

## 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	
<b>Dimensions</b>	93"L x 44"W x 74"H
<b>Shipping Weight</b>	2130 lbs.
<b>Min. Clearances</b>	30" All Sides 60" Above Top
<b>Noise Rating</b>	88 dBA @ 10 feet
<b>Fans CFM</b>	12,000 cfm @ 125°F
<b>Tank Capacity</b>	100 Gallons ( Atmospheric )
<b>Connections</b>	1.5" FPT CHWS and CHWR

Electrical Data		
<b>Power Supply</b>	208-230/3/60	
<b>Compressor</b>	LRA ea	2 @ 164 Amps
	RLA ea	2 @ 25 Amps
<b>Fan Motor</b>	FLA	3 @ 7.2 Amps
<b>Pump Motor</b>	H.P.	2.0
	FLA	6.8 Amps
<b>Total Circuit</b>	FLA	64.0 Amps
	MOP	80 Amps