



Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.

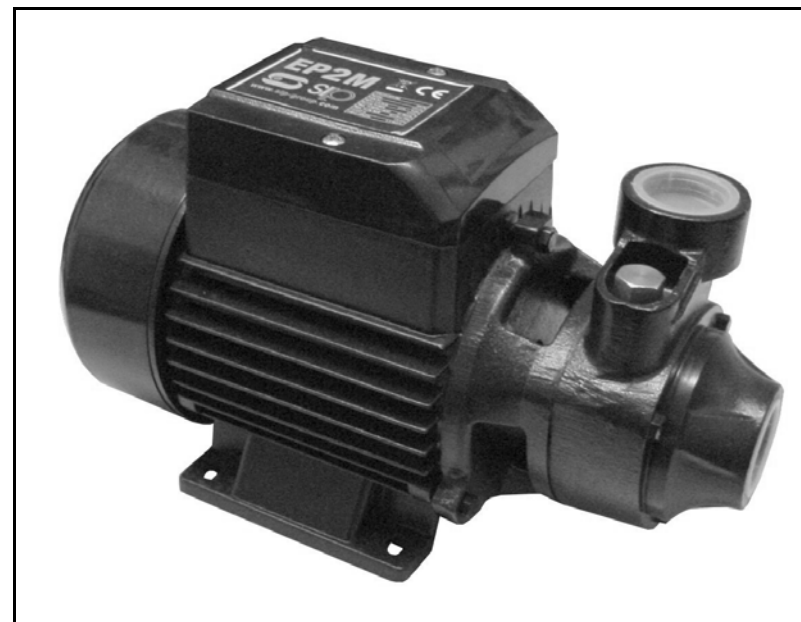


Never dispose of electrical equipment or batteries in with your domestic waste. If your supplier offers a disposal facility please use it or alternatively use a recognised re-cycling agent. This will allow the recycling of raw materials and help protect the environment.



EP 2M

Surface Mounted Water Pump



**FOR HELP OR ADVISE ON THIS PRODUCT PLEASE CALL OUR
CUSTOMER SERVICE HELP LINE : 01509 500400**

Ref:080306

***Please read and fully understand the instructions in
this manual before operation. Keep this manual
safe for future reference***

DECLARATION OF CONFORMITY

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WE

SIP LTD

GELDERS HALL ROAD
SHEPSHED
LOUGHBOROUGH
LEICESTERSHIRE
LE12 9NH

Declare that the

EP 2M Surface Mounted Water Pump SIP Pt No: 07614

Complies with the following EEC Directives:

73/23/EEC

As amended by
2006/96/EC

89/336/EEC

As amended by
2004/108/EC

Low Voltage Directive

EMC Directive

And the relevant standards where applicable:

EN 55014-1:2000+A1+A2

EN 61000-3-3:1995+A1

EN 61000-3-2:2000+A1

EN 55014-2:1997+A1

EN 60335-1:2002+A1+A11+A12+A2

EN 60335-2-41:2003+A1

EN 50366:2003+A1

Signed:

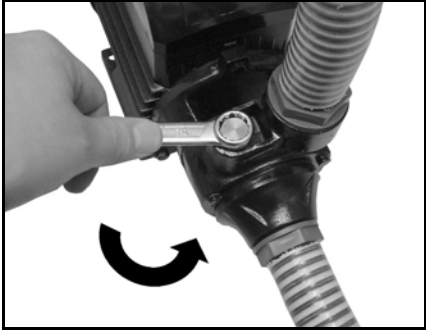


Joint Managing Director

Date: 14 March 2016



INSTALLATION / OPERATING INSTRUCTIONS



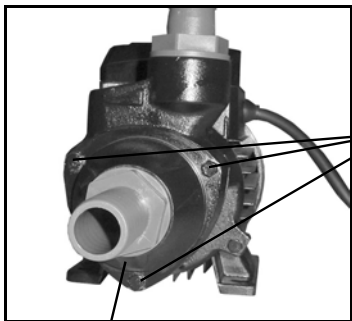
Once primed the pump should be ready to run:

- Plug the mains lead into the mains supply and turn the switch to the on position, if primed correctly the pump should start to pump.

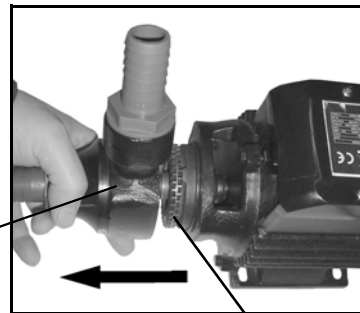
MAINTENANCE

The pump is mainly maintenance free, you may need, from time to time to clear the impellor of any unwanted waste / debris (particularly if the pump has been in storage and un-used for a period of time). Always ensure that the mains lead is removed from the power supply before all maintenance operations.

- Remove the pump house retaining screws (see below).
- Remove the main pump housing.
- Rinse with clean water to remove debris, clean the impellor and the pump housing with scouring pad (or similar).
- Follow these instructions, in reverse to re-fit the pump housing.



