

## NOTES:

1 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL.

3 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL ON TNS5.

6 FUSE FU5,FU6,FU30,RELAY XFR 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 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.

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:  
D. GOUTAMTRANE® DATE:  
11-30-07

REPLACES:

REVISION DATE:

CAD SYSTEM USED:  
PRO-ESIMILAR TO:  
2307-9058FILE NUMBER:  
2309-3485DRAWING NUMBER:  
2309-3489SHEET:  
1 OF 1REV  
A

VOYAGER 3

CONTROL BOX CONNECTION FOR  
TE 35 TON 54KW 208-230 VOLT  
VARIABLE AIR VOLUME

## 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

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.

WIRING TO AND FROM HEAT  
SUPPLY AND RETURN SECTIONS

