

# RHEEM CONTINUOUS FLOW GAS HOT WATER



REVISED MAY 2013



GAS

6★  
ENERGY  
RATING

1-6  
PERSONS

12-54  
L/MIN  
CAPACITY

10  
YEAR  
WARRANTY<sup>3</sup>



**NOW  
6 STAR  
EFFICIENT**

## HOT WATER THAT NEVER RUNS OUT



COMES ON STEADY, HOT AND STRONG

INSTALL A



# RHEEM CONTINUOUS FLOW GAS 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, when Rheem started making hot water heaters in Australia. 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 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.



### CONTINUOUS FLOW 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, apartment or a tight spot.

6 Star energy efficient Rheem  
water heaters are good  
for the environment.



## CHOOSING THE RIGHT CAPACITY RHEEM FOR YOUR HOME

Your Rheem will be serving you for many years 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-tub be filled using hot water?
- Your needs may also depend on the climate and water pressure. The following guide can assist you in selecting the right Rheem Continuous Flow model for your home.

Model	Rheem 12	Rheem 16	Rheem 18	Rheem 20	Rheem 24	Rheem 27
Hot Water Flow Rate (at 25°C Temp Rise) <sup>1</sup>	12L/Min	16L/Min	18L/Min	20L/Min	24L/Min	27L/Min
No. of Bathrooms Moderate Climate	1	1.5	1.5	2	2.5	3
Cool Climate	1	1	1	1.5	2	2.5

## WHY RHEEM CONTINUOUS FLOW?

**6 Star energy rating** – saves money and is good for the environment.

**Capacities to suit every home, apartment or family** – 12L, 16L, 18L, 20L, 24L and 27L/Minute flow rates.

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

**10 Year warranty**<sup>3</sup>

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

**Rheem EZ LINK®** – up to 54L/Minute by linking two Rheem units to act as one, thereby doubling capacity.

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

**Family safety** – electronic control means accurate and reliable water temperature, reducing the risk of accidental scalding.

**Electronic remote temperature controllers** – for accurate setting of the ideal and safest temperature for bathroom and kitchen.

**Solar ready** – Rheem 70°C capable models are compatible with solar systems without the need for special fittings.<sup>5</sup>

**Factory pre-set 50°C models available**, requiring no tempering valve, and adjustable to deliver 50°C at your tap.<sup>2</sup>

**Full technical support** through Rheem's National Service Network.

**Compact size** – for maximum flexibility in design to suit every installation (houses, apartments and units).

**Available to suit either Natural Gas or Propane.**

**Commercial models** – available capable of up to 82°C temperature delivery.<sup>2</sup>

**Internal model** – available with a 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's padlock security feature will also help protect the water heater.



## 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, which turns off the water flow once the bath is filled – at exactly the temperature you set.

## THE RIGHT RHEEM FOR YOU

Australia's widest range of different capacities, 5 Star energy efficient options and energy types all share the Rheem promise of premium quality.



- Fast recovery, to have you back in hot water fast.
- Mains pressure for many showers or taps at once – ideal for large families.
- 5 Star energy efficient.
- 10 year warranty<sup>3</sup>.

RHEEM STELLAR



- Capacities for every home, from a small unit to large family home.
- Instant hot water on tap when you need it.
- Mains pressure.
- Easy to install replacement for your old water heater.

GAS STORAGE HOT WATER



- No Solar panels required.
- Works all year round even without the sun.
- The simple solar solution.

HEAT PUMP



- The most efficient way to heat water.
- Uses renewable 'Solar' energy to heat water.
- The kindest water heating technology for our environment.

