

## MINI-CONTROLLER FOR WATER COOLERS

The MINI CONTROLLER is specially designed for use in Water cooler dispensers where water is sourced through a purification system like RO system or UV purifier.

### Working Principle

The unit is composed of two components

- a) Level sensing probe
- b) Controller

The probe is a magnetic float switch with sensors, a Low and a High with a gap of 20 cm between the two. This is suspended in the water tank of the cooler by means of a bracket.

The controller is fixed anywhere nearby, and is powered by standard single phase 5 amp socket.

The probe is connected to the controller by a wire through a plug and socket arrangement. A two meters wire extension is provided for this purpose.

The purifier is connected on to the socket on the controller shown in the picture attached.

As the level drops, the controller will supply 5 amp 220 V to the purifier and when the tank is full the unit shall be switched off.

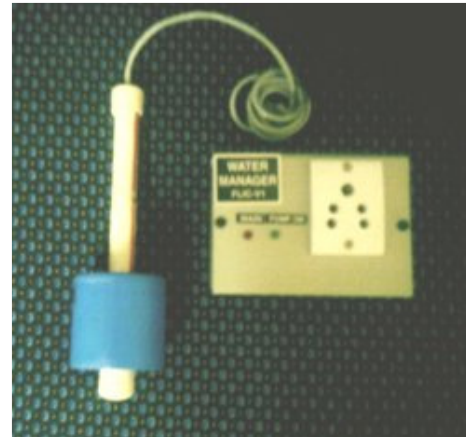
### Indications on the Controller

- a) A Red L.E.D. indicated the system ON
- b) A Green L.E.D. comes ON when the purifier is energized, but will remain off when not energized.

### Advantages of Mini Controller

1. There is no need to monitor and the system becomes fully automatic, with no necessity for caretaking staff.
2. Totally maintenance free. Being based on Magnetic level sensing, the sensors are not in direct contact with water and hence unaffected by water corrosion and therefore no service or maintenance is required.
3. Total peace of mind

# ACTIVE CONTROLS



### Specifications

#### Probe Unit

Made from CPVC stem (15 mm) with  
ABS actuating Float (60 mm X 60 mm)

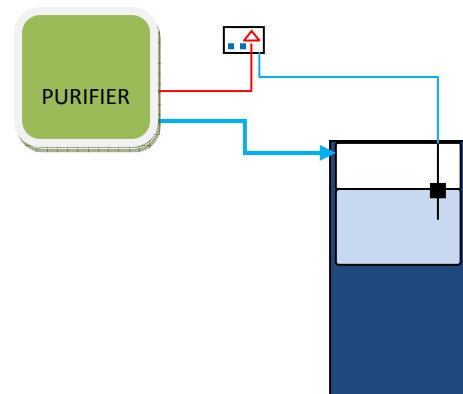
#### Controller

MS Cabinet: Powder coated

Supply Voltage : 220 V AC 5 amp

Internal Voltage : 12 V DC

Operating principle: Magnetic Float Switch



### Manufactured by

ACTIVE CONTROLS

1800 Giani Market

Opp D 58A, NDSE Part 1

New Delhi – 110003

Tel: 011 24621802, 09899379966

Email: [activecontrol@liquidlevel.co.in](mailto:activecontrol@liquidlevel.co.in)

[activecontrols@yahoo.com](mailto:activecontrols@yahoo.com)

website: [www.liquidlevel.co.in](http://www.liquidlevel.co.in)