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NOTES:

11 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS1.

14 FU17,FU18,FU19,CH AND HTRF ARE USED FOR BOTH 90 AND 108 KW HEAT.

15 HEATER HTRF IS USED FOR 108 KW ONLY.

16 WIRE 36M IS ONLY USED ON 40-50 TON UNITS.

17 WIRES W6 & W10 ARE ONLY USED ON 27.5-35 TON CONSTANT VOLUME UNITS.

** LEGEND **		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
AH	ELECTRIC HEAT CONTACTOR	109
BH	ELECTRIC HEAT CONTACTOR	110
CH	ELECTRIC HEAT CONTACTOR	111
FU11	ELECTRIC HEAT FUSE	70
FU12	ELECTRIC HEAT FUSE	71
FU13	ELECTRIC HEAT FUSE	72
FU14	ELECTRIC HEAT FUSE	80
FU15	ELECTRIC HEAT FUSE	81
FU16	ELECTRIC HEAT FUSE	82
FU17	ELECTRIC HEAT FUSE	90
FU18	ELECTRIC HEAT FUSE	91
FU19	ELECTRIC HEAT FUSE	92
HLC1	HIGH LIMIT CUTOFF #1	109
HLC2	HIGH LIMIT CUTOFF #2	109
HTRA	ELECTRIC HEAT ELEMENT	71
HTRB	ELECTRIC HEAT ELEMENT	76
HTRC	ELECTRIC HEAT ELEMENT	81
HTRD	ELECTRIC HEAT ELEMENT	86
HTRE	ELECTRIC HEAT ELEMENT	91
HTRF	ELECTRIC HEAT ELEMENT	96
ODF34	OUTDOOR FAN RELAY #34	105
RTRM	REFRIGERATION MODULE	104
TNS1	CONTROL POWER TRANSFORMER	102

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WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT

VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EXECUTER L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EXECUTER L'ENTRETIEN PEUT ENTRAINER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

CAUTION

USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

METAL PLATE 11 X 17

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2009-3219

VOYAGER 3 POWER SCHEMATIC
FOR 72.90 AND 108 KW ELECTRIC HEAT
460/575 VOLTS