

NOTES:

21 WIRING SHOWN IS FOR HOOKUP WITHOUT COMM. BOARD
HOOK PPF14(VAV) OR PPF13(CV) TO RTRM J4.
WITH OPTL. COMM. BOARD. HOOK PPF14 OR PPF13 TO
COMM J2, P14 TO RTRM J4 AND P21 TO COMM J1.
SEE INSET A FOR WIRE NUMBERS.

22 WIRE 36AE IS NOT USED FOR THE
TC/TE/YC_420 OR TC/TE/YC_600.

24 REQUIRED FOR OPT. REFERENCE ENTHALPY CONTROL.

25 REQUIRED FOR OPT. COMPARATIVE ENTHALPY CONTROL.

26 WIRES 174A & 161A REQUIRED ONLY FOR
TC (COOLING/NO HEAT) UNITS.
WIRES 67B, 65E & 64D REQUIRED ONLY FOR
TE (COOLING/ELECTRIC HEAT) UNITS.

28 REQUIRED FOR OPTIONAL POWER EXHAUST.

29 OPTIONAL CLOGGED FILTER SWITCH.

30 REQUIRED FOR OPTIONAL VAV.

31 REQUIRED FOR OPTIONAL VFD.

32 SEE APPLICABLE VARIABLE FREQUENCY DRIVE
DIAGRAM FOR BALANCE OF CIRCUIT.

33 PLUG(S) LOCATED IN MAIN CONTROL PANEL

34 WIRES REQUIRED ONLY FOR V.F.D. WITH
BYPASS OPTION.

35 WIRES 154A & 155A (P34) REQUIRED FOR VAV W/ IGV OPTION.
WIRES 154B & 155B (P35) REQUIRED FOR VAV W/ VFD OPTION.

37 REQUIRED FOR OPTIONAL 100% POWER EXHAUST

38 REQUIRED FOR OPTIONAL FRESH AIR TRACKING EXHAUST

WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER
INCLUDING REMOTE DISCONNECTS
BEFORE SERVICING.

FAILURE TO DISCONNECT POWER
BEFORE SERVICING CAN CAUSE
SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT

VOLTAGE HASARDEUX!

DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES
DISJONCTEURS SITUES A DISTANCE
AVANT D'EFFECTUER L'ENTRETIEN.

FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAINER DES
BLESSURES CORPORELLES SEVERES
OU LA MORT.

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.

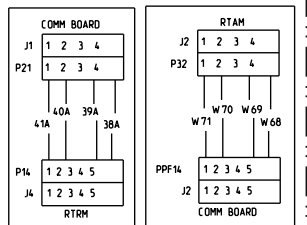
IMPORTANT!

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

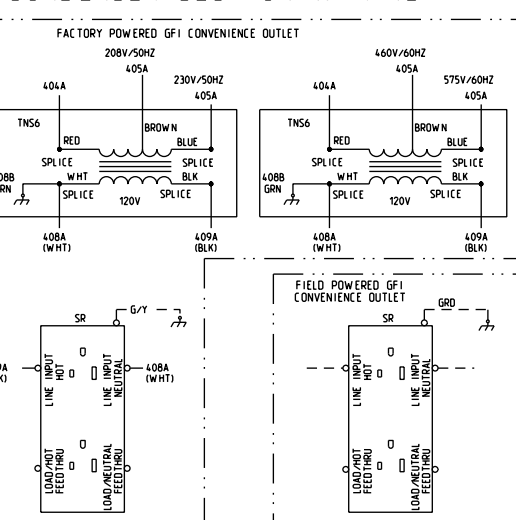
FUSE REPLACEMENT TABLE

FU1	380-415V	CLASS CC	15 AMP
FU2	460-575V	CLASS CC	15 AMP
FU3	380-415V	N/A	N/A
FU4	460-575V	N/A	N/A
FU5	380-415V	CLASS CC	5 AMP
FU30	460-575V	CLASS CC	5 AMP
FU20	460-575V	CLASS CC	5 AMP
FU21	460-575V	CLASS CC	5 AMP
FU11- FU19	380-575V	TYPE RKS	60 AMP

