

## Portable Air Cooled Chiller (No Tank or Pump)

### Standard Features

- U.L. Listed, and EPA Compliant, R410a refrigeration condensing unit complies with latest codes
- Single refrigeration circuit with Copeland scroll compressor with crankcase heater
- 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 prevents condensation mess
- Water flow safety switch locks out compressor in no flow condition
- Internal bypass loop to return line prevents compressor deadheading
- Lifetime, polyethylene reservoir with cabinet mounted fill port and glass tube 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 limited parts, five (5) years limited compressor warranty
- Systems leak checked, pressure tested, and run tested under load prior to shipment so it is ready for opera-

### 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 55 gallon drums or 5 gallon carboys
- Closed system reservoir in lieu of open polyethylene
- Factory authorized technician for startup and training
- Factory authorized contractor for installation
- Castors for portability

| Physical Data          |                             |
|------------------------|-----------------------------|
| <b>Dimensions</b>      | 33"L x 28"W x 60"H          |
| <b>Shipping Weight</b> | 960 lbs.                    |
| <b>Min. Clearances</b> | 30" All Sides 60" Above Top |
| <b>Noise Rating</b>    | 88 dBA @ 10 feet            |
| <b>Fans CFM</b>        | 1645 cfm @ 125°F            |
| <b>Tank Capacity</b>   | 16 Gallons ( Atmospheric )  |
| <b>Connections</b>     | .75" FPT CHWS and CHWR      |

| Electrical Data      |              |            |
|----------------------|--------------|------------|
| <b>Power Supply</b>  | 208-230/1/60 |            |
| <b>Compressors</b>   | LRA          | 48 Amps    |
|                      | RLA          | 9.0 Amps   |
| <b>Fan Motors</b>    | FLA          | 1@ .6 Amps |
| <b>Total Circuit</b> | FLA          | .75        |
|                      | MCA          | 7.6 Amps   |
|                      | MOP          | 10.35 Amps |
|                      |              | 20 Amps    |