

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



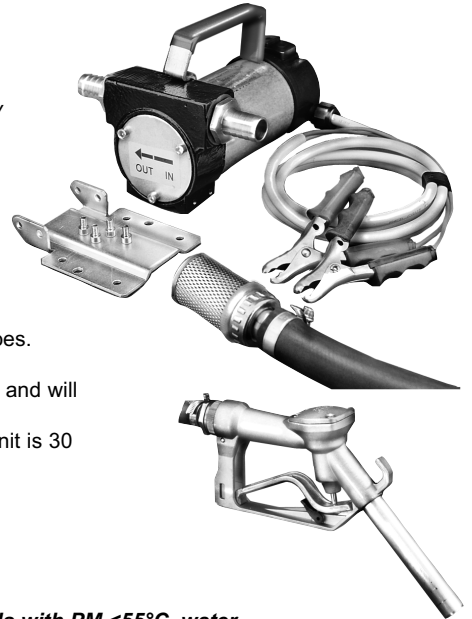
IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND ONLY FOR ITS INTENDED PURPOSE. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

SPECIAL FEATURES & REQUIREMENTS

These electric pumps with battery clips are suitable for filling diesel vehicles "in-the-field", where access to power sources is prohibited. The self priming unit is connected to an appropriate voltage DC power supply with the battery clips, when it will generate 2800 rpm, capable of pumping 40 litres of diesel a minute. We do not recommend any other use for this pump.

1. SAFETY INSTRUCTIONS

- ✓ Maintain the pump in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. *Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.*
- ✓ Keep the pump clean for best and safest performance.
- ✓ Ensure the power supply (vehicle battery) corresponds with the requirements of the pump. TP96 12Volt, TP9624 24Volt DC power supply.
- ✓ Ensure that there is more liquid in the suction tank than will be pumped.
- ✓ Ensure that the capacity of the receiving tank is sufficient to hold the pumped fuel.
- ✓ Wear safety goggles and gloves, and protective clothing when working around fuel. A full range of personal safety equipment is available from your local Sealey dealer.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non slip shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- ✗ DO NOT 'dry run' the pump without fuel. This will damage the pump's internal components and will invalidate your warranty.
- ✗ DO NOT operate the pump continuously for more than 30 minutes. The duty cycle of the unit is 30 minutes, after which the motor must be left to cool down.
- ✗ DO NOT run the unit for more than 2-3 minutes with the delivery nozzle closed.
- ✗ DO NOT start or stop the pump by connecting or disconnecting the battery clamps.
- ✗ DO NOT operate the pump with wet hands.
- ✗ DO NOT use the pump where explosive or flammable vapours may be present.
- ✗ DO NOT tamper with the pump connections.
- **WARNING!** DO NOT use the unit to pump the following fluids: **Petrol, inflammable liquids with PM <55°C, water, alimentary liquids with viscosity >20 cSt., corrosive chemicals and solvents.**



2. ASSEMBLY

- **WARNING** Use the threaded fittings provided for connecting the suction and delivery tubes to the inlet and outlet ports of the pump. Do not substitute conical fittings as they will damage the seats on the pump casing.
- 2.1. Before using the pump, unpack all materials and inspect the pump unit for damage.
- 2.2. Connect the unit to appropriate voltage battery and ensure the motor will run up freely, this can be done before connecting hoses.
- 2.3. A mounting bracket is supplied which can be attached to the lower end of the inlet/outlet casting using the socket cap screws provided. The pump can be mounted in either a horizontal or a vertical axis. Ensure that the pump is mounted so that the on/off switch is visible and readily accessible.
- 2.4. Attach the handle to the upper part of the inlet/outlet casting using a single socket cap screw.
- 2.5. The hose is supplied in a single length and should be cut in two to make the suction and delivery hoses. Review your installation site to decide on the lengths required and cut the hose accordingly.
- 2.6. Push the filter attachment into one end of the suction hose and secure it with one of the worm drive clips supplied. Insert one of the smaller ribbed fittings into the other end of the tube and secure it with a worm drive fitting. Identify the inlet port by means of the flow arrow on the top of the inlet/outlet casting and then attach the hose to the inlet port.
- 2.7. Insert the larger ribbed hose fitting provided into one end of the delivery hose and secure it with a worm drive clip. Attach the delivery nozzle to this larger fitting. Insert one of the smaller threaded fittings into the other end of the delivery tube and secure with a worm drive clip. Attach the delivery hose to the outlet port on the pump body.

