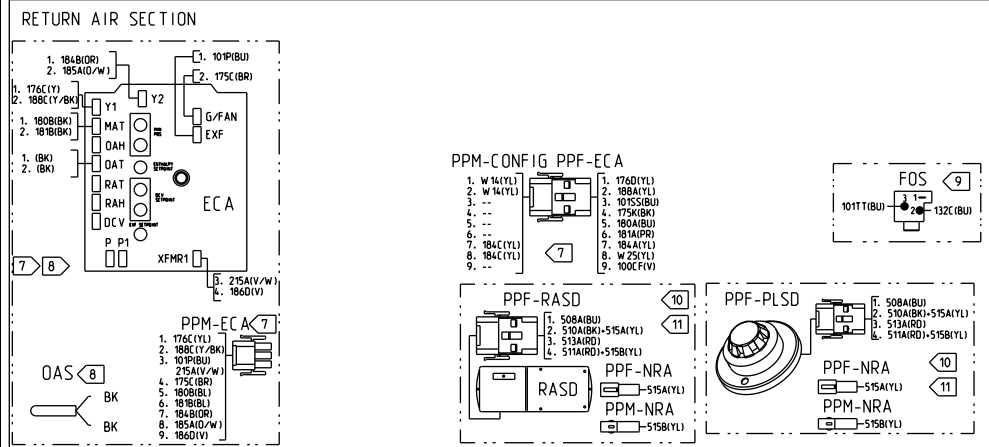
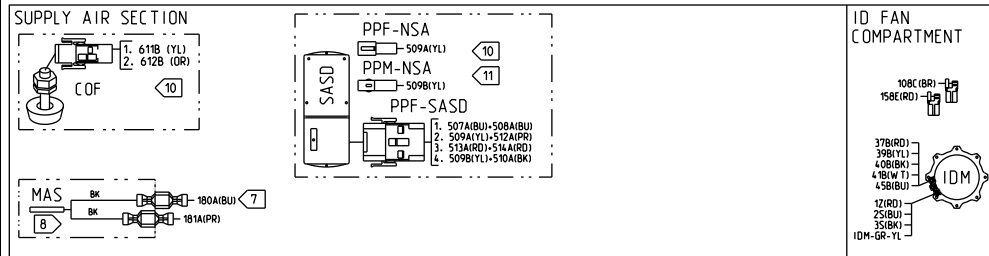
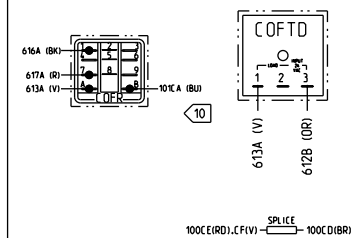


