



SUBMERSIBLE POND PUMP 1100LTR/HR 230V

MODEL NO: **WPP1100**

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 instructions



Warning!
Electricity

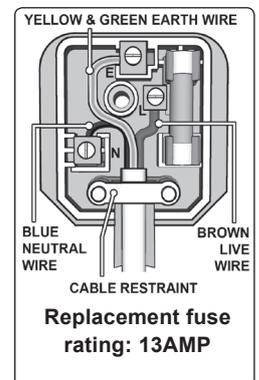
1. SAFETY

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 stockist.

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

- 1.1.1. The **Electricity at Work Act 1989** requires that all portable electrical appliances, if used on business premises, are 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.
 - × **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. Immediately have any faulty item repaired or replaced by a qualified electrician. When a BS 1363/A UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely.**



- 1.2. 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.**

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

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

IMPORTANT: Products which require more than 13amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.

- 1.2.3. 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. If an extension reel is to be used outdoors, ensure it is marked for outdoor use.



1.3. GENERAL SAFETY

- ❑ **WARNING!** This pump must be used in accordance with Health & Safety, government, local authority and water authority rules and regulations including appropriate procedures for the protection of persons, animals, equipment and property.
- ✓ Familiarise yourself with application, limitations and potential hazards peculiar to the pump.
- ❑ **WARNING!** Disconnect the pump from the mains power before changing accessories, servicing or performing any maintenance.
- ❑ **WARNING! DO NOT** have contact with the water whilst the submerged pump is connected to the mains supply.
- ✓ 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.*
- ✓ Switch off the power on all devices that are in contact with the water before carrying out any cleaning or maintenance work on the device.
- ✗ **DO NOT** use the pump for any purpose other than for which it is designed.
- ✗ **DO NOT** operate the pump out of water. The pump pick-up area must be completely submerged during operation.
- ✗ **DO NOT** operate the pump during freezing temperatures. **DO NOT** leave the pump in water that may freeze.
- ✗ **DO NOT** carry the pump by its electrical cable, or outlet pipe.
- ✗ **DO NOT** use the device in water additionally chlorinated or in acidic or alkaline solutions. **DO NOT** use in salt water.
- ✗ **DO NOT** let the pump run dry. This can cause irreparable damage.

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

Suitable for creating garden water features. Provides the important functions of filtration and water circulation which are necessary to maintain healthy plant and fish life. Supplied with two fountain heads.

3. SPECIFICATION

Model No:WPP1100
 Cable Length: 10m
 Fountain Effects: (A) Fountain / (B) Cascade
 Maximum Submersion Depth: 3m
 Maximum Temperature of Pumped Fluid: 35°C
 Maximum Head: 1.1m
 Maximum Output: 1100ltr(242gal)/hr
 Supply: 230V
 Motor Power: 20W
 Outlet Size OD: Ø13mm
 Nett Weight: 1.50kg

4. OPERATION

- ❑ **WARNING! Ensure that you read, understand and apply the safety instructions in Section 1.**

4.1. START-UP

- 4.1.1. Fit the four rubber feet to the base of the pump.
- 4.1.2. Place the pump on a flat level surface which is raised from the bottom of the pond. This will prevent the pump from clogging too quickly.
- 4.1.3. You may use the pump lying on its side. You should however, make sure that the motor axle is horizontal, otherwise the axle will be subject to increased wear.

