



**RENTAL  
SYSTEMS**



Unit Arrangement - Dimensions are Approximate

## 110 Ton Air Cooled Chiller

**General Description and Features:**

- Ready for outdoor operation with minimal setup.
- Complete microprocessor control center
- Single point power connection
- Pre-wired 30 amp disconnect for pump
- Forkliftable
- Low ambient temperature operation to -20°F
- High ambient temperature operation to 125°F
- Brine mode to 15°F

**Equipment Data:**

Model 30RBB11062-0G-1M

**Shipping Data:**

Shipping Weight 10,100 lbs  
 Dimensions 14' L x 8'-4" W x 8'-6" H  
 Leveling Required Within 1" per 8 ft.  
 Installed Clearances 8' (sides), 4' (electrical)

**Mechanical Data:**

Water Connections 4" 150 lb RF flange in/out  
 Water Volume 46 gallons  
 Water Max. pressure 150 psig (300 psig option)  
 Minimum Load 10 tons  
 Min. / Max. Water Flow 132 / 528 gpm  
 Circuits / Compressors 2 / 5  
 Refrigerant / Charge R410a / 94 / 106 lbs  
 Oil / Charge POE / 26 / 39 pints

**Electrical Data:**

**Single Disconnect**  
 Voltage 460 V /3 phase /60 hertz  
 Disconnect Size 250 amps  
 Connection Leviton Series 16 Camlock  
 Cables 1/0 - (1) Set, (1) Ground  
 FLA / MCA Chiller 213 / 224 amps  
 Pump Breaker 30 amp added if using pump

Leaving Water Temp.	Leaving Brine Temp.	Capacity in Tons				
		Ambient Air Temperature				
		85° F	95° F	105° F	115° F	120° F
60° F		140	130	120	110	104
55° F		134	127	119	109	104
50° F		123	117	109	100	96
45° F		113	108	99	92	88
40° F		105	98	91	84	80
	35° F	94	87	82	76	72
	25° F	82	76	72	66	63
	15° F	71	65	62	57	54

Water Limits: 70°F to 40°F / Brine: 15°F

Chiller Barrel Flow VS Pressure Drop	
Flow (GPM)	Pressure Drop * (PSID)
140 Min.	1.7
200	3.0
250 std.	3.7
300	5.6
350	6.9
400	9.3
450	11.3
520 Max.	14.3

\*Cooler only

**24 Hour Hotline 800-586-8336**  
 CarrierRentals.com