

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
O	ORANGE	Y	YELLOW

TRANE THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.	
DRAWN BY: L. D'ALBANI	TRANE® DATE: 19-AUG-2013
REPLACES: --	REVISION DATE: 22-NOV-2013
CAD SYSTEM USED: Pro/DETAIL	SIMILAR TO: --

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FOUNDATION DIAGRAM CONNECTION - CONTROL BOX 208/230V COOLING ONLY			

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.

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.

¡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.

NOTES:

- 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.
- 4 WIRE W5 IS PRESENT ONLY WITH THE LOW AMBIENT CONTROLLER OPTION - DUAL FAN.
- 5 TO SHUT DOWN THE UNIT FOR EMERGENCY STOP, REMOVE JUMPER BETWEEN LTB-9 AND LTB-10 AND INSTALL FIELD SUPPLIED DEVICE.
- 6 WIRES W1, W2, AND W3 ARE USED WITH ELECTRIC HEAT OPTION ONLY. WHEN ELECTRIC HEAT IS REQUIRED REMOVE WIRE NUT FROM WIRES AND CONNECT TO HIGH VOLTAGE TERMINAL BLOCK (HTB) PER DIAGRAM. SEE ELECTRIC HEAT DIAGRAM FOR REMAINDER OF CIRCUIT.
- 7 CONNECTIONS SHOWN INCLUDE OPTIONAL CONDENSATE OVERFLOW SWITCH (COF). IF COF IS NOT INSTALLED, CONNECT WIRE W5(R) TO 10A(IR).
- 8 CONNECTIONS SHOWN INCLUDE OPTIONAL FROSTAT (FOS). IF FOS IS NOT INSTALLED, CONNECT WIRE W8 TO WIRE 10T1.
- 9 SHOWS STANDARD ID MOTOR CONNECTIONS. FOR OPTIONAL 10 HP ID MOTOR CONNECTIONS, REPLACE WIRE 109A WITH 109G, AND CONNECT AS SHOWN IN INSET A.
- 10 WIRE NUMBER 3K IS ONLY PRESENT WITH OPTIONAL 10HP MOTOR W/EXTERNAL OVERLOADS.

