



SURFACE MOUNTING WATER PUMP

MODEL NO: WPS060.V2

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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

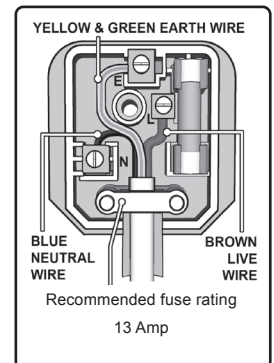


Refer to
Instruction
Manual

1. SAFETY

1.1. ELECTRICAL SAFETY

- WARNING!** It is the user's responsibility to check the following:
Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products. You may obtain an RCD by contacting your local Sealey stockist.
if the pump is used in the course of business duties, it must be maintained in a safe condition and routinely PAT (Portable Appliance Test) tested.
Electrical safety information, it is important that the following information is read and understood.
- 1.1.1. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- 1.1.2. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
Important: Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.
- × **DO NOT** pull or carry the appliance by the power cable.
- × **DO NOT** pull the plug from the socket by the cable.
- × **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or replaced immediately by a qualified electrician.
This product is fitted with a BS1363/A 13 Amp 3 pin plug.
If the cable or plug is damaged during use, switch the electricity supply and remove from use.
Ensure that repairs are carried out by a qualified electrician.
Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician.
 - 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'.Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight.
Sealey recommend that repairs are carried out by a qualified electrician.



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 the application, limitations and potential hazards peculiar to the pump.
- WARNING!** Disconnect the pump from the mains power before 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 cold or warm water (**NOT** exceeding 35°C).
- ✓ If used in situations of possible flooding, user is responsible for installing appropriate back up procedures, alarms etc. in case of pump failure.
- ✓ If used with swimming pools, fish ponds, etc., ensure areas are clear of people and animals (including removal of fish from ponds). Note that this pump is not designed for continuous use in a fish pond or similar water feature or display.
- × **DO NOT** operate the pump if any parts are damaged or missing as this may cause failure and/or possible personal injury.
- × **DO NOT** use the pump for any purpose other than for which it is designed.
- × **DO NOT** use to pump chemicals, fuels, fatty liquids or salt water.
- × **DO NOT** pump sludge, sand, gravel, mud, or fibrous materials. Ensure the inlet hose will **NOT** pick up any solid materials. Sand and such substances will reduce working life of pump, and invalidate your warranty.
- × **DO NOT** use to pump septic tanks or settling pits.
- × **DO NOT** submerge the pump or the electrical cable in water. Protect the pump from external wet conditions.
- × **DO NOT** operate pump during freezing temperatures. **DO NOT** allow any part of the pump or pipes to freeze.
- × **DO NOT** carry pump by the cable, or piping. Only use the handle.
- ✓ 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, thus polluting the environment.

NOTE: This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

2. INTRODUCTION

Manufactured from heavy duty corrosion resistant materials in either stainless steel or polypropylene. Suction pump suitable for drawing brackish water up to 8 metres. Includes a removable filter for easier maintenance.

3. SPECIFICATION

Model no	WPS060.V2
Cut-out	Manual
Outlet OD	1" BSP
Maximum Output/Min.	50L(11gal)
Maximum head	35m
Maximum suction height	8m
Maximum particle size	1mm
Motor power	650W
Supply	230V

4. INSTALLATION

4.1. The pump may be gravity or suction fed. Gravity feed is the preferred arrangement as this will place less strain on the long term operation of the pump. Depending on the installation, various plumbing accessories will be required. Determine requirements and if necessary contact your local Sealey stockists for advice on obtaining appropriate items.

4.2. PUMP

Locate pump in a suitable area, ensuring that there is good air circulation. Externally the pump is not designed to be totally waterproof so protect from possible wet situations. Bolt the pump to a flat horizontal surface with the outlet pipe (fig. 1a) pointing vertically upwards.

4.3. GRAVITY FEED (preferred arrangement when feed water level is above the pump inlet)

Fit an isolation valve to gravity feed pipe. Valve is used to turn water off and to restrict the flow if required.

