

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, EXCEPT FOR THE OPTIONAL 10 HP MOTOR. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.
- 4

REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
- 5

REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
- 6

OPTIONAL MAS, RAS, RHS, QHS AND ASSOCIATED WIRING NOT USED WITH MOTORIZED OUTSIDE AIR.
- 9

20 AND 25 TON CONNECTION SHOWN. FOR 15 AND 17.5 TON UNITS, COMPRESSOR 1 IS CONNECTED THE SAME AS COMPRESSOR 2.
- 10

CCH1 IS STANDARD ON 20T AND 25T UNITS. IT IS OPTIONAL ON ALL OTHER TONNAGES.
- 11

CCH2 IS AN AVAILABLE OPTION ON ALL TONNAGES.
- 8

TO INSTALL OPTIONAL ECONOMIZER, REMOVE PLUG PPM2A FROM PPF2 AND CONNECT ECONOMIZER PLUG PPM2.

| 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 |

IMPORTANT!

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

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: 22-AUG-2013

REPLACES: --

REVISION DATE: 21-NOV-2013

CAD SYSTEM USED: Pro/DETAIL

SIMILAR TO: --

FILE NUMBER: 2313-2238

DRAWING NUMBER: 2313-2242

SHEET: 1 OF 1

REV: C

FOUNDATION

DIAGRAM  
CONNECTIONS - RACEWAY  
2-STAGE GAS HEAT W/VFD

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.

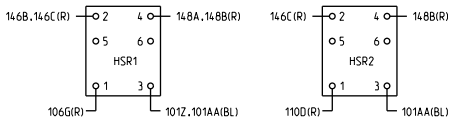
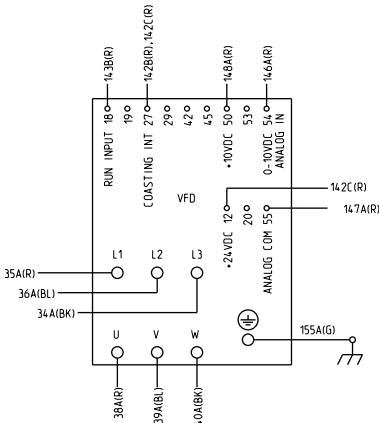
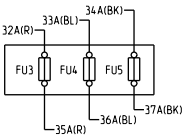
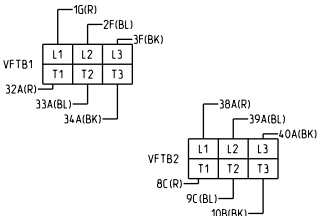
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

ATTENTION

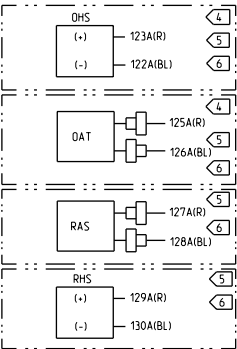
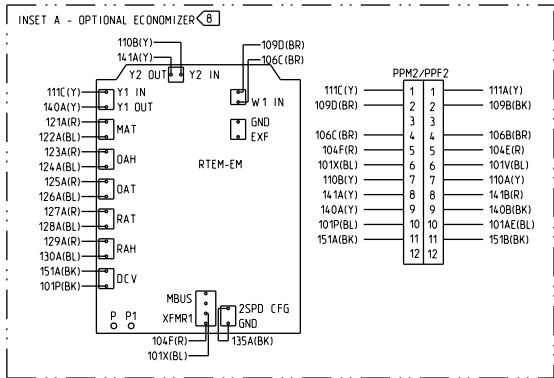
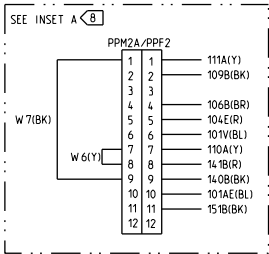
¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

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

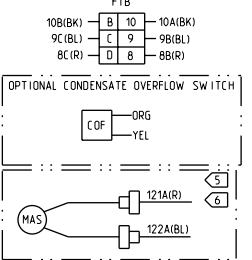
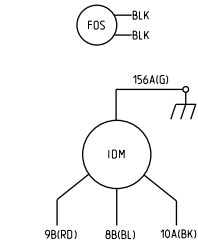
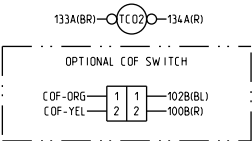
SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.



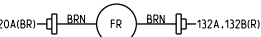
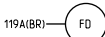
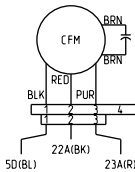
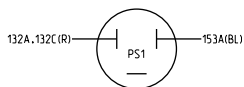
RETURN SECTION



INDOOR SECTION



HEAT SECTION



OUTDOOR SECTION

