

NOTES:

- [2] OPTIONAL CLOGGED FILTER SWITCH.
- [3] REQUIRED FOR OPTIONAL VENTILATION OVERRIDE.
- [4] REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
- [5] REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
- [6] WIRING SHOWN IS FOR UNITS WITHOUT OPTIONAL COMMUNICATIONS BOARD (LC1/TC1/BC1) OR DEHUMIDIFICATION. FOR OPTIONAL CONNECTIONS, SEE INSET A.
- [7] WIRING SHOWN IS FOR UNITS WITH OPTIONAL ECONOMIZER WITHOUT STATITRAC OPTION. FOR OPTIONAL CONNECTIONS, SEE INSET B.
- [8] REQUIRED FOR OPTIONAL 50% POWERED EXHAUST.
- [9] XFM2 REQUIRED FOR OPTIONAL 100% POWERED EXHAUST.
- [10] REQUIRED FOR OPTIONAL FRESH AIR TRACKING EXHAUST. NOTE: ON STATITRAC