

1997 Air Cooled Liquid Chiller – 20 Tons

Mfg: Trane

Model: CGAFC20EAAA1T

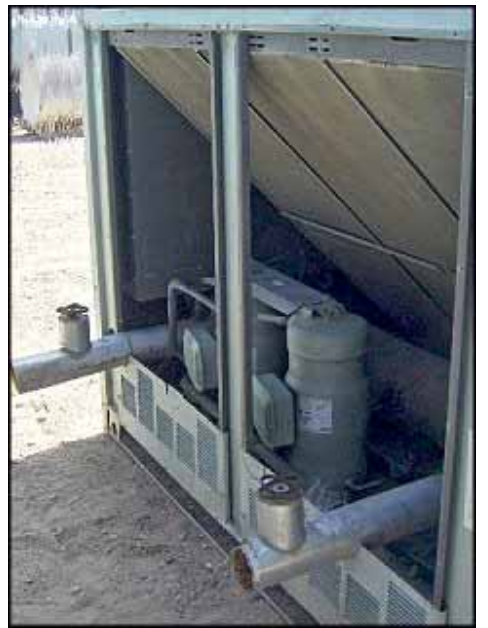
Stock No: ADSP02

Serial No: J97L84001

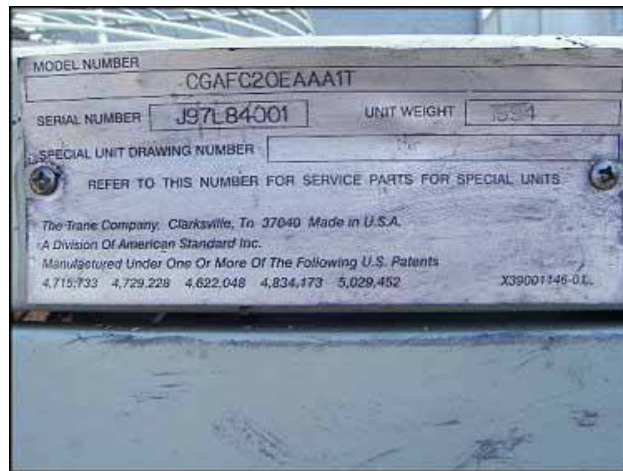
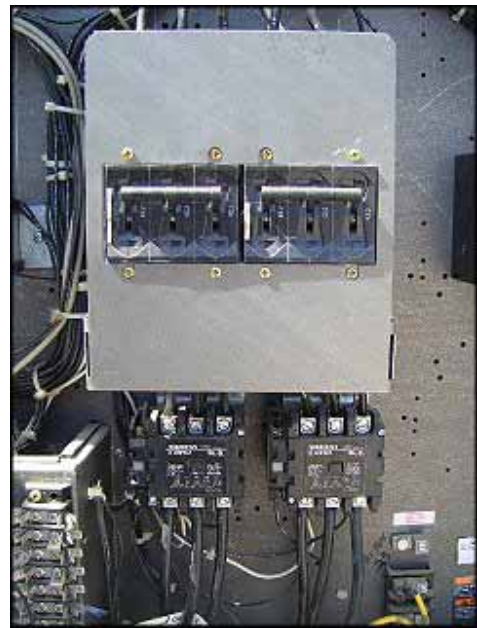
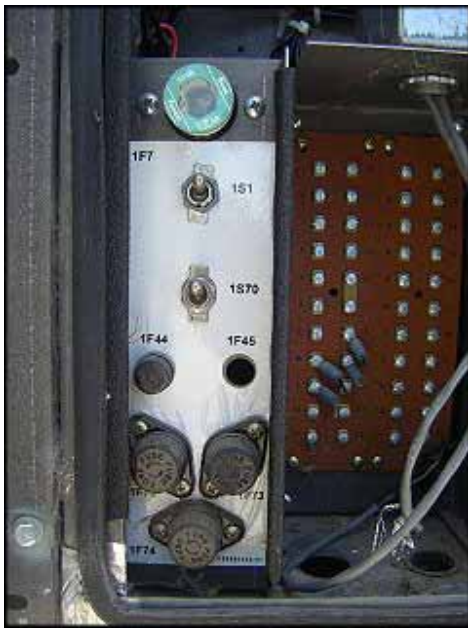
1997 Trane air cooled liquid chiller. Model: CGAFC20EAAA1T. S/N: J97L84001. Rated capacity: 20 tons. Refrigerant: R-22. Refrigerant side factory test pressure hi/lo: 450/300 psig. System requirements: 200 V, 60 Hz, 3 phase. (2) Trane 3 D scroll compressors. Compressor A, Model: CSHA093A0A00, S/N: 97K19118, charge: 40 lbs, electrical requirements: 200 V, 39.4 RLA, 269 LRA, 60 Hz, 3 phase. Compressor B, Model: CSHA093A0A00, S/N: 97K19124, charge: 40 lbs, electrical requirements: 200 V, 39.4 RLA, 269 LRA, 60 Hz, 3 phase. (2) Condenser fan motors, 1.0 hp, 200 V, 4.1 FLA, 60 Hz, 3 phase. Control circuit requirements: 115 V, 250 VA max, 60 Hz, single phase. Evaporator heat tape, 120 V, 210 VA maxes, 60 Hz, single phase. Inlets/outlets: (2) 2 in. dia. ports. Overall dimensions: 7 ft. 5 in. L x 6 ft. 4 in. W x 5 ft. 8 in. H.











