



INSTRUCTIONS FOR:

## SUBMERSIBLE WATER BUTT PUMP 50ltr/min 230V

MODEL No: **WPB50A**

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 owner's responsibility to read, understand and comply with the following:**

You must check all electrical equipment and appliances to ensure they are safe before using. You must inspect power supply leads, plugs and all electrical connections for wear and damage. You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We also recommend that an RCD (Residual Current Device) is used with all electrical products. It is particularly important to use an RCD together with portable products that are plugged into an electrical supply not protected by an RCCB. If in 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 the appliance and the safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**

1.1.3. Ensure the insulation on all cables and the product itself is safe before connecting to the mains power supply. The pump and cable are designed for submerging in water and as such must not be tampered with (if in doubt, contact a qualified electrician).

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

1.1.5. Regularly inspect power supply leads, plugs and all electrical connections for wear and damage, especially power connections, to ensure that none is loose.

1.1.6. **Important:** Ensure the voltage marked on the product is the same as the electrical power supply to be used, and check that plugs are fitted with the correct capacity fuse. A 13 amp plug may require a fuse smaller than 13 amps for certain products, see fuse rating at right.

1.1.7. **DO NOT** pull or carry the appliance by its power supply lead.

1.1.8. **DO NOT** pull power plugs from sockets by the power cable.

1.1.9. **DO NOT** use worn or damaged leads, plugs or connections. Immediately replace or have repaired by a qualified electrician. A U.K. 3 pin plug with ASTA/BS approval is fitted. In case of damage, cut off and fit a new plug according to the following instructions (discard old plug safely).

(UK only - see diagram at right). **Ensure the unit is correctly earthed via a three-pin plug.**

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

b) **Connect the BROWN live wire to 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.**

1.1.10. Only allow the minimal amount of pump cable to enter water or wet areas. The electrical cable is designed for use in water and must not be substituted. If damaged contact a qualified electrician.

1.1.11. **Extension cable use. Only use a cable designed for use with water equipment. Contact your dealer or a qualified electrician for advice. Ensure water is kept clear of electrical mains power supply. DO NOT touch switch or plug with wet hands.**

#### 1.2. GENERAL SAFETY

**WARNING!** Pump must be used in accordance with Health & Safety, government, local authority, and water authority rules and regulations.

✓ Familiarise yourself with application and limitations, as well as the specific potential hazards peculiar to the pump.

**WARNING!** Disconnect the pump from the mains power before changing accessories, servicing or performing any maintenance.

✓ Maintain the pump in good condition (use an authorised service agent). Keep the pump clean.

✓ Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*

✓ Only use for pumping clean cold or warm water (**NOT** exceeding 35°C).

✓ If the bottom of the water container is covered with sludge, sand, gravel or mud etc, suspend the pump or place it on a raised base to operate above the solid matter. Sand and such substances will reduce working life of pump, and invalidate your warranty..

x **DO NOT** operate the pump if any parts are damaged or missing as this may cause failure and/or possible personal injury.

x **DO NOT** use the pump for any purpose other than that for which it is designed.

x **DO NOT** use to pump chemicals, fuels or salt water.

x **DO NOT** insert hands into the mouth of the pump as this could lead to injury.

x **DO NOT** use to pump septic tanks or settling pits. **DO NOT** pump any liquids other than water.

x **DO NOT** operate the pump out of water. The pump pick up area must be completely submerged during operation.

x **DO NOT** exceed the maximum submersible depth (see specifications: Max. Water Depth).

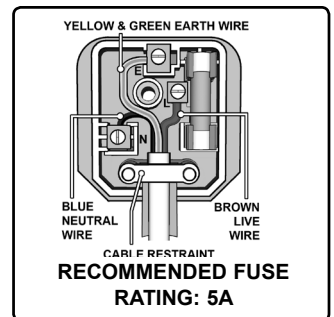
x **DO NOT** operate the pump during freezing temperatures. **DO NOT** leave the pump in water that may freeze.

x **DO NOT** use for pumping sea water or inflammable, corrosive, explosive or dangerous liquids.

x **DO NOT** carry the pump by its electrical cable, or its outlet pipe. Use the handle only.

✓ When not in use, switch off pump and remove plug from power supply. Rinse pump, drain out any water and store in a frost free, safe location.

**WARNING! DO NOT allow uncontrolled discharge of contaminated water which would pollute the environment.**



## 2. INTRODUCTION & SPECIFICATIONS

Manufactured from corrosion resistant materials with a stainless steel motor case and noryl base cover. Ideal for pumping water straight from a water butt directly onto your garden. Supplied with a two piece aluminium swan neck extension pipe, adjustable flow control feature and snap on connector.

