

## Modular Air Cooled Chiller (No 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
- Stainless steel brazed plate evaporator with low pressure compressor interlock safety
- 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
- 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
- Voltage and phase monitor in 2 through 7.5 ton
- 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



<b>Physical Data</b>	
<b>Dimensions:</b>	43" L x 31" W x 33"H
<b>Ship Weight:</b>	500 lbs.
<b>Minimum Clearances:</b>	30" All Sides 120" above Top
<b>Noise Rating:</b>	77 dBA @ 10 feet
<b>Fans CFM:</b>	4700 cfm @ 125°F
<b>Tank Capacity:</b>	None
<b>Connections:</b>	1.0" FPT CHWS and CHWR

<b>Electrical Data</b>		
<b>Power Supply:</b> 460/3/60		
<b>Compressors:</b>	LRA:	1 @ 100 Amps
	RLA:	12.2 Amps
<b>Fan Motors:</b>	FLA:	1 @ 1.3 Amps
<b>Total Circuit:</b>	FLA:	13.5 Amps
	MCA:	17 Amps
	MOP:	25 Amps