

NEW



VULCAN® FREELoader



GAS

4 STAR ENERGY RATING

135L & 170L

2-5 PEOPLE

5YR WARRANTY†



- **4 Star** energy efficiency
- Designed for Australia's tough conditions
- **5 Year Warranty**†
- **Mains Pressure** at multiple taps
- **135L and 170L models**
- Natural gas or Propane
- **Built to last** – steel jacket and enamelled steel cylinder
- National service back-up



VULCAN®

FORGED TOUGH

THAT'S VULCAN® VALUE

High quality and performance at a very affordable price. Three good reasons why Vulcan is such a popular choice for reliable water heating.

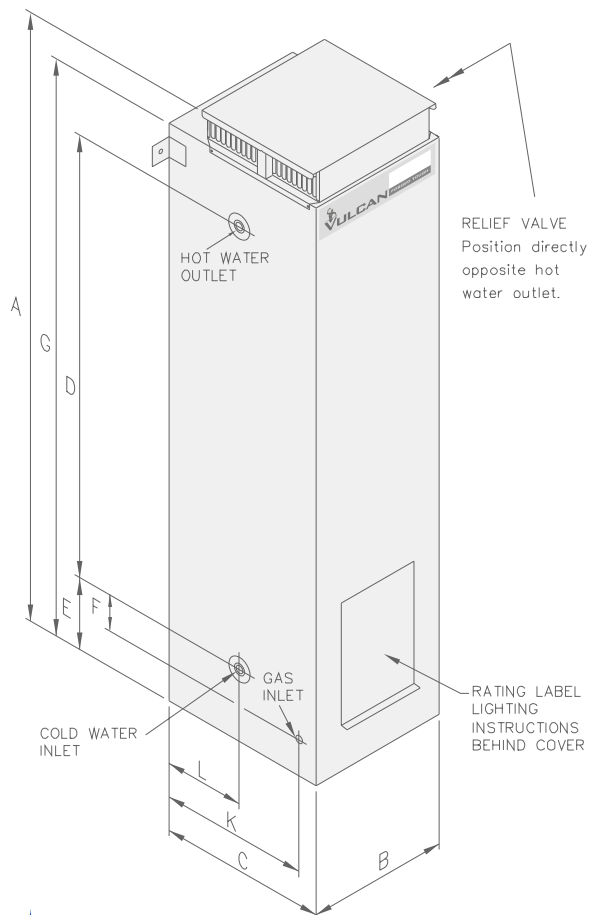
Vulcan is built with the best: Quality materials and leading technology make Vulcan ready for year after year of reliable hot water service.

Vulcan is tough: The Vulcan storage cylinder is made from specially formulated steel tough enough to withstand varying water and heating cycle pressures.

Vulcan is adaptable: The balanced flue and durable steel jackets make Vulcan gas models easy to install and easy to live with. They can be installed on an approved base against a wall or recessed into a wall cavity.

Vulcan has backup: If you need a spare part for your Vulcan it's good to know they are readily available across the country and can be serviced by most plumbers. The Vulcan Warranty† covers the cylinder for a full 5 years†. (A new water heater will be supplied in accordance with the terms of the warranty if the cylinder fails within 5 years†). Every Vulcan water heater also comes with a 12 month warranty† on parts and labour.

DIMENSIONS



| VULCAN FREELOADER 4 STAR GAS HOT WATER – Product data | | | | |
|---|----------------------|---------------------------------|---------|------|
| | | 648135 | 648170 | |
| No. of people – Moderate Climate | | 2-4 | 3-5 | |
| No. of people – Cool Climate | | 2-3 | 3-4 | |
| Warranty – Outdoor Only | | 5 Years† | | |
| Installation | | Outdoor Only | | |
| Gas Type | | Natural Gas/Propane | | |
| Hourly Gas Consumption Natural Gas | MJ | 27 | 27 | |
| Gas Energy Rating | | 4.3 Stars | 4 Stars | |
| Storage Capacity | Litres | 135 | 170 | |
| Recovery Rate | Litres/ Hour at 45°C | 113 | 113 | |
| First Hour Capacity | | 248 | 283 | |
| Dimensions | A | mm | 1558 | 1858 |
| | B | mm | 422 | 422 |
| | C | mm | 502 | 502 |
| | D | mm | 988 | 1213 |
| | E | mm | 328 | 403 |
| | F | mm | 298 | 298 |
| | G | mm | 1478 | 1778 |
| | K | mm | 473 | 473 |
| | L | mm | 208 | 208 |
| | Approx. Weight Empty | kg | 59 | 69 |
| Relief Valve Setting | kPa | 1400 | 1400 | |
| ECV Setting # | kPa | 1200 | 1200 | |
| Max. Supply Pressure | kPa | | | |
| | | With Expansion Control Valve | 960 | 960 |
| | | Without Expansion Control Valve | 1120 | 1120 |
| Water Connections (LHS) | | RP ¾/20 | RP ¾/20 | |
| Gas Connection | | RP ½/15 | RP ½/15 | |

Must be installed with the back of the water heater against a wall. Minimum distances from the flue terminal to openings into a building, corners and return walls apply. # ECV not supplied with water heater.

† **Warranty:** 5 years on cylinder, 3 years labour on cylinder. 1 year on parts and labour. For full details contact your nearest Vulcan distributor.

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