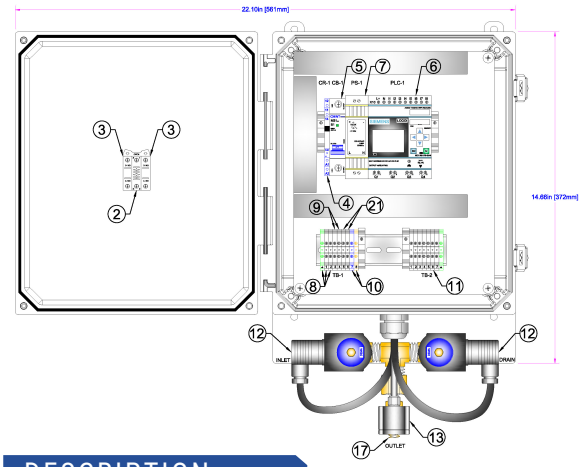
INTELLI-ZONE CONTROLLER





- Individual Zone Control
- Programmable
- One Pump Module/ Multiple Zones
- Customized Settings

DESCRIPTION

The MicroCool programmable Intelli-Zone Controller is designed to manage multiple cooling or humidity zones from one pump module. The controller can be used on its own or easily integrates with any climate controller or BMS (Building Management System). On activation, the unit sends a start signal back to the pump unit so fogging can start immediately.

The Controller's most unique feature is the ability to adjust the drain valve timer. The timer can be set to relieve enough pressure in the system to close the anti-drip nozzles, preventing dripping when the fog cycle is completed. This also allows the lines to quickly return to operating pressure and capacity. This saves water (especially R.O. water) and electricity costs. The adjustable delay virtually eliminates "system hammer" which can occur when a high-pressure valve closes suddenly.

The unit can also operate on its own to control time schedules for operation 3 x 7day 24hr clock/cycling/pulse control and a one-shot timer. Used with MicroCool's Vector Climate Controller, precise humidity and temperature setpoints can be entered into the Vector which sends a "demand" signal to the Intelli-Zone Controller.

An important safety feature is the Controller's automatic drain. Every 24 hours of non-operation, the drain valve will open to remove all water in the lines. This feature ensures that most water is removed from the system to prevent water stagnation (depending on the layout of the system).

SPECIFICATIONS

Width: 11.28 inches / 286.5 mm	Amps: 1.46A @ 120V
Height: 14.66 inches / 372.36 mm	Flow: Max 7 US gpm / 26.5 lpm
Depth: 7.12 inches / 180.85 mm	Operating Pressure: 1,000 psi / 69 bars
Weight: 15 lbs / 7 kg	Pressure Loss: 15 psi / 1 bar @ 7 GPM
Control Signal Voltage: Dry contact/ powered control signal available on request 220VAC, 120VAC, and 24VAC/VADC	Cabinet: Polycarbonate, Wall Mounted Connection Size: 1/4 or 3/8 inch
Solenoid Voltage Options: 110 volt 1 phase / 220 volt 1 phase	UL Panel Listed: 508A

Warranty

MicroCool warrants that the goods to be delivered will be of the kind and quality described in the sales order or contract, and will be free of defects in workmanship or material. Refer to the Intelli-Zone Controller Installation & Maintenance Manual for full terms of limited warranty.

Availability & Cost

MicroCool equipment is available across North America, South America, Europe, Asia, Africa and Australia either directly or through distributors. Contact MicroCool about availability and pricing information.

Installation & Maintenance

Refer to the Intelli-Zone Controller Installation & Maintenance Manual for complete installation instructions and system maintenance requirements.

MICROCOOL

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World leaders in fog and mist technology for cooling, humidification, air quality control

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