



Rinnai



Electric Boosted Solar



Rinnai Prestige Electric Boosted Solar Systems

Rinnai draws from the expertise of over 70 years experience in designing and manufacturing Hot Water Systems. This allows us to give you a refined range of the most highly efficient quality choices available.

Rinnai Prestige offers:

- Highest quality Stainless Steel
- Commercial grade construction
- Environmentally friendly alternative
- No sacrificial anodes required
- Reduced maintenance costs
- Specifically designed for solar reducing the need for boosting
- Tanks exceed the Minimum Energy Performance Standard (MEPS)
- Minimum heat loss
- Highest RECs awarded for tank capacities
- Life expectancy of one tank will out last two enamel tanks
- Stainless steel tanks are recyclable
- Lower embodied energy
- Flexible system configurations to suit your needs
- Collectors have highly selective surfaces
- Manufactured in Australia for our varying conditions
- Minimised heat loss and maximise efficiency



Experience Our Innovation

Rinnai Electric Solar Hot Water Systems

Close Coupled Systems

A close coupled system is where the Storage Cylinder and the Solar Collectors are coupled together and the installation is on the roof.

Rinnai Close Coupled Solar System use a thermo-syphoning principle (i.e. hot water rises because it is less dense) to circulate the water through the Collectors and then to the Storage Cylinder without the need for a pump.

Supplementary heating from the electric element will generally turn on overnight to bring the water up to temperature if insufficient heat is available from the sun (such as during cloudy or rainy weather or during winter months).

Features

- Low heat loss due to greater insulation
- Supplied standard in Titanium colour
- Wide range of Colorbond® colours available including Silver Prestige. Ask your Rinnai Solar consultant for the full colour selection
- Choice of two selective surface Collectors

Benefits

- Technically very efficient, economical to install and low maintenance
- No recirculating pumps and pipe runs – reducing heat losses and improving running efficiencies
- No electricity required to operate pumps to recirculate the water through the panels
- Space saving in that it eliminates the need for a storage tank at ground level – ideal for courtyard homes or small blocks



Split Systems

A split system is where the Storage Cylinder and the Solar Collectors are split and installed separately.

A solar control unit ensures the water circulates via a pump between the Solar Collectors and the Storage Cylinder. This transfers heat from the Collectors to the water in the cylinder if enough heat is available from the sun. The electric element will boost the water stored in the Cylinder overnight if necessary.

Features

- Rinnai Prestige improved insulation levels
- Streamlined appearance - minimal impact on the aesthetics of your roofline with only the Collectors visible
- Choice of two selective surface Collectors

Benefits

- Easy installation on roofs
- Split Systems do not require reinforcement of the roof structure, as the weight associated with water storage is at ground level
- Split System Cylinder can be installed internally or externally
- Collectors and the Cylinder do not need to be installed at the same time
- Ideal system for construction of new homes and major renovations



Solar Collectors

Excelsior Solar Collectors

- Highly efficient all copper Collector with a selective surface maximising energy from the sun
- 10 Riser tubes per panel for effective transfer of the solar energy to heat the water
- Full aluminium casing for corrosion resistance
- Available in both standard and frost tolerant (FTC) versions



Enduro & Equinox Solar Collectors

- Highly efficient aluminium fin solar absorber to maximise efficiency
- 8 Riser tubes per panel for effective transfer of solar energy to the water
- Full aluminium casing for corrosion resistance
- Equinox Collector has added feature of Frost Protection



Solar Rebates

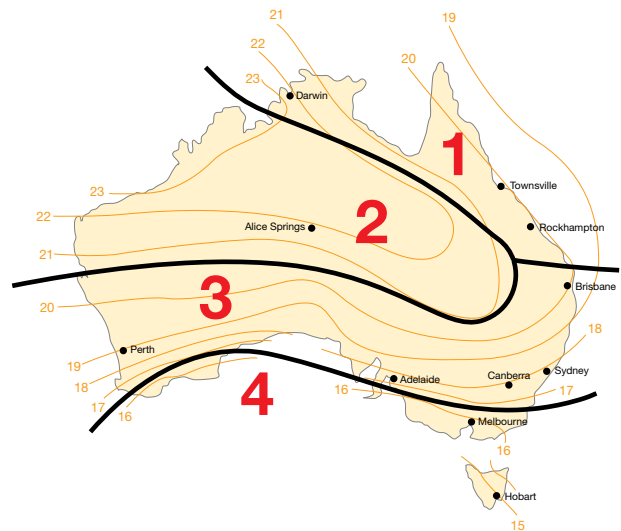
REC's and Rinnai Solar Systems

Rinnai offer the following popular combinations however if your particular system is not shown, please ask your Rinnai Solar Specialist who can further advise.

