AMERICANCHILLERS
& Cooling Tower Systems

20 Ton
DAVP2003
208-230/3/60

Air Cooled Package Chiller With 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
- High performance coaxial evaporator with inner copper tubing and protective steel shell. UL and ASME listed coil is insulated against condensation with expanded foam
- 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
- 26 gallon, high density, polyethylene reservoir insulated with 1/2" closed cell insulation
- High head centrifugal process pump rated at 40 psi at 2.5 GPM/ton
- 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

Electrical Data		
Power Supply: 208-230/3/60		
Compressors:	LRA:	2 @ 239 Amps
	RLA:	2 @ 33.3 Amps
Fan Motor:	FLA:	3 @ 7.2 Amps
Pump Motor:	H.P.	2.5
	FLA:	9.6 Amps
Total Circuit:	FLA:	83.4 Amps
	MCA:	105.7 Amps
	MOP:	125 Amps

Physical Data	
Dimensions:	93"L x 44"W x 76"H
Ship Weight:	2390 lbs.
Minimum Clearances:	30" All Sides 60" above Top
Noise Rating:	77 dBA @ 10 feet
Fans CFM:	12,000 cfm @ 125°F
Tank Capacity:	150 Gal. (Atmospheric)
Connections:	1.50" FPT CHWS and CHWR

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