

**⚠ WARNING**  
HAZARDOUS VOLTAGE!  
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.  
  
FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

**⚠ AVERTISSEMENT**  
TENSION DANGEREUSE!  
COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS À DISTANCE, PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAINEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS.  
  
NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

**⚠ ADVERTENCIA**  
¡VOLTAJE PELIGROSO!  
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO LAS DESCONECIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGURESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.  
  
EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

NOTES:

- 1 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL.
- 2 FUSES FUS, FUG, FU30, RELAY XFR AND ASSOCIATED WIRES ARE USED WITH OPTIONAL POWERED EXHAUST ONLY.
- 3 WIRES 400A (RD) AND 401A (BL) ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.
- 4 WIRE THE COMMUNICATION WIRES FROM BMS TO TC1/LC1/BC1 TO BOTTOM OF CONTROL BOX. SEE TC1/LC1/BC1 LITERATURE FOR SWITCH SETTINGS.
- 5 WIRING SHOWN IS FOR UNITS WITHOUT OPTIONAL DEHUMIDIFICATION. FOR DEHUMIDIFICATION CONNECTIONS, SEE INSET A.
- 6 WIRE 36AE NOT USED ON 35T UNITS.
- 9 WIRES 35E, 51A, 52A, 53A & 68A ARE USED WITH LOW HEAT ONLY. FOR HIGH HEAT OPTION, THEY ARE REPLACED BY WIRES 35D, 51B, 52B, 53B AND 68B.
- 10 WIRES 36AL, 201AA, 202V, & 250B (G/Y) ARE USED WITH HIGH HEAT OPTION ONLY.
- 11 FIELD INSTALLED BACNET TERMINATOR JUMPER IS REQUIRED FOR TERMINATION AT EACH END OF THE WIRED BACNET COMMUNICATIONS LINK.
- 12 WIRES FROM THERMOSTAT OR WC1.

11 X 17 METAL PLATE

|                                                                                                                                |                |              |                 |        |     |
|--------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|-----------------|--------|-----|
| TRANE                                                                                                                          |                | FILE NUMBER: | DRAWING NUMBER: | SHEET: | REV |
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| VOYAGER 3                                                                                                                      |                |              |                 |        |     |
| CONTROL BOX CONNECTION PRINT                                                                                                   |                |              |                 |        |     |
| 27.5-35 TON 380V-575V                                                                                                          |                |              |                 |        |     |
| CONSTANT VOLUME                                                                                                                |                |              |                 |        |     |
| 2 STAGE GAS HEAT                                                                                                               |                |              |                 |        |     |
| DRAWN BY:                                                                                                                      | TRANE DATE:    |              |                 |        |     |
| J. MORRIS                                                                                                                      | 8/02/10        |              |                 |        |     |
| REPLACES:                                                                                                                      | REVISION DATE: |              |                 |        |     |
| 2313-0624                                                                                                                      | 3/21/11        |              |                 |        |     |
| CAD SYSTEM USED:                                                                                                               | SIMILAR TO:    |              |                 |        |     |
| PRO/DETAIL                                                                                                                     |                |              |                 |        |     |

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'EQUIPEMENT.

ATTENTION

UTILICE UNICAMENTE 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.

