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PULSAFEEDER®



MicroTrac MicroVision

COOLING TOWER CONTROLLERS

SIMPLE, RELIABLE AND AFFORDABLE.



SIMPLE, RELIABLE, DEPENDABLE

MICROVISION AND MICROTRAC

Pulsafeeder simplifies advanced controller technology.

Pulsafeeder's line of Cooling Tower Controllers are designed for simplicity and reliability. Offering affordable, high performance MicroVision and MicroTrac Controllers are specifiable and intuitive. Pulsafeeder Cooling Tower Controllers provide you the control of your cooling tower system, with the ability to accurately control the level of dissolved solids, conductivity, makeup, corrosion inhibitor, biocide chemicals, feed inhibitor and much more. With multiple control options available in Pulsafeeder Cooling Tower Controllers we are sure to have a unit to fit your Cooling Tower needs.

MICROVISION & MICROTRAC
MICROPROCESSOR BASED CONTROL.

The MicroTrac is a feed and bleed, toroidal conductivity controller designed to control conductivity and feed inhibitors. MicroTrac measures the conductivity of the systems 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 cooling tower applications as well, such as rinse, industrial process, wastewater, etc.

Control options include:

- ***Conductivity with feed and bleed***

The MicroVision is a torodial conductivity controller with selectable timer and dual biocide control. Designed specifically for cooling tower applications, MicroVision comes standard with the features and functions you need for accurate monitoring and control of cooling tower water. The MicroVision is a full function controller in a compact package that won't break your budget!

Control options include:

- ***Conductivity Control***

TOROIDAL SPECIFICATIONS

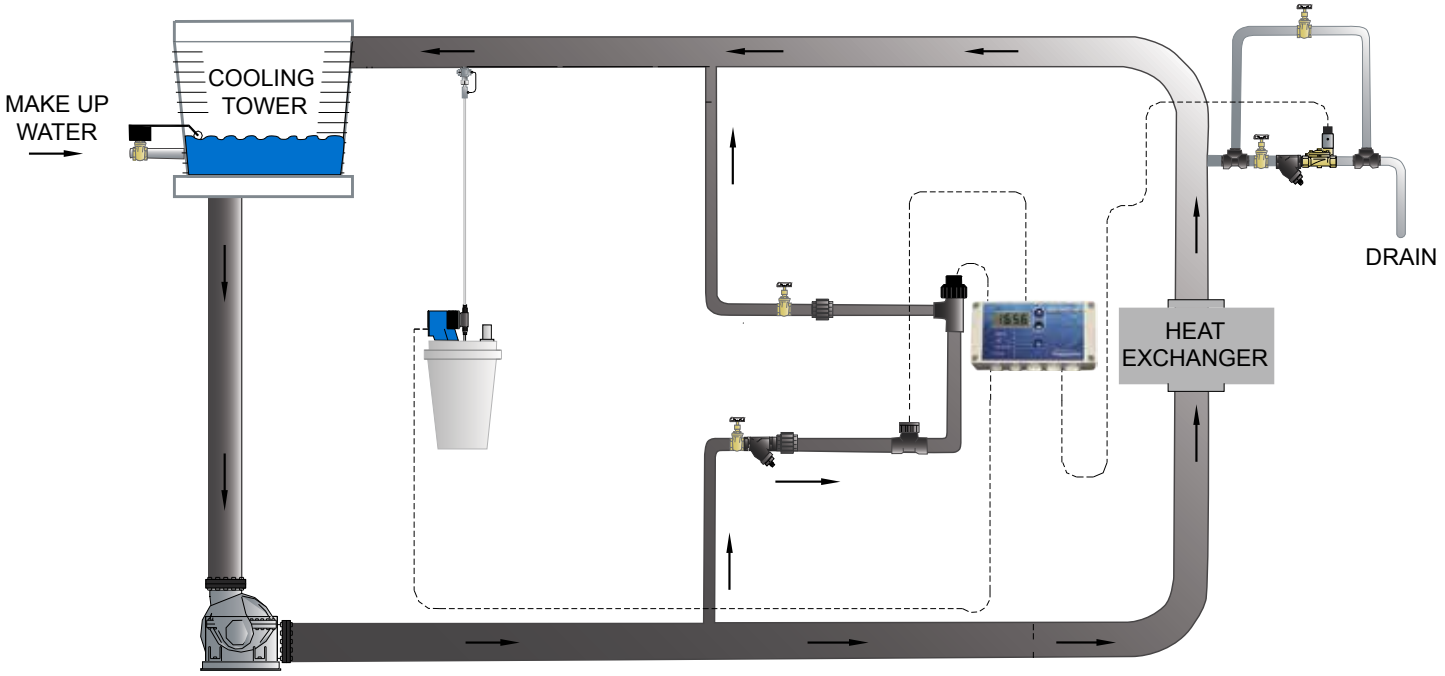
- Maximum Temperature: 122^{0}F / 50^{0}C
- Temperature Compensation Range: 32^{0}F - 122^{0}F / 0^{0}C - 50^{0}C
- Maximum Pressure: 125 PSI (8.6 BAR)
- Sensor Type: Toroidal
- Cable Length, Standard: 15' / 4.5 m
- Cable Length, Maximum: 750' / 228.6 m
- Materials of Construction: Virgin Polypropylene

