

## 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
- Two stages of compressor control with digital, electronic thermostat
- 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
- 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
- Factory authorized contractor for installation



Physical Data	
<b>Dimensions:</b>	88"L x 39"W x 45"H
<b>Ship Weight:</b>	1090 lbs.
<b>Minimum Clearances:</b>	30" All Sides 120" above Top
<b>Noise Rating:</b>	77 dBA @ 10 feet
<b>Fans CFM:</b>	12,000 cfm @ 125°F
<b>Connections:</b>	1.50" CHWS and CHWR

Electrical Data		
<b>Power Supply:</b> 460/3/60		
<b>Compressors:</b>	LRA:	2 @ 100 Amps
	RLA:	2@ 12.2 Amps
<b>Fan Motors:</b>	FLA:	3 @ 4.2 Amps
	FLA:	28.6 Amps
<b>Total Circuit:</b>	MCA:	32 Amps
	MOP:	40 Amps