



**RENTAL
SYSTEMS**



Unit Arrangement - Dimensions are Approximate

60-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
- Low ambient temperature operation to -20°F
- High ambient temperature operation to 125°F
- Brine mode to 15°F

Mechanical Data

Water Connections	4" 150 lb RF flange in/out
Water Volume	10 gallons
Water Max. pressure	150 psig (300 psig option)
Minimum Load	6 tons
Min. / Max. Water Flow	70 / 260 gpm
Circuits / Compressors	2 / 4
Refrigerant / Charge	R410a / 17 / 18 lbs
Oil / Charge	POE / 13.8 pints per ckt.

Equipment Data

Model 30RAP060F-0C104

Shipping Data

Shipping Weight	5,005 lbs
Dimensions	11' L x 8'-4" W x 7'-8" H
Leveling Required	Within 1" per 8 ft.
Installed Clearances	6' (sides), 4' (electrical)

Electrical Data (Single Disconnect)

Voltage	460 V / 3 phase / 60 hertz
Disconnect Size	150 amps
Connections	Leviton Series 16 Camlock
Cables	1/0 - (1) Set, (1) Ground
FLA/ MCA	120 / 126 amps

60-Ton Air Cooled Chiller

Physical Data							
Leaving Water Temp	Leaving Brine Temp	Capacity in Tons				Chiller Barrel Flow v. Pressure Drop	
		Ambient Air Temperature				Flow (gpm)	Pressure Drop* (psid)
		85° F	95° F	105° F	115° F		
55° F		74	70	66	61	70 Min.	2.2
50° F		70	65	62	56	100	3.5
45° F		63	60	56	51	150 std.	7.4
40° F		58	54	51	46	200	13.9
	35° F	52	48	46	41	250	20.3
	30° F	44	41	38	34	260 Max.	23.8
	25° F	35	32	30	28		

Water Limits: 60°F to 40°F / Brine: 15°F

*Cooler only