

- 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.

- 6 FUSE FU5,FU6,RELAY XFR, CAPACITOR CF5,CF6 AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.

- 9 WIRING SHOWN FOR F CONTACTOR AND FCB1 IS FOR VAV ALL UNITS,EXCEPT THOSE WITH VFD.WHEN VARIABLE FREQUENCY

- 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.

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IMPORTANT!
DO NOT ENERGIZE
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

AVERTISSEMENT
VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES
DISJONCTEURS SITUÉS A DISTANCE
AVANT D'EFFECTUER L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER

 CAUTION

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.

CONTROL BOX CONNECTION FOR
TE 40 TON 54KW 208-230 VOLT
VARIABLE AIR VOLUME

SHEET 1 OF 2