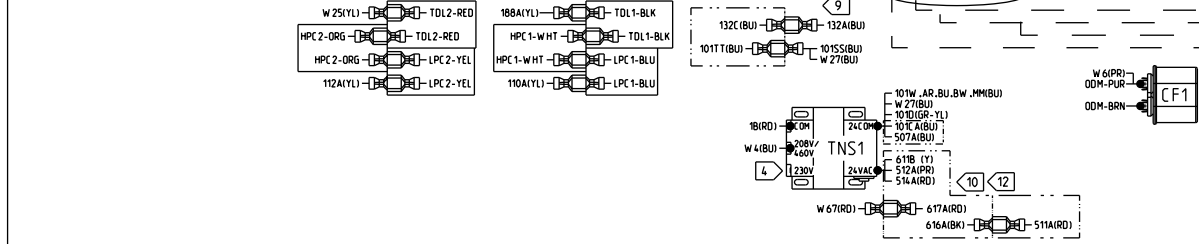
1. ALL WIRING AND DEVICES SHOWN DASHED TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER WITH LOCAL AND NATIONAL ELECTRICAL CODES. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS.
2. IF ANY OF THE ORIGINAL WIRES, AS SUPPLIED WITH THIS UNIT, MUST BE REPLACED, REPLACE WITH APPLIANCE 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 208V/60HZ/3PH OR 460V/60HZ/3PH OPERATION. WHEN 230V/60HZ/3PH OPERATION IS REQUIRED, MOVE WIRE W4 FROM TNS1-208V/460V TO TNS1-230V.
5. PINS COM AND VT ON MMC ARE FOR IDM RPM INDICATION 0-10V.
6. CCH2 LEADS ARE BLACK WITH BROWN TAPE WRAPPED AROUND THE END OF EACH LEAD.
7. TO INSTALL THE OPTIONAL ECONOMIZER, REMOVE PLUG PPM-CONFIG FROM PPF-ECA AND CONNECT PLUG PPM-ECA TO PPF-ECA. ALSO, CONNECT MAS TO WIRES 180A AND 181A.
8. FOR MOTORIZED OUTSIDE AIR DAMPER, OPTIONAL MAS AND OAS (AND ASSOCIATED WIRING) ARE NOT USED.
9. CONNECTIONS SHOWN INCLUDE OPTIONAL FOS. IF FOS IS NOT INSTALLED, CONNECT WIRES 101SS AND W27 TO WIRE 132A.
10. CONNECTIONS SHOWN INCLUDE ALL OPTIONAL SMOKE DETECTORS AND CONDENSATE OVERFLOW. IF ONLY SMOKE DETECTOR(S) (RASD, PLSD, OR SASD) IS INSTALLED, CONNECT 571A TO W67. IF ONLY CONDENSATE OVERFLOW IS INSTALLED, CONNECT 616A TO TNS1-24VAC. IF NEITHER OPTION IS INSTALLED, CONNECT W67 TO TNS1-VAC.
11. CONNECTIONS SHOWN INCLUDE ALL OPTIONAL SMOKE DETECTORS. THE FOLLOWING COMBINATIONS ARE ALLOWED: PLSD ONLY, RASD ONLY, SASD ONLY OR RASD & SASD ONLY. IF SASD IS THE ONLY SMOKE DETECTOR INSTALLED, CONNECT PLUG PPM-NRA TO PPM-NRA. IF RASD OR PLSD IS THE ONLY SMOKE DETECTOR INSTALLED, CONNECT PLUG PPM-NSA TO PPM-NSA.
12. TNS1 MAY OCCASIONALLY BE INSTALLED ROTATED 180 DEGREES FROM THE ORIENTATION SHOWN. THE BREAKER ON TNS1 SHOULD ALWAYS BE FACING THE FRONT OF THE UNIT.
13. PLUG PPM-RT IS NOT CONNECTED TO ANYTHING. IT IS ONLY USED FOR FACTORY RUNTEST HOOKUP.



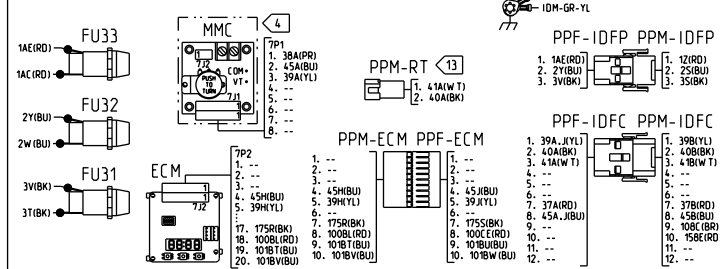
CONTROL BOX - VERTICAL



CONTROL BOX - HORIZONTAL



ID FAN CONTROLS PANEL



HEATER SECTION



⚠ WARNING

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 TOUS
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
MORTELLLES.

 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. ASEGÚRESE 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.

TRANE

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE
COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE
PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE

DRAWN BY: © TRANE DATE:
R JOHNSON 6/7/2013

DO NOT SCALE PRINT

THIRD ANGLE
PROJECTION



IMPORTANT

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

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.

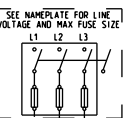
ATTENTION

N'UTILISER QUE DES CONDUCTEURS EN
CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS
CONÇUES POUR RECEVOIR D'AUTRES TYPES
DE CONDUCTEURS.

TION DE TOUT AUTRE CONDUCTEUR
OMMAGER L'ÉQUIPEMENT.

PRECAUCIÓN
UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.



OUTDOOR SECTION

