

“VR004-1022”

The VR004 is designed to refuel Mini Excavators and small diesel powered plants easily, safely, and with less risk of spillage. For tank sizes up to 40 litres.

The clean way to refuel lightweight plant.

Features & Benefits

- Self priming
- Compact and easy to install
- Fitted with a switch and fuse
- Heavy duty
- Tolerance of dry running

Model Range

Part Number	Description
VR004-1022	Mini Diesel pump 4.0 L/m 12V
VR004-1022K	Mini Diesel pump kit 4.0 L/m 12V – inc. hose, clips, foot valve

Part Number	Description
VRH010-0200	Diesel hose 10mm bore x 2 metres long
X5152-003B	Hose clips
23719-0000B	Foot valve with strainer
92005-6005	Spare fuse
X5200-017	Strainer spare



Specifications

- Up to 4 Litres per min @ open flow
- Use with 12 V dc supply
- Self priming up to 0.75 metres
- 15 minutes duty time
- Maximum head of 5 metres
- Temperature range +4°C to +43°C
- IP 55 compliant

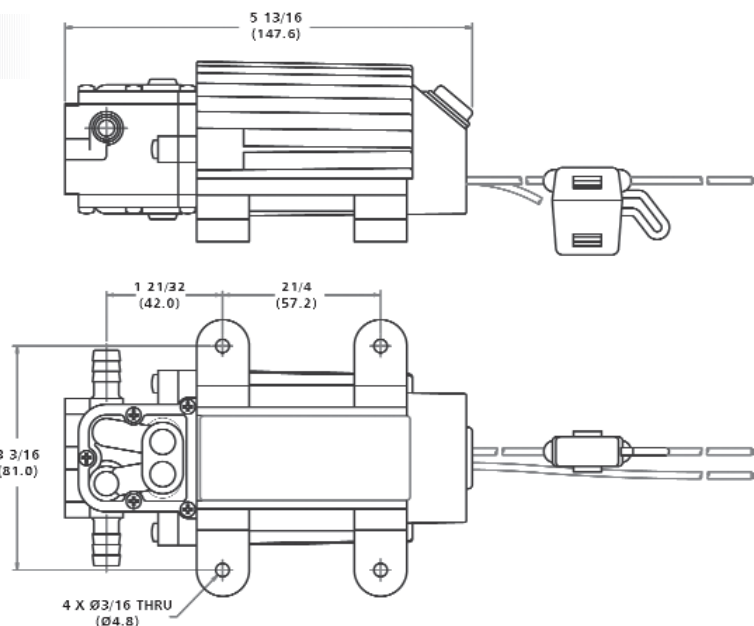
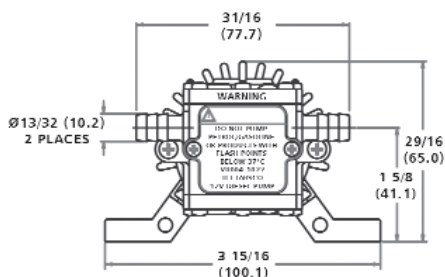
Typical Applications

- Suitable for fitting to the following Diesel powered equipment: Mini Excavators, cement mixers, rotavators, generators.
- Suitable for Diesel fuel, Kerosene, Paraffin, light hydraulic oils up to 150 Centistokes (750 Saybolt Universal) viscosity and fluids with a flashpoint above 37°C. (do not use for petrol)
- Designed for use with 25 and 50 litre containers.
- 12 Volt connection.



Dimensional Drawing

Unless otherwise stated dimensions in [] are in mm.



Installation & Operating Instructions

Mounting

- The Jabsco VR004 Diesel refuelling pump can be mounted on any surface in a vertical or horizontal position. If vertical the motor should be uppermost. Protect from weather, sunlight and heat. The pump is self priming and will prime diesel up to 0.75m (2.5 ft).

Plumbing connections

- Diesel resistant 10mm (3/8") bore hose part number VRH010-0200 should be fitted to the suction and discharge ports. This should be secured using clips Part Number X5152-003B. We recommend a foot valve and strainer is connected to the suction hose.

Electrical

- A 12V dc power supply must be available suitable for up to 5 amps and a wire size of at least 18 AWG (0.82mm²) should be used for lengths up to 3 metres.

The power cables are coloured red +ve and black -ve.

Operation

- Uncoil discharge hose and insert securely in tank filler.
- Uncoil suction hose and insert in can or drum of Diesel making sure it is fully submerged.
- Switch on pump to start fuel transfer.
- Take care not to over fill the tank.
- Once refuelling is complete remove the suction hose from the drum allowing any drips to subside, ensure any residue is wiped before storage.
- Remove discharge hose from the filler neck empty any residue into the drum and store away hose.

Safety

Do not pump petrol, gasoline or any liquids with a flashpoint lower than 37°C.

This product is not explosion proof.

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