WaterFlow
Bringing Clarity to Wastewater

PUMP CHAMBER

Electrical Wiring Guide

Pump Chamber

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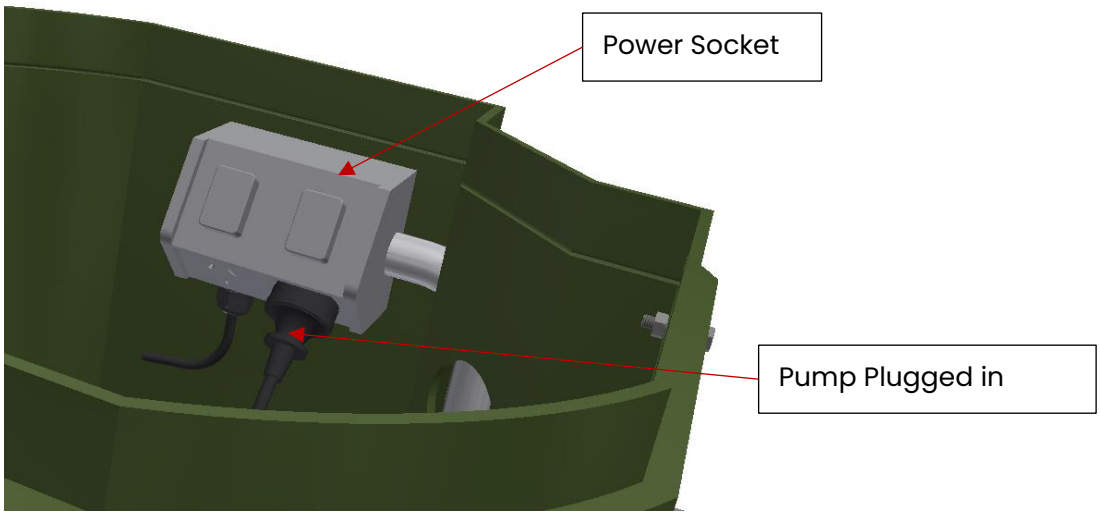
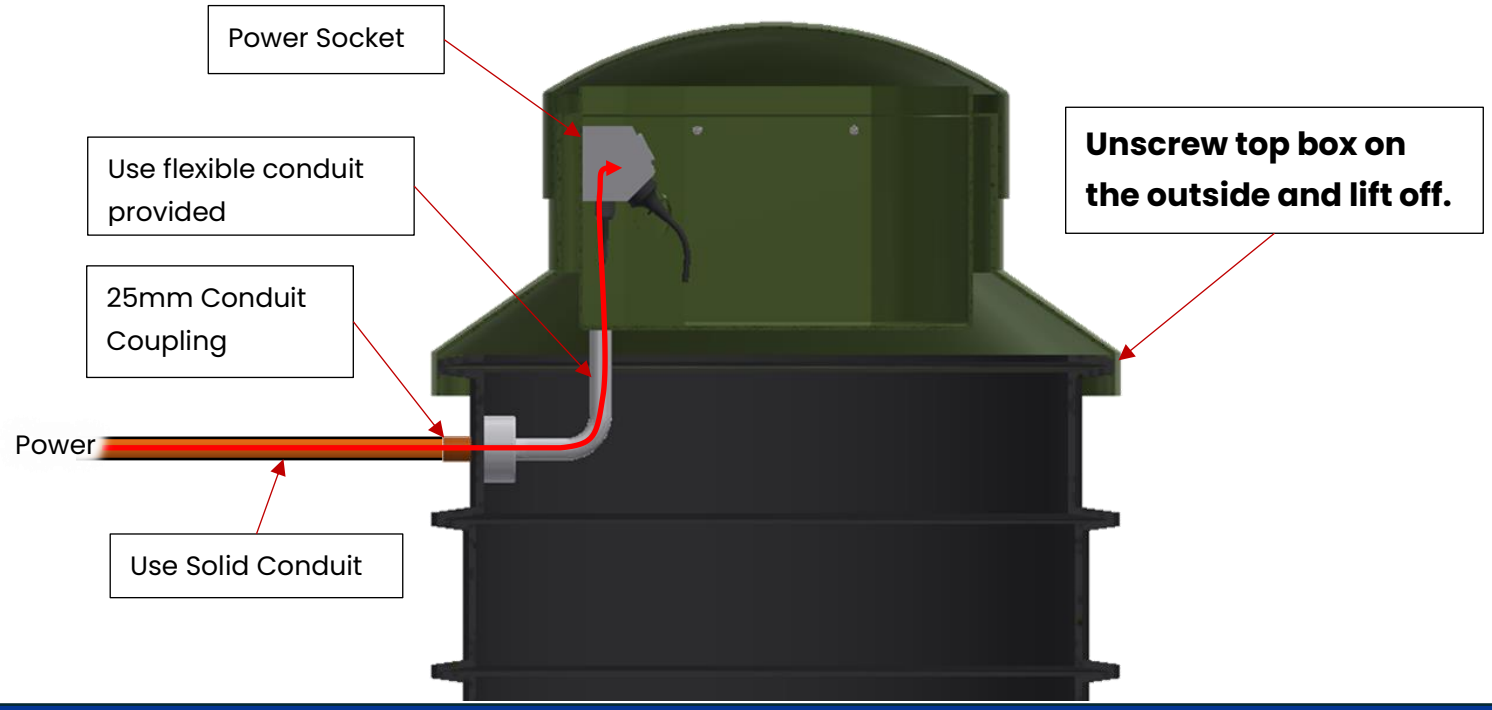
Power Supply