INSET A -
(SEE NOTE 21)
COMM BOARD
CONNECTIONS



CONDENSER SECTION WIRING

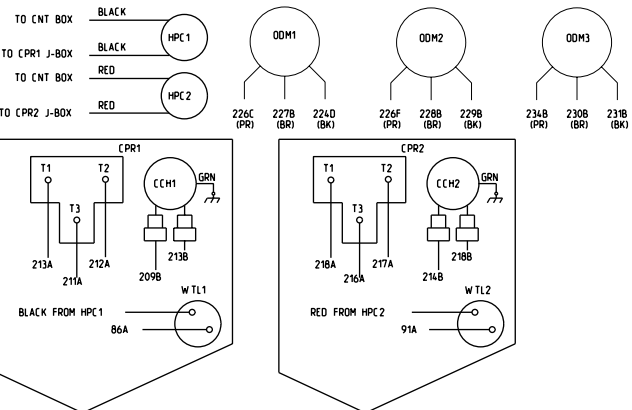


11 X 17 METAL PLATE

TRANE

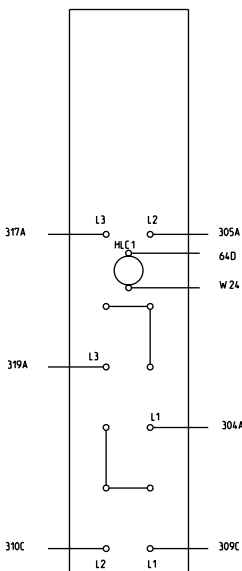
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PARTIES WITHOUT THE CONSENT OF TRANE.
DRAWN BY: D.GOUTAM TRANE DATE: 11-30-07
REPLACES: - REVISION DATE: -
CAD SYSTEM USED: PRO/E SIMILAR TO: 2307-909B

FILE NUMBER: 2309-3525 DRAWING NUMBER: 2309-3539 SHEET: 1 OF 1 REV A
VOYAGER 3
TE.27.5-35.380-575V.VAV.36 & 54 KW &
TC.27.5-35.380-575V.VAV

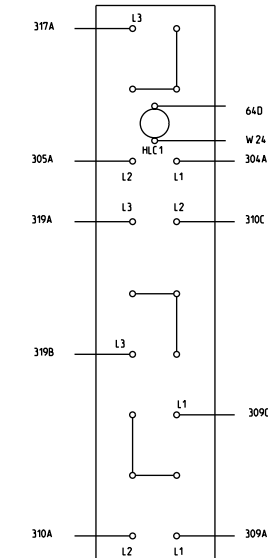


HEAT SECTION WIRING

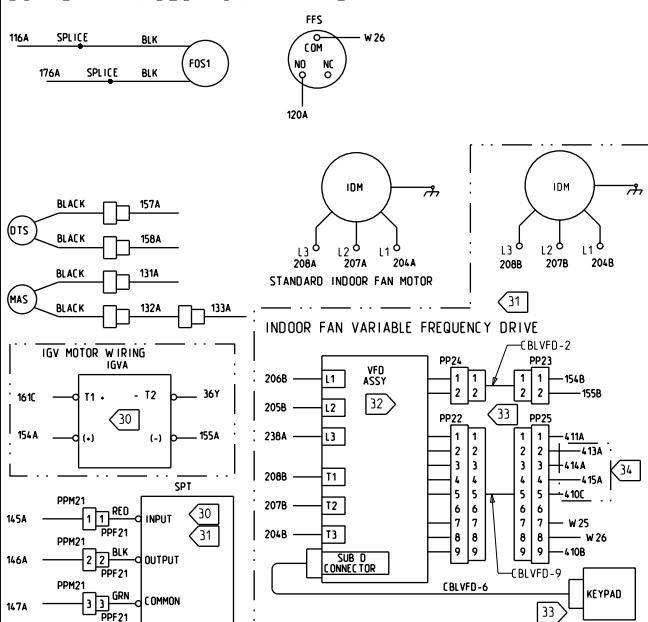
36 KW HEAT



54 KW HEAT



SUPPLY AIR SECTION WIRING



RETURN AIR SECTION WIRING

