

## WaterGuard PRO Controller

The WaterGuard PRO is a compact and versatile control/alert unit used in the operation of single phase (1ph) pumps, up to a full load current (FLC) of 9.3 amps. It is ideally suited to be used in conjunction with one of our level controllers; the WaterVole (2), WaterVole Pro (1), Floats (2) or the PumpVole.

Suitable for dual input voltages, 230v or 110v single phase, the WaterGuard PRO includes visual indicators for both main power and pump running operations. These units are well-suited for tasks involving filling and emptying, using either our specified range of level control products mentioned earlier or, alternatively, employing float switches or conductivity probes.

The WaterGuard PRO incorporates the capability to connect a high-level detector for triggering a high-level alarm. It also features volt-free contacts dedicated to remote signalling purposes, contributing to a highly versatile pump control unit

Specifically designed for removing water from crucial areas where water presence is undesirable, the system includes an audible warning alarm. This alarm can be activated or muted during pump operation. Additionally, there is a volt-free contact for pump operation.



### Features

- Motor control up to 9.3A FLC.
- Dual input voltage 230v or 110v (1ph)
- 'Mains On' LED indicator
- 'Pump Run' LED indicator
- 'High Level' LED indicator
- Audible Alarm c/w Mute button
- Designed for float or conductivity devices
- Adjustable run on timer for use with residue pumps.
- Compatible with T-T's Water Vole, Water Vole Pro, Pump Vole (with a float for HLA) and our full range of float switches.
- PCB mounted pump test button
- PCB mounted sensitivity selector for probes.
- Suitable of filling or emptying applications
- High level sensor facility
- Volt free contact for pump operation
- Volt free contact for high level

### Specification

- **Supply Voltage:** 230v + 10% - 20% 50Hz 6VA (optional 110v)
- **Output relay:** 9.3A inductive
- **Internal Fuse:** 20 x 5mm, 250mA Anti Surge
- **Run on timer:** 2 - 60 seconds
- **Sensitivity range:** 10K  $\Omega$  to 100K  $\Omega$
- **Terminal capacity:** 2.5mm<sup>2</sup> Max
- **Ambient temp:** -10°C to 50°C
- **Enclosure:** Weatherproof IP66
- **Enclosure Dimensions:** 130mm(h) x 145mm(w) x 60mm(d) (113mm x 113mm fixing centres, M4)

### WaterGuard PRO Level Control Options



Float Switch Operation



WaterVole Pro level controller



WaterVole level controller With PumpVole High Level



PumpVole level controller & High Level float