

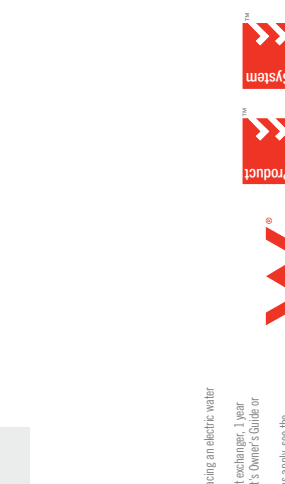
RHEEM LOLINE SOLAR HOT WATER HEATER

ELECTRIC BOOSTED		GAS BOOSTED	
MODEL	511271/2NPT-G	511271/2NPT-G	511271/2NPT-G
Storage Capacity	L 270	L 270	L 270
Solar Collectors	2	2	2
Booster Type	Gas - Remote	Gas - Remote	Gas - Remote
Boost Capacity	24L/min	24L/min	24L/min
People Per Household	2-5	2-5	2-5
Dimensions & Specifications			
Height (A)	mm 1395	mm 1640	mm 1840
Width (B)	mm 670	mm 680	mm 730
Depth (C)	mm 680	mm 680	mm 680
Cold In (D)	mm 102	mm 73	mm 81
Hot Out (E)	mm 1117	mm 1357	mm 1519
Weight Empty - Tank	kg 94	kg 71	kg 87
Weight Full - Tank	kg 314	kg 341	kg 412
Weight Empty - Solar Collectors	kg 82	kg 82	kg 82
Weight Full - Solar Collectors	kg 82	kg 82	kg 82

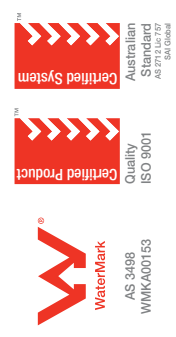
RHEEM LOLINE SOLAR HOT WATER HEATER



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
 - Rheem Premier Hiline® 7 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
 - Greenhouse gas emission savings based upon installing a 5.13.25/2NPT 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 of 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.



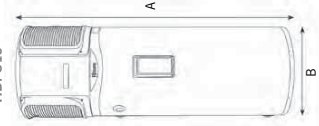
COMES ON STEADY, HOT AND STRONG

INSTALL A RHEEM

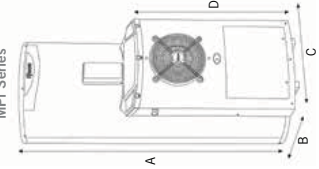
	HDI-310	MPI-325	MPI-410	MPI-325
Product Code	551310	551325	554410	561325
RheemPlus®	3-6	2-5	2-6	2-4
Number of People (Moderate Climate)	N/A	1018	1018	1034
Dimensions				
Height (mm)	1870	1636	1842	1630
Module: D	N/A	N/A	N/A	N/A
Tank: A	670	863	931	640
Width (mm)	48	42	42	50
Module: E	87	88	90	88
Tank: B	310	325	410	325
Depth (mm)	1300	800	800	800
Module: F	220	180	200	180
Tank: C	679	638	686	N/A
Weight				
Heat Pump module (kg)	48	42	42	50
Tank (kg)	87	88	90	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 NH NSW & QLD.

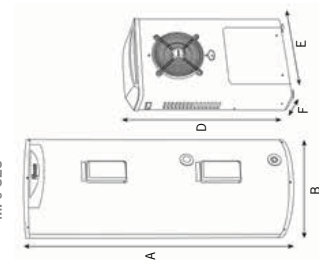
HDI-310



MPI Series



MPI-325



Warranty, terms and conditions

- 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). Before purchase consult your energy provider for more information on cost comparisons.
- Heat Pump warranty conditions. 3 year cylinder warranty, 5 year labour warranty, 2 year on stacked system including labour. 1 year on all other parts and labour. Applies to domestic installations only. Amend warranty may apply where a government rebate has been received for this 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
- 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.
- Assumes consumer eligibility for rebates. Eligibility criteria apply. Rebates and incentive schemes are subject to change or cancellation without notice.
- 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.

