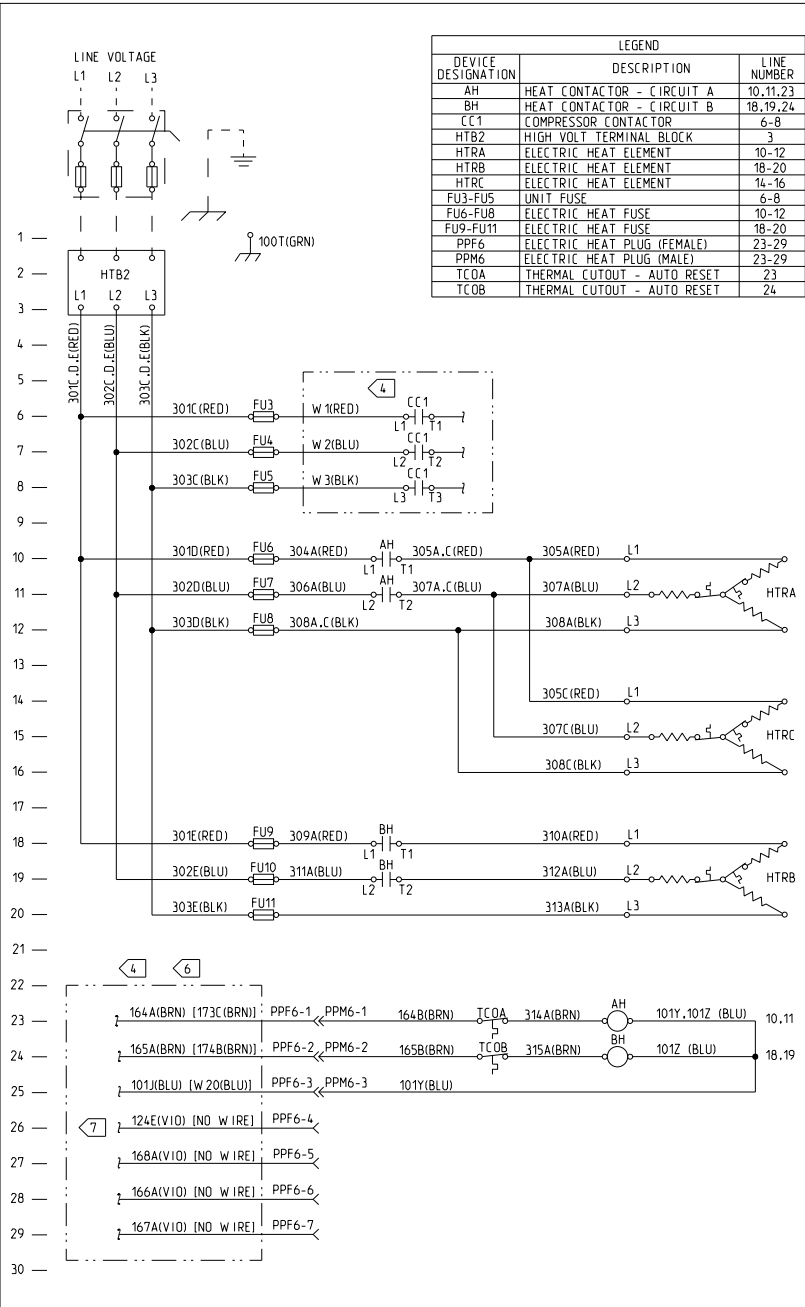
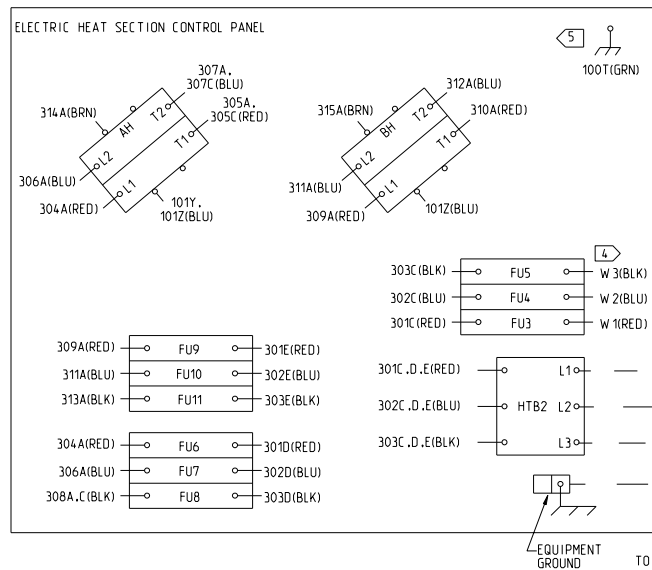
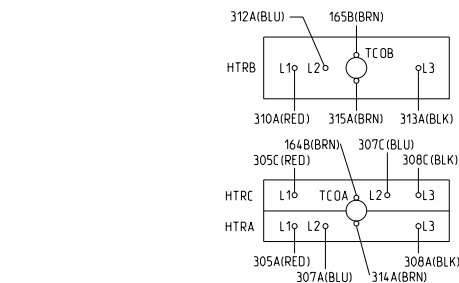




1. UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F) AT ATMOSPHERIC PRESSURE. AT 50% RELATIVE HUMIDITY WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS.
3. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.

4. FOR SINGLE POINT POWER, UNCOIL WIRES W 1 (RED), W 2 (BLU), AND W 3 (BLK) AND ROUTE THROUGH BUSHING IN DIVIDER PANEL, UP THROUGH HOLE IN UNIT CONTROL BOX, AND CONNECT TO COMPRESSOR CONTACTOR. (CC1 TERMINALS L1, L2, AND L3. PPF6/PPM6 AND ASSOCIATED WIRING ARE PART OF THE UNIT.)
5. CONNECT WIRE 100T (GRN) TO DIVIDER PANEL FOR BONDING.
6. CONNECTIONS SHOWN ARE FOR RELIATE UNITS. WIRES FOR ELECTRO-MECHANICAL UNITS ARE SHOWN IN BRACKETS.
7. WIRE 131A (VIO) REPLACES WIRE 124E (VIO) ON 10 TON HEAT PUMP UNITS.



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DRAWN BY: J. Woosley DATE: 28-Aug-01

DO NOT SCALE PRINT

SIMILAR TO:

THIRD ANGLE PROJECTION

4366-1090

DIAGRAM

ELECTRIC HEAT - 54 KW

480V-600V/60Hz/3Ph

(T.W. 120)

REV E

WARNING
HAZARDOUS VOLTAGE!

DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE. REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.

FAILURE TO DO THE ABOVE COULD RESULT IN DEATH OR SERIOUS INJURY.

AVERTISSEMENT
TENSION DANGEREUSE!

COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS A DISTANCE, PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

IMPORTANT

DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

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.

FUSE REPLACEMENT TABLE			
ELECTRIC HEAT FUSES			
HEATER SIZE	FUSE NAME	FUSE CLASS	FUSE SIZE
54KW, 460-575V	FUG-FU11	T, 600V	60A
UNIT FUSES FU3-FU5			
UNIT CAPACITY, VOLTS	HEATER MODEL SERIES	FUSE CLASS	FUSE SIZE
120, 460V	BAYHTRT	RK5, 600V	35A
120, 575V	BAYHTRT	RK5, 600V	30A