4.4. SUCTION FEED (when the feed water level is lower than the pump inlet)

If the distance (HA) < 4m; use a feed pipe of 1" diameter. If the distance (HA) > 4m; use a feed pipe of greater than 1" diameter. The distance (HA) must not exceed 8.5m.

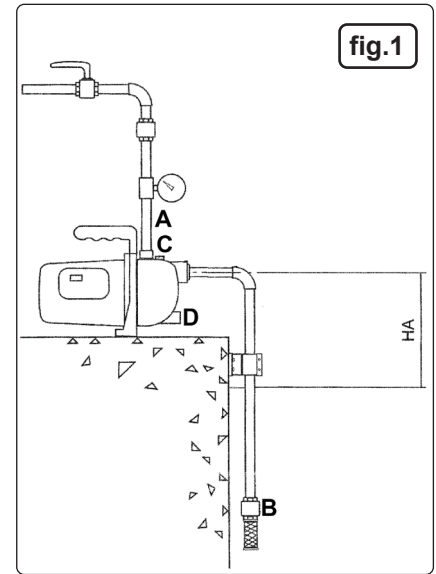
Connect a filter valve to the feed pipe inlet (fig. 1b) to ensure water will be retained in pump system.

Connect other end to pump inlet. The filter should be situated approximately 0.5m beneath the water level.

We advise that a check valve is installed directly on the delivery line, to prevent the pump being damaged by water hammer and that a cut-off valve is also installed (downstream from check valve) to facilitate maintenance work.

NOTE: With both gravity and suction feed ensure:

1. that the supply inlet pipe is the same height as the pump inlet or lower.
2. that, if connecting to a drinking water supply, the water authority regulations are adhered to.



5. OPERATION

- WARNING!** Ensure you read, understand and apply Section 1 safety instructions.
- 5.1.** Check inlet water pipe is turned on or that inlet suction feed is placed in the water supply to a depth of at least 0.5mtr.
 - 5.2.** If using gravity feed, check and set the outlet restrictor valve as necessary.
 - 5.3.** Prime the pump via the filler hole (fig 1c). Replace cap and ensure there are no leaks. Open any closing/cut-off devices on the delivery tube.
 - 5.4.** To run the pump, plug into the electrical mains supply and press the switch located on the side of the pump to "I".
 - 5.5.** If, for any reason, the motor should overheat, a thermal circuit breaker will automatically activate and stop the pump. If this happens, switch the mains power off and unplug. Check reason for overheating and remedy the problem. If the pump is not switched off, the motor will cool, after which it will automatically re-start.

6. MAINTENANCE

- WARNING!** Apart from the exceptions listed below, mechanical and electrical service maintenance and repair must only be undertaken by an authorised service agent. Failure to observe this rule may be dangerous and will invalidate your warranty.
 - WARNING!** Ensure that the pump is disconnected from the mains power supply before attempting any service or maintenance.
- 6.1.** Keep all parts of the pump clean. Rinse and drain via draining hole (fig.1D) when not in use. Check all electrical connections to ensure that they are in good condition.
 - 6.2.** If pump becomes blocked, remove the inlet pipe and direct a jet of water through the outlet whilst running the motor for several seconds. Repeat this operation until the blockage has been expelled. If this action does not remedy the problem contact your local Sealey service agent.
 - 6.3.** Clean any accessory filters according to the manufacturer's instructions.

7. TROUBLESHOOTING

Problem	Symptom	Solution
Motor does not run	No power Overload protection tripped Defective condenser Pump blocked	Verify that voltage is present and that the plug has been correctly inserted Determine the cause of the problem and reset the switch Contact your authorised Sealey stockist Verify the cause and unblock the pump, see section 6.2.
Motor runs but no water is being pumped	Pump is drawing in air	Verify all joints are sealed Check water level is not below filter valve (inlet) Check filter valve is not blocked
The pump stops running after a short period of time - the thermal motor circuit breaker has been tripped	Power supply does not comply with the data on the nameplate A solid object is blocking the impeller Liquid is too viscous	Check the voltage of the power supply Attempt to remove the blockage, see 6.2. If unsuccessful contact your authorised Sealey stockist Pump is designed only for use with water



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



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 (WEEE). 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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

Important: No Liability is accepted for incorrect use of this product.

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

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