



SUBMERSIBLE PUMP

Model No: HIPPO 2

OPERATING & MAINTENANCE INSTRUCTIONS



0107



HIPPO 2

240 Volt and 110 Volt models

Thank you for purchasing this Clarke Hippo 2 Pump.

Before attempting to operate this pump please read this instruction manual thoroughly and follow all directions carefully. This is for your own safety and that of others around you, and to help you achieve long and trouble free service from your pump.

Guarantee

This product is guaranteed against faults in manufacture for 12 months from purchase date. Keep your receipt as proof of purchase. This guarantee is invalid if the product has been abused or tampered with in any way, or not used for the purpose for which it is intended. The reason for return must be clearly stated. This guarantee does not affect your statutory rights.

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Electrical Connections

HIPPO 2 - 240 Volt models: Connect the mains lead to a standard 240 Volt (50Hz) electrical supply through an approved plug or a suitably fused isolator switch.

HIPPO 2 - 110 Volt models: Connect the mains lead to a suitable 110 Volt (50Hz) electrical supply through an approved plug or a suitably fused isolator switch, or to a suitable portable 110 volt transformer.

We recommend that this pump is fitted with a Residual Current Device (RCD).

If the pump is to be connected to an outdoor electrical supply, make sure that both the plug and the socket are of a British Standard approved waterproof design.

WARNING: THIS APPLIANCE MUST BE EARTHED

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code:

Green & Yellow - Earth
Blue - Neutral
Brown - Live

As the colours of the flexible cord of this appliance may not correspond with the coloured markings identifying terminals in your plug proceed as follows:

- Connect GREEN & YELLOW cord to terminal marked with a letter "E" or Earth symbol  or coloured GREEN or GREEN & YELLOW.
- Connect BROWN cord to terminal marked with a letter "L" or coloured RED
- Connect BLUE cord to terminal marked with a letter "N" or coloured BLACK

240 volt models only:

The fuse in the plug for this appliance must be rated at 13 amps.

If this appliance is fitted with a plug which is moulded onto the electric cable (i.e. non-rewirable) please note:

1. The plug must be thrown away if it is cut from the electric cable. There is a danger of electric shock if it is subsequently inserted into a socket outlet.
2. Never use the plug without the fuse cover fitted.
3. Should you wish to replace a detachable fuse carrier, ensure that the correct replacement is used (as indicated by marking or colour code).
4. Replacement fuse covers can be obtained from your local dealer or most electrical stockists.
5. The fuse in the plug must be replaced with one of the same rating (5 amps) and this replacement must be ASTA approved to BS1362.

If in doubt, consult a qualified electrician.

For your own safety

1. An approved Residual Current Device (ROD) must be used when pumping from ponds or swimming pools.
2. Your Hippo 2 may only be used for pumping water from a swimming pool when there is no person or animal in the pool.
3. Always disconnect the pump from the electrical supply before placing your Hippo 2 into, or removing it from the water, and before any cleaning or maintenance of the pump.

Installation and Operation

The Hippo 2 is designed for use with clean fresh water. Avoid using your pump with salt water, or with water containing chemicals, as these can cause damage to the pump. If the pump does come into contact with salt water or chemicals, wash it in fresh water immediately.

Always use the moulded handle, with a rope or cord attached if necessary, when lifting the pump. Do not lift the pump by the mains or float switch cables.

Do not use the pump if the water is liable to freeze, as this can cause damage to the pump. Remove the pump from the water and store it in a frost free location.

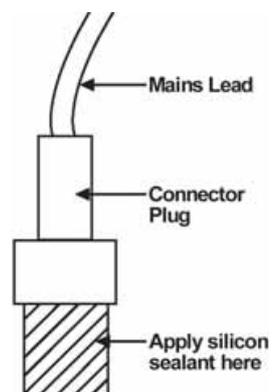
If the Hippo 2 is to be used where there may be silt or mud (for example, garden ponds), keep the pump clear of any sediment by standing it on a platform or brick.

Inspect the pump regularly to check that the base inlet is clear of leaves or other debris. Any blockage of mud or leaves can be cleared by washing the pump in fresh water, or by using a garden hose to flush fresh water back through the pump outlet connector. Never switch on the pump with the outlet connected to the mains water supply. The mud pack (item 2) and screen/filter (item 6) can be removed for cleaning if necessary. Remove the mud pack (3 screws around the base), followed by the screen/filter (3 more screws) if necessary.

Maintenance

This pump should require no maintenance other than regular cleaning. If the pump starts to show signs of wear or damage contact our Service Department for advice. Do not use the pump if there is any damage to the mains supply cable. Do not attempt to repair the pump yourself (other than to replace those parts listed below), as you may invalidate your guarantee, and damage the waterproof seal of the pump.

To fit a new mains lead, remove the two screws and the retaining plate from around the mains lead connector plug, and pull the plug from its socket. When replacing, the plug must be sealed using a clear silicon sealant. Apply the sealant to the body of the connector plug, as shown in the diagram, before inserting it into its socket, and replacing the retaining plate and screws.



If using this pump in a garden pond, please note that there is a small quantity of oil in the pump seal. If the pump or seal is damaged, the oil may leak out, and appear as a film on the surface of the water. Although harmless to people, the oil must be cleared to prevent any possible harm to pond life. Disconnect the pump from the electrical supply, remove it from the pond, and clear the oil, then contact our Service Department for advice.

Spare Parts



Item	Description	Part No.
1	Base	7200940
2	Mud pack	7200941
3	Cable with connector	7200942
4	Impeller (screw fit to shaft)	7200943
5	Gasket	7200944
6	Screen/filter	7200945
7	1/2" adaptor	7200946
8	3/4" adaptor	7200947
9	1" adaptor	7200948

PARTS & SERVICE CONTACTS

For Spare Parts and Service, please contact your nearest dealer,
 or CLARKE International, on one of the following numbers.
PARTS & SERVICE TEL: 020 8988 7400
 or e-mail as follows:
PARTS: Parts@clarkeinternational.com
SERVICE: Service@clarkeinternational.com