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.
3. THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS. ALL MOTORS HAVE INTERNAL OVERLOAD PROTECTION. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.
4. CONNECTIONS SHOWN ARE FOR 230V/60HZ/3PH. WHEN 208V/60HZ/3PH OPERATION IS REQUIRED, REMOVE WIRES FROM 230V TERMINAL ON TNS3 AND CONNECT TO 208V TERMINAL.
5. CONNECTIONS SHOWN ARE FOR 230 VAC. WHEN 208 VAC OPERATION IS REQUIRED, REMOVE WIRES FROM 230V TERMINAL ON TNS1 AND CONNECT TO 208V TERMINAL.
6. WHEN COMM INTERFACE IS INSTALLED, CONNECT CABLE FROM COMM J1 TO RTRM J4, AS SHOWN IN INSET A. SEE COMM INTERFACE LITERATURE FOR SWITCH SETTINGS.
7. WIRES W1, W2 AND W3 USED WITH ELECTRIC HEAT OPTION ONLY. WHEN ELECTRIC HEAT IS REQUIRED REMOVE WIRE NUT FROM WIRES AND CONNECT TO HI VOLTAGE TERMINAL BLOCK (HTB1) PER DIAGRAM. SEE ELECTRIC HEAT DIAGRAM FOR REMAINDER OF CIRCUIT.
8. IF RTOM OR ECONOMIZER W/ COMM INTERFACE IS INSTALLED, CONNECT PPF5 TO J2 ON COMM. IF COMM INTERFACE IS NOT INSTALLED, CONNECT PPF5 TO J4 ON RTRM. SEE INSET B.
9. REQUIRED FOR CO2 OR VENTILATION OVERRIDE ACCESSORY.
10. TO DISABLE COMPRESSORS, REMOVE JUMPERS AND CONNECT FIELD SUPPLIED CONTROL DEVICE.
11. TO SHUT DOWN THE UNIT FOR EMERGENCY STOP, REMOVE JUMPER AND INSTALL FIELD SUPPLIED DEVICE.
12. CONNECT WIRES 36BY AND 36BZ TO ENABLE 3 STAGE COOLING ON HIGH EFFICIENCY SHORT ORIFICE UNITS ONLY.
13. IF OPTIONAL ECONOMIZER IS ORDERED WITHOUT RTOM, CONNECT PPM6 TO PPF8. SEE INSET C.
18. CONNECTIONS SHOWN ARE FOR UNIT SIZE INDICATED. CONNECTIONS FOR OTHER SIZE UNITS ARE MADE IN COMPRESSOR JUNCTION BOX.

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

FUSE REPLACEMENT TABLE

FU1, FU2	200-230V	TYPE FLQ	20 AMP

IMPORTANT!

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

TRANE

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FILE NUMBER: 2313-1496	DRAWING NUMBER: 2313-1499	SHEET: 1 OF 1	REV A
DRAWN BY: D. SHANNON	TRANE® DATE: 3/15/12		
REPLACES: 2313-0396-B	REVISION DATE:		
CAD SYSTEM USED: PRO/DETAIL	SIMILAR TO:		

VOYAGER 2
DIAGRAM
CONNECTION - CONTROL BOX
HEAT PUMP - 200-230 VAC
CONSTANT VOLUME

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

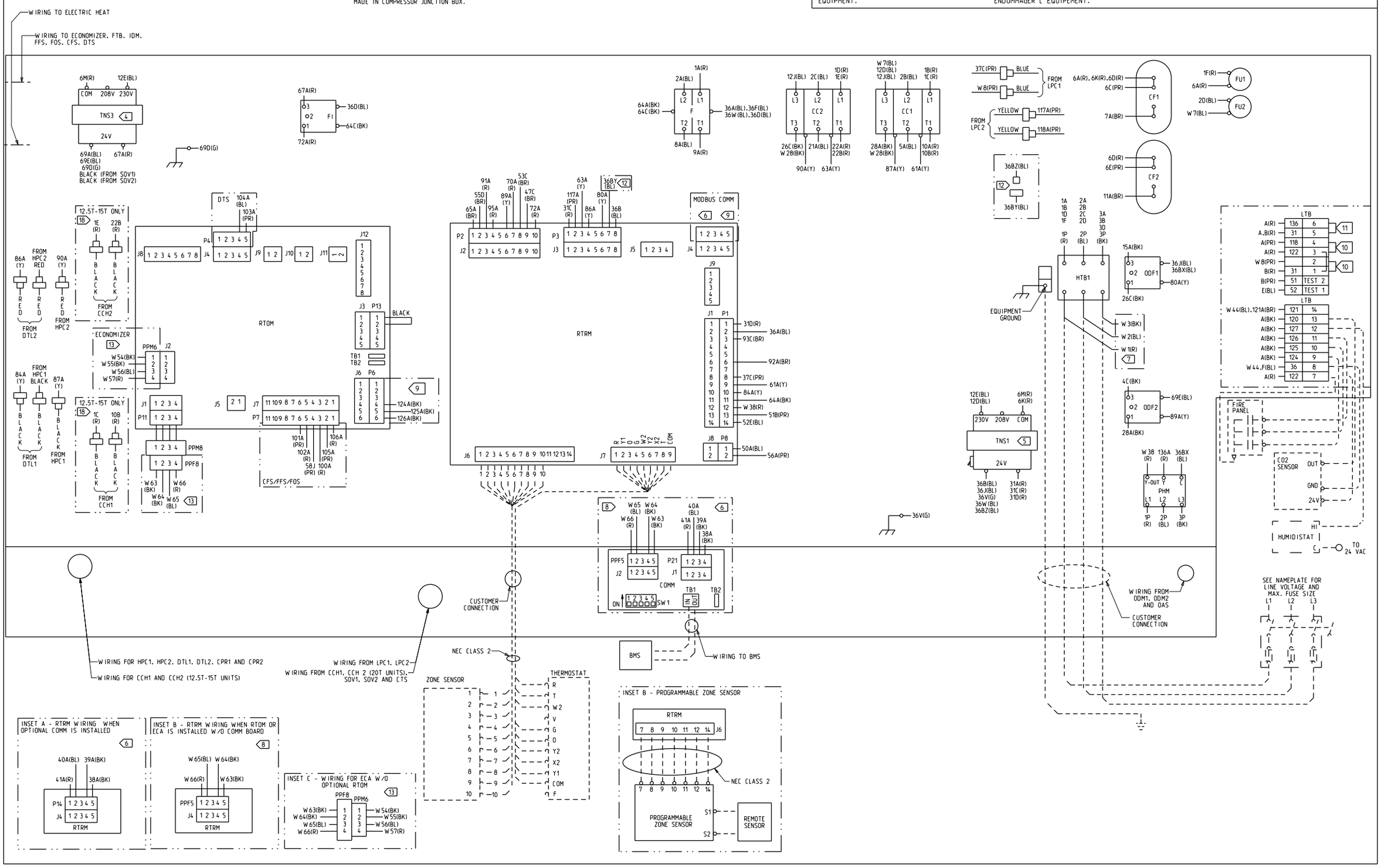
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

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'ÉQUIPEMENT.

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.