

INDUSTRIAL CHILLER EQUIPMENT

COLD STORAGE FRIGERA EATIONS

CUSTOM ENGINEERED



INDUSTRIAL REFRIGERATION SYSTEMS







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 SPECIALTY CHILLERS

21°F (-6.1°C) to 55°F (12.8°C)

- Class 1 Div 2 Special Electrical Classification
- Special Materials of Construction
- Special Environmental Conditions
- Specialty Process Applications

APPLICATIONS

- Pharmaceutical Storage
- Food & Beverage Storage
 - Cooler Chillers require around 34°F to 50°F of cooling
 - Freezer Chillers require around -20°F to +10°F for storage until truck loading

TYPICAL FOODS STORED

- Dairy
- Cheese and Whey
- Prepared Foods
- Frozen Foods
- Bread Products
- Beverage Juice, Soft Drink, Health Drinks
- Ice Cream

CUSTOM CHILLER CONFIGURATIONS

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



TEVPEST ENGINEERING

ALSO AVAILABLE

ENGINEERING &
MAINTENANCE SERVICES
AVAILABLE