

## 2001 Carrier 30GXN Air Cooled Chiller - 225 Tons

Mfg: Carrier

Model: 30GXN225-A-640PT

Stock No: CPEG702.65

Serial No: 1201F71092

2001 Carrier Air Cooled Chiller - 225 Tons. Model: 30GXN225-A-640PT. S/N: 1201F71092. Unit currently has 3 Compressors installed (A1, A2, B1). Compressors A1/B1 are Carlyle model 06NA2250S7EA-A00, Mfg. NCBUHA6001, S/N 1001J09133 and 1001J09340, 460V 185.3 Rla (motors are rated for both 50Hz and 60Hz). Compressor A2 is Carlyle model 06NA2146S7EA-A00, Mfg. NCEQHA6001, S/N: 1001J09363, 460V 103.4 Rla (motors are rated for both 50Hz and 60Hz). Condenser has 10 fan motors, each 1.9 HP, 460 V, 60 Hz, 3.2 Fla, 3-phase. Chiller barrel model 10HX400156, s/n 0901X09384, nat'l bd. 40873, shell side rating: WP 220 PSI at 150 F, MDMT -20 F at 220 PSI, test pressure 242 PSI. (2) Henry Technologies accumulators, year 2001, part S-4618, s/n 62748, CRN 5550.7C, MAWP 220 PSI at 650 F, MPMT -20 F at 220 PSI. (2) Henry Technologies horizontal oil separators, part S-5464A, ASME, Carrier model 30GX503661, 2.125 in. ODS, 375 PSIG Max WP. Electrical requirement: 460 V, 3-phase, 60 Hz. Min circuit amps 458.3 / max over-current protection device amps 600. Control power requirements: 115 V, 1-phase, 60 Hz, 30 Amps. Overall dimensions: 233 in. L x 89 in. W x 89 in H.







Carrier  
A United Technologies Company

MODEL 30GX225-R-640FT SERIAL 1201F71092 FACTORY CHARGED

COMP	QTY	VOLTS AC	PH	HZ	RLA	LRA	DISPLACEMENT	LB	WT
COMP 1	1	460	3	60	151.3	1175		129.4	84.7
COMP 2	1	460	3	60	85.2	685		29	84.7

DESIGN / TEST PRESSURE GAGE HIGH PSI 350 KPA 24.12 LOW PSI 250 KPA 15.17

FAN MOTORS	QTY	VOLTS AC	PH	HZ	FLA	HP	W/D
OUTDOOR	6	460	3	60	3.2	1.9	1.5
OUTDOOR	4	460	3	60	3.2	1.9	1.5

OTHER: HEATERS

POWER SUPPLY: 460 VOLTS 3 PH 60 HZ 30 MIN CIRCUIT AMPS 458.3

FORGIBLE VOLTAGE LIMIT: 305 MAX 414 MIN 1

COILS: POWER SUPPLY 115 VOLTS 1 PH 60 HZ 30 AMP @ 2

MADE IN U.S.A. ILL CHARGE SYSTEM PER INSTALLATION INSTRUCTIONS 30N404514 E

Carlyle MODEL NUMBER MADE IN U.S.A.  
06NA2250S7EA-A00

DISPLACE 425 M<sup>3</sup>/HR MOTOR RPM 2900/3500

MFG/N NCBUHA6001 MTR (06N) CU23H74

VOLTS	PH	HZ	VOLTS (MIN/MAX)	RLA	LRA (Y/D)	KW
400	3	60	342/456	178.8	387/1226	90
460	3	60	396/528	185.3	371/1175	90

BURST (MPa): HI 17.2 LO 6.8 R134a

PROOF TP/AP (MPa): HI 3.2/2.1 LO 0.45/1.2

MOP/DP (MPa): HI 2.0/2.0 LO 0.45/1.2

S/N 1001J09133 CE

Carlyle MODEL NUMBER MADE IN U.S.A.  
06NA2250S7EA-A00

DISPLACE 425 M<sup>3</sup>/HR MOTOR RPM 2900/3500

MFG/N NCBUHA6001 MTR (06N) CU23H74

VOLTS	PH	HZ	VOLTS (MIN/MAX)	RLA	LRA (Y/D)	KW
400	3	60	342/456	178.8	387/1226	90
460	3	60	396/528	185.3	371/1175	90

BURST (MPa): HI 17.2 LO 6.8 R134a

PROOF TP/AP (MPa): HI 3.2/2.1 LO 0.45/1.2

MOP/DP (MPa): HI 2.0/2.0 LO 0.45/1.2

S/N 1001J09340 CE

Carlyle MODEL NUMBER MADE IN U.S.A.  
06NA2146S7EA-A00

DISPLACE 248 M<sup>3</sup>/HR MOTOR RPM 2900/3500

MFG/N NCEQHA6001 MTR (06N) CQ23H74

VOLTS	PH	HZ	VOLTS (MIN/MAX)	RLA	LRA (Y/D)	KW
400	3	60	342/456	101.7	226/715	63
460	3	60	396/528	103.4	216/685	63

BURST (MPa): HI 17.2 LO 6.8 R134a

PROOF TP/AP (MPa): HI 3.2/2.1 LO 0.45/1.2

MOP/DP (MPa): HI 2.0/2.0 LO 0.45/1.2

S/N 1001J09363 CE

NATIONAL BOARD

MAX ALLOWABLE WORKING PRESSURE

W	220	PSI	AT 150	F	TUBE SIDE
	1517	KPA	AT 65.5	C	X

MIN. DESIGN METAL TEMP

	20	F	AT 220	PSI	X	F	AT 1517	KPA	X	C	AT 1517	KPA
	-29	C <td>AT 1517</td> <td>KPA</td> <td>X</td> <td>C <td>AT 1517</td> <td>KPA</td> <td>X</td> <td>C <td>AT 1517</td> <td>KPA</td> </td></td>	AT 1517	KPA	X	C <td>AT 1517</td> <td>KPA</td> <td>X</td> <td>C <td>AT 1517</td> <td>KPA</td> </td>	AT 1517	KPA	X	C <td>AT 1517</td> <td>KPA</td>	AT 1517	KPA

YEAR BUILT 2001 SERIAL 302748

MODEL 10HX400156 STATE OR C.R.M.

TUBE SIDE EXEMPT PER U-1 (C)(2)(F)

PNEUMATIC TEST PRESSURE 1869 KPA

MADE IN MEXICO

HENRY

S-5464A  
ASME Horizontal  
Oil Separator  
Carrier #30GX503861  
2 1/8" ODS  
375 PSIG Max. W.P. (2588 kPa)  
R12, R22, R134a, R404a, R502, R507

2001

SERIAL NO 302748

UNIT

UNIT TECHNOLOGIES

220

2001

S-4610

5550.70