



Packaged Ammonia Chiller Systems



Explosion Proof  
Low Temperature  
Chiller System



Validated Pharmaceutical  
Chiller with Screw Compressors



Two Stage Low Temperature  
Chiller System

**INDUSTRIAL DUTY PACKAGED  
AIR AND WATER COOLED CHILLER  
MODULES AND  
PUMPING STATIONS**



Complete Refrigeration Plants



Ammonia Recirculation System

- Transportable Systems from 1/2 to 20 Tons
- Packaged air cooled systems from 20 to 160 tons
- Water cooled packages from 20 to 1,000 tons
- Evaporative condenser systems and modules from 100 tons and up
- Standard and custom chiller pumping package support equipment from 3 to 3,000 GPM.
- Reservoir Designs in Polyethylene, polypropylene, fiberglass, fabricated coated carbon steel or stainless steel



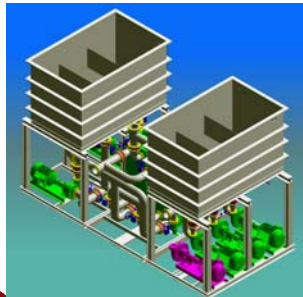
R-507 Reciprocating  
Chiller System





## CENTRAL REFRIGERATION

- Custom Engineered Designs to meet application requirements for heat removal, temperature, flow and environmental considerations
- Specializing in Low Temperature Systems, Tight Temperature Control, Batch Processes & Large Loads
- Fully packaged with single point electrical and supply and return connections for ease of installation
- Screw and Reciprocating Compressor designs complete with motor starter oil delivery and cooling systems
- Flooded or Direct Expansion Evaporators; Custom Designs for product contact
- Water cooled indoor and outdoor, Air cooled indoor, outdoor & split, or Evaporative Condensers
- One Ton to 1,000 Ton Systems down to -40 degrees for conventional refrigeration
- Two Stage and Cascade Systems for set-points below -40 to -100 degrees F
- Ammonia re-circulation systems



TEMPEST specializes in designing refrigeration systems to fit your particular unique critical process needs whether the unit is for a medium or low temperature application, lab unit or a scaled up version for mass production. Our engineering and manufacturing experience in ammonia and Freon refrigeration is second to none. Packaged systems save costs associated with field erection. Providing single source integrated mechanical/electrical systems for process incorporation.

- Engineers and Fabricators experienced in food, pharmaceutical and fine chemical applications, controls, mechanical piping and refrigeration
- Systems are designed for continuous duty in rugged industrial designs
- ASME Section IX code welders in GTAW, GMAW, SMAW & Orbital welding for stainless and carbon steel pipe. Process piping designs available in ANSI B31.3, refrigeration piping in ANSI B31.5
- Underwriters Laboratories 508 certified electrical control panels
- Project services available include: Validation, Material and Operation Certification, Equipment Approval Drawings, Component Data Sheets, Installation & Operating Manuals, Start Up Service, After the Sale Engineering Support



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