Pump housing



Impellor

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SAFETY INSTRUCTIONS

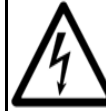
Warning: Read this manual carefully before installing the pump, failure to follow any instructions may damage the pump.

Carefully store this manual. If problems arise, contact the help-line number on the back of this manual, or, your distributor.

Every submersible water pump is carefully tested and packed during its assembly, on receiving the pump, check that the pump has not been damaged during transportation. If the pump is damaged, immediately inform your distributor, and, do not put the pump into operation until the damage has been repaired or the item replaced.

- When installing, please ensure your SIP submersible pump is disconnected from electrical supply to prevent possible injury to people and / or damage due to un-wanted start up.
- Avoid inserting hands or other objects into the inlet or the outlet of the pump whilst it is connected to the mains.
- Ensure the pump is installed so that it cannot move or slip during operation.
- Always check the pump regularly, and take it out of service if the water is likely to freeze.
- When not in use, always ensure that the pump is fully drained of any water and store it in a warm environment to protect it from frost damage.
- Never allow the pump to run without water flowing through it.
- The pump should not be used where aquatic life is present such as in domestic, or commercial ponds, or similar.
- Always rinse the pump with clean water and fully drain after each use.
- Never carry the water pump by the mains lead or pull it to remove the plug from the mains socket.
- Keep the mains lead away from heat, oil and sharp edges.
- If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid unwanted hazards.
- Never use flammable or corrosive liquids to clean the water pump.
- Never use the water pump to pump anything other than water, it should not be used to pump flammable, corrosive or other potentially damaging or dangerous liquids.
- Never immerse the pump in water, or allow it to get wet with rain etc.
- Allow enough room around the pump whilst it is running to ensure that there is enough air flow to cool the motor.
- Ensure that your hands are dry when dealing with mains electricity.

INSTALLATION / OPERATING INSTRUCTIONS



Warning: The water pump should be fitted with an RCD (residual current device), or similar, to ensure the power is cut should any problems occur.

When installing, please ensure your SIP water pump is disconnected from electrical supply to prevent possible injury to people and / or damage due to un-wanted start up.

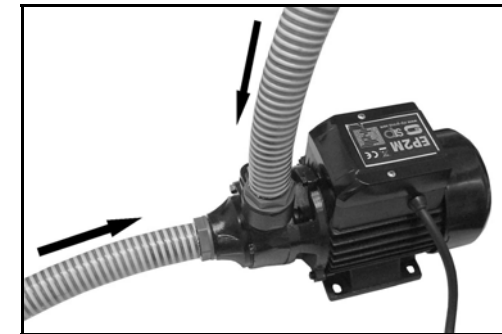
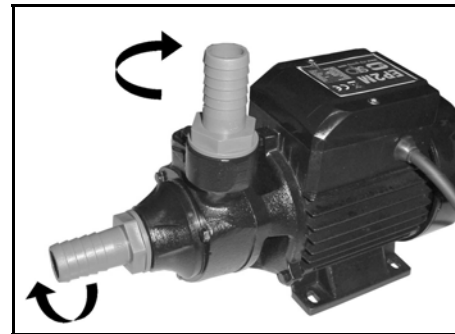


Note: The hose can be fitted directly to the pump if the hose has the correct male 1" thread, alternatively; follow the instructions below to fit the hose by means of a hose adaptor.

- Fit the 1" inlet and outlet adaptors to the pump (see below).
- Fit the inlet and outlet hoses over the adaptors and secure with a relevant pipe clip where necessary.
- Sit the end of the suction hose into the area to be cleared and the outlet hose to where the water is to be pumped to.



Note: Solid wall / super tough hose should be used instead of lay flat to ensure the pump will work to its capacity.



Prior to use the pump will need to be primed:

- Remove the priming port bung (see page 10).
- Pour water through the port until it is full.
- The amount of water needed will depend on different factors such as length of hose etc.



Note: The pump may need to be primed after every time the pump is stopped (depending on different factors). The use of an NRV (non return valve) on the suction hose will reduce this issue.

ELECTRICAL CONNECTION...cont

| Ampere rating | 3 | 5 | 10 | 13 |
|---------------|---------------------------|------|------|------|
| Cable length | Wire size mm ² | | | |
| 7.5m | 0.75 | 0.75 | 1.0 | 1.25 |
| 15m | 0.75 | 0.75 | 1.0 | 1.5 |
| 22.5m | 0.75 | 0.75 | 1.0 | 1.5 |
| 30m | 0.75 | 0.75 | 1.25 | 1.5 |
| 45m | 0.75 | 0.75 | 1.5 | 2.5 |

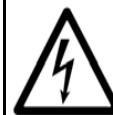
TECHNICAL SPECIFICATIONS

| | |
|--------------------------|--------------|
| Part number | 07614 |
| Input voltage | 230v ~ 50hz |
| Power | 550 w |
| Max. pump head | 40 m |
| Max. Suction | 6 m |
| Max. flow rate | 40 l/min |
| Outlet | 1" (bsp) |
| Fuse rating | 5 A |
| Mains lead length | 0.5 m |

SAFETY SYMBOLS USED THROUGHOUT THIS MANUAL



Danger / Caution: Indicates risk of personal injury and / or the possibility of damage.