INNOVATIVE TOROIDAL SENSOR TECHNOLOGY.

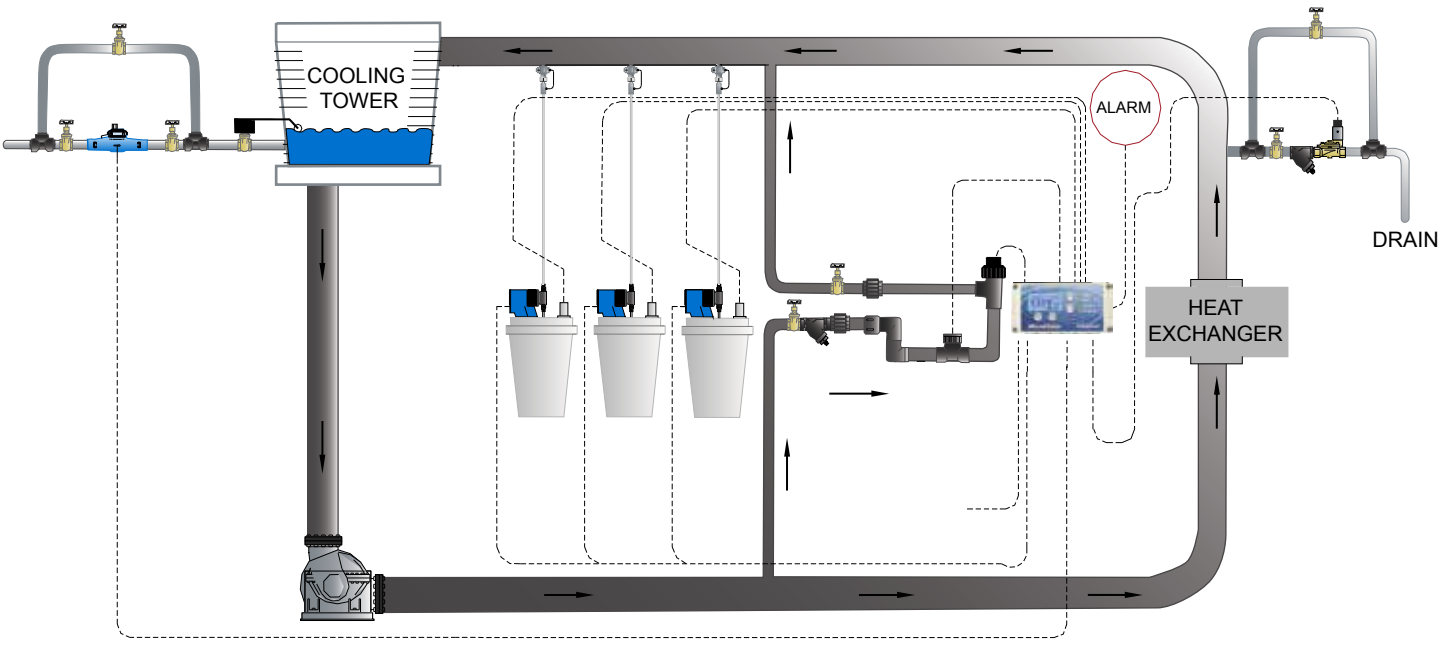
Pulsafeeder's toroidal conductivity sensor, factory-calibrated for the life of the probe to eliminate routine calibrations and save you valuable service time and money. Because the sensor features no exposed electrodes, cleaning, downtime and erroneous conductivity readings are eliminated when installed according to the manufacturer's instructions.



