

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 H3 TERMINAL ON TNS2 AND CONNECT TO H2 TERMINAL ON TNS2.
- 5 CONNECTIONS SHOWN ARE FOR 230V/60HZ/3PH. WHEN 208V/60HZ/3PH OPERATION IS REQUIRED, REMOVE WIRES FROM 230V TERMINAL ON TNS1 AND CONNECT TO 208V TERMINAL ON TNS1.
- 7 WHEN COMM INTERFACE IS INSTALLED, CONNECT CABLE FROM COMM J1 TO RTRM J4. SEE COMM INTERFACE LITERATURE FOR SWITCH SETTINGS. SEE ALSO INSET D.

- 14 CONNECT PPF5 TO COMM IF PRESENT. 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.
- 15 REQUIRED FOR CO2 OR VENTILATION OVERRIDE ACCESSORY.
- 16 TO DISABLE COMPRESSORS, REMOVE JUMPER AND CONNECT FIELD SUPPLIED CONTROL DEVICE.
- 19 TO SHUT DOWN THE UNIT FOR EMERGENCY STOP, REMOVE JUMPER AND INSTALL FIELD SUPPLIED DEVICE.
- 24 CONNECT WIRES 36BY AND 36BZ TO ENABLE 3 STAGE COOLING ONLY ON HIGH EFFICIENCY SHORT DRIFICE UNITS.
- 25 IF OPTIONAL ECONOMIZER IS ORDERED WITHOUT RTOM, CONNECT PPM6 TO PPF8. SEE INSET C.
- 26 WIRING SHOWN IS FOR CV UNITS. 36W NOT PRESENT ON VAV UNITS.
- 27 WIRE NUMBERS WITH A "/" IN BETWEEN ARE CV/VAV OPTIONS.
- 28 F CONTACTOR USED FOR STANDARD UNITS. FOR TITLE 24/SINGLE ZONE VAV REPLACE F WITH HTB3.
- 29 TITLE 24 ONLY
- 30 SINGLE ZONE VAV ONLY
- 31 TITLE 24 AND SINGLE ZONE VAV

