

Cooling tower heaters and control panels provide maximum cooling tower freeze protection

Heater Performance Features

- Wattages up to 18 kW on stocked units
- Custom wattages available
- Watt densities up to 75 W/in²
- Voltages up to 600 V
- 2" NPT fitting (other sizes available)
- Stainless steel units available
- Brass/Copper units available
- Cast aluminum weatherproof enclosure
- Wire lead connections

Highlights

360° Repressed Element Bends

Complete repress for added dielectric strength

.035 Element Walls

Heavy sheath wall for added corrosion resistance

Element Spacers

Maintain element separation reducing element hotspots

Optional Single Blow Thermal Fuse

Additional over-temperature heater protection

Custom Element Sheaths

Additional element sheaths available for corrosive environments



FastTrack
Availability



Our products do more in a wide range of applications. **Expect More.**

Cooling tower control panels include a single probe to sense both water and temperature

Panel Performance Features

Solid-State control

Pre-set 45° F On/Off temperature control with 5° F switching differential and built-in low water cutoff. Circuit board LED's provide visual indication of heater-on and liquid level status.

Ambient Temperature Range

-40° F to 150° F

Fail Safe

Output relay is de-energized if the input sensor is either open or short-circuited preventing heater burnout problems.

NEMA 4X Enclosure

Includes pre-mounted electrical hubs for conduit connections.

Single Probe with Dual Sensing

Senses both water temperature and water level. Sensor probe supplied with 12 ft outdoor rated cord pre-wired to control board. Probe also supplied with PVC hub connector for attachment through cooling tower basin wall.

Remote Interlock Terminal Block

A means of safeguarding to prevent operation if an interlock is open.

Highlights

Lower Cost

Installation time and cost are reduced by replacing individually mounted temperature and liquid level control devices with one pre-engineered and assembled control package that requires only one probe to sense both water temperature and level.

Probe Construction

Constructed out of 316 SST tubing and 304 SST fitting to minimize corrosion. Probe can be installed horizontally or vertically with a pressure rating of 15 psi.

Standard Options

Door disconnect, fusing, circuit breaker, fusing with door disconnect, and circuit breaker with door disconnect.

Custom Options

Direct immersion cords, custom cord lengths up to 125 ft, 0° F - 100° F adjustable control board, 304 SST enclosure, low temperature and/or low water alarm signaling.

