Micro Vision Cooling Tower Controller



MicroVision Conductivity Cooling Tower Controller

Standard with Toroidal Sensor Technology!

The *MicroVision* is a microprocessor-based 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! Check out these features:

- Toroidal conductivity sensor
- Large graphical display with large, easy to read font
- Simple four button user interface
- Compact size
- Selectable timer (limit, %, % post bleed, and water meter)
- Dry contact/Hall Effect water meter input
- Dual biocide with pre-bleed, lockout, inhibitor interface, and four programmable start times per biocide
- Flow switch input
- (3) drum level inputs
- 4-20 mA isolated analog output
- Dry contact alarm output
- Agency approved
- NEMA 4X enclosure
- Battery backup



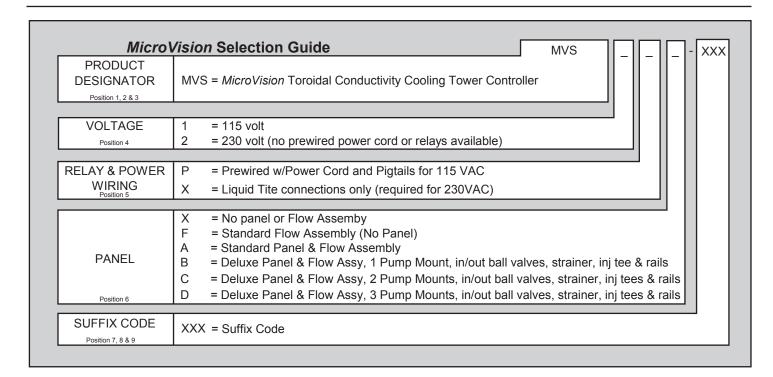
Operating Benefits

- Easy to use. Simple user interface and large graphical display means easy and intuitive set-up and programming.
- No need to recalibrate. MicroVision's toroidal sensor technology saves you valuable service time and money by eliminating routine calibrations.
- Reduced potential for fouling. By design, the MicroVision toroidal sensor has no exposed electrodes, which means that there is nothing to wear out or foul.
- Easy installation. With pre-wiring and panel mount options, installation is quick and easy.
- 2 year warranty
- Large range: 0 9,999 μS
- Compact size saves space and reduces freight costs





MicroVision Model Selection



MicroVision Specifications

Controller Specifications

Enclosure	NEMA 4X / IP65
Dimensions	4.73" x 2.28" x 3.15" (120 x 58 x 80 mm)
Power supply	120VAC / 5A or 230 VAC / 5A
Control Output	2 amps per relay
Display	LCD
Set Point range	0 - 9,999 μS

Sensor Specifications

Maximum Temperature	125°F (52°C)
Temperature Compensation Range	32 - 125°F (0 - 52°C)
Maximum Pressure	125 psi (8.6 BAR)
Sensor Type	Toroidal
Cable Length, maximum	15' (4.5 m)
Materials of Construction	Virgin polypropylene





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