



RENTAL SYSTEMS

24-HOUR HOTLINE 800-586-8336

CARRIER.COM/RENTALS



30 TON AIR COOLED CHILLER

Unit Arrangement - Dimensions are Approximate

GENERAL DESCRIPTION AND FEATURES

- Ready for outdoor operation with minimal setup
- Complete microprocessor control center
- Single point power connection
- Forkliftable
- Ambient temperatures to 125°F
- Brine mode to 15°F (option)

MECHANICAL DATA

Water Connections	2" 150 lb RF flange in/out
Water Volume	10 gallons
Water Max. pressure	150 psig
Minimum Load	10 tons
Min / Max Water Flow	30 / 175 gpm
Circuits / Compressors	1 / 1
Refrigerant / Charge	R-22 / 47 lbs
Oil / Charge	Mineral Oil

EQUIPMENT DATA

Model(s) 30GT030 HVACP

SHIPPING DATA

Shipping Weight	3,900 lbs
Dimensions	12' 8" L x 6'6" W x 6'H
Leveling Required	1" per 8'
Installed Clearances	5' (sides), 4' (electrical)

ELECTRICAL DATA (SINGLE DISCONNECT)

Voltage	460 V / 3 phase / 60 hertz
Disconnect Size	
Connections	
Cables	(1) Set, (1) Ground
FLA/ MCA	60 / 71 amps

Leaving Water Temp.	Leaving Brine Temp.	Capacity in Tons			
		Ambient Air Temperature			
		75° F	85° F	95° F	105° F
50° F		37	35	32	30
45° F		34	31	30	28
40° F		30	28	26	25
	30° F	24	23	22	19
	20° F	19	18	17	16
	15° F	17	16	14	13

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

Chiller Barrel Flow VS Pressure Drop	
Flow (GPM)	Pressure Drop * (PSID)
30 Min.	0.8
60 std.	2.9
90	7
120	12
150	19
180 Max.	28

*Cooler only