COMES ON STEADY, HOT AND STRONG



	Warranty	25	50	80	125	160	250	315	400
Rheenglas® Single Element	7 years	111025	191050	111080	111125	111160	111250	111315	111400
Rheenglas® Twin Element	10 years	—	—	—	—	162160	162250	162315	162400
Rheem Optima® Single Element	7 years	—	—	—	—	—	462250	462315	462400
RheemPlus® Single Element	7 years	—	—	—	121125	—	121250	121315	121400
Hot Water Delivery Storage Capacity	Litres	18	50	80	125	160	250	315	400
Boost Capacity	Litres	25	53	90	135	160	250	315	400
Dimensions									
A	mm	390	695	940	1340	1610	1395	1640	1840
B	mm	385	400*	480	480	640	640	640	690
C	mm	420	429	515	515	700	700	700	755
D	mm	130	130	177	132	177	177	177	177
E	mm	116	116	144	116	144	144	144	149
F	mm	75	80	84	84	128	128	128	129
G	mm	—	—	—	1085	1085	1085	1255	1346
H	deg	26	26	23	23	32	32	32	30
I	deg	65	59	58	58	88	88	88	83
J	mm	—	—	—	—	—	—	—	—
K	mm	—	—	—	—	—	—	—	—
L	kg	18	23	34	49	57	74	89	112

Approx. Weight Empty

111, 411, 162, 462 and 121 models have left hand connections.

191 models have left and right hand connections and are available in Litre delivery capacity only.

Rheenglas single 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.

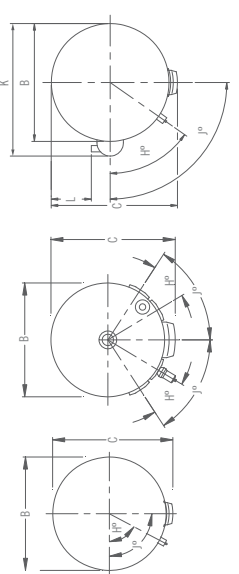
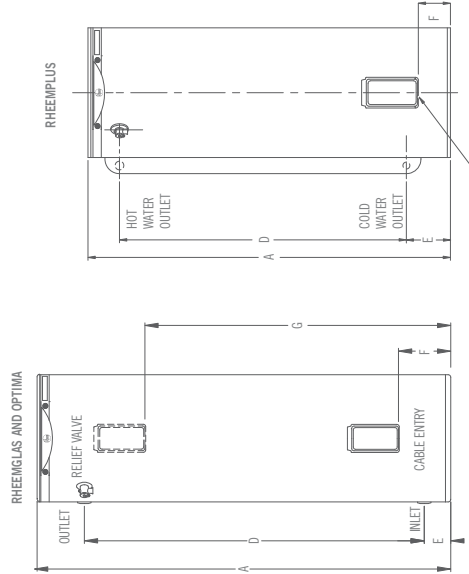
* 400mm diameter applies to product manufactured after 1/7/07/2012.

RHEEM OPTIMA®		250	315	400
Model (Litres)				
PPH* - Off peak tariff	Single / Twin	1-3/2-3	2-4/3-4	4-6/4-7
PPH* - Continuous tariff	Single / Twin	3-5	4-6	5-9
RHEENGAS® AND RHEEMPLUS®				
Model (Litres)	Single element	25	50	80
PPH* - Off-peak tariff		-	-	-
PPH* - Continuous tariff		-	1	1-2
Model (Litres)	Single element	160	250	315
PPH* - Off-peak tariff		-	1-3	2-4
PPH* - Continuous tariff		2-4	3-5	4-6
Model (Litres)	N/wn element	160	250	315
PPH* - Off-peak tariff		1-3	2-3	3-4
PPH* - Continuous tariff		2-4	3-5	4-6

*People per household.

Warranty, terms and conditions

- 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 1/7/2012. Conditions apply, see the Rheem warranty set out in the product's Owner's Guide or view it at www.rheem.com.au/warranty
- 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
- 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 5004.