### SPECIFICATION:

Model No:	WPB50A
Cut-out:	Automatic
Outlet O/D:	19mm
Maximum Output:	50ltr(13gal)/min
Maximum Head:	10mtr
Minimum Water Depth:	.50mm
Maximum Particle Size:	0.5mm
Motor Power:	350W
Supply:	.230V



## 3. ASSEMBLY

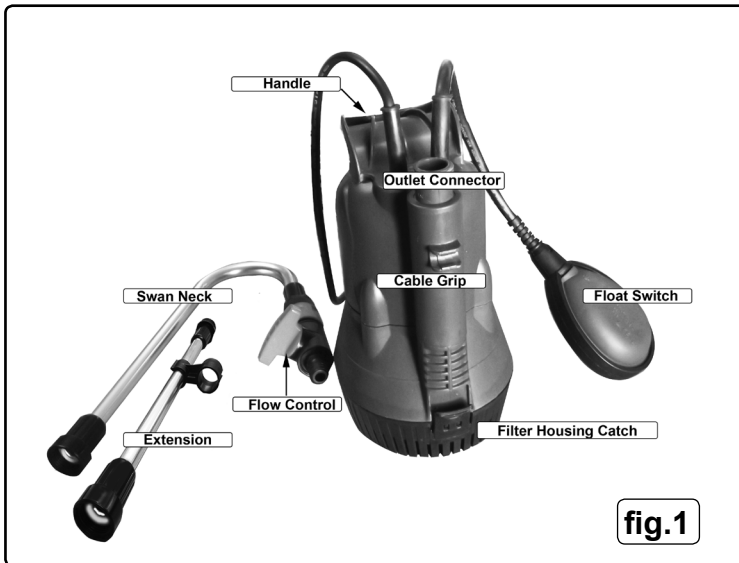


fig.1



fig.2



fig.3

- 3.1. **DO NOT** connect to the mains supply until the pump is immersed in the water butt.
- 3.2. Screw the extension into the swan neck, then screw the assembly onto the outlet connector. (fig.1)
- 3.3. Clip the float switch flex into the grip on the back of the pump unit (fig.2) allowing the float switch to rise and fall freely.
- 3.4. The pump cut-off point may be altered by clipping the float switch flex to the grip fitted on the extension (fig.3), allowing the float switch to operate at a higher water level relative to the pump.

## 4. OPERATION

- 4.1. Place the pump unit in the water butt.
- 4.2. The pump must be installed and used in an upright position.
- 4.3. If silt is present on the bottom of the butt, place the pump on a brick so as to lift the base of the pump clear. This will protect the pump from ingesting debris.
- 4.4. Connect hose pipe to the swan neck using a suitable female snap connector.
- 4.5. Connect the pump to the mains power supply; provided sufficient water is present to activate the float switch, the pump will now run.
- 4.6. The output volume can be controlled by means of the flow control fitted to the snap connector. Maximum flow is achieved with the handle of the valve in line with the pipe. Flow is stopped with the handle at 90° to the pipe.
- 4.7. The float switch is provided to protect the motor from dry running and consequent overheating; it is not intended as an on/off switch.
- 4.8. If the water flow is controlled by a cut-off device fitted to the hose end, be aware that stopping the water flow will not stop the pump. No damage will accrue if the flow is stopped for short periods, but avoid prolonged running in this condition.
- 4.9. The pump is not continuously rated: **DO NOT** run for more than 30minutes continuously, and allow 10minutes cooling at the end of this time.

## 5. MAINTENANCE

- WARNING! With the exceptions listed below, all pump, float and electrical cable service maintenance and repair must only be undertaken by an authorised service agent. Failure to observe this rule may be dangerous and will invalidate the warranty.**
  - WARNING! Ensure the pump is disconnected from the mains power supply before attempting any service or maintenance.**
- 5.1. Keep all parts of the pump clean. Rinse, drain and allow to dry before storing the pump.
  - 5.2. Regularly check the inlet filter in the base of the pump to ensure that there are no blockages. To access the filter, undo the filter housing catch (fig.1) and remove the filter housing. Remove the circular foam filter element and wash in warm water. Replace the filter and refit the housing onto the pump inlet.  
**DO NOT** dismantle any other part of the unit.

TROUBLESHOOTING		
a. Motor operates but there is no suction.	<ol style="list-style-type: none"> <li>1. Water level below min suction depth.</li> <li>2. Air bubbles in pump accumulated during submersion, or float is incorrectly positioned so pump does not stop at minimum level and sucks in air.</li> <li>3. Clogged intake filter or discharge pipe.</li> </ol>	<ol style="list-style-type: none"> <li>1. Stop the pump.</li> <li>2. Release air by inclining the pump and re-immersing it in water.</li> <li>3. Remove blockage, and clean the unit.</li> </ol>
b. Reduced water volume for level of water	<ol style="list-style-type: none"> <li>1. Flow Control closed too far.</li> <li>2. Discharge pipe too narrow.</li> <li>3. Filter partially blocked.</li> </ol>	<ol style="list-style-type: none"> <li>1. Open Flow Control</li> <li>2. Use wider diameter pipe.</li> <li>3. Clean filter</li> </ol>
c. The pump will not start or suddenly stops during operation.	<ol style="list-style-type: none"> <li>1. No electrical power.</li> <li>2. Float not working.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check cable, plug and fuse.</li> <li>2. Contact authorised service agent.</li> </ol>

**NOTE:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

#### 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.

**Parts support is available for these products. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or phone 01284 757500.**

**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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