



# Submersible Water Pumps



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.



**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

## DECLARATION OF CONFORMITY

WE

SIP LTD

GELDERS HALL ROAD  
SHEPSHED  
LOUGHBOROUGH  
LEICESTERSHIRE  
LE12 9NH

Declare that the

Sub 2010 (no float switch) Submersible Water Pump SIP Pt No: 06811  
Sub 2010FS Submersible Water Pump SIP Pt No: 06813  
Sub 2011FS Submersible Water Pump SIP Pt No: 06815  
Sub 2012FS Submersible Dirty Water Pump SIP Pt No: 06817  
Sub 2020SS Submersible Dirty Water Pump SIP Pt No: 06819

Complies with the following EEC Directives:

2006/95/EC  
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

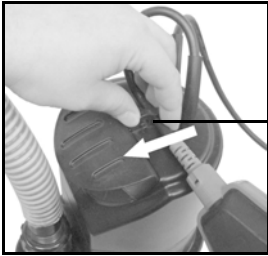
Signed:



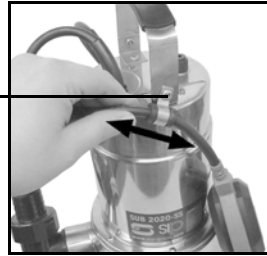
Joint Managing Director  
Date: 25 January 2008



## INSTALLATION / OPERATING INSTRUCTIONS



Float  
switch slot



Retaining screw

Once everything is set, simply turn the mains switch to the on position and the pump will start to run.

## MAINTENANCE

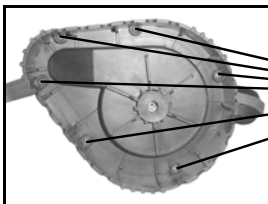
The pump is mainly maintenance free, you may need, from time to time to clear the impellor of any unwanted waste / debris. Always ensure that the mains lead is removed from the power supply before all maintenance operations.

### Stainless steel version:

- Remove the 6 retaining screws from around the pump body.
- Split the pump and rinse with clean water to remove debris.
- Rejoin the pump and fully secure with the 6 screws, take care that the seal is seated correctly.

### Plastic version:

- Remove the diffuser retaining screws.
- Remove the diffuser.
- Rinse with clean water to remove debris.
- Re-fit the diffuser and secure with the retaining screws.



Retaining screws



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## SPECIFIC SAFETY INSTRUCTIONS

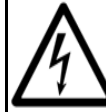
**Warning:** Read this manual carefully before installing the pump, failure to follow any instructions may damage the pump.

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 of the pump whilst it is connected to the mains.
- Use the handle provided to transport or lift the pump.
- 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.

## 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 submersible pump is disconnected from electrical supply to prevent possible injury to people and / or damage due to un-wanted start up.

- Fit the pipe over the outlet adaptor (see below).
- Secure with the relevant pipe clip, or, similar.



- Lower the pump into the water, do not use the mains lead or float switch to lower the pump beyond reach.
- Use rope or similar around the handle of the stainless steel version, or, through the submersing ring (D) for the plastic versions (see below).



**Submersing ring**



If you need to shorten the length of the float switch in order to control the depth at which it cuts the power to the pump:

- **Stainless version:** Loosen the retaining screw and slide the float switch to the desired position. Re-tighten the screw to secure.
- **Plastic version:** Hook the float switch lead into the float switch slot (E) and slide to the desired length.

See page 10 for images.


## 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.

## 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.

## TECHNICAL SPECIFICATIONS

Part number	06811	06813	06815	06817	06819
Input voltage	230v ~ 50hz	230v ~ 50hz	230v ~ 50hz	230v ~ 50hz	230v ~ 50hz
Power	400 w	400 w	750 w	550 w	750 w
Max. pump head	8 m	8 m	9 m	6 m	8 m
Max. flow rate	150 l/min	150 l/min	233 l/min	200 l/min	233 l/min
Max. particle Ø	5 mm	5 mm	5 mm	25 mm	35 mm
Outlet Ø	25 - 32mm	25 - 32mm	25 - 32mm	25 - 32mm	25 - 32mm
Float switch Y/N	N	Y	Y	Y	Y
Mains lead length	10 m	10 m	10 m	10 m	10 m

## GETTING TO KNOW YOUR WATER PUMP



Ref:	Description	Ref:	Description
A.	Diffuser	E.	Float Switch Slot
B.	Outlet Adaptor	F.	Mains Lead
C.	Carrying Handle	G.	Float Switch
D.	Submersing Ring	H.	Inlet

## 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.

## SPECIFIED CONDITIONS OF USE

This range of submersible water pumps 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 fluids (depending on the model).

These submersible pumps are designed to be used in the following applications:

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

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

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

They 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.