Electric Close Coupled Systems		No of Bedrooms	RECs Zones			
			1	2	3	4
Rinnai Prestige System I	Elec 180L 1 panel, 2.4 kW	1 to 3	21	21	21	17
Rinnai Prestige System J	Elec 330L 2 panel, 2.4 kW	1 to 3	35	33	35	30
Rinnai Prestige System K	Elec 330L 2 panel, 3.6 kW	3 or more	35	33	35	30

Electric Split Systems		No of Bedrooms	RECs Zones			
			1	2	3	4
Rinnai Prestige System F*	Elec 250L 2 panel, 3.6 kW	1 to 3	32	31	32	26
Prestige System G	Elec 315L 2 panel, 3.6 kW	3 or more	32	31	32	26
Prestige System H	Elec 315L 3 panel, 3.6 kW	3 or more	35	33	35	30

*Not suitable for Victorian 5 star homes (3 or more bedroom criteria)



Government Rebates

The Australian Greenhouse Office awards Renewable Energy Certificates (RECs) according to how much energy each Rinnai Solar system saves compared with a conventional electric water heater. The Federal Government legislation states that RECs are applicable when a solar system is installed in a new home or replaces an existing hot water system.

HANDY HINT

You may also be eligible for State Government rebates. To assist with the eligibility and calculation of rebates, we have produced an online calculator. Simply go to www.rinnai.com.au and click on the Solar Rebate Estimator icon.

The Environment

Gas is one of the most greenhouse friendly fuel sources available. By choosing a Rinnai gas boosted Solar System you can make a difference! Gas Boosted Solar hot water has substantial benefits and assists with the reduction of our carbon footprint. Solar systems are awarded Renewable Energy Certificates (RECs) based on measured environmental savings. Even electric boosted systems show considerable savings and are highly awarded RECs. Rinnai systems lead the way being amongst the highest in the industry.

BY THE WAY

Rinnai also offer Gas boosting as an alternative to Electric Systems. LPG boosters are available in area's where Natural Gas is not available. Ask your Rinnai Solar Specialist about the benefits of a Gas boosted system.

Warranty

Solar Hot Water Warranty		Solar Compatible Continuous Flow Water Heaters - models S20 and S26 and other models converted by Rinnai for Solar applications ⁽¹⁾⁽³⁾		Storage Cylinders		Solar Collectors	Components ⁽²⁾
		Heat Exchanger	All other components	Vitreous Enamel (Glass) Lined Sunmaster Range	Stainless Steel Prestige Range	Enduro (SP200A) (SP152) Equinox (SP200A FTC) Excelsior	
Domestic Use	Parts	10 Years	3 Years ⁽⁴⁾	5 Years	10 Years	7 Years	1 Year ⁽⁴⁾
	Labour	3 Years	3 Years	3 Years	3 Years	1 Year	1 Year

(1) The continuous flow models in this column are suitable only for solar hot water applications. Any failure or service issue when installed in a non solar hot water application is not covered by warranty. (2) Components include pumps, system controllers, sensors, thermostats, valves, electric heating elements and anodes where applicable. (3) Rinnai Infinity 26 Internal, HD200i, HD200e and HD250e models can be converted for solar applications by Rinnai by order request. (4) For Victorian installations only - 5 year warranty on the solar circulating pump, solar controller and components within the continuous flow water heater in order to comply with State legislation.

Please note:

For full definitions of Domestic use, along with the full conditions and exclusions, please refer to www.rinnai.com.au
Dimensions are subject to production tolerances and may vary slightly from those given.
Rinnai Australia Pty Ltd reserves the right to make modifications and change specifications without notice.



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For further information visit

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Dealer Details