Use a 2.5mm2 T&E cable for the mains feeder cable. This cable should be protected at the feed end by an MCB rated at 16 Amps and should be installed on its own dedicated circuit.

Mains power supply is terminated in a waterproof outdoor socket, this provides power to the controller. It is found in the control box as pictured below. The power in comes through the side of the tank through a 25mm conduit coupling and will need to be run up through flexible conduit supplied to the power socket. Ensure the conduit is sealed well.





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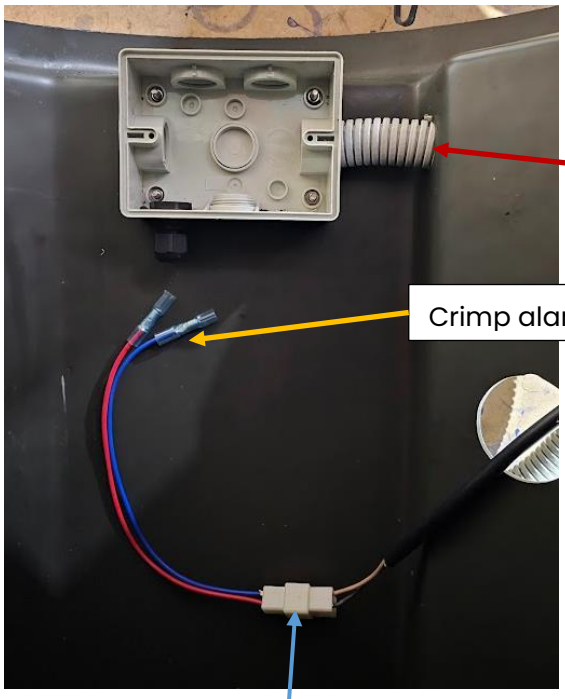
Alarm Wiring

Use a 2.5mm2 T&E cable to carry the two-wire alarm connections from the high-level float to the Alarm panel which is to be installed inside the building.

There is a connection on the bottom of the power socket that the alarm panel connects to. There is no polarity as it is a simple open/close circuit.

The Alarm Panel can be found in a bag in the controller box.



240V from the house - *2.5mm²*

Crimp alarm connection here - *2.5mm²*

Alarm float connection.

Configurator Switch – 1 down and 2 up

R – One of the float connections.

E – Second float connection.

B – Not required in this configuration.

Power Source – should be separate circuit to the system.

Legend:

240V Power

H/L connection

Controller plugs

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Need a hand? We're here to help.

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