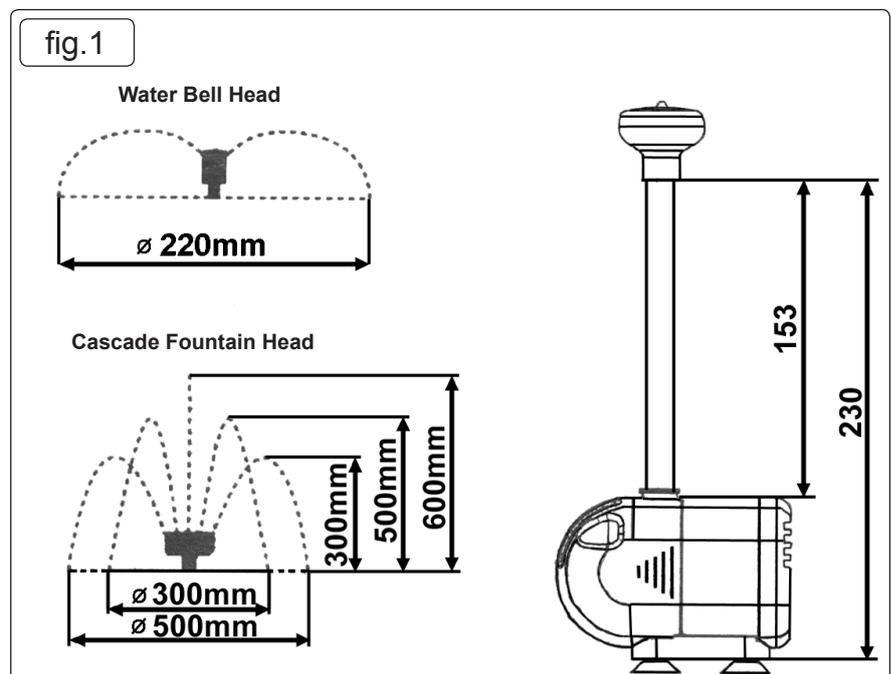
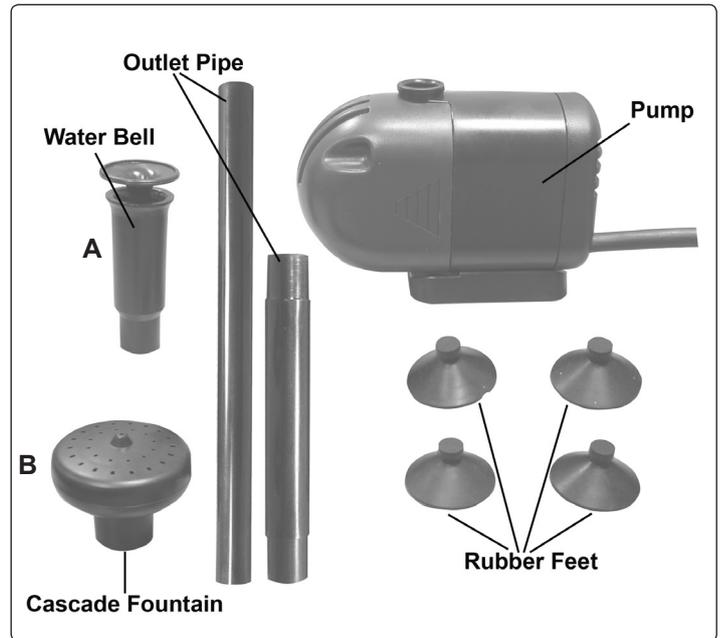
4.2. CASCADE FOUNTAIN MODE

- 4.2.1. When installing the pump in the pond, make sure that the cascade fountain head projects above the water surface.

- 4.2.2. Refer to (fig.1) for the maximum delivery height and diameter.

4.3. WATER BELL FOUNTAIN MODE

- 4.3.1. Install the water bell fountain head onto the outlet pipe.
- 4.3.2. The closer the head is to the water surface, the larger the diameter of the water bell that can be achieved.
- 4.3.3. You can adjust the volume of water and the size of the bell by screwing the top of the water bell head in or out (fig.2.1).



5. MAINTENANCE

- ❑ **WARNING!** With the exceptions listed below, all pump and electrical cable service maintenance and repair must be undertaken by an authorised service agent only. 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.
NOTE: The pump's filter should only be cleaned out when necessary, as cleaning will simultaneously wash out the micro organisms which help to keep the pond healthy. However, it should be cleaned whenever there is a noticeable deterioration in pump performance.

5.1. CLEANING THE FILTER SPONGE

- 5.1.1. Press the filter housing together on both sides (fig 2.2) and pull off the cover.
- 5.1.2. Remove the sponge filter (fig 2.3) from the housing and clean with clean cold water.