MICROTRAC TYPICAL APPLICATION



MICROVISION TYPICAL APPLICATION



TTYPICAL INSTALLATION INCLUDES

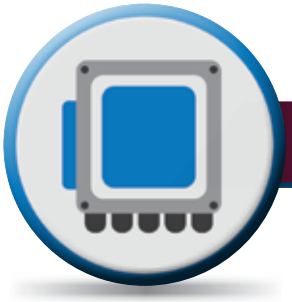
- Solenoid Valve
- Water Meter
- Isolation Valves
- Metering Pumps

All Available from Pulsafeeder!



FEATURES & FUNCTIONS
TO BETTER SERVE YOUR CUSTOMERS.

As a longtime recognized leader in fluids handling technology, Pulsafeeder is setting the standard for the development of controller technologies through our proven MicroTrac and MicroVision control platforms. Rely on our MicroVision and MicroTrac controllers for features that allow you to better serve your customers' specific needs — all while making your job easier.



SIMPLE PROGAMMING, **EASY** TO INSTALL AND USE.

- Soft keys touch pad programming
- Intuitive menus make program adjustments easy & understandable
- Pre-wired and conduit connection options make easy installation
- Large graphical display
- LED function indicators
- Touch pad program keys provide clear and precise system information



TOROIDAL CONDUCTIVITY PROBE BRINGS **SUPERIOR RELIABILITY AND SAVINGS.**

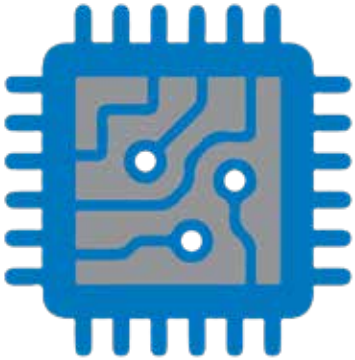
- Factory-calibrated and maintenance-free for the life of the probe
- Not susceptible to sensor fouling, which eliminates cleaning downtime and erroneous conductivity readings
- No annual replacement needed
- No exposed electrodes
- No need to complete routine calibrations, which saves time and money and reduces downtime for your customers



ROBUST AND HEAVY DUTY.

- NEMA 4X rated enclosure
- Easy installation
- Battery backup
- Two year warranty





MicroVision

FEATURES AND BENEFITS.

SELECTABLE TIMERS

Limit
Percentage
% Post bleed with limit
Water meter
Dual biocide control

DIGITAL INPUTS

Flow switch
3 Drum level
Dry contact water meter
Hall effect

OUTPUTS

4-20 mA isolated analog
Dry contact alarm
Bleed (Solenoid valve or motorized ball valve)

STATISTICS SCREEN

Relay run time

CONTROLS.

BLEED

Solenoid valves, or motorized ball valves.

FEED

Inhibitor

BIOCIDES

Dual biocide with pre-bleed, lockout, inhibitor interface, and four programmable start times per biocide

MicroTrac

FEATURES AND BENEFITS.

LARGE RANGE

0-9,999 uS/cm

SETPOINTS

Selectable rising or falling.
Open or closed loop control.

CONTROLS.

TIMERS

Water meter pulse timer
Percentage timer
% Post bleed timer
Limit timer

SYSTEM OPTIONS



FLOW ASSEMBLY

Optional

- 125 psi max
- Available with or without panel



STANDARD PANEL AND FLOW ASSEMBLY

Optional

- Flow Assembly per mounted on poly panel
- Quick, simple installation



PANEL MOUNTED WITH PUMPS

Optional

MICROTRAC, PANEL & FLOW ASSEMBLY

- includes1 pump mount, in/out ball valves, strainer, inj. tee & rails

MICROVISION, PANEL & FLOW ASSEMBLY

- includes from 1 to 3 pump mount(s), strainer, sensor tee, inj. tee(s) & rails

PULSAFEEDER®

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