



RENTAL SYSTEMS



Unit Arrangement - Dimensions are Approximate

30XA352 DX Air Cooled GREEN SPEED

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 +5°F
 Chilled water inlet strainer & spool assembly
 Single 120V oil heater plug – requires land power
 Direct Expansion evaporator

Equipment Data:
 Model 30XA352F9-03R03R
 Asset Numbers

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)

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

Electrical Data:
 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

Chiller Barrel Flow VS Pressure Drop			
Flow (GPM)	Water Pressure Drop(PSID)	Water/ 40%PG (PSID)	Water/ 30% EG (PSID)
450 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
1100Max	15	-----	-----

Water Limits: 55°F to 40°F / Brine: 39°F to 5°F
 Glycol Flow P.D. @ 20° F
 Main power enters cam-locks, runs to a central terminal block and splits to two 600amp (MGF36600) breakers.

24 Hour Hotline 800-586-8336
 CarrierRentals.com