



- Control Fogging by Zone
- Programmable
- One Pump Module/ Multiple Zones

DESCRIPTION

The MicroCool programmable Zone Controller is designed to divide areas into separate zones allowing maximum control of humidification and cooling. The Controller consists of two solenoid valves and a PCL (Programmable Logic Controller). The high-pressure inlet solenoid will remain in its normally closed state until a signal is received from a remote device such as a BMS (Building Management System) or thermostat/humidistat.

Meanwhile, the drain solenoid, which is resting in its normally open position, will begin to close as the inlet starts to open. When the call for humidity or cooling has been satisfied, and the signal to the Controller is removed, the high-pressure inlet solenoid will close, but the opening of the drain solenoid will be slightly delayed allowing the nozzle line pressure to decrease from 1,000 psi (70 bars) to a reasonable level before opening. This delay (which can be adjusted to accommodate system parameters) virtually eliminates all possibility of a “system hammer” which can occur when a valve closes suddenly, creates pressure, and results in noise, vibration, or line collapse.

- **Illuminated “Manual / Off / Auto” switch** — mounted in the center of the door panel for easy access

SPECIFICATIONS

Width: 10 inches / 254 mm	Flow: Max 7 US gpm / 26.5 lpm
Height: 14 inches / 356 mm	Operating Pressure: 1,000 psi / 70 bars
Depth: 8 inches / 203 mm	Pressure Loss: 15 psi / 1 bar
Weight: 15 lbs / 7 kg	Cabinet Construction: Polycarbonate
Control Signal Voltage Options: 240 volt AC/DC / 110 volt 1 phase	Footprint Area: 1 sq. foot / 93 sq. mm
Solenoid Voltage Options: 110 volt 1 phase / 220 volt 1 phase	UL Panel Listed: 508A
Amps: < 1 amp	Connection Size: 1/4 or 3/8 inch

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 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 Zone Controller Installation & Maintenance Manual for complete installation instructions and system maintenance requirements.



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



800-322-4FOG
+1 760-322-1111