

# VULCAN® VS160

## GAS BOOSTED SOLAR WATER HEATER

PEOPLE  
1-4

CAPACITY  
160L

WARRANTY  
5 years<sup>2</sup>

INSTALLATION  
Outdoor

 SOLAR



VS160 shown  
with 18L/min  
booster  
attached

### THE AFFORDABLE SOLAR SOLUTION

- Single collector, split system design
- Endless energy efficient hot water
- Enhanced frost protection
- Simple to install
- Legendary Vulcan durability
- Eligible for REC's and Federal and State Government rebates\*

\*Conditions apply

  
**VULCAN®**

FORGED TOUGH

## SPLIT SYSTEM DESIGN

With only one compact sized roof mounted collector, and a 160 litre ground mounted tank, the VS160 can be located out of sight.

## CONTINUOUS FLOW GAS BOOSTER

Enjoy endless, efficient hot water from the standard 18L/min continuous flow booster, or additional hot water and pressure from an even larger capacity unit.

## ENHANCED FROST PROTECTION

Electronically controlled circulation of warmed water prevents frost damage... so smart, a patent is pending!

## EFFICIENT PERFORMANCE

With all of its tank capacity available for solar heating, and 5 star efficient gas boosting, energy consumption can be reduced by up to 60%<sup>1</sup>.

## NO HARD-WIRING REQUIRED

Thanks to its plug in design, the VS160 saves the additional cost of having an electrician on-site during installation.

## COMPLIES WITH REGULATIONS IN ALL STATES

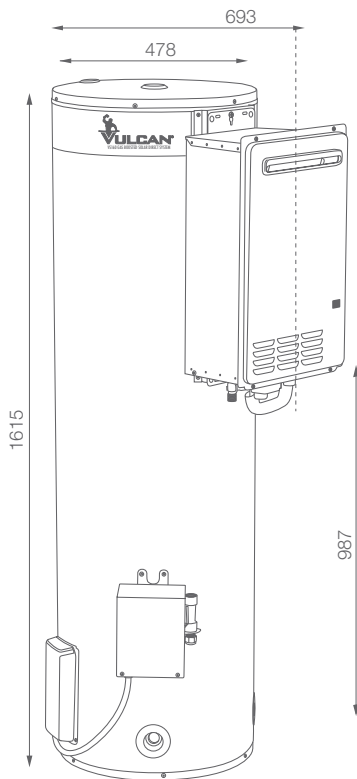
Regardless of where you build, the VS160 is certified to comply with current water heating regulations in every Australian state.

## INTEGRATED SOLAR CONTROLLER

Factory fitted, reducing both installation time and complexity.

## 5 YEAR WARRANTY<sup>2</sup>

Enjoy the peace of mind a comprehensive 5 year warranty provides.

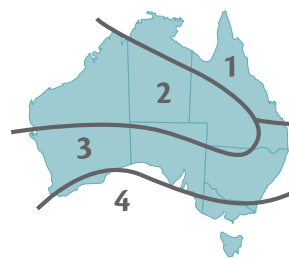


To find out more call 132 552 or visit [www.vulcan.com.au](http://www.vulcan.com.au)

<sup>1</sup> 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. <sup>2</sup> 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.

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| MODEL                                | 511160/1HBT-G        |                       |
|--------------------------------------|----------------------|-----------------------|
| Storage Capacity                     | Litres               | 160                   |
| Collector                            | HBT200               | 1                     |
| Booster Alternatives                 | Continuous Flow Gas  |                       |
| Roof Space Required                  | m                    | 1.3 x 2.0             |
| Dimensions – Tank                    | H mm                 | 1615                  |
|                                      | W mm (incl. booster) | 693                   |
|                                      | D mm                 | 478                   |
| <b>Specifications</b>                |                      |                       |
| Weight Empty – Tank                  | kg                   | 52                    |
| Weight Empty – Collectors            | kg                   | 36                    |
| Pressure Temperature Relief Valve    | kPa                  | 1000                  |
| Max. Element Rating                  | kW                   | 1.2                   |
| Expansion Control Valve (ECV)        | kPa                  | 850                   |
| Maximum Supply Pressure              | kPa                  | 800<br>(680 with ECV) |
| <b>Water Connections</b>             |                      |                       |
| Inlet                                | RP                   | ¾/20                  |
| Outlet                               | RP                   | ¾/20                  |
| Solar Flow and Return Compression    |                      | DN15                  |
| <b>Booster Specifications</b>        |                      |                       |
| Booster Alternatives Instantaneous   | 18L/min Gas          | 24L/min Gas           |
| Model                                | 874018               | 871024                |
| Suitable for No. of Bathrooms        | 1-2                  | 2-3                   |
| Heating Rate                         | L/Min @ 25°C rise    | 18 24                 |
| Energy Rating                        | 5.0 Stars            | 5.1 Stars             |
| Gas Input (Max)                      | Mj/h                 | 153 188               |
| Gas Type                             | Natural/Propane      | Natural/Propane       |
| Gas Connection                       | R ¾/20               | ¾/20                  |
| Water Connections                    | R ¾/20               | ¾/20                  |
| Minimum Water Supply Pressure        | kPa                  | 140 140               |
| Weight – Continuous Flow Gas Booster | kg                   | 18 21                 |
| Dimensions                           | H mm                 | 520 565               |
|                                      | W mm                 | 350 350               |
|                                      | D mm                 | 160 205               |



| 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 run scheme.

The table shows the number of RECs the VS160 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 Vulcan website, [www.vulcan.com.au](http://www.vulcan.com.au), and send to REC's administrator, Rheem Australia head office.



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