* PULSAFEEDER

The MicroTrac is a microprocessor based feed and bleed toroidal conductivity controller designed to control conductivity and feed inhibitor in cooling tower systems. Featuring innovative toroidal sensor technology, the MicroTrac provides an economical control platform that is not susceptible to sensor fouling and never requires calibration! The MicroTrac toroidal conductivity sensor is factory calibrated for the life of the probe eliminating routine calibrations saves you valuable service time and money. By design, the MicroTrac toroidal conductivity sensor has no exposed electrodes, which means that there is nothing to wear out or foul. When installed according to the manufacturer's instructions, the need for routine sensor removal and cleaning is virtually eliminated.

The MicroTrac measures the conductivity of the cooling tower recirculating water via a toroidal conductivity sensor. The controller activates two independent relay outputs based on bleed and a selectable feed mode of operation. The MicroTrac conductivity controller has a 0 - 9,999 µS/cm range, making it ideal for other applications as well, such as rinse, industrial process, wastewater, etc.

Features

- Selectable rising or falling setpoint for open or closed loop control.
- Water meter pulse timer.
- Percent timer.
- % post bleed timer.
- Limit timer.

Controls



Timers

- Water Meter Pulse Timer
- Percent Timer
- % Post Bleed Timer
- Limit Timer

Operating Benefits

- · Easy to use.
- No calibration required.
- · Reduced potential for fouling.
- Easy Installation.
- Two year warranty.
- Large range: 0 9,999 μS/cm.
- Simple user interface.



Aftermarket

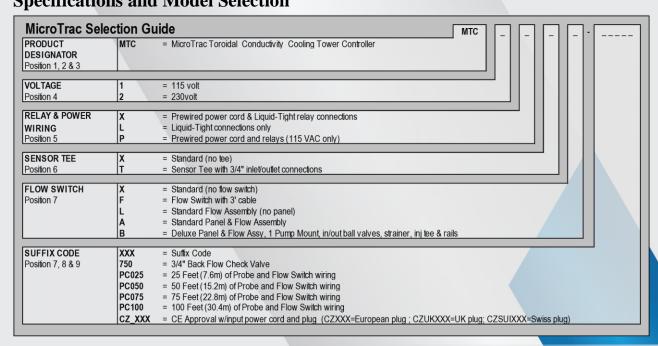
- Solenoids
- Motorized Ball Valves
- Water Meters
- Corrosion Coupon Racks
- Metering Pumps (PULSAtron, XP Series)







MicroTrac **Cooling Tower Controller Specifications and Model Selection**



Engineering Data Controller

NEMA 4X / IP65 Power Supply: 90VAC / 50/60Hz / 5A 250 VAC / 50/60Hz / 5A

Line Voltage @240VA per Relay **Control Output:**

(2 Amps @ 120VAC)

LCD Display:

Set Point Range: $0 - 9,999 \mu S/cm$

Set Point Differential (Hystersis): Fixed 5% below the set point

Engineering Data Flow Switch

122°F / 50°C Maximum Temperature: Maximum Pressure: 125 PSI (8.6 BAR)

Activate Flow Rate: Approximately 1 GPM / 3.78 LPM PVC and Glass filled Polypropylene Materials of Construction:

Engineering Data Sensor

Maximum Temperature: 122°F / 50°C

Temperature Compensation Range: 32°F - 122°F / 0°C - 50°C Maximum Pressure: 125 PSI (8.6 BAR) Sensor Type: Toroidal

15' / 4.5m Cable Length, Standard: 100' / 30.5 m Cable Length, Maximum:

Thread Size: 0.5" Standard thread-Excludes Tee and

Maximum Outside Diameter: 1.5" / 38mm-Excludes Tee and Reducer

Materials of Construction: Virgin Polypropylene

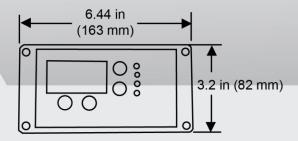
Custom Engineered Designs – MicroVision Panel Mount



Systems

Pulsafeeder's MicroVision Systems are designed to provide complete chemical feed solutions for all electronic metering applications. From stand alone simplex pH control applications to full-featured, redundant sodium hypochlorite disinfection metering, these rugged fabricated assemblies offer turn-key simplicity and industrial-grade durability. The UVstabilized, high-grade HDPE frame offers maximum chemical compatibility and structural rigidity. Each system is factory assembled and hydrostatically tested prior to shipment.

Dimensions







***PULSAFEEDER**