

- 1 ALL WIRING AND DEVICES SHOWN DASHED TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES.
- 2 IF ANY OF THE ORIGINAL WIRE, AS SUPPLIED WITH THIS UNIT, MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C AND 600V.
- 3 THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS. ALL MOTORS HAVE INTERNAL OVERLOAD PROTECTION. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.

- 5 CONNECTIONS SHOWN INCLUDE OPTIONAL HPC1 AND TD1. IF NEITHER OPTION IS INSTALLED, CONNECT WIRE W23 TO WIRE 122A. IF EITHER OR BOTH OPTIONS ARE INSTALLED, CONNECT THEM IN SERIES AS SHOWN.
- 6 OPTIONAL MAS, OAS AND ASSOCIATED WIRING NOT USED WITH MOTORIZED OUTSIDE DAMPER.
- 10 CONNECTIONS SHOWN ARE FOR 230V/60HZ/3PH. WHEN 208V/60HZ/3PH OPERATION IS REQUIRED, REMOVE WIRE 2Y FROM 230V TERMINAL ON TNS1 AND CONNECT TO 208V TERMINAL. SEE INSET A FOR 460V OPERATION.
- 11 CONNECTIONS SHOWN INCLUDE ALL OPTIONAL SMOKE DETECTORS AND CONDENSATE OVERFLOW. IF ONLY THE SMOKE DETECTORS (RASD, SASD) ARE INSTALLED, CONNECT WIRE W81 TO WIRE W82/W83. IF ONLY CONDENSATE OVERFLOW IS INSTALLED, CONNECT WIRE W80 TO TNS1-24V.
- 12 CONNECTIONS SHOWN INCLUDE ALL SMOKE DETECTORS. THE FOLLOWING COMBINATIONS ARE ALLOWED: PLSD ONLY, RASD ONLY, SASD ONLY AND RASD AND SASD. IF PLSD OR RASD IS NOT INSTALLED, CONNECT 510B TO W7B. IF SASD IS NOT INSTALLED, CONNECT 100CN TO W77.
- 13 WHEN INSTALLING ECONOMIZER, REMOVE PPM2 FROM PPF2, CONNECT PPM2A TO PPF2, AND CONNECT MAS TO WIRES 180A AND 181A.

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'ÉQUIPEMENT.

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.

IMPORTANT!

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

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	V (PR)	PURPLE
BL	BLUE	R	RED
BR	BROWN	TN	TAN
G	GREEN	W	WHITE
GY	GRAY	Y	YELLOW
O	ORANGE		

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DRAWN BY: R JOHNSON	TRANE® DATE: 01-JUNE-2015
REPLACES: --	REVISION DATE: 30-SEPT-2015
CAD SYSTEM USED: PRO/DETAIL	SIMILAR TO: --

FILE NUMBER:	12131678	DRAWING NUMBER:	12131669	SHEET:	1 OF 1	REV	C
PRECEDENT							
DIAGRAM							
CONNECTION PRINT							
COOLING ONLY 208V/230V/460V							
ELECTROMECHANICAL CONTROL							

 W A R N I N G

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 ENTRAÎNEMENTS 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
MORTELLS.

 ADVERTENCIA

¡VOLTAJE PELIGROSO!

DESCONECTE TODA LA ENERGÍA ELÉCTRICA.
INCLUSO LAS DESCONECCIONES 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.

