

## 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.

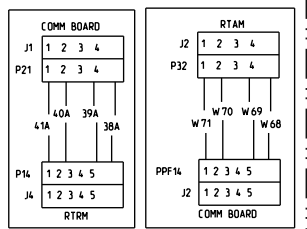
## FUSE REPLACEMENT TABLE

|      |          |          |        |
|------|----------|----------|--------|
| 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  |
| FU6  | 460-575V | CLASS CC | 5 AMP  |
| FU20 | 460-575V | CLASS CC | 5 AMP  |
| FU21 | 460-575V | CLASS CC | 5 AMP  |
| FU19 | 380-575V | TYPE RKS | 60 AMP |

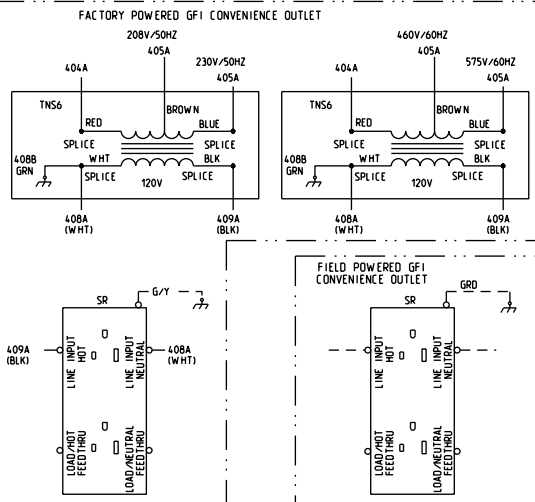
## INSET A -

(SEE NOTE 21)

COMM BOARD



## 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

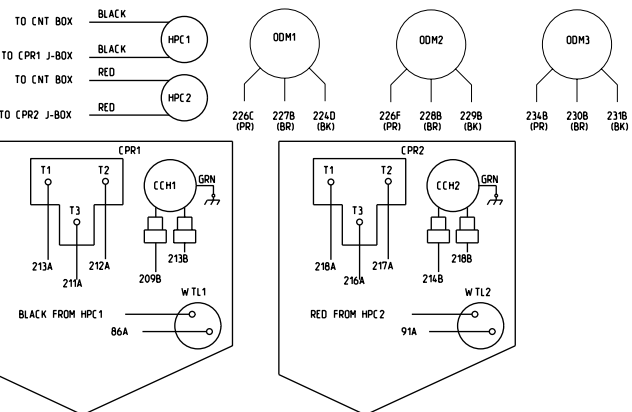
REPLACES: - REVISION DATE: -

CAD SYSTEM USED: PRO/E SIMILAR TO: 2307-9099

FILE NUMBER: 2309-3525 DRAWING NUMBER: 2309-3540 SHEET: 1 OF 1 REV: A

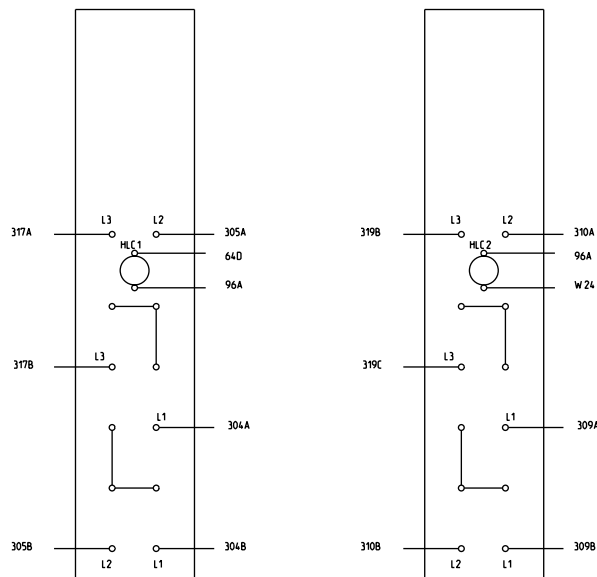
VOYAGER 3

TE.27.5-35.380-575V.VAV.72 &amp; 90 KW

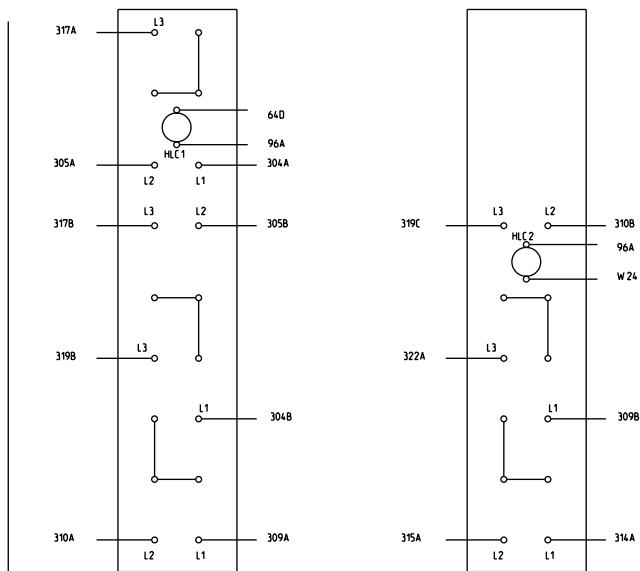


## HEAT SECTION WIRING

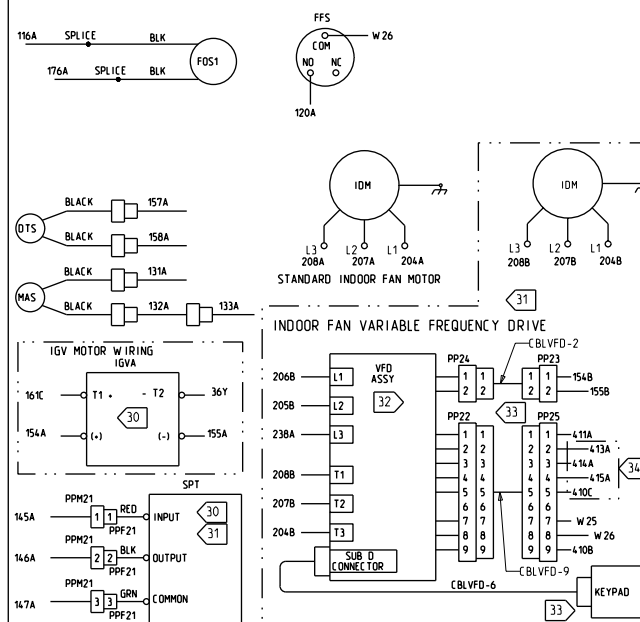
## 72 KW HEAT



## 90 KW HEAT



## SUPPLY AIR SECTION WIRING



## RETURN AIR SECTION WIRING

