



RHEEM SOLAR READY ELECTRIC WATER HEATER

PLATINUM SERIES



FEATURES

- Suitable for standard or emergency replacement of your old electric water heater
- Fast, easy like-for-like replacement of an equivalent size electric water heater
- Available in Vitreous Enamel lined 250 litre and 315 litre electric water heater models (rated delivery), built for the tough Australian conditions
- Thicker anode for added protection
- Suitable for outdoor or indoor installation
- Designed to operate as a single element (3.6 kW) electric water heater
- Mains pressure water delivery for water that comes on steady, hot and strong
- Built-in solar circuit inlet and outlet connections for an upgrade to solar
- Upgrade to solar hot water system by adding solar collectors and solar controller – when you are ready
- Developed and manufactured by Rheem Australia

HOW IT WORKS

Rheem's electric Solar Ready water heater is designed for your regular and emergency water replacement needs. This electric water heater has solar water connections which are connected when upgraded to a solar water heater. The addition of a unique electronic solar controller and the solar collectors then upgrades the water heater from electric to solar. This future proofs your investment.

BOOSTER OPTIONS

To ensure you have hot water all year round a Rheem Loline® Solar Ready Vitreous Enamel water heater is available with either in-tank electric boosting or 6-Star 26L/min continuous flow gas boosting. Boosting is a back-up feature that provides hot water at times of low solar energy gain, such as during very cloudy or rainy weather, or during the colder months or periods of increased hot water demand.

WHY UPGRADE TO A SOLAR WATER HEATER?

- Simple upgrade to solar by installing slimline collectors to the roof and unique smart connect solar controller on the tank. Easy connections to the solar fittings provided
- As a solar water heater, it has a 3.6 kW mid tank electric booster element and a 1.0 kW bottom frost element for enhanced frost protection
- Enhanced frost protection – recirculating freeze protection utilising an electronically controlled back-up frost element for very frosty weather conditions
- Incorporates automatic electronic controls
- Can be installed up to 600 metres altitude
- Range of collector options to suit different climate zones
- Energy Efficient - may save up to 65% to 70% in hot water heating energy consumption as compared to electric water heater^{1,2,3}
- Booster – choice of electric element or 6-Star gas boost for back up to provide hot water in any weather conditions
- Range of collector options to suit different climate zones. High performance selective surface collectors available in Zones 3 and 4
- Eligible for STCs (may be eligible for additional incentives in some states)⁴
- 10 year cylinder warranty and 10 year collector warranty⁵
- Australian designed and developed with the tank and solar controller manufactured in Australia



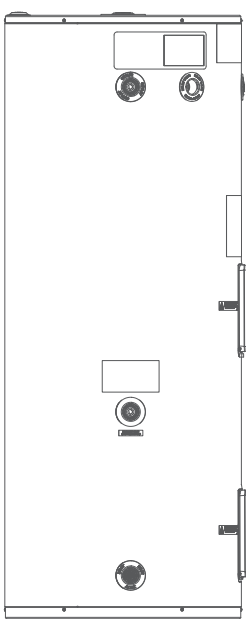
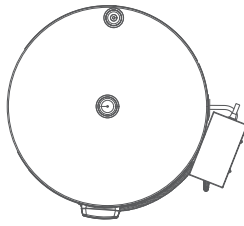
COMES ON STEADY, HOT AND STRONG

INSTALL A

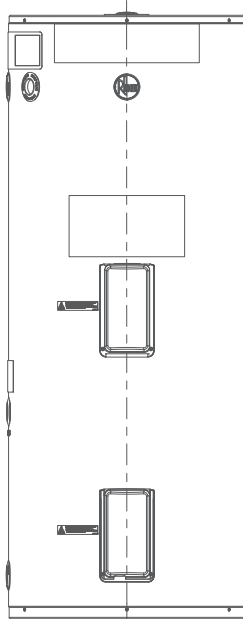




RHEEM SOLAR READY ELECTRIC WATER HEATER



VITREOUS ENAMEL
MODEL (SIDE VIEW)



