

3:ICE

INDUSTRIAL CHILLER EQUIPMENT



BALANCING PROCESS TEMPERATURE CONTROL





INDUSTRIAL CHILLER EQUIPMENT

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:

- 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

Natural Refrigerant Industrial Chillers:

- Ammonia (NH₃/R-717) Chiller
- Propane (C₃H₈/R-290) Chiller
- Carbon Dioxide (CO₂/R-744) Chiller

Specialty Chiller Applications

- Ice Rink Chillers
- CBD Oil Extraction Chillers
- Combination Chiller/TCU Systems
- Test Chamber Chillers (R&D)
- Explosion Proof Chillers Class I, Division II
- Process Fluid Pumping Systems
- Containerized Chiller Systems

Other Preferred Refrigerant Industrial Chillers:

- R-134a, R-507, R-1234ze, R-1234yf

Custom Chiller Configurations:

- Air Cooled Condenser System
- Water Cooled Condenser System
- Evaporative Cooled Condenser System
- Direct Expansion Evaporator System
- Flooded Evaporator System
- Thermal Fluid Selection based on application



TEMPERATURE CONTROL UNITS

ALSO AVAILABLE