



CARBON DIOXIDE REFRIGERATION CUSTOM-BUILT EQUIPMENT

Manufacturer of Heat Transfer and Refrigeration Equipment



We offer the following for your CO₂ applications:

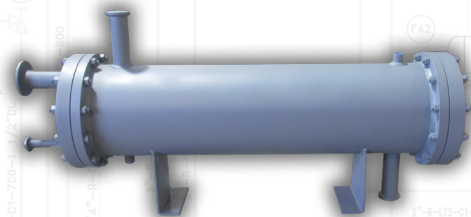
- Low charge CO₂ Cascade Condensers (with Ammonia, Freon or others)
- Process Chillers (Flooded, DX, Spray)
- Pressure Vessels
- Oil Rectifiers (Shell and Tube)
- CO₂ Pump Recirculator Packages
- CO₂ Shell and Tube, Shell and Plate Condensers
- Transcritical CO₂ Gas Coolers (Shell and Tube)
- Low Charge CO₂ Shell and Tube Evaporators
- Vertical Low Charge CO₂ Evaporators

Various industries where our CO₂ equipment has shipped include (not limited to):

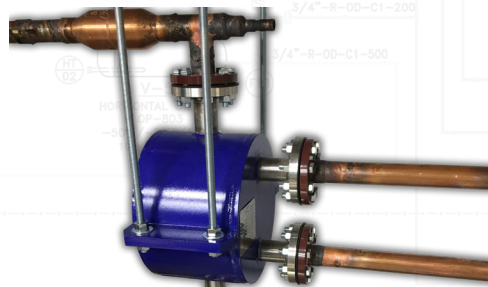
- Cold Storage
- Food and Beverage
- Marine Refrigeration
- Recreational Refrigeration
- Heat Pump District Heating
- Chemical and Petrochemical
- Super Critical CO₂ for high efficiency Power Generation



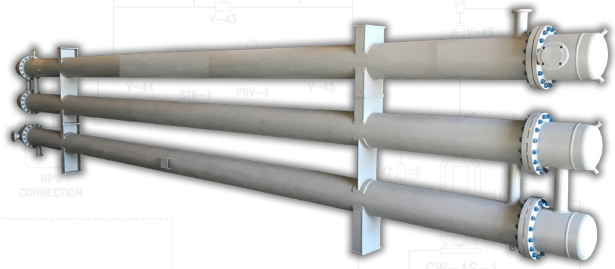
Shell and Tube Oil Rectifier



Low Charge Enhanced Surface Shell and Tube NH₃-CO₂ Cascade Condensers



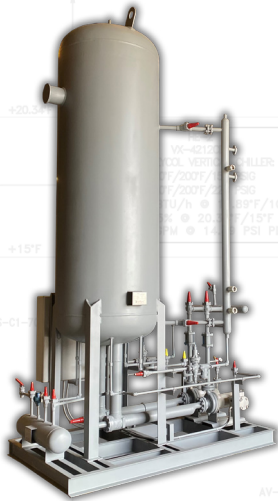
Shell and Plate CO₂ Evaporator



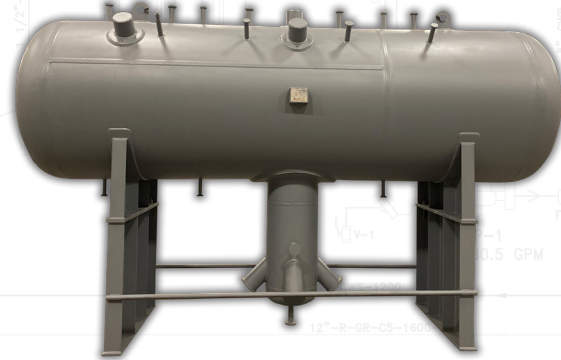
Transcritical CO₂ Gas Cooler for Heat Recovery



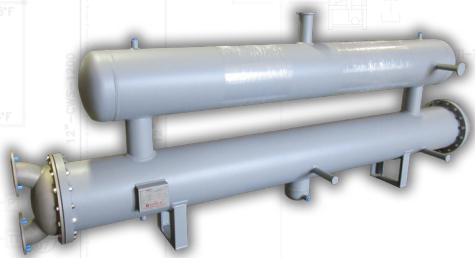
Shell and Tube Flooded U-Tube NH₃-CO₂ Cascade Condenser for Food Plant



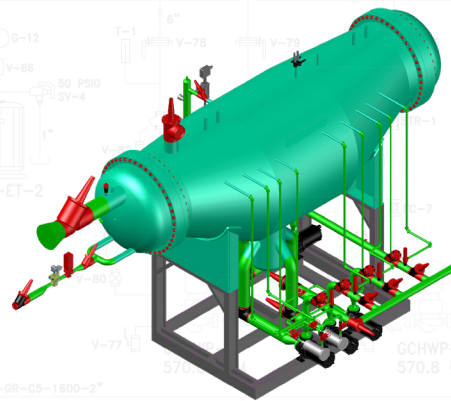
CO₂ Pump Recirculation Package



Low Pressure Receiver for Cold Storage



CO₂ Flooded Evaporator for RSW Fishing Trawler



CO₂ Condenser / Receiver Combo Skid Package

NEW & INNOVATIVE PRODUCT

- Low Charge
- Only Two Gaskets
- Smaller Footprint
- Design Pressure 5,000 psig
- Surge Drum Not Required
- Level Control Not Required
- Maintenance Free

Vertical Low Charge CO₂ Chiller for Food Process



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