Warning: Risk of electrical injury or damage!



Note: Supplementary information.



CAUTION: The warnings and cautions mentioned in this user manual can not cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be applied.

SPECIFIED CONDITIONS OF USE

This water pump can be used to drain rain water, domestic waste water and to remove water from flooded rooms in emergency conditions. The pump can be used to transfer clean or moderately dirty water (no solids).

This pumps is designed to be used in the following applications:

Draining of cisterns, rainwater reservoirs, wells, ponds, swimming pools, storm drains, flooded cellars, boats and yachts.

It is only for use with water and not chemicals or other substances that could damage the internal seals etc.

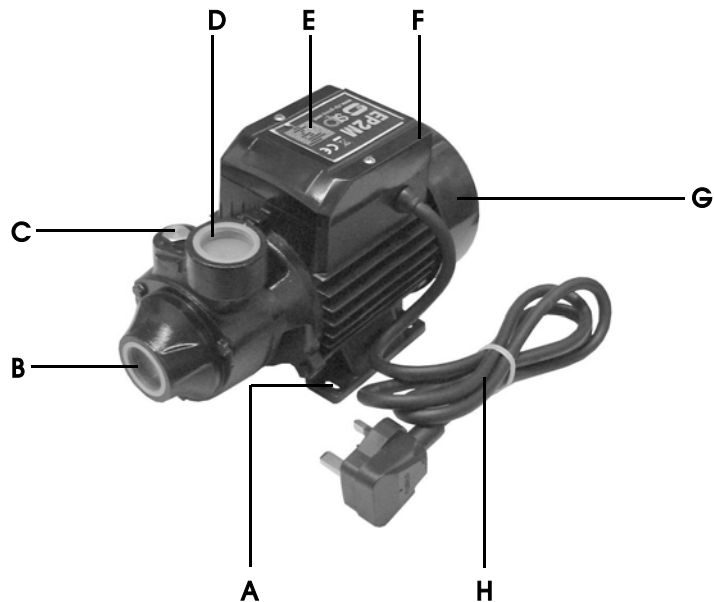
The pump cannot be used for flammable, corrosive, explosive or dangerous liquids.

It should not be used where aquatic life is present such as in domestic, or commercial ponds, or similar.



Caution: Use, other than that specified is not permitted.

GETTING TO KNOW YOUR WATER PUMP



| Ref: | Description | Ref: | Description |
|------|---------------------|------|-------------------------|
| A. | Pump mounting holes | E. | Pump specifications |
| B. | Pump inlet | F. | Electrical terminal box |
| C. | Priming port | G. | Fan cover |
| D. | Pump outlet | H. | Mains lead |

GUARANTEE

Guarantee:

This sip water pump is covered by a 12 month parts and labour warranty covering failure due to manufacturers defects. This does not cover failure due to misuse or operating the pump outside the scope of this manual.

In the unlikely event of warranty claims, contact your distributor or the help line on the back page of this manual.



Note: Proof of purchase will be required before any warranty can be honoured.


ELECTRICAL CONNECTION

Connecting to the power supply:

These SIP water pumps are fitted with a standard 230v ~ 13 amp type domestic plug. Before using the pump, inspect the mains lead and plug to ensure that neither are damaged. If any damage is visible have the pump inspected / repaired by a suitably qualified person. If it is necessary to replace the plug a heavy duty impact resistant plug would be preferable.

The wires for the plug are coloured in the following way:

| | |
|----------------|---------|
| Yellow / green | Earth |
| Blue | Neutral |
| Brown | Live |

As the colours of the wires may not correspond with the markings in your plug, proceed as follows: The wire which is coloured blue, must be connected to the terminal marked with N or coloured black. The wire which is coloured brown, must be connected to the terminal, which is marked L or coloured red. The wire which is coloured yellow / green should be connected to the terminal which is coloured the same or marked 

Always secure the wires in the plug terminal carefully and tightly. Secure the cable in the cord grip carefully.



Warning: The water pump should be fitted with an RCD (residual current device), or similar, to ensure the power is cut should any problems occur.



Warning: Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved plug with the correct rated fuse. If in doubt consult a qualified electrician.



Note: Always make sure the mains supply is of the correct voltage and the correct fuse protection is used. In the event of replacing the fuse always use a fuse of the same value as the original.



Note: If an extension lead is required in order to reach the mains supply; ensure that this too is rated for the correct voltage and fuse rating. The cross section of the extension lead should be checked so that it is of sufficient size so as to reduce the chances of voltage drops (see page 9).