

### Description

The 51002 12 volt & 51003 24 volt electric drum pumps are designed for the transfer of diesel fuel. The pumps are powered by a heavy-duty 12 volt or 24 volt motor & come complete with a plastic telescopic downtube. The pumps have 3/4" BSP porting and can deliver diesel fuel at up to 38 litres per minute. The manual nozzle can be locked in the open flow position if required. Models 51002A and 51003A are inclusive of an Automatic shut off nozzle. Both models incorporate a built in bypass, 4 metres of delivery hose, a nozzle holster, a bung adaptor and 4 metres of battery cables.

### Specifications

Uses	Diesel Fuel transfer
Voltage	12 Volt D.C. / 24 Volt D.C.
Current Drain	Approx 18 Amps at 12 VDC. / Approx 10 Amps at 24VDC.
Delivery Rate	Up to 38 Litres per minute
Weight	Approx 10 kg

### Assembly Procedure Instructions

- 1 Connect the telescopic suction tube to the pump body ensuring that you connect the suction tube to the pump inlet as indicated by the arrow.
- 2 Then connect the hose assembly to the manual on/off or automatic shut off fuel nozzle.
- 3 Connect the hose and nozzle assembly to the pump and motor assembly ensuring that there are no leaks by using suitable thread tape.
- 4 Mount the nozzle holster to the pump with the aid of the screw set that accompanies the pump.
- 5 Connect the battery cables with the aid of the heavy-duty alligator clamps to a 12 (or 24V model) volt battery.
- 6 Turn on the intended power source.
- 7 The pump motor will start to drive the vane pump head and when you open the nozzle, diesel fuel should start to flow from the fuel nozzle.
- 8 When not in use, please store fuel nozzle in nozzle holster to ensure no contaminants can enter the fuel nozzle.

### Important to note:

The 51002/A and 51003/A diesel refueling drum pumps have a duty cycle of 30 minutes. If you run the pumps for longer than 25 minutes it is likely that the motor will burn out. Please note that running the pumps for 30 minutes or more (which enables the transfer of 1140 litres of diesel fuel) **will automatically void the manufacturers warranty.**



