

VULCAN® VSi160

GAS BOOSTED SOLAR INDIRECT SYSTEM

PEOPLE
1-4

CAPACITY
160L

WARRANTY
5 years³

INSTALLATION
Outdoor



SOLAR



FROST
PROTECTION



THE ALL WEATHER FROST PROTECTED SOLAR SOLUTION

- Unique 'DRAIN-BACK' heat exchange technology – Protection in any weather extreme
- Compact 160L, split system design
- Single high performance solar panel
- Maximum solar efficiency – saves a minimum of 60% energy¹
- Continuous flow gas boosting
- Factory integration of major components – Allows for easy installation
- Great looking design

VSi160 shown with
20L/min booster



FORGED TOUGH

ALL WEATHER APPLICATIONS

With its dedicated, 'DRAIN-BACK' heat exchange design, the VSi160 eliminates the risk your solar panel will freeze, or get too hot, even without power.

NO competitor system can match this protection.

COMPACT SPLIT SYSTEM

With a compact 160L square tank design, combined with an ultra high performance roof mounted collector, the VSi160 fits neatly into any space.

CONTINUOUS HOT WATER

VSi160 provides the option of using the latest 20L/min or 26L/min continuous flow gas booster technology to ensure you'll never run out of hot water.

SUPREME EFFICIENT

With all of its tank capacity available for solar heating, and 5 star efficient gas boosting, hot water energy consumption can be reduced by at least 60%¹

COMPLIES WITH REGULATIONS IN ALL STATES

No matter where you live, the VSi160 is certified to comply with current water heating regulations in every Australian state.

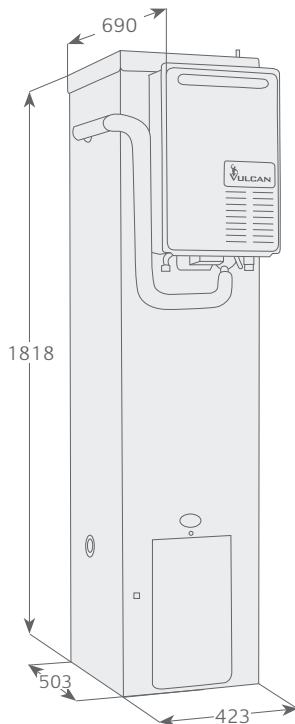
SIMPLE INSTALLATION

With much of the traditional installation components factory fitted², the VSi160 not only looks professionally finished, but is simple to install.

5 YEAR WARRANTY³

The VSi160 carries a 5 year warranty, backed by an Australia wide, in-house service network.

VSi160 DIMENSIONS



Storage Tank With Integrated 20L/min Gas Boost Shown

MODEL		696160/1T	6906160/1T-G
Storage Capacity	Litres	160	160
Solar Panel	T200	1	1
Booster Alternatives		Continuous Gas	Continuous Gas
Roof Space Required	m	1.3 x 2.0	1.3 x 2.0
Dimensions – Tank	H mm	1818	1818
	W mm	423	423
	D mm	690	503

Specifications

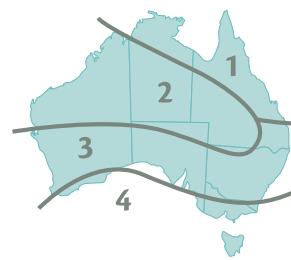
Weight Empty – Tank	kg	97	82
Weight Empty – Solar Panel	kg	36	36
Maximum Solar Panel Outlet Height	m	≤7.5	≤7.5
Pressure Temperature Relief Valve	kPa	1000	1000
Expansion Control Valve (ECV)	kPa	850	850
Maximum Supply Pressure	kPa	680 (800 with ECV)	680 (800 with ECV)

Water Connections

Inlet	RP	¾/20	¾/20
Outlet	RP	¾/20	¾/20
Solar Flow and Return Compression		DN15	DN15

Booster Specifications

Gas Booster Size		20L/min	26L/min
Fitment		Integrated	Remote
Suitable for No. of Bathrooms		1-2	2-3
Heating Rate	L/Min @ 25°C rise	20	26
Energy Rating	Stars	5.0	5.1
Gas Input (Max)	Mj/h	153	199
Gas Type		Natural or Propane	Natural or Propane
Gas Connection	RP	¾/20	¾/20
Water Connections	RP	¾/20	¾/20
Minimum Water Supply Pressure	kPa	140	140
Weight – Continuous Flow Gas Booster	kg	15	21
Dimensions	H mm	520	646
	W mm	350	350
	D mm	150	205



Zone 1	Zone 2	Zone 3	Zone 4
24	24	24	20

Renewable Energy Certificates (RECs) are a financial incentive to encourage the installation of solar water heaters provided under a Federal Government operated scheme.

Subject to ORER approval, the table shows the number of RECs the VSi160 is eligible for in each of the four zones across Australia. To claim your REC entitlement, simply complete the REC assignment form that can be downloaded from the Rheem website, www.rheem.com.au.

Other State Government rebates may apply.



FORGED TOUGH

¹ Savings of 60% are based on Victorian PIC approved TRNSYS simulation modelling in Zone 4. Savings will vary depending upon your location, type of system installed, type of water heater being replaced, hot water consumption and fuel tariff. ² Only the 20L/min boosted model comes integrated from the factory. ³ 5 year cylinder, collector(s), and electronic instantaneous heat exchanger, 3 year labour on cylinder and electronic instantaneous heat exchanger, 1 year parts including labour. *Conditions apply.