

# 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.
- 23 UNITS WITH LO HEAT OPTION HAVE A SINGLE HEAT EXCHANGER. UNITS WITH HI HEAT OPTION HAVE TWO HEAT EXCHANGERS.
- 24 REQUIRED FOR OPT. REFERENCE ENTHALPY CONTROL.
- 25 REQUIRED FOR OPT. COMPARATIVE ENTHALPY CONTROL.
- 26 WIRES 51A, 52A & 53A (P5) REQUIRED FOR YC LOW GAS HEAT OPTION. WIRES 51D, 52D & 53D (P5) REQUIRED FOR YC HIGH GAS HEAT OPTION.
- 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.

## 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.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

## PRECAUCIÓN

UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

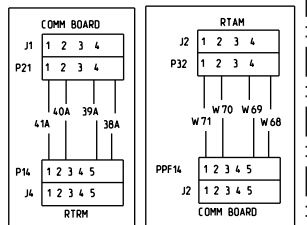
SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

## IMPORTANT!

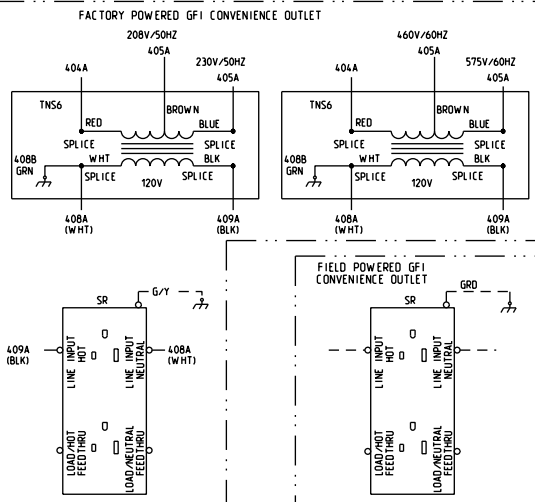
DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

| FUSE REPLACEMENT TABLE |          |          |        |
|------------------------|----------|----------|--------|
| FU1                    | 208-230V | CLASS CC | 20 AMP |
| FU2                    | 380-415V | CLASS CC | 15 AMP |
| FU3                    | 460-575V | CLASS CC | 15 AMP |
| FU4                    | 208-230V | CLASS CC | 15 AMP |
| FU5                    | 208-230V | CLASS CC | 20 AMP |
| FU6                    | 380-415V | CLASS CC | 15 AMP |
| FU20                   | 208-230V | CLASS CC | 10 AMP |
| FU21                   | 460-575V | CLASS CC | 5 AMP  |

INSET A -  
(SEE NOTE 21)  
COMM BOARD CONNECTIONS



## CONDENSER SECTION WIRING



11 X 17 METAL PLATE

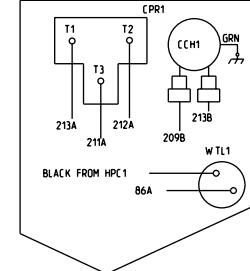
BLUE  
BLUE  
LPC1

TO CNT BOX

TO CPR1 J-BOX

TO CNT BOX

TO CPR2 J-BOX



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DRAWN BY: A.SINGLETARY © DATE: 06/14/07  
REPLACES: - REVISION DATE: -  
CAD SYSTEM USED: - SIMILAR TO: 2309-3344  
PRO/E

FILE NUMBER:  
2309-3836  
DRAWING NUMBER:  
2309-3861  
SHEET:  
1 OF 1  
REV  
D  
YC.27.5-35.VAV  
MOD GAS HEAT

## HEAT SECTION WIRING

23 HI HEAT 23

23 LO HEAT 23

