

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.

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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.

8 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 (HTB) PER DIAGRAM. SEE ELECTRIC HEAT DIAGRAM FOR REMAINDER OF CIRCUIT.

9 WHEN ELECTRIC HEAT OPTION IS REQUIRED, REFER TO ELECTRIC HEAT DIAGRAM FOR CUSTOMER POWER CONNECTIONS. (SEE INSET E)

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- WIRING TO
ELECTRIC HEAT
(PPF7 - SEE INSET E

WIRING TO FTB, ECONOMIZER,
FFS, CFS, DTS

13 OPTIONAL MAS, RAS, RHS, OHS AND ASSOCIATED WIRING
NOT USED WITH MOTORIZED OUTSIDE AIR.

14 CONNECT PPF-5 TO COMM IF PRESENT. OTHERWISE
CONNECT TO RTRM.

15 REQUIRED FOR CO2 OR VENTILATION OVERRIDE ACCESSORY.

18 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.

23 3 STAGE COOLING CONFIG WIRE.
CONNECT WIRES 36BY AND 36BZ TO
ENABLE 3 STAGE COOLING ONLY ON
HIGH EFFICIENCY SHORT ORIFICE UNITS

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

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.



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

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 TOUTS
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
MORTELLES.

¡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

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DRAWN BY:
S. SEIS

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1 OF 1	B

DIAGRAM

CONNECTION ELECTRICAL

400-575V

TC 300E,301E