

NOTES:

- 1 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL ON TNS1.
- 2 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL ON TNS2.
- 3 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL ON TNS5.
- 4 FUSE FUS1, FUS2, FUS3, FUS4, FUS5, FUS6 AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.
- 5 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.
- 6 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.
- 7 FUSE FU20, FU21 AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400ARD AND 401AIBL ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.
- 8 MANUAL BYPASS SWITCH AND WIRES 410C, 413A, 414A, 415A OPTIONAL.

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

11 X 17 METAL PLATE

TRANS
A POWER & CONTROL SYSTEMS INC.
2000 W. 10TH AVE. SUITE 100
DENVER, CO 80202
TEL: 303.733.1100
FAX: 303.733.1101
WWW.TRANS.COM
REVISED: 1-4-05
REPLACES: 2309-3302
REVISION DATE: 2307-9062
THERM TRIP: 2307-9062

FILE NUMBER:

SHIPPING NUMBER:

2309-3302 B

CONTROL BOX CONNECTION FOR
TE 50 TON 54KW 208-230 VOLT
VARIABLE AIR VOLUME

SHEET 1 OF 2

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.

