



HEATING, COOLING & POWER



Unit Arrangement - Dimensions are Approximate

## 200 Ton Air Cooled Chiller

### General Description and Features:

Ready for outdoor operation with minimal setup.  
 Complete microprocessor control center  
 Single point power connections  
 Forkliftable  
 Pre-wired 50 amp disconnect for pump  
 Ambient operation -20°F to 115°F  
 Brine mode to 25°F  
 Single 120V oil heater plug

### Equipment Data:

Model 30XAB20069-04S53  
 Asset NA18235-NA19423

### Shipping Data:

Shipping Weight 20,000 lbs  
 Dimensions 25' L x 8'-6" W x 8'-6" H  
 Leveling Required Within 1/8" per foot  
 Installed Clearances 8' (sides), 4' (electrical)

### Mechanical Data:

Water Connections 6" 150 lbs RF flange in/out  
 Water Volume 34 gallons  
 Water Max. pressure 150 psig (300 psig option)  
 Minimum Load 30 tons  
 Min. / Max. Water Flow 350 / 800 gpm  
 Circuits / Compressors 2 / 2  
 Refrigerant / Charge R134a / 225 lbs / 225 lbs  
 Oil / Charge POE / 6.3 / 6.3 gals

### Electrical Data:

Voltage 460 V / 3 phase / 60 hertz  
 Mounted Disconnect Two internal CB's  
 Connection Leviton Series 16 Camlock  
 Cables 4/0 - (2) Sets, (1) Ground  
 FLA/ MCA Chiller 360 / 397 amps  
 Pump Breaker Adds 50 amps to MCA

### Single Point Power

Leaving Water Temp.	Leaving Brine Temp.	Capacity in Tons			
		Ambient Air Temperature			
		85° F	95° F	105° F	115° F
55° F		232	225	214	206
50° F		219	211	202	193
45° F		206	197	190	180
40° F		189	182	174	166
	35° F	176	167	160	136
	30° F	165	158	152	128
	25° F	156	150	143	121

Water Limits: 55°F to 40°F / Brine: 25°F

Chiller Barrel Flow VS Pressure Drop	
Flow (GPM)	Pressure Drop * (PSID)
350 Min.	3.2
400	4.3
450	5.4
500 std.	6.5
600	9.0
700	12
800 Max.	15

\*Cooler only

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