

BIOCYCLE CONTROLLER INSTALLATION GUIDE

All electrical work must be carried out by a registered electrician as per electrical wiring regulations. Any questions during installation please contact N2P Controls on 09 570 1919.

This controller is rated to 10A at 230V.

1. Run the power supply cable through a cable gland (or similar water tight method) to the junction box mounted on turret. Ensure this connection is high as practical above ground level to ensure the chance of water entering is as low as possible.
2. Once the power supply cable is inside the junction box, wire the supply Phase and Neutral to the isolation switch terminals mirroring the connection of the supply to the controller. Wire the Supply Earth to the terminal block with the corresponding Earth (green/yellow) cable.
3. Inside of the turret the controller has 2 x labelled 3 pin plugs; one labelled *PUMP* for the irrigation pump and one labelled *BLOWER* for the blower. Ensure these are plugged in. It also has 2 x IP68 plugs; one labelled *HIGH LVL* and one labelled *House Alarm*. Ensure the *HIGH LVL* plug is connected to the high level float. The *House Alarm* plug is only used if the house alarm is installed. It also has a white plug for the alarm light that is supplied loose. Ensure this is plugged to the alarm light. Ensure the air hose is connected to the blower line.



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5. Once finished wiring, secure the Turret's lid.
6. Once installed commission by:
 - Supply power to controller once safe to do so. The Green Power LED light should illuminate on front of controller.
 - The Blower should run continuously
 - Test pump by lifting the float attached to the pump.
 - Test high level alarm by lifting high level alarm float. The red *High Level Fault* LED should illuminate, the buzzer sound and alarm light flash.
 - Press the mute button and the buzzer should stop. The mute will disengage after 24 hours.

