



RENTAL SYSTEMS

24-HOUR HOTLINE 800-586-8336

CARRIER.COM/RENTALS



60 TON AIR COOLED CHILLER

Unit Arrangement - Dimensions are Approximate

GENERAL DESCRIPTION AND FEATURES

- Ready for operation with minimal setup
- Complete microprocessor control center
- Single point power connection
- Forkliftable
- Low ambient temperature operation to -20°F
- High ambient temperature operation to 125°F
- Brine mode to 15°F (option)

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(s) 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
Connection	Leviton Series 16 Camlock
Cables	1/0 - (1) Set, (1) Ground
FLA / MCA	120 / 126 amps

Leaving Water Temp.	Leaving Brine Temp.	Capacity in Tons			
		Ambient Air Temperature			
		85° F	95° F	105° F	115° F
55° F		74	70	66	61
50° F		70	65	62	56
45° F		63	60	56	51
40° F		58	54	51	46
	35° F	52	48	46	41
	30° F	44	41	38	34
	25° F	35	32	30	28

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

Chiller Barrel Flow VS Pressure Drop	
Flow (GPM)	Pressure Drop * (PSID)
70 Min.	2.2
100	3.5
150 std.	7.4
200	13.9
250	20.3
260 Max.	23.8

*Cooler only