

# FLUID COOLERS



# **CONSTRUCTED FOR ALL CLIMATES**

- Fully assembled and stress tested at the factory
- Heavy-gauge galvanized steel protects against corrosion
- Weathertight control panel provides protection against harsh elements



# **ADVANTAGES**

- Easy installation and service
- Low operating cost
- Multiple configurations and options available
- Recirculating fluids prevents corrosion, scaling, and freeze damage in piping
- Closed-loop system eliminates additional water cost
- No water treatment necessary after initial set up
- For use with propylene or ethylene glycol and a variety of refrigeration oils







# **Fluid Coolers**

#### ENGINEERED TO MEET THE TOUGHEST INDUSTRY DEMANDS

#### **Designed to Meet Exact Fluid Cooler Requirements**

#### **Industry Applications**

- Chemical and petrochemical process systems
- Ethanol, biodiesel, and/or gasoline refineries
- Supermarkets
- Pharmaceutical
- Plastics, lasers, and coolants for automotive processing
- Laser, stamping, welding, and hydroforming for metal working
- Other solutions include paint lines, bottling plants, power generation, and laser welding

#### **Process Cooling Applications**

- Extruders, presses, smelters, liquid injection molding, and plating operations
- Data centers in colder ambient environments utilizing "free cooling" of glycol with commercial HVAC

### **KEY FEATURES**

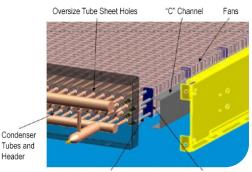
- High-efficiency fan motors
- Multiple fan/motor combinations
- Up to 7 fans with single arrangements
- Up to 14 fans for double row arrangements
- High efficiency coils with copper tubes expanded into aluminum fins
- NEMA 3R control panel
- Available in 8, 10, or 12 fins per inch
- Helium leak tested
- Standard phase monitor protects the fan motors from potential phase loss/imbalance in the power supply, ensuring increased reliability and a long life.
- Optional vent and drain connections
- Optional Vspeed variable speed motor solution available for accurate temperature control and energy savings
- Optional hinged fan panel provides easy access for fan cleaning, maintenance, and inspection
- Optional Electrofin or Heresite coils available for coastal area applications
- Painted housing available



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Stainless Steel Support Tubes

Truncated Tube Sheet

Levitor coil design to eliminate tube wear while reducing sound levels.

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