WaterGuard Controller

The WaterGuard is compact and versatile control and 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, or the PumpVole.

Suitable for dual input voltages, 230v or 110v single phase, the WaterGuard incorporates visual indicators for main power and pump running operation. These units are ideal for filling and emptying applications using our dedicated range of level control products as mentioned earlier or alternatively with float switches or conductivity probes.

The WaterGuard features an audible alarm that is selectable to either alert when the pump is operational, or remain silent. Ideal for notification upon detection of water in areas that should ordinarily stay dry, offering both early warning protection and dewatering in one unit. The panel has a mute function to silence the alarm during pump operation.
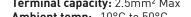
Features

- Motor control up to 9.3A FLC.
- Dual input voltage 230v or 110v (1ph)
- 'Mains On' indicator
- 'Pump Run' indicator
- Audible Alarm c/w Mute
- Filling or emptying applications
- Suitable for float or conductivity probe
- Compatible with T-T WaterVole & T-T PumpVole.
- Run on timer for use with residue pumps.
- PCB mounted pump test button facility
- Sensitivity selector for probes on PCB.

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 Ω to 100K Ω
- **Terminal capacity:** 2.5mm² Max
- **Ambient temp:** -10°C to 50°C
- **Enclosure:** Weatherproof IP66
- **Enclosure Dimensions:** 130mm(h) x 145mm(w) x 60mm(d) (113mm x 113mm centres, M4)

WaterVole connection to WaterGuard

WaterVole level controller

PumpVole level controller