

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 TNS3.
- 4 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM H3 TERMINAL TO H2 TERMINAL ON TNS3.
- 5 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM H3 TERMINAL TO H2 TERMINAL ON TNS4.
- 6 FUSE, FUSE, RELAY, XFR, CAPACITOR, CFS, CFS AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.
- 7 MANUAL BYPASS SWITCH AND WIRES 410C, 413A, 414A, 415A OPTIONAL.
- 8 WIRING SHOWN FOR F CONTACTOR AND FCB1 IS FOR ALL VAV UNITS EXCEPT THOSE WITH VFD. WHEN VARIABLE FREQUENCY DRIVE IS INSTALLED SEE INSET B.
- 9 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.
- 10 FUSE, FUSE, FUSE AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400A AND 401A ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.

METAL PLATE 11 X 17

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

| TRANS     |           |
|-----------|-----------|
| DATE      | BY        |
| REPLACES  | REVISION  |
| 3309-3302 | 2307-4005 |

| DRAWING NUMBER                                                                         |  |
|----------------------------------------------------------------------------------------|--|
| 2309-3278                                                                              |  |
| CONTROL BOX CONNECTION FOR<br>YC 40-50 TON HI HEAT 208-230 VOLT<br>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'EXECUTER L'ENTRETIEN.  
FAUTE DE DECONNECTER LA SOURCE  
ELECTRIQUE AVANT D'EXECUTER  
L'ENTRETIEN PEUT ENTRAINER 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.