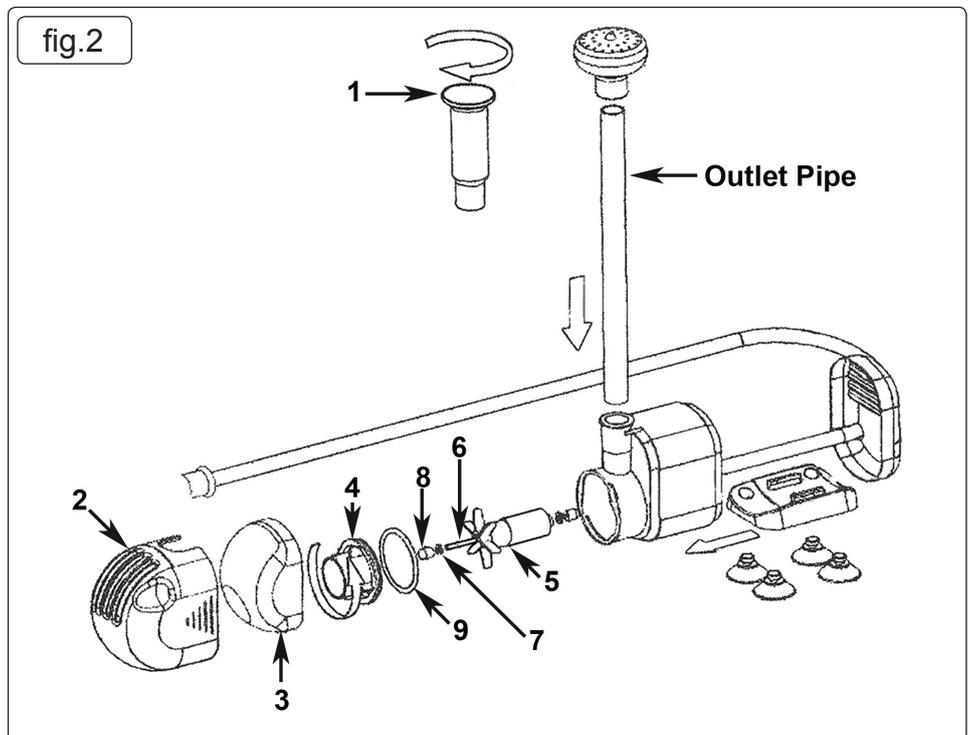
IMPORTANT: Never use the pump without the filter in place as this could lead to damage to the pump.

5.2. CLEANING THE FUNCTIONING PARTS

- 5.2.1. Open the pump chamber lid (fig 2.4) by twisting it anti-clockwise a quarter turn and pulling it clear of the pump body.
- 5.2.2. Remove the magnetic impeller (fig 2.5) carefully from the shaft. As this is done the magnetic force of the impeller must be overcome.
* **DO NOT** use any implements to remove dirt from inside the pump, but simply wash it out with lukewarm water.
- 5.2.3. Use a soft sponge to remove any dirt deposits.
- 5.2.4. To reassemble the pump carefully slide the magnetic impeller onto the shaft. At a certain point, the impeller will be drawn into the housing by the magnetic force.
- 5.2.5. Check that the ceramic washer (fig 2.7) and rubber bearing (fig 2.8) at both ends of the shaft are correctly mounted.
- 5.2.6. Before closing the pump chamber with the lid (fig 2.4) make sure that the o-ring (fig 2.9) is correctly seated.
- 5.2.7. Plug the supply cable into the mains supply briefly (**no more than 3 seconds**) to check that the impeller turns freely. A certain level of noise is inevitable during this dry run. This is no cause for concern. When it is used in water, the pump should operate silently.

5.3. WINTER STORAGE

- 5.3.1. Place the pump in water filled vessel in a frost-free room. Storage in water prevents deposits from accumulating on the pump. If the pump is stored dry, these deposits can block the impeller. If you wish to store the pump dry, you must ensure that the functioning parts and filters have been thoroughly cleaned and dried.



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.

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.

Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR



01284 757500



01284 703534



sales@sealey.co.uk



www.sealey.co.uk