THE TRANE COMPANY
A DIVISION OF AMERICAN STANDARD INC.
CLARKSVILLE, TN 37040

INTELLIPAK®
MODEL NUMBER CGAFC20EAAA1T

SERIAL NUMBER J97L84001

REFRIGERATION MACHINE FOR OUTDOOR INSTALLATION ONLY
SEE ADDITIONAL NAMEPLATE IN GAS HEAT SECTION WHEN USED

RATED VOLTAGE 200 HZ 60 PHASE 3
UTILIZATION VOLTAGE RANGE 180-220
NOMINAL SYSTEM VOLTAGES 200-208

MINIMUM CIRCUIT AMPACITY + 98 AMPS
RECOMMENDED DUAL ELEMENT FUSE + 0 AMPS
MAXIMUM OVERCURRENT PROTECTION DEVICE + 125 AMPS

QTY	VOLTS	HZ	PHASE	FLA EA	LRA EA
COMPRESSOR MOTOR A	1	200	60	3	39.4
COMPRESSOR MOTOR B	1	200	60	3	39.4
COMPRESSOR MOTOR C	0				
COMPRESSOR MOTOR D	0				

CONDENSER FAN MOTOR 2 200 60 3 4.1 1
EVAPORATOR FAN MOTOR 0
EXHAUST FAN MOTOR 0
BURNER MOTOR 0
ELECTRIC HEATER CKT 0
EVAPORATOR HEAT TAPE 120 60 1 VA 210
UNIT SERVICE CIRCUIT 115 60 1 VA 250

FACTORY CHARGED - EACH SYSTEM 40 LBS OF R-22
DESIGN PRESSURE 450 PSIG TEST PRESSURE 450 HIGH (PSIG) 300 LOW (PSIG)

FOR NONRESIDENTIAL INSTALLATION ONLY

FOR CONTINUED EFFICIENT OPERATION OF THIS UNIT REFER TO
MANUALS CGAF - IOM - 1 CGAF - PTG - 1

UNIT WIRING DIAGRAMS	2307-8908-01	2307-8910-01	2307-8911-01	2307-8912-01
	2307-8928-01	2307-8925-01	2307-8927-01	2307-8908-01

+ 5000 AFC SHOWN - SEE AVAILABLE FAULT CURRENT TABLE FOR ALTERNATE UNIT BRANCH CIRCUIT REQUIREMENTS

MLC MADE IN U.S.A. X29630365-01

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EVAPORATOR FAN MOTOR 0
EXHAUST FAN MOTOR 0
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DO NOT APPLY ELECTRICAL POWER TO THE COMPRESSOR UNLESS THE TERMINAL COVER IS IN PLACE AND SECURED. Applying power with a non-secured terminal cover could result in serious personal injury by electrical shock or pressurized burning fluid.

DO NOT OPERATE THE COMPRESSOR IN A VACUUM DURING CHARGING OR SERVICING. Operation in a vacuum could result in a mechanical or electrical failure. Refer to the product literature for proper charging and servicing procedure.

TRANE
3-D SCROLL

MODEL # CSHA093A0A00
SERIAL # 97K19118
PART # 570010100100
ORDER # C41A88

ELECTRICAL CHAR. 200-60-3
UTILIZATION RANGE 180-220
LRA 269

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	2307-8928-01	2307-8925-01	2307-8927-01	2307-8908-01

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RECOMMENDED DUAL ELEMENT FUSE + 0 AMPS
MAXIMUM OVERCURRENT PROTECTION DEVICE + 125 AMPS

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COMPRESSOR MOTOR B	1	200	60	3	39.4
COMPRESSOR MOTOR C	0				
COMPRESSOR MOTOR D	0				

CONDENSER FAN MOTOR 2 200 60 3 4.1 1
EVAPORATOR FAN MOTOR 0
EXHAUST FAN MOTOR 0
BURNER MOTOR 0
ELECTRIC HEATER CKT 0
EVAPORATOR HEAT TAPE 120 60 1 VA 210
UNIT CONTROL CIRCUIT 115 60 1 VA 250

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TRANE
3-D SCROLL

MODEL # CSHA093A0A00
SERIAL # 97K19124
PART # 570010100100
ORDER # C41A88

ELECTRICAL CHAR. 200-60-3
UTILIZATION RANGE 180-220
LRA 269

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