

Flood Pump Kit

Installation and operating guidelines

The Flood Pump Kit is designed to remove flood water from your property with speed and efficiency. The pump can operate within the filter chamber for extra protection or independently as required.



Flood Pump Kit

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2. Product Summary

The Flood Pump Kit is designed to remove flood water from your property with speed and efficiency. The pump can operate within the filter chamber for extra protection or independently as required. With manual operation the pump can reduce the water level to 40mm.

The system consists of a slotted polyethylene chamber with a removable automatic waste water submersible pump and delivery hose.

The system is fully portable and is ideal for emergency situations. It is an ideal system to provide peace of mind to those with basements or low lying property.

Key Features:

- Completely portable and automatic
- Filter chamber provides protection to pump, but can be used independently in clean water environments
- Manual pumping to low level (40mm)
- High output flow of up to 10,000 litres per hour



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3. Operating guidelines

3.1 Advisory

It is important to note that these instructions are for guidance only and it is the contractor's responsibility to satisfy themselves that the installation procedure is in accordance with the prevailing conditions and good building practice, to eliminate any potential damage to the product either during or after installation.

Please read these instructions in full, prior to commencement of installation. If you are unsure on any point then ask for advice before proceeding. Our technical help desk is available on 01442 211554 from 8.30am–5.30pm, Monday to Friday.

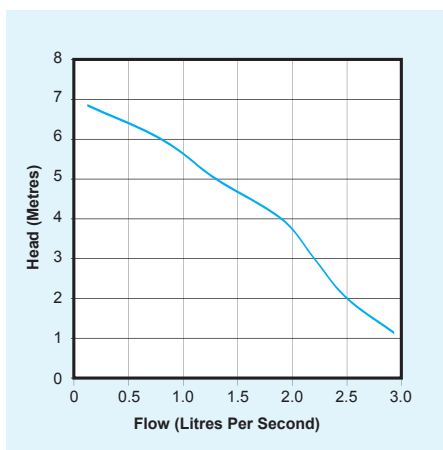
3.2 Setup and operation

1. Connect the plug supplied to the power cable of the pump in accordance to Electrical Regulations and taking into account the on-site conditions.
2. Screw the 1¼" male plug into the non-return valve of the pump.
3. Select a suitable location for the flood pump kit taking into account the distance of the nearest drainage point.
4. Roll out the lay flat hose from the pump to the nearest drainage point with the quick release coupling (supplied fitted to hose) at the pump end.
5. Connect the quick release coupling to the male plug on the pump and pull both arms down locking the hose into place on the pump.
6. Connect the pump to the power supply taking into account Electrical Regulations and the onsite conditions.
7. The pump will now operate via the float arm attached to the pump, if the level of the water is not high enough to activate the pump the float arm can be removed and the pump will then pump down to low level.
8. Once the flood water has been cleared you can disconnect the pump from the power supply, remove the hose by detaching the quick release coupling and rolling up the lay flat hose to be put back into the filter tank to be re-used should a flood occur again.

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4. Technical specifications

Model	Flood pump kit
Power supply	230V AC
Rated current	1.9A
Motor rating	180W
Frequency	50Hz
Revolutions per min.	2800rpm
Max vertical output	6.7m
Max flow rate	2.9 l/s
Max liquid temp.	<50°C
Discharge size	1¼"
Free passage	10mm
Cable length	5m



5. Dimensions

Part	Filter tank
Length	600mm
Width	400mm
Height	340mm

6. Parts list

No.	Product Name
1	Submersible pump (automatic, 230V)
1	20m 1¼" lay flat hose
1	filter tank with lid
1	1¼" male plug
1	1¼" quick release coupling (attached to hose)
1	5a fused plug

7. Transport

Carefully unpack the product from its packing and inspect for any signs of damage. Should there be any damage present it must be reported immediately (no claim will be considered after 24hours from time of delivery).

Please refer to the parts list in Section 6.

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8. Maintenance



Before carrying out any maintenance work the unit should be completely disconnected from the mains, and measures should be taken to prevent the unit being inadvertently switched back on.

The system requires minimal maintenance; however it is strongly recommended that after each use the pump and filter are cleaned and any debris is removed.

It is also recommended that the pump is plugged in and tested every 12 months irrespective of whether it has been used within that period.

9. Health and safety

Please pay attention to the following regulations when installing the product or ask your qualified electrician/distributor.

9.1 Safety precautions

In order to minimise the risk of accidents in connection with the service and installation work the following rules should be followed:

- Make sure there are no poisonous gases within the work area.
- Check the explosion risk before using electric hand tools.
- Do not ignore health hazards.
- Observe strict cleanliness.
- Bear in mind the risk of electrical accidents.
- Make sure you have a clear path of retreat.
- Use a safety helmet, safety goggles and protective shoes.
- If working at height or in confined spaces, please ensure you meet the current health and safety regulations.
- A first aid kit must be close to hand.
- No unauthorised modifications should be made.
- Operation should be in accordance with this guide.

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9.2 Electrical connections

Anyone carrying out electrical work must ensure that reasonable provision has been made in the design and installation of the electrical installations in order to protect any persons who might use, maintain or alter the electrical installation of that dwelling from fire and injury, including electric shock, this should be done in accordance with the latest IET wiring regulations BS7671.

- The following works should only be done by qualified and authorized electricians.
- Safeguard Europe disclaims all responsibility for work done by untrained or/and unauthorized personnel.
- Heed operating voltage (as shown in Section 4 and additional labels).
- Take out the main fuses to isolate the mains power supply from the control system before repairs or any other works and ensure it cannot be energized again.
- Before starting check the efficiency of the protective arrangements of the pump and the monitoring equipment. Failure to heed this warning may cause a lethal accident.
- Do not put the lead ends into water! Irruption of water may cause malfunctions.
- If persons are likely to come into physical contact with the pump or pumped media, the earthed (grounded) socket must have an additional connection to an earth (ground) fault protection device (GFI). (See earthing)
- Connection only to a mains power supply installed in accordance to the local regulations. Please consider the voltage drop of long supply cables.
- Replace the cable if the cable jacket is damaged. Do not pinch the cable or pull it around sharp bends.
- Always install the control unit in a dry and well-ventilated room above the backpressure level. Never install the control unit within the chamber.

9.3 Earthing

For safety reasons, the earth conductor should be approximately 50mm (2") longer than the phase conductors. If the motor cable is jerked loose by mistake, the earth conductor should be the last conductor to come loose from the first terminal. This applies to both ends of the cable. Ensure the correct earthing of the pump and control system.



DO NOT OPEN THIS UNIT IF NOT QUALIFIED TO DO SO

To reduce the risk of electric shock, do not remove cover. No user-serviceable parts inside. Refer servicing to qualified service personnel.

DISCONNECT FROM MAINS BEFORE REMOVING COVER.

10. Product guarantee

12-month guarantee (please refer to our Terms and Conditions for further information).

<https://www.edincare.com/general-information/terms-conditions/#Guarantee>



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