LEFT HAND CONNECTIONS

DUAL HANDED CONNECTIONS



RHEEM GAS STORAGE HOT WATER PRODUCT DATA

RHEEM CONTINUOUS FLOW HOT WATER PRODUCT DATA

	Rheem 4 Star		Rheem 5 Star		Rheem Stellar®		Rheem Indoor*	
Model Number	3470900/P0	3471350/P0	3471700/P0	3510250/P0	3510250/P0	3510250/P0	3510250/P0	3510250/P0
RheemPlus®	—	—	—	3542550/P0	3542550/P0	—	—	—
Number of People:	1-3	2-4	3-5	3-5	3-6	2-4	2-4	3-5
Moderate Climate	1-2	2-3	3-4	3-4	3-5	2-3	3-4	3-4
Cool Climate	7	7	7	5	10	5	5	5
Warranty (years)	17/1&19							
Gas Type	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane
Storage Capacity (Litres)	4.1	5.3	4.0	5.3	5.0	3.4	3.2	3.2
Recovery Rate (Litres@60°C) Natural Gas	90	135	170	160	130	135	170	126
Recovery Rate (Litres@60°C) Propane	100	117	142	142	200	120	126	286
First Hour Capacity (Litres)	190	252	287	302	330	255	286	303
Hourly Gas Consumption (MJ/Hr/Nat/Pro)	25/25	27/26	27/26	30/30	42/42	30/30	30/30	30/30
Dimensions mm								
A	1138	1558	1838	1822	1600	1615	1915	1915
B	422	422	422	485	485	425	425	425
C	592	592	592	598	598	598	598	598
D	592	592	592	598	598	598	598	598
E	328	328	328	409	409	328	403	403
F	298	298	298	298	298	297	297	297
G	1078	1478	1778	600	770	1450	1730	1730
H (RheemPlus® Only)	—	—	—	545	545	—	—	—
J (RheemPlus® Only)	—	—	—	182	182	—	—	—
K	473	473	473	520	520	490	490	490
L	208	208	208	240	240	213	213	213
M	—	—	—	289	289	299	299	299
N	—	—	—	93	93	93	93	93
O	—	—	—	85	70	80	80	80
Weight (Empty) (kg)	48	59	69	75	70	54	63	63
Relief Valve Setting (kPa)	1400	1400	1400	1400	1400	1400	1400	1400
Expansion Control Valve Setting (kPa)	1200	1200	1200	1200	1200	1200	1200	1200
Max Water Supply Pressure:	—	—	—	—	—	—	—	—
with ECO (kPa)	960	960	960	960	960	960	960	960
without ECO (kPa)	1120	1120	1120	1120	1120	1120	1120	1120
Water Connections	RP 3/4/20	RP 3/4/20	RP 3/4/20	RP 3/4/20	RP 3/4/20	RP 3/4/20	RP 3/4/20	RP 3/4/20
Water Connections (RheemPlus)	—	—	—	—	—	—	—	—
Gas Connection	RP 1/2/15	RP 1/2/15	RP 1/2/15	RP 1/2/15	RP 1/2/15	RP 1/2/15	RP 1/2/15	RP 1/2/15

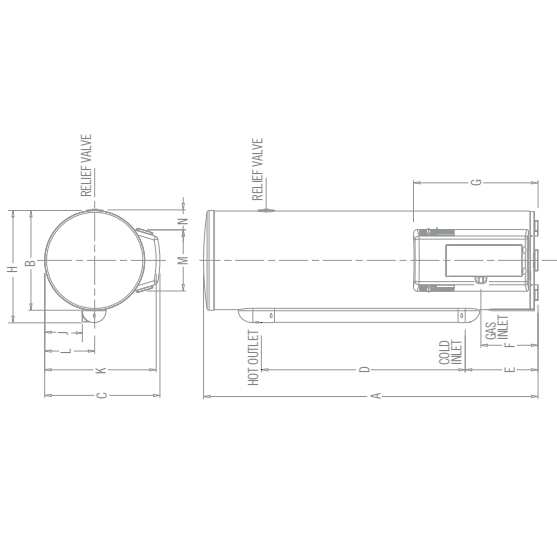
*Flue Diameter 75mm

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.

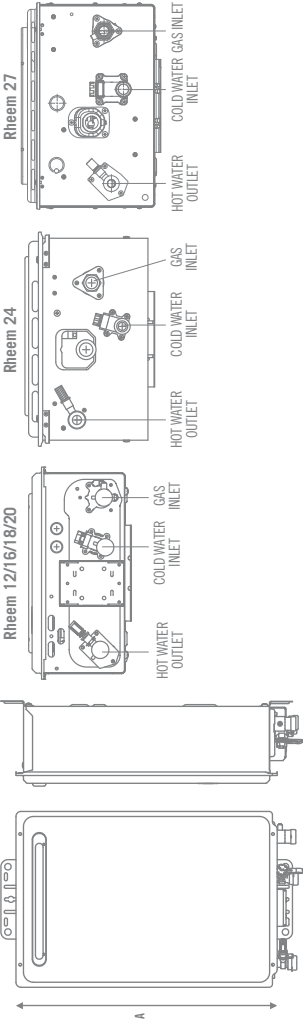
FIRST HOUR CAPACITY – a measure of water heater capacity that combines both the stored hot water volume & the hourly recovery rate (eg. if a water heater has storage capacity of 130L and a recovery rate of 200L/hour, its First Hour Capacity is 330L).