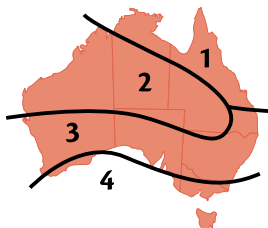
VITREOUS ENAMEL
MODEL

LOLINE® SOLAR HOT WATER SYSTEM

		Electric	Gas	Electric	Gas
		51M250S/2NPT	51M250S/2NPT-G	51M315S/2NPT	51M315S/2NPT-G
		51M250S/3NPT	51M250S/3NPT-G	51M315S/3NPT	51M315S/3NPT-G
		51M250S/2CS07	51M250S/2CS07-G	51M315S/2CS07	51M315S/2CS07-G
Storage capacity	litres	270		325	
Boost capacity	litres	140	26L/min	170	26L/min
Booster rating / input		3.6 kW	199 MJ/h	3.6 kW	199 MJ/h
Frost element rating	watts	1030	1030	1030	1030
Solar collectors		2 or 3 x NPT200 or 2 x CSA2007		2 or 3 x NPT200 or 2 x CSA2007	
People per household		2 to 5		3 to 6	
Dimensions & specifications					
Min. water supply pressure	kPa	200		200	
Tank height	mm	1395		1640	
Tank width	mm	640		640	
Tank depth	mm	680		680	
Overall width	mm	765		765	
Tank weight - empty	kg	82		97	
Tank weight - full	kg	352		422	
Weight - full					
- 2 x collectors	kg	78		78	
- 3 x collectors	kg	117		117	
Installation area					
- 2 x collectors	m	2.3 x 2		2.3 x 2	
- 3 x collectors	m	3.4 x 2		3.4 x 2	

ELECTRIC SOLAR READY WATER HEATER

		Electric	
		51M250	51M315
Delivery capacity	litres	250	315
Element rating	kW	3.6	3.6
People per household		Up to 5	Up to 6
Dimensions & specifications			
TPR valve setting	kPa	1000	1000
Expansion Control Valve (ECV) setting	kPa	850	850
Max. water supply pressure			
With ECV	kPa	680	680
Without ECV	kPa	800	800
Water connections		Rp 3/4	Rp 3/4
Tank height	mm	1390	1640
Tank width	mm	640	640
Tank depth	mm	680	680
Tank weight - empty	kg	82	97
Tanks weight - full	kg	352	422



STCs

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

This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved Solar water heater. Your installation may be eligible.

For more information on STCs visit www.rheem.com.au/rheem/help/offers-and-incentives/stcs

1. Energy savings are based on Australian Government Approved TRNSYS simulation modelling of the 51M315S/2NPT and 51M315S/2CS07 systems and using a medium load in Zone 3 and apply when replacing an electric water heater.
2. Any energy and 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.
3. Electric boost models only.
4. Eligibility criteria applies. For more details visit: www.cleanenergyregulator.gov.au/RET/About-the-Renewable-Energy-Target/How-the-scheme-works/Small-scale-Renewable-Energy-Scheme. The STC calculator for your system can be found on: www.rec-registry.gov.au/rec-registry/app/calculators/sw-h-stc-calculator
5. Warranty: solar tank and collectors – 10 years supply on cylinder and 10 years supply on solar collectors, 3 years labour on cylinder and solar collectors, 1 year supply and labour on other parts; continuous flow gas booster – 12 years supply on heat exchanger, 3 years labour on heat exchanger, 3 years supply and labour on other parts. Applies to a single-family domestic dwelling only when installed in accordance with the warranty limits regarding water chemistry. Harsh water regions – the Rheem warranty may not apply if the water heater is connected to a water supply which: has a Total Dissolved Solids content >2500mg/L; is scaling with a Saturation Index >+0.8, or; is corrosive with a Saturation Index <-1.0. Rheem's warranty is set out in the product's Owner's Guide or view it at www.rheem.com.au. Phone 131 031 for details.

Materials and specifications are subject to change without notice.

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A Greater Degree of Good™ represents our global commitment to sustainability.



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INSTALL A

