

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 & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer.

You must also read and understand the following instructions concerning electrical safety.

1.1.1. The **Electricity at Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.

1.1.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. **If in any doubt about electrical safety, contact a qualified electrician.**

1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.

1.1.4. Ensure that cables are always protected against short circuit and overload.

1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.

1.1.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.

1.1.7. **DO NOT** pull or carry the appliance by the power cable.

N.B: Sections 1.1.8 to 1.1.10 inc refer to TP99230 only.

1.1.8. **DO NOT** pull the plug from the socket by the cable.


1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When an ASTA/BS approved UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely.** Fit a new plug according to the following instructions (UK only).

a) **Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.**

b) **Connect the BROWN live wire to the live terminal 'L'.**

c) **Connect the BLUE neutral wire to the neutral terminal 'N'.**

d) **After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.**

Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only.

To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.

1.1.10. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable.

1.2. GENERAL SAFETY

WARNING! Ensure health & safety, government and local authority regulations relating to the transfer of AdBlue® are adhered to when using this equipment. Familiarise yourself with the pump's applications and limitations, and specific potential hazards peculiar to the pump.

WARNING! These pumps are designed for use with urea and aqueous media only. **DO NOT use for petrol or similar explosive liquids.**

DANGER: The electric pump is not protected against explosion and should therefore not be operated in areas where there is a risk of explosion.

WARNING! Disconnect the pump from the mains or battery power before demounting, servicing or performing any maintenance.

✓ Maintain pump in good condition (use authorised service agent). Drain pump and pipes before dismantling.

✓ Maintain correct balance and footing when installing and using the pump. Ensure the floor is not slippery and wear non slip shoes.

✓ Ensure the transfer area is free of clutter and has adequate lighting.

✓ Ensure that the voltage of the pump matches the voltage of the supply.

✓ Keep children and unauthorised persons away from the working area.

✓ Replace/repair damaged parts. Use genuine parts. Unauthorised parts are dangerous and will invalidate warranty.

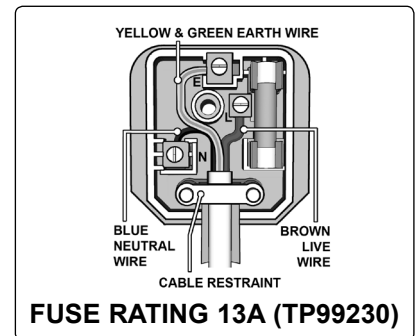
x **DO NOT** use the pump without the delivery nozzle attached.

x **DO NOT** start or stop the pump by switching on or off at the mains power supply. or disconnecting from battery.

x **DO NOT** operate the unit with wet hands. We recommend use of chemical resistant gloves and goggles.

x **DO NOT** run the pump dry. If this occurs the pump could be damaged and your warranty will be invalidated.

IMPORTANT: It is the installer's responsibility to ensure that all supply pipes, fixtures and fittings are adequate for the safe flow of liquid urea.



2. INTRODUCTION & SPECIFICATIONS

Electric 12V or 230V membrane pump specifically designed for the distribution of AdBlue®. Self-priming unit provides a flow rate of up to 40ltr/min. Supplied with 4mtr hose, manual delivery nozzle and battery clips (12V) or BS approved plug (230V). All materials and seals used in these pumps are suitable for use with AdBlue®.

Model No:	TP9912	TP99230
Voltage:	12V dc	230V ac
Speed:	2800rpm	2900rpm
Current:	18A	2A
Power:	260W	370W
Duty Cycle:	30min/hr	Continuous
Flow Rate:	40ltr/min	40ltr/min

3. INSTALLATION & ASSEMBLY

- 3.1. Attach the feet of the pump unit to a stable surface using 4 suitable screws or bolts (not supplied).
- 3.2. Remove blanking plugs from suction (fig.1.B) and delivery (fig.1.D) ports and push hoses (figs.1.A and 1.C) onto the connectors, first placing a loose hose clip over the hose. Note: the flow direction is marked on the pump.
- 3.3. Tighten the hose clips onto the hoses.
- 3.4. Immerse the suction strainer in the AdBlue® container.
- 3.5. Connect to the appropriate electric power supply by means of battery clips (TP9912) or mains plug (TP99230).

SITE INSTALLATION. It is the responsibility of the owner of the equipment to ensure that the siting of the AdBlue® container and the installation and operation of the pump is carried out in such a way as to prevent any leakage which could contaminate water courses or drinking water for people or animals. The owner should liaise with local authorities, health and safety and water authorities to ensure that the installation is safe.

fig.1

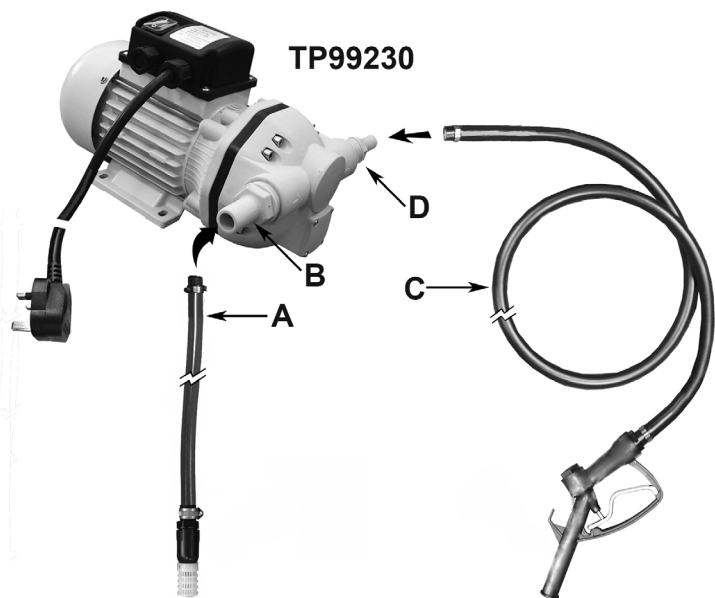


fig.2



4. OPERATION

These pumps, being of positive displacement design, do not require priming. When first used, there will be a slight delay as air is cleared from the system.

- 4.1. To operate: switch the pump motor on using the rocker switch above the motor (O="OFF", I="ON"). The motor will start.
- 4.2. Place the nozzle in the AdBlue® vessel to be filled and squeeze the delivery trigger (fig.2.A).
- 4.3. If using the latch (fig.2.B), use with care as there is no automatic cut-off fitted to the nozzle.
- 4.4. When delivery is complete, release the delivery trigger: delivery will stop but the pump will continue to run.
- 4.5. Turn the pump off using the rocker switch. To avoid damage **DO NOT** run the pump with no delivery for longer than necessary. **IN NO CIRCUMSTANCES** run in this state for more than 3 minutes.
- 4.6. Store the nozzle so as to prevent spillage of urea into the environment.

5. MAINTENANCE

- 5.1. The pump has been designed for low maintenance. Should any problems occur return the unit to your local Sealey dealer.
- 5.2. Clean the entire installation and inspect all piping connections for leaks. Rectify any damage immediately.
- 5.3. Inspect the filter at the end of the suction tube every time the tank is refilled. Clean if necessary.



Environmental Protection.

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.



WEEE Regulations.

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment. When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

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 product.

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

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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