

Rheem Guide to Electric Storage Hot Water



INSTALL A RHEEM®





A name you can trust

Whatever your situation, Rheem has a water heater that's ideal for you. Designed and manufactured in accordance with Australian Standards, Rheem builds quality products trusted for reliable performance in all Australian conditions.

Rheem's unmatched range of water heaters includes Solar, Heat Pump, Instantaneous, 5 Star Gas Storage and conventional gas and electric storage products. Whether you need a compact, high efficiency hot water solution or are operating on a budget, there'll be something in the Rheem range to suit.

Rheem products are stocked in major plumbing merchants, appliance retailers and energy supplier showrooms across Australia, which makes getting a Rheem water heater easy, wherever you are located. Every Rheem product is backed by a comprehensive warranty and over 60 years experience in manufacturing water heaters in Australia.

Things to consider when selecting an Electric Water Heater

1) Purchase / Installation Costs

Electric storage systems are a relatively inexpensive solution to your hot water needs. If you are replacing an existing water heater a "like for like" replacement also tends to reduce installation costs .

2) Running Costs

These will be based on your household usage and your electricity settings. For example, whether you are on off-peak or reduced tariff electricity. Generally electric water heaters will cost more to run than natural gas or solar systems, offsetting the relatively low purchase and installation costs.

3) Capacity

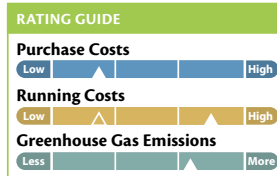
Electric storage water heaters are rated by their delivery capacity. If you are on an off-peak electricity tariff a larger capacity water heater should be considered as your storage tank will only be heated once a day and it must be able to cater for a full day's use, typically 250 litres or greater is recommended. For water heaters not connected to off-peak electricity, smaller units are available ranging from 25 litres to 160 litres.

Choosing the right size or capacity

When choosing the right sized water heater for your household, you will need to consider how you use the hot water, for example:

- How many bathrooms are in your home or how many people use hot water at the same time?
- How many adults and children live at home?
- As they can use a lot of hot water, how many of the children are teenagers?
- Is there a dishwasher connected to the hot water supply?
- Do you wash your clothes all, some or none of the time in hot water?
- Do you have a larger than normal bathtub or spa-tub that is filled using the hot water supply?

This easy reference guide is provided next to each product showing costs, running efficiency and greenhouse gas emission comparisons.



Optima Electric

Rheem Optima electric storage water heaters offer the peace of mind that comes with a 10 year warranty and are available in 250, 315 and 400 litre capacities, ideal for use with money-saving off-peak energy tariffs.

Rheem Optima also features a thermostat that is user adjustable up to 75°C, for even greater hot water availability.

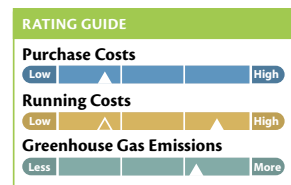
Utilising Rheem's heavy-duty enamel for long-lasting protection, CFC-free foam insulation, larger anode and Rheem's automated manufacturing and precision welding technology Rheem Optima will provide years of reliable service. Rheem Optima is backed by Rheem's extensive service network and over 100 years of water heating know-how.



- Mains Pressure at multiple taps
- 10 year warranty¹
- Proven Rheem reliability
- Choice of 3 capacities
- Designed for economical Off-peak energy tariffs
- Twin element daytime boost models available
- User adjustable thermostat
- Durable COLORBOND® finish

Model (Litres)	250	315	400
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
Warranty	10 years ¹		
Installation	Indoor/ Outdoor		
Fuel Source	Electric		

*People Per Household. Disclaimers **1.** 10 year cylinder warranty, 5 year labour warranty on the cylinder, 1 year parts and labour warranty. See Owner's Guide for conditions.



▲ = Continuous Tariff ▲ = Off-peak Tariff

Rheemglas Electric

Rheemglas is an economical electric storage water heater range that is available in different sizes to suit most needs, while the larger models (160 litre and larger) are ideal for use with money-saving off-peak energy tariffs.

Featuring Rheem's unique Rheemglas enamel formulation for long-lasting protection, CFC-free foam insulation and Rheem's automated manufacturing and precision welding technology, Rheemglas provides years of trouble-free hot water.

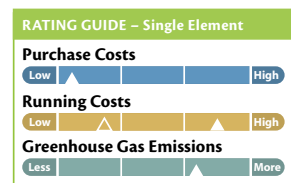
Rheemglas is backed by Rheem's extensive service network and over 100 years of water heating know-how.



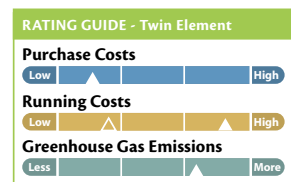
- Mains Pressure at multiple taps
- 5 year warranty¹
- Proven Rheem reliability
- Available in a range of sizes to suit most needs
- Off-peak tariff models available
- Twin element – daytime boost models available
- Durable COLORBOND® finish

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
Warranty	5 years ¹			
Installation	Indoor/ Outdoor			
Fuel Source	Electric			
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
Warranty	5 years ¹			
Installation	Indoor/ Outdoor			
Fuel Source	Electric			

*People Per Household. Disclaimers **1.** 5 year cylinder warranty, 3 years labour warranty on the cylinder, 1 year parts and labour warranty. See Owner's Guide for conditions.



▲ = Continuous Tariff ▲ = Off-peak Tariff



▲ = Continuous Tariff ▲ = Off-peak Tariff



Quick Reference

	ELECTRIC								
	Warranty	Model							
RHEEMGLAS	5 Years	111025	191050	111080	111125	111160	111250	111315	111400
RHEEMGLAS TWIN ELEMENT	5 Years					162160	162250	162315	162400
RHEEM OPTIMA	10 Years						411250	411315	411400
RHEEM OPTIMA TWIN ELEMENT	10 Years						462250	462315	462400
Hot Water Delivery (Litres)		20	50	80	125	160	250	315	400
Initial Storage Capacity (Litres)		25	53	90	135	165	270	324	412
Boost Capacity									
Twin Element (Litres)						45	50	50	90
Height (mm)		440	690	940	1340	1610	1395	1640	1840
Width (mm)		370	393	480	480	480	640	640	690
Depth (mm)		405	430	515	515	515	705	705	755
Approx. Weight Empty (Kg)		13	30	34	46	54	70	87	112
People per Household									
Continuous Tariff - Single Element		-	1	1-2	2-3	2-4	3-5	4-6	5-9
Off-peak Tariff - Single Element		-	-	-	-	-	1-3	2-4	4-6
Off-peak Tariff - Twin Element		-	-	-	-	1-3	2-3	3-4	4-7

Glossary of Terms

Off-peak electricity - is a lower running cost option that is available to you to use 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.

PPH - People Per Household.

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All electric water heaters have left hand connections except 50 litre which is supplied with dual hand connections (191050) and 80 and 125 litre which are available in right hand versions (171080, and 171125 models). All electric water heaters operate on 240 volt single phase electricity supply. Twin element models are wired for non-simultaneous operation. ©Registered trademark of Rheem Australia Pty Ltd. TM Trademark of Rheem Australia Pty Ltd *Colorbond is a registered trademark of BlueScope Steel Pty Ltd. Date of Printing April 2008. Rheem Australia Pty Ltd, 1 Alan St, Rydalmere NSW 2116. Materials and specifications are subject to change without notice.

