


OSMONICS

Process Water Group

# 100 Series Cooling Tower Controllers

## Applications

The 100 Series Controllers are for use with cooling towers to control chemical feed and blowdown cycles.They can be used as a stand alone control or as part of larger systems. For example, as a data source in installations such as Building Managemnet Energy Systems.

## Features

- UL Listed
- Easy to read LCD display
- 4-20 mA output option for remote monitoring
- Flow Switch with flow sight
- Chemical pump and blowdown valve outlets
- Alarm Timer available
- Easy to set up and install
- Reliable and proven design
- Push Button Calibration Simulator

## General Specifications

Power .....115 VAC 50/60 Hz
Power Cord .....Included
Output Relay.....3 Amps Each
Ratings .....UL LIsted
Enclosures .....ABS and UV stabilized PVC

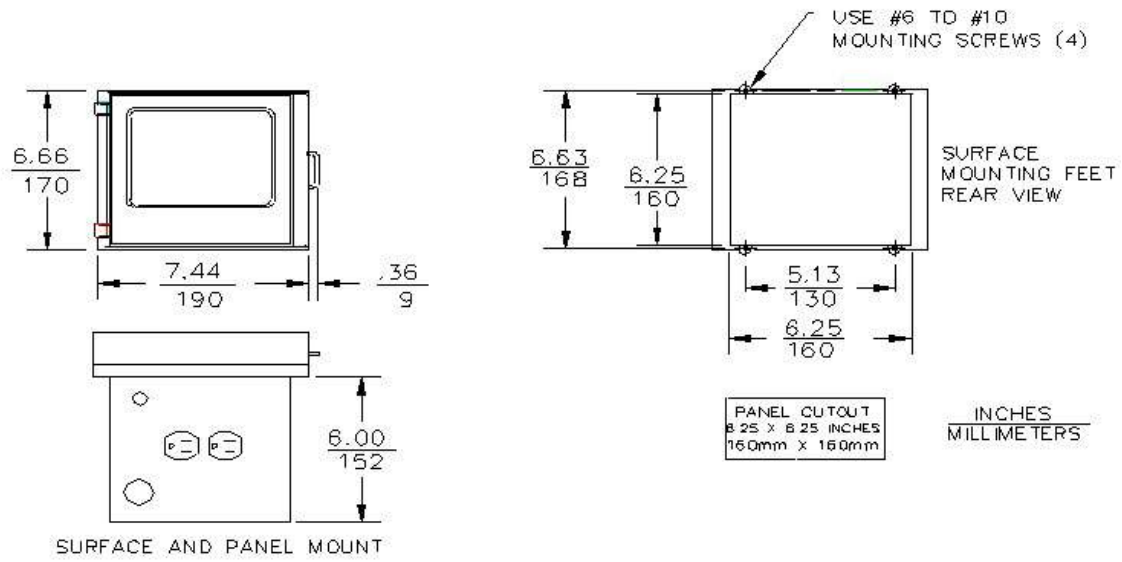
Outlets.....Duplex receptacle
Temperature Limit.....140ºF (60ºC)
Sensor Materials .....ABS
Sensor Electrodes .....High density carbon
Conductivity Range.....0-5000 µS standard

## Features and Benefits

| Model | 101 | 111 | 151 | 161 |
|---|---|---|---|---|
| Conductivity blowdown control | S | S | S | S |
| Alarm Timer | N/A | N/A | S | S |
| LCD Readout | N/A | S | N/A | S |
| Special conductivity range | A | A | A | A |
| 250 VAC 50/60 Hz power for export | A | A | A | A |
| Reverse set points on conductivity | S | S | S | S |
| Flow switch and flow sight with check valve | O | O | O | O |
| 4-20 mA output | O | O | O | O |
| Push Button Calibration Simulator | S | S | S | S |

S = Standard  A = Available  O = Optional  N/A = Not Available

## Technical Drawings




For More Information:
Call Osmonics Process Water Group at (800)-228-0838, or visit www.osmonics.com

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