

Air Cooled Package Chiller With Tank and Pump

Standard Features

- Heavy duty welded, tubular steel frame with high gloss powder coat finish and laminated polyethylene cabinet
- U.L. Listed, and EPA Compliant, eco-friendly R410a refrigeration condensing unit
- Single refrigeration circuit with Copeland scroll compressor with crankcase heater
- Air cooled, high ambient, vertical discharge, condensers for 100°F ambient with fan cycle control
- Weather proof electrical panel with single point power connection and 24 vac control circuit
- Remote control panel for indoor installation provides lighted on/off switches and digital thermostat
- High performance coaxial evaporator with inner copper tubing and protective steel shell. UL and ASME listed coil is insulated against condensation with expanded foam
- Auto reset low pressure safety; manual reset high pressure safety
- Externally equalized thermal expansion valve, liquid line filter drier, and sight glass
- Low water flow compressor interlock safety locks out compressors in low flow condition
- Non-ferrous water lines with FPT connections insulated with 1/2" closed cell insulation
- 26 gallon, high density, polyethylene reservoir insulated with 1/2" closed cell insulation
- High head centrifugal process pump rated at 40 psi at 2.5 GPM/ton
- Warranty: one (1) years limited parts, five (5) years limited compressor warranty
- Systems leak checked, pressure tested, run tested under load and shipped operation ready.

Options & Accessories

- Receivers for 90% refrigerant storage (heated and insulated for temperatures below 30°F ambient)
- Condenser coil coating for corrosion protection in coastal areas
- Fan speed control to maintain steady head pressure in cold ambient
- Cabinet mounted glycerin filled fluid supply pressure gauge
- Cabinet mounted, glycerin filled refrigeration pressure gauges
- Cabinet mounted, analog fluid inlet and outlet gauges
- Inhibited propylene glycol concentrate or 65% / 35% premix in 55 gallon drums or 5 gallon carboys
- Castors for portability
- Factory authorized technician for startup and training



| Electrical Data | | |
|------------------------------|------|---------------|
| Power Supply: 4603/60 | | |
| Compressors: | LRA: | 2 @ 100 Amps |
| | RLA: | 2 @ 12.2 Amps |
| Fan Motor: | FLA: | 3 @ 4.2 Amps |
| Pump Motor: | H.P. | 2.0 |
| | FLA: | 4.3 Amps |
| Total Circuit: | FLA: | 32.9 Amps |
| | MCA: | 39.1 Amps |
| | MOP: | 45 Amps |

| Physical Data | |
|----------------------------|-----------------------------|
| Dimensions: | 93"L x 44"W x 74"H |
| Ship Weight: | 2130 lbs. |
| Minimum Clearances: | 30" All Sides 60" above Top |
| Noise Rating: | 77 dBA @ 10 feet |
| Fans CFM: | 12,000 cfm @ 125°F |
| Tank Capacity: | 150 Gal. (Atmospheric) |
| Connections: | 1.50" FPT CHWS and CHWR |