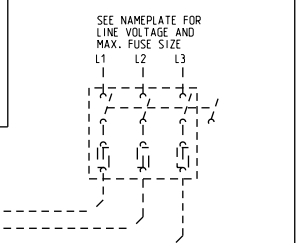
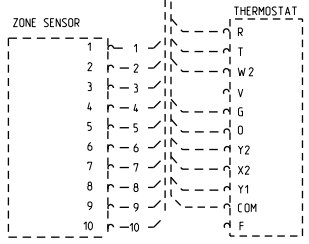
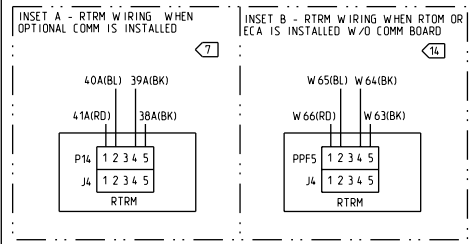
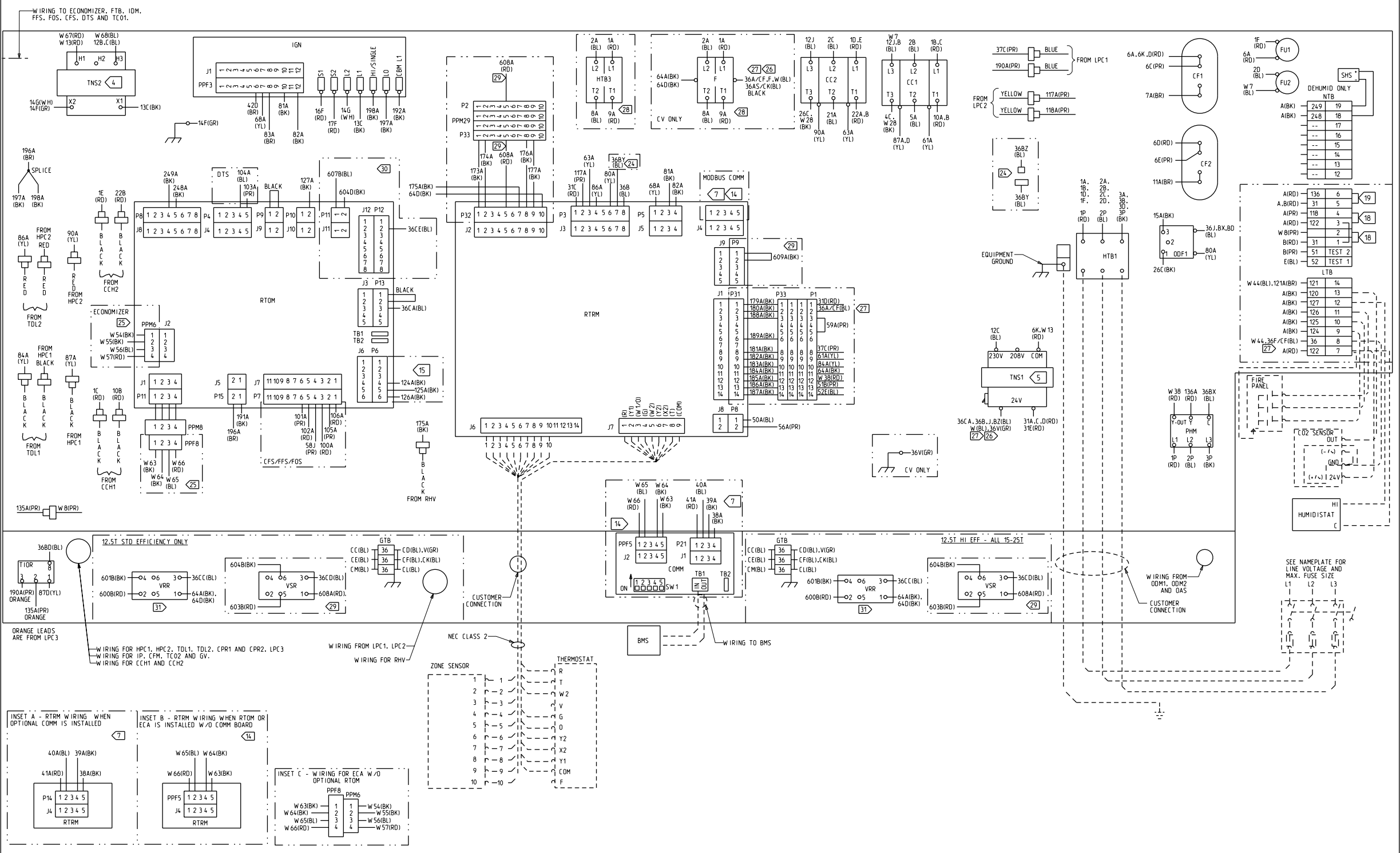
WIRE COLOR DESIGNATION	ABBR	COLOR	ABBR	COLOR
BK	BLACK	PR	PURPLE	
BL	BLUE	RD	RED	
BR	BROWN	WH	WHITE	
GR	GREEN	YL	YELLOW	
OR	ORANGE	TN	TAN	

FUSE REPLACEMENT TABLE			
FU1, FU2	208-230V	TYPE	FLG
			20 AMP

<b>TRANE</b> THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.		FILE NUMBER: 2313-1431	DRAWING NUMBER: 2313-1422	SHEET: 1 OF 1	REV A
<b>VOYAGER 2</b> <b>DIAGRAM</b> <b>CONNECTION - CONTROL BOX</b> <b>MODULATING GAS HEAT - 208-230 VAC</b> <b>W/ DEHUMID. W/ TITLE 24/SINGLE ZONE VAV</b> YC 151, 181					
DRAWN BY: D. SHANNON	TRANE DATE: 10-16-11				
REPLACES:	REVISION DATE:				
CAD SYSTEM USED: PRO/DETAIL	SIMILAR TO: 2313-0340-B				

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

CAUTION	PRECAUCIÓN	ATTENTION
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.



ORANGE LEADS ARE FROM LPC3  
 WIRING FOR HPC1, HPC2, TD1, TD2, CPR1 AND CPR2, LPC3  
 WIRING FOR IP, CFM, TIC02 AND GV.  
 WIRING FOR CCH1 AND CCH2

WIRING FROM LPC1, LPC2

WIRING FOR RHV

NEC CLASS 2

WIRING TO BMS

WIRING FROM ODM1, ODM2 AND DAS

SEE NAMEPLATE FOR LINE VOLTAGE AND MAX. FUSE SIZE