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
 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
 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.

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).



	Rheem 12		Rheem 16		Rheem 18		Rheem 20		Rheem 24		Rheem 27		Rheem Water Star	
Model Number	876612N/PF	874612N/PF	876616N/PF	874616N/PF	876618N/PF	874618N/PF	876620N/PF	874620N/PF	876624N/PF	874624N/PF	876627N/PF	874627N/PF	876627N/PF	874627N/PF
Maximum Temperature °C	50	60	50	60	50	60	50	60	50	60	50	60	50	70
Number of Bathrooms	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	2-5-3
Gas Type	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	Natural Gas/Propane	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 Stars	6 Stars	6 Stars	6 Stars	6 Stars	6 Stars	6 Stars	6 Stars	6.1 Stars
Flow Rate (L/min) at 25°C Rise	120/min	160/min	160/min	160/min	180/min	180/min	200/min	200/min	240/min	240/min	270/min	270/min	270/min	270/min
Minimum Operating Flow Rate	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.7 L/min	2.0 L/min
Nominal Gas Consumption	94 MJ/Hr	126 MJ/Hr	126 MJ/Hr	126 MJ/Hr	140 MJ/Hr	140 MJ/Hr	153 MJ/Hr	153 MJ/Hr	188 MJ/Hr	188 MJ/Hr	205 MJ/Hr	205 MJ/Hr	205 MJ/Hr	205 MJ/Hr
Dimensions														
A - Height mm	520	520	520	520	520	520	520	520	565	565	600	600	565	565
B - Width mm	350	350	350	350	350	350	350	350	350	350	350	350	350	350
C - Depth mm	160	160	160	160	160	160	160	160	160	160	160	160	160	160
Depth - from wall to Hot Water Outlet	51	51	51	51	51	51	51	51	51	51	51	51	51	51
Depth - from wall to Cold Water Inlet	43	43	43	43	43	43	43	43	43	43	43	43	43	43
Depth - from wall to Gas Inlet	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Weight (Empty)	18kg	18kg	18kg	18kg	18kg	18kg	18kg	18kg	21kg	21kg	23kg	23kg	23kg	12.5kg
Max. Water Supply Pressure	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	800kPa
Min. Water Supply Pressure	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa	140kPa
Cold Water Connection	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20
Hot Water Connection	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20
Gas Connection	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20	R 1/2/20
Temperature Controllers														
Kitchen	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858
Bathroom 1	29851	29851	29851	29851	29851	29851	29851	29851	29851	29851	29851	29851	29851	29851
Bathroom 2	29852	29852	29852	29852	29852	29852	29852	29852	29852	29852	29852	29852	29852	29852
Deluxe Temperature Controllers														
Kitchen	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858	29858
Bathroom 1	29859	29859	29859	29859	29859	29859	29859	29859	29859	29859	29859	29859	29859	29859
Bathroom 2	29860	29860	29860	29860	29860	29860	29860	29860	29860	29860	29860	29860	29860	29860
Accessories														
Pipe Cover	29881	29881	29881	29881	29881	29881	29881	29881	29881	29881	29881	29881	29881	29881
Recess Box	29882	29882	29882	29882	29882	29882	29882	29882	29882	29882	29882	29882	29882	29882
Rheem E7 Link Kit	29041	29041	29041	29041	29041	29041	29041	29041	29041	29041	29041	29041	29041	29041
Wall Mount Security Kit	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Security Cage	29867	29867	29867	29867	29867	29867	29867	29867	29867	29867	29867	29867	29867	29867
Power	—	—	—	—	—	—	—	—	—	—	—	—	—	240V AC



GLASSARY 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. 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 tempering, refer to AS 3500.4. 60°C 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 & labour 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 5% 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

Rheem Australia Pty Ltd

ABN 21 098 823 511

Head Office

1 Alan Street,
Rydalmere NSW 2116
Australia

PO Box 6,
Rydalmere NSW 2116
Australia

National Sales Phone: 132 552

National Service Phone: 131 031

www.rheem.com.au

® Registered Trademark of Rheem Australia Pty Ltd
TM Trademark of Rheem Australia Pty Ltd

Version 3.3 REVISED JUN 2013