

Recirculating - Air Cooled Chiller (with Tank and Pump)

Standard Features

- U.L. Listed, and EPA Compliant, eco friendly R410a refrigeration condensing unit
- Single refrigeration circuit with **two** Copeland scroll compressors and two stages of cooling
- Air cooled, high ambient, vertical discharge, condenser for 100°F ambient;
- Fan cycle control provides head pressure control down to 0°F ambient
- Weather proof electrical panel with single point power connection to compressor contactor
- 24 vac control circuit with component sequenced terminal strip for easy troubleshooting
- Remote control panel with electronic thermostat, digital temperature indicator lighted switches
- Stainless steel brazed plate evaporators with hot gas bypass capacity control and solenoid valve
- Externally equalized thermal expansion valve with liquid line solenoid valve, filter drier, sight glass
- Copper water lines with FPT connections and insulated with 1/2" closed cell insulation
- Water flow safety switch locks out compressor in no flow condition
- Internal bypass loop prevents compressor dead heading
- Lifetime polyethylene reservoir with cabinet mounted fill port and external level gauge
- High head, cast iron centrifugal pump with nominal capacity of 2.4 gpm/ton at 100 ft. hd.
- Cabinet mounted CHWS outlet pressure gauge and analog temperature gauge
- Powder coated , welded steel frame with laminated polyethylene panels
- Warranty: One (1) year parts, five (5) year compressor limited warranty
- Leak checked, pressure tested and run tested under load prior to shipment

Options & Accessories

- Receivers for 90% refrigerant storage
- Heated and insulated receiver for ambient temperatures below 30°F
- Nonferrous piping in lieu of copper for de-ionized water or corrosive fluids
- Condenser coil coating for corrosion protection in coastal areas and caustic environments
- Cabinet mounted, glycerin filled refrigeration pressure gauges
- Sanitary, double wall, evaporator for potable water
- Inhibited propylene glycol concentrate in 5 or 55 gallon containers
- Closed system reservoir
- Startup & training by Factory authorized technician
- Factory authorized contractor for installation
- Castors for portability



| Physical Data | |
|------------------------|-----------------------------|
| Dimensions | 66"L x 44"W x 74"H |
| Shipping Weight | 1575 lbs. |
| Min. Clearances | 30" All Sides 60" Above Top |
| Noise Rating | 77 dBA @ 10 feet |
| Fans CFM | 8800 cfm @ 125°F |
| Tank Capacity | 100 Gallons (Atmospheric) |
| Connections | 1.25" FPT CHWS and CHWR |

| Electrical Data | | |
|----------------------|--------------|--------------|
| Power Supply | 208-230/3/60 | |
| Compressor | LRA | 2 @ 149 Amps |
| | RLA | 22.4 Amps |
| Fan Motor | FLA | 2 @ 4.8 Amps |
| Pump Motor | H.P. | 1.5 |
| | FLA | 10.0 Amps |
| Total Circuit | FLA | 59.6 Amps |
| | MOP | 80 Amps |