

NOTES:

1 WIRING SHOWN IS FOR 480V. FOR 575V MOVE ALL WIRES FROM 480V TERMINAL TO 575V TERMINAL ON TNS1.

2 WIRING SHOWN IS FOR 480V. FOR 575V MOVE ALL WIRES FROM 480V TERMINAL TO 575V TERMINAL ON TNS2.

6 FUSE FUSE, RELAY XFR, CAPACITOR CFS, CFB AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.

8 WIRING SHOWN IS FOR 108 KW HEATER, WHEN 90 KW HEATER IS INSTALLED WIRES 315B, 314B AND 315B ARE NOT USED.

9 WIRING SHOWN FOR F CONTACTOR AND FCBL 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 TCI/LCI ARE TO BE WIRE TIED TO BOTTOM OF THE CONTROL BOX. SEE TCI/LCI LITERATURE FOR SWITCH SETTINGS.

11 FUSE FU20, FU21 AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400ARD AND 401AB1 ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.

12 MANUAL BYPASS SWITCH AND WIRES 410C, 413A, 414A, 415A OPTIONAL.

IMPORTANT!
DO NOT SERVICISE
UNIT UNTIL CHECK-OUT
AND START-UP PROCEDURE
HAS BEEN COMPLETED

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
BLESURES 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.

11 X 17 METAL PLATE

TRANS
A POWER & CONTROL SYSTEMS
SERIES 1000
REPLACES: 1000-1000
REVISED BY: 1000-1000
REVISED DATE: 1000-1000
1000-1000
1000-1000

FILE NUMBER

SHIPPING NUMBER

2309-3331 B

CONTROL BOX CONNECTION FOR
TE 40-50 TON 90-108KW 480/575 VOLT
VARIABLE AIR VOLUME

SHEET 1 OF 2

