



Mega

Custom packaged refrigeration system
for outdoor use

Swept Volume from 80 m³/h to 4000 m³/h



Air
Condensed



Outdoor
installation



Screw
compressors



Natural
Refrigerant

The MEGA custom packaged refrigeration system from ENEX INDUSTRIAL is suitable for outdoor use. Using highly sustainable R717 refrigerant, the MEGA system can be configured for air-cooled, water-cooled or cooled by evaporative condenser with a flooded chiller, direct expansion or pumped. Ideal for industrial applications where no indoor plant room is available.

FEATURES

- 1 to 3 compressors in parallel
- Wide range of evaporating temperature (one or two levels)
- Bespoke walk-in enclosure for ease of maintenance
- ATEX extraction fan to dissipate the heat generated by the motors (temperature controlled)
- Air intake vent
- NH₃ leak detection unit
- Painted steel drip tray
- Stainless steel 304L piping for water/brine circuit
- Common pressure relief valve headers with flanges on the enclosure wall
- Insulation of cold parts by injection of polyurethane foam under aluminum cladding
- Electrical cabinet with industrial PLC

OPTIONS

- Multiple Compressor brand: Mycom, Bitzer, Srmtec, GEA, Howden, Vilter
- High efficiency motor
- **Condensing options:**
 - Dry air condenser
 - Adiabatic condenser
 - Evaporative condenser
 - Water condenser with dry cooler and pump skids
- **Cooling options:**
 - Flooded evaporator for fluid cooling
 - NH₃ pumping system
 - Direct expansion
- **Heat recovery options:**
 - Heat recovery oil cooler
 - Heat recovery desuperheater
 - Heat recovery condenser

APPLICATION



Food storage



Food processing



Ice rink



Industry



Winery & Brewery



Oil & Gas



District cooling