

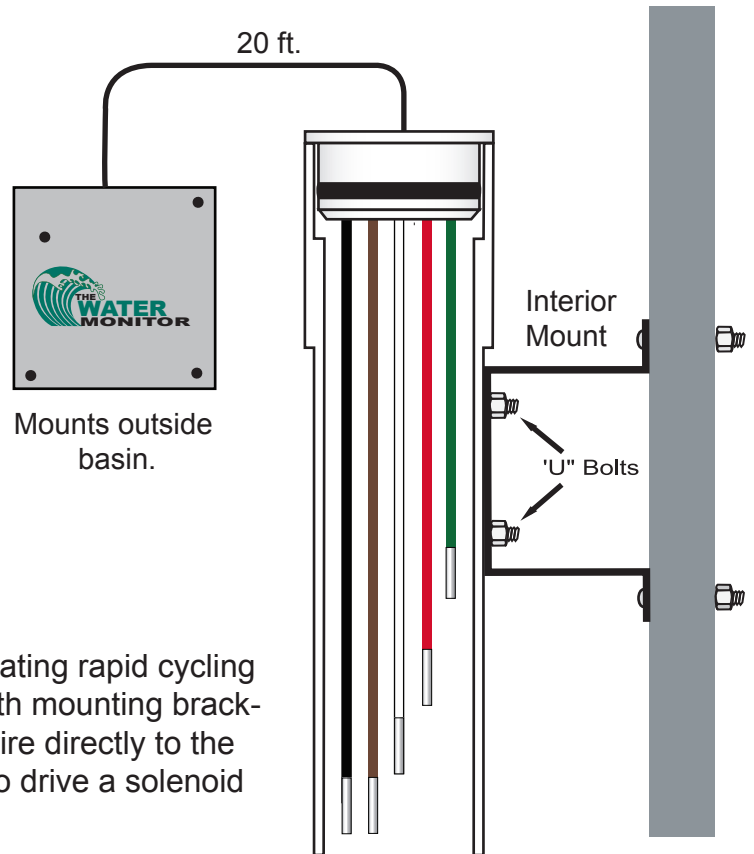


Our systems are self contained to provide a reliable means of basin water level control in your cooling tower, evaporative condenser or closed circuit cooler. The ease of service is accented by the plug in sensor relay and color coded connections.

Minor level adjustments are accomplished by loosening the mounting collar and sliding the controller sensor to the proper level.

The stilling chamber is designed to minimize the wave action that is in the basin water, therefore eliminating rapid cycling of the make-up valve. Easily mounted to the basin with mounting brackets and u-bolts. The sensor is offered separately to wire directly to the BMS or with 110 Volt power supply with relays sized to drive a solenoid valve directly.

Level controllers and stilling chambers are in stock for immediate delivery.



SPECIFICATIONS - Water Level Controller

ENCLOSURE:

NEMA 4X

Constructed of Glass-Filled Polycarbonate.

Flammability rating of U194V-1

Fully Gasketed Cover

1/2" Electrical Conduit Connection,`.

Relay SPDT:

Rated load 30A 250VAC, 20A 28VDC

Carry Current 30A Max.

Max. switching capacity 7,500VA 560W

All relay terminals are 1/4" male spade.

Electrodes:

Maximum Number of outputs - Up to 3 (including the common relay connection)

Output Type - same as supply voltage

Probe Voltage -2.0 VAC Max. at Approx. 7uA max.

Sensitivity - Approx. 200K Ohms

Supply Voltage - 5, 12 or 24 VDC

Termination Type - 20 ft. wired lead

Supply Current - 5mA total includes relay coil currents

Mounting:

3" PVC Slip Coupling with PVC pipe - mounting bracket internal mount. Optional external mount available.

SPECIFICATIONS - Stilling Chamber

Construction: 3" PVC body (internal)

Mounting: outside the Tower and mounts inside the tower with a stainless steel bracket

20 ft. COMBINATIONS OF CONTROLS

Water level alone (3 probe)

Water level with High Alarm (4 probe)

Water level with Low Alarm (4 probe)

Water level with High and Low Alarm (5 probe)

High & Low Alarm - no level control (3 probe)

High Alarm only - no level control (2 probe)

Low Alarm only - no level control (2 probe)

UNIVERSAL TOWER PARTS

2224 W Desert Cove Ave,

Phoenix, AZ 85029

(602) 997-0403

levi@universaltowerparts.com