SOLAR



WITH RHEEM  
YOU'RE IN CONTROL

INSTALL A

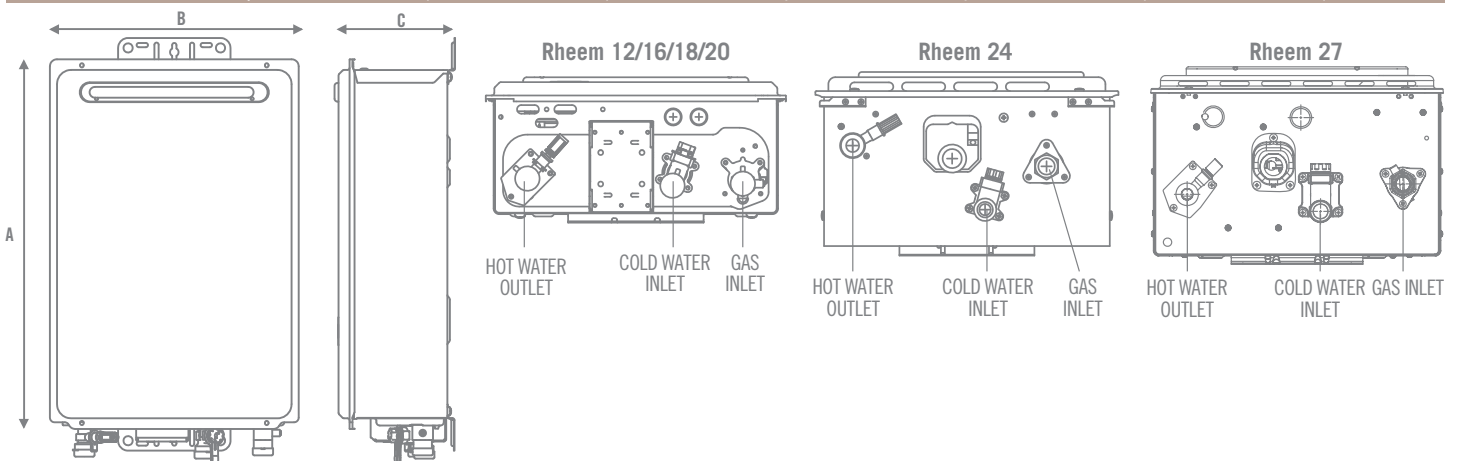




You can be confident Rheem represents the most energy efficient hot water solutions all with a 6 Star rating. It's good for you and the environment.

# RHEEM 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	871624NF/PF	876627NF/PF	874627NF/PF	W8100401
Maximum Temperature °C	50	60	50	60	50	60	50	60	50	60	50	60	70
Number of Bathrooms	1		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 ★	6.0 Stars		6.0 Stars		6.0 Stars		6.0 Stars		6.0 Stars		6.0 Stars		–
Flow Rate L/Min at 25°C Rise	12L/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		2.7L/Min		–
Nominal Gas Consumption	94 MJ/Hr		126 MJ/Hr		140 MJ/Hr		153 MJ/Hr		188 MJ/Hr		205 MJ/Hr		–
<b>Dimensions</b>													
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		–
<b>Temperature Controllers</b>													
Kitchen	299850		299850		299850		299850		299850		299850		–
Bathroom 1	299851		299851		299851		299851		299851		299851		–
Bathroom 2	299852		299852		299852		299852		299852		299852		–
<b>Deluxe Temperature Controllers</b>													
Kitchen	299858		299858		299858		299858		299858		299858		–
Bathroom 1	299859		299859		299859		299859		299859		299859		–
Bathroom 2	299860		299860		299860		299860		299860		299860		–
<b>Accessories</b>													
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

**Continuous Flow/Instantaneous** – alternative names for gas continuous flow water heaters, typically electronically controlled and fan forced to improve performance and temperature control.

**Flow Rate** – the volume of water a continuous flow water heater delivers a nominated temperature rise above the incoming water temperature, commonly in the range of 10-27 Litres/Minute.

**Propane** – correct name for Liquefied Petroleum Gas for domestic use, also called LPG. Some areas are supplied with Butane instead of Propane, if unsure contact your gas supplier.

**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.

1. Guide only, subject to ambient water temperature and pressure, correct pipe sizing and appliance flow rates.
2. 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/NZS 3500.4. 60°C and higher temperature models must have a tempering valve installed in accordance with AS/NZS 3500.4.
3. 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.
4. 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.
5. Applies to 70°C capable models when set to 70°C.

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