

NOTES:

- 8 WIRING SHOWN IS FOR 108 KW HEATER. WHEN 90 KW HEATER IS INSTALLED WIRES 322B, 314B AND 315B ARE NOT USED.
- 9 WIRING SHOWN FOR F CONTACTOR AND FCB1 IS FOR VAV ALL UNITS. EXCEPT THOSE WITH VFD. WHEN VARIABLE FREQUENCY DRIVE IS INSTALLED SEE INSET B.
- 10 WIRING SHOWN IS FOR OPTIONAL COMMUNICATION INTERFACE. COMMUNICATION WIRES FROM BMS TO TC1/LC1 ARE TO BE WIRE TIED TO BOTTOM OF THE CONTROL BOX. SEE TC1/LC1 LITERATURE FOR SWITCH SETTINGS.
- 11 FUSE FU20, FU21 AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400A(RD) AND 401A(BL) ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.
- 12 MANUAL BYPASS SWITCH AND WIRES 410C, 413A, 414A, 415A OPTIONAL.

- 6 FUSE FUS, FU6, FU30, RELAY XFR AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.

11 X 17 METAL PLATE

TRANE

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.

DRAWN BY:
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REPLACES:

CAD SYSTEM USED:
PRO-E

TRANE® DATE:
11-30-07

REVISION DATE:

SIMILAR TO:
2307-9090

FILE NUMBER:
2309-3485DRAWING NUMBER:
2309-3521SHEET:
1 OF 1REV
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VOYAGER 3

CONTROL BOX CONNECTION FOR
TE 40-50 TON 90-108KW 380/415 VOLT
VARIABLE AIR VOLUME**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'EFFECTUER
L'ENTRETIEN.FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAÎNER 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.**IMPORTANT!**DO NOT ENERGIZE UNIT
UNTIL CHECK-OUT AND
START-UP PROCEDURE HAS
BEEN COMPLETED.WIRING TO AND FROM HEAT
SUPPLY AND RETURN SECTIONS