

## NOTES:

- 1 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS1 & TNS7. FOR 415V OR 380V ALL WIRES WILL BE CONNECTED TO 400V TAP ON TNS1 & TNS7.
- 2 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS2. FOR 415V OR 380V ALL WIRES WILL BE CONNECTED TO 400V TAP ON TNS2.
- 4 WIRING SHOWN IS FOR 460V OR 380V. FOR 575V MOVE ALL WIRES FROM H2 TERMINAL TO H3 TERMINAL ON TNS3. FOR 415 V MOVE ALL WIRES FROM H2 TERMINAL TO H3 TERMINAL ON TNS3.
- 5 WIRING SHOWN IS FOR 460V OR 380V. FOR 575V MOVE ALL WIRES FROM H2 TERMINAL TO H3 TERMINAL ON TNS4. FOR 415 V MOVE ALL WIRES FROM H2 TERMINAL TO H3 TERMINAL ON TNS4.
- 8 FUSE FUS, FUG, FU30, RELAY XFR, AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.
- 10 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.
- 11 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.
- 12 FUSE FU20, FU21 AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400A AND 401A ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.
- 14 MANUAL BYPASS SWITCH AND WIRES 410C, 413A, 414A, 415A OPTIONAL.

## 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.

## PRECAUCIÓN

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT.

## ATTENTION

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

TRANE

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DRAWN BY:

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TRANE® DATE:

9-11-08

REPLACES:

REVISION DATE:

1-12-09

CAD SYSTEM USED:

PRO-E

SIMILAR TO:

2309-3460

FILE NUMBER:

2313-0127

DRAWING NUMBER:

2313-0134

SHEET:

1 OF 1

REV

C

VOYAGER 3

CONTROL BOX CONNECTION  
YC 27.5-35 TON HI HEAT 380-575 VOLT  
VARIABLE AIR VOLUME

METAL PLATE 11 X 17

## IMPORTANT!

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