

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 TNS5.
- 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.
- 8 FUSE FU5,FU6, RELAY XFR, CAPACITOR CF5,CF6 AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.
- 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.

**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 A DISTANCE. PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAÎNEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DECHARGER LES CONDENSATEURS.  
NE PAS RESPECTER CES MESURES DE PRECAUTION 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 CONDENSADORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCION 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.

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THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.				
CONTROL BOX CONNECTION FOR YC 27.5-35 TON HI HEAT 208-230 VOLT CONSTANT VOLUME MOD GAS HEAT				
DRAWN BY: A.SINGLETARY @ DATE: 06/13/07		REVISION DATE:		
REPLACES:		SIMILAR TO: 2309-3291		
CAD SYSTEM USED: PRO/E				

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

METAL PLATE 11 X 17

**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.

**ATTENTION**

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.

**PRECAUCIÓN**

¡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.