3. USING THE APPLIANCE

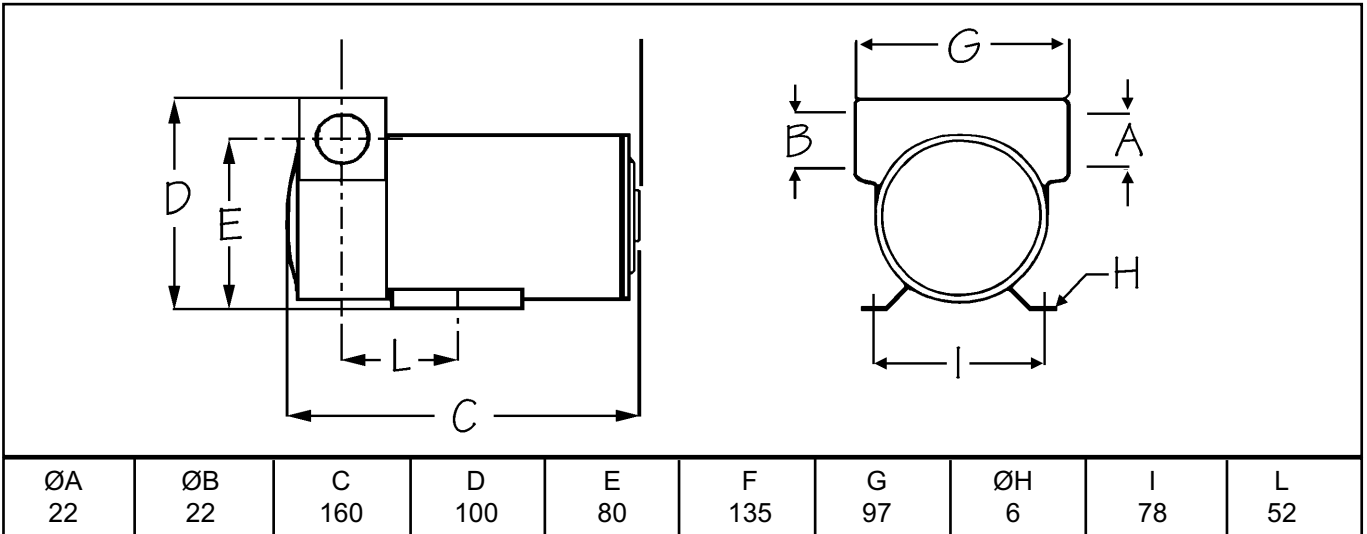
WARNING! Check to ensure you are connecting your pump to the correct voltage power supply for model.

- 3.1. Before each use, clean the inlet and outlet ports. Remove any dust or packing material that may have collected during transport or between uses.
- 3.2. Lower the suction tube (with filter attached) into the fuel storage tank.
- 3.3. Place the delivery nozzle in the fuel tank of the vehicle.
- 3.4. Attach the **red** battery clamp to the **positive (+)** terminal of the vehicle's battery, and the **black** clamp to the **negative (-)** terminal.
- 3.5. Before turning the pump on, be sure that the delivery nozzle is in the 'OFF' position.
- 3.6. Turn the switch 'ON'. The pump is capable of operating with the delivery nozzle closed for 2-3 minutes maximum.
- 3.7. Grip the nozzle firmly and squeeze the trigger to begin transferring fuel.
- 3.8. Release the trigger to stop the fuel flow when the transfer is complete.
- 3.9. Turn the pump switch 'OFF'.

The fuel pump may switch off automatically if there is insufficient voltage or a fault in the electrical connection. If this happens, release the trigger handle, keeping the nozzle in place, and turn the pump switch off. Investigate the cause of the interruption.

4. MAINTENANCE

- 4.1. Check the pump casing, suction and delivery tubes regularly for leaks.
- 4.2. Keep the pump clean for easy detection of leaks.
- 4.3. Remove and clean the filter every 10 hours of operation or sooner if the transfer flow begins to decrease.
- 4.4. Dispose of environmentally hazardous parts in the proper manner.



5. PERFORMANCE DATA

CONDITION	DELIVERY (l/min)	BACK PRESSURE (bar)	SUCTION (bar)
BY-PASS	0	1.1	/
MAX BACK PRESSURE	27	0.8	0.3
MAX DELIVERY	40	0.1	0.3

Model TP96

Pump power . . . 12 Volts (22 Amps, 140 Watts).
 Fuse 25 Amps.
 Duty cycle 30 minutes

Model TP9624

Pump power . . . 24 Volts (13 Amps, 160 Watts).
 Fuse 15 Amps.
 Duty cycle 30 minutes

Performance Data given is for the transfer of diesel fuel at 20°C. The conditions indicated are as follows:

- 5.1 **By-Pass** - The pump operates in this mode when the delivery is closed and the internal by-pass valve automatically opens. The pressure indicated is constant regardless of the type of delivery systems. **Note that the unit can only operate in this condition for a maximum of 2 to 3 minutes.**
- 5.2 **Maximum Back Pressure** - These values are given for the maximum back pressure allowed with the by-pass valve closed. Higher back pressures will cause the by-pass valve to open and reduce delivery volume. The back pressure should not exceed the value given during normal operation.
- 5.3 **Maximum Delivery** - These values indicate the lowest back pressure and greatest delivery volume possible at once. Note that with a vacuum at the point of suction, the pump will not operate when the vacuum reaches 0.7 bar. A vent will be required to operate further. the pressure and vacuum can be read on the pressure gauges located near the orifices of the pressure and vacuum hoses.

<p>Declaration of Conformity We, the sole importer into the UK, declare that the products listed below are in conformity with the following EEC standards and directives</p> <div style="border: 1px solid black; padding: 5px;"> <p>Diesel/Fluid Transfer Pump Models TP96 & TP9624</p> <p>73.23/EEC Low Voltage Directive (S.I. 1994/3260)</p> <p>89/336/EEC EMC Directive (S.I. 1992/2372 & Amendments)</p> <p>93/68/EEC CE Marking Directive</p> </div>	<p>CE The construction files for these products are held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd.</p> <p>Signed by Mark Sweetman 1st July 1999</p> <p><i>For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.</i></p>	
---	---	--

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this equipment

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: Call us for a copy of our latest catalogue on 01284 757525 and leave your full name and address including your postcode.

	<p>Sole UK Distributor Sealey Group, Bury St. Edmunds, Suffolk.</p>	Web www.sealey.co.uk
--	--	---

01284 757500	01284 703534	sales@sealey.co.uk
---------------------	---------------------	---------------------------