



RENTAL SYSTEMS

24-HOUR HOTLINE 800-586-8336

CARRIER.COM/RENTALS



30XA352 DX AIR COOLED GREENSPEED®

Unit Arrangement - Dimensions are Approximate

GENERAL DESCRIPTION AND FEATURES

- Ready for outdoor operation with minimal setup
- Complete microprocessor control center
- Variable speed compressors and condenser fans
- Trailer mounted with available pallet spaces
- Single point power connections
- Brine option to +15°F
- Chilled water inlet strainer & spool assembly
- Single 120V oil heater plug – requires land power
- Direct Expansion evaporator

MECHANICAL DATA

Water Connections	6" 150 lbs. RF flange in/out
Water Volume	118 Gallons
Water Max. pressure	150 psig (300 psig option)
Minimum Load	50 tons
Min. / Max. Water Flow	450 /1200 GPM
Circuits / Compressors	2 / 2
Refrigerant / Charge	R134a / 384 lbs. / 344 lbs.
Oil / Charge	POE / 7.5 / 7.5 Gallons

EQUIPMENT DATA

Model(s)	30XA352F9-03R03R
Asset Numbers	1003891 thru 1004036

SHIPPING DATA

Shipping Weight	21,000 lbs. (chiller alone)
Trailer	17,000 lbs. (trailer alone)
Dimensions	Mounted on 48ft trailers
Leveling Required	Within 1/8" per foot
Installed Clearances	8' (sides), 4' (electrical)

ELECTRICAL DATA (SINGLE DISCONNECT)

Voltage	460 V / 3 phase / 60 hertz
Mounted Disconnect	(2) internal circuit breakers
Connection	Leviton Series 16 Camlock
Cables	4/0 - (2) per phase, (1) Gnd.
FLA/ MCA Chiller	650 / 695 amps
Rec. Service	800 MOCP
Control Panel SCCR	5kA RMS Symmetrical

Leaving Water Temp.	Leaving Brine Temp.	Capacity in Tons			
		Ambient Air Temperature			
		85° F	95° F	105° F	115° F
55° F		365	350	330	320
50° F		345	330	315	300
45° F		320	305	295	285
40° F		295	285	270	260
	30° F	245	225	220	215
	20° F	185	175	165	160
	10° F	150	145	140	130
	5° F	130	125	120	115

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

Chiller Barrel Flow VS Pressure Drop			
Flow (GPM)	Water Pressure Drop * (PSID)	Water/ 40% PG * (PSID)	Water/ 30% EG * (PSID)
140 Min.	3.4	5.7	4.5
500	4	6.8	5.5
600	5.3	9.4	7.5
700	7.3	12.1	9.7
800 std.	9	15.2	12
900	11	18.5	14.5
1000	12.5	21	17.5
1100 Max.	15	--	--

Glycol Flow

P.D. @ 20°F

Main power enters cam-locks, runs to a central terminal block and splits to two 600amp (MGF36600) breakers.