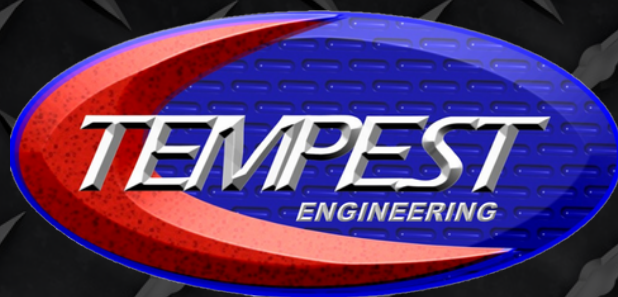


# **ICE**

**INDUSTRIAL CHILLER EQUIPMENT**

**PHARMACEUTICAL  
BIOSCIENCE  
APPLICATIONS**

**CUSTOM  
ENGINEERED**



**INDUSTRIAL  
REFRIGERATION  
SYSTEMS**





## INDUSTRIAL CHILLER EQUIPMENT

ENERGY EFFICIENT | ENVIRONMENTALLY FRIENDLY | ECONOMICALLY RELIABLE

## EQUIPMENT OPTIONS

### ULTRA-LOW TEMPERATURE INDUSTRIAL CHILLERS

**-100°F (-73.3°C) to -60°F (-51.11°C)**

- Freon Cascade Systems (R-507/R-508b)  
-70°F (-56.7°C) to -60°F (-51.11°C)
- Hydrocarbon Cascade Systems (R-290/R-170)  
-70°F (-56.7°C) to -60°F (-51.11°C)
- Liquid Nitrogen Exchange Systems  
-100°F (-73.3°C) to -71°F (-57.22°C)

### LOW TEMPERATURE INDUSTRIAL CHILLERS

**-55°F (-48.3°C) to -20°F (-6.7°C)**

- Single Stage Compressor Configuration  
-40°F (-45.5°C) to 20°F (-6.7°C) fluid
- Two Stage Compressor Configuration  
-40°F (-45.5°C) to -55°F (-48.3°C) fluid

### MEDIUM TEMPERATURE INDUSTRIAL CHILLERS

**21°F (-6.1°C) to 55°F (12.8°C)**

- Single Stage Compressor Configuration
- Large Range of Load Capacities
- 2 Ton Low End Capacity
- 850 Ton High End Capacity

### APPLICATIONS

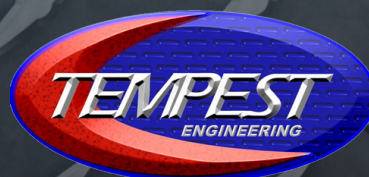
- Single point reactors (Jacket Cooling)
- Reactor trains (50 gallons to 5000 gallons)
- Vent condensers
- Lyophilizers
- Extraction
- Cold Storage

### CUSTOM CHILLER CONFIGURATIONS

- Air Cooled Condenser System
- Water Cooled Condenser System
- Evaporative Cooled Condenser System
- Direct Expansion Evaporative System
- Thermal Fluid Selection



ALSO AVAILABLE



ENGINEERING &  
MAINTENANCE SERVICES  
AVAILABLE