

Compact Automatic Demand Water Pump - 12v DC

Part No: WTPump12v

Outline:

This pump is intended for use in 4WD and other RV applications in conjunction with a BOAB poly water tank.

The pump incorporates an automatic pressure demand switch such that the pump will commence when a tap is opened and turn off when the tap is closed. Alternatively the pump can be connected to an open hose and a suitable 12v switch used to turn the flow On/Off.

Installation:

Mount the pump in a suitably protected location between the tank outlet and the tap location. The pump can be mounted at any angle or position. Mount the pump close to the tank as the pump will “push” water much further than “draw” water. Screw or bolt the pump using the 4 x rubber feet to ensure the quietest operation. Ensure the pump has room to vibrate a little in operation (if the pump is touching a hard surface it will make more noise)

Using 3/8” ID hose suitable for suction and pressure to 35PSI, connect between the tank outlet, pump and tap/outlet location. **NOTE: The pump body is marked with a direction arrow to show the flow through the pump.**

Electrical Connection: (only suitably qualified personnel should undertake electrical connections)

Mount a 12v switch in a convenient location so the pump can be isolated when not in regular use. Using a minimum of 3mm automotive cable and a 10amp fuse, connect from the vehicle battery to the switch then to the red wire on the pump. Connect the green wire on the pump to vehicle ground (earth).

Operation:

If using in automatic mode, the pump may run for a short while after the tap is closed. The automatic switch located under the end cover has a small amount of adjustment if the pump does not shut On/Off as desired. Remove the end cover screw and adjust the internal screw no more than ¼ turn and test again.

WARNING: Whilst the pump is automatic and is designed to run dry without damage, the power switch to the pump should be turned off if the vehicle is to be left unattended for longer periods of time.

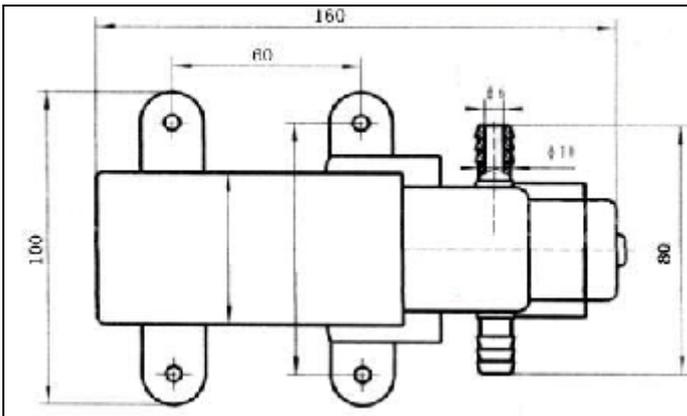
Features:

- Self Priming to 1 metre lift
- Low noise
- Built in Thermal Protector
- Automatic demand On/Off
- Can run dry without damage
- Rubber mounting feet
- 12 Month Warranty

Specifications:

- Diaphragm pump (not metal to water contact)
- 12 v DC 2.5amp (peak) Pumps at around 1 amp
- 3.8 litres per minute – Open Flow. Flow rate will vary depending on hose size/length, drawing height and supply voltage
- Intermittent Duty Cycle
- Max water temperature of 54⁰ C
- Hose barb connections suit 3/8” ID hose

Dimensions:



Height: 60mm

Mounting Hole Centres: 60mm x 75mm

Weight:

650 gm (net weight)
 730 gm (packed weight)

Carton size:

200x110x65 mm