



SOLAR

1 - 5

PEOPLE
(See Table)

160L

CAPACITY

5
YEAR

CYLINDER
COLLECTOR
(supply only)
WARRANTY⁵



DRAIN-BACK
TECHNOLOGY
- EXTREME WEATHER
PROTECTION

MODEL NO.
596160 shown with
20L/min booster

FEATURES

- **All weather applications** – with its dedicated, 'DRAIN-BACK' heat exchange design, the Premier Loline eliminates the risk of solar collectors freezing, even without power.
- **Compact split system** – with a compact 160L square tank design, combined with high performance roof mounted solar collectors, the Premier Loline fits neatly into most spaces.
- **Visual Appeal** – split systems only require slimline collectors to be mounted on the roof and feature a ground mounted tank.
- **Continuous hot water** – the Premier Loline provides the option of using either a 20L/min or 27L/min 6-star continuous flow gas booster to ensure you'll never run out of hot water. A 20L/min booster is available mounted on the tank or it can be installed remotely. The 27L/min booster is for remote installation only.
- **Supremely Efficient** – With all of its tank capacity available for solar heating, and 6 star efficient gas boosting, hot water energy consumption can be reduced by up to 55% to 70%^{1,2} for a two collector system.
- **Complies with regulations in all states** – No matter where you live, the Premier Loline is certified to comply with current water heating regulations in every Australian state.
- **Simpler installation** – much of the traditional installation components are factory fitted³, making it simpler to install.
- **Eligible for STCs⁴**
- **5 Year cylinder warranty⁵**

FROST PROTECTION

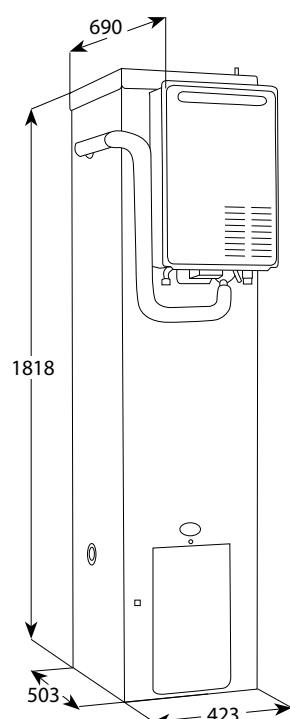
Specifically designed for environments prone to frost, the Rheem Premier® Loline incorporates Drain Back heat exchange technology to maximise solar gain and protect against all weather extremes. The Premier Loline replaces water in the collectors with a special heat exchange fluid with anti-freeze properties. The design is both safe and efficient, as fluid drains out of the collectors to prevent freezing and heat loss in cold conditions, and overheating in hot climates.



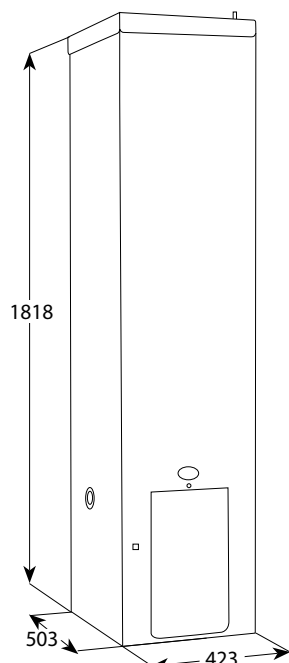
RHEEM PREMIER LOLINE 160L GAS BOOSTED SOLAR WATER HEATER

MODEL		596160/1T	596160/2NPT	596160/2LCS	590160/1T-G	590160/2NPT-G	590160/2LCS-G
Storage Capacity	L	160	160	160	160	160	160
Solar Collectors	T200	1	N/A	N/A	1	N/A	N/A
	NPT200	N/A	2	N/A	N/A	2	N/A
	LCS	N/A	N/A	2	N/A	N/A	2
Booster Type		Gas – Integrated	Gas – Integrated	Gas – Integrated	Gas – Remote	Gas – Remote	Gas – Remote
Gas Input (Max)	MJ/h	153	153	153	205	205	205
Boost Capacity	L	20L/min	20L/min	20L/min	27L/min	27L/min	27L/min
People Per Household		1-3	1-3	1-3	2-5	2-5	2-5
Specifications							
Weight Empty – Tank*	kg	112	112	112	93	93	93
Weight Full – Tank*	kg	277	277	277	258	258	258
Weight Empty – Solar Collectors	kg	48	72	72	48	72	72
Weight Full – Solar Collectors (with fittings)	kg	55	83	83	55	83	83
Weight - Continuous Flow Gas Booster	kg	16	16	16	24	24	24

* Weight of 596160 models includes booster

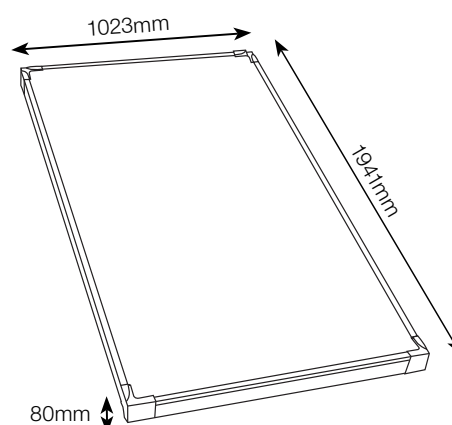


596160



590160

Solar collectors

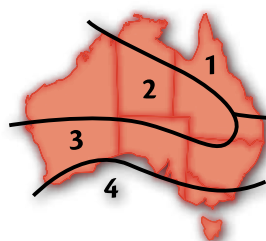


STCs

Small-scale Technology Certificates (STCs) are a financial benefit 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.**

To claim your STC entitlement, simply complete the STC Assignment form. Visit www.rheem.com.au/rebates to download the STC Assignment form.



¹ Energy reduction of up to 55% to 70% based on Australian Government Approved TRNSYS simulation modelling and apply when replacing a 3 star gas heater with a Rheem Premier Loline 160L 2 collector solar water heater.

² 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.

³ Only the 596 series models include a factory integrated 20L/min booster.

⁴ Eligibility criteria apply.

⁵ Warranty Conditions: solar tank – 5 years supply on cylinder and solar collectors, 3 years labour on cylinder, 1 year labour on solar collectors, 1 year supply and labour on other parts; continuous flow gas booster – 10 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. Conditions apply, see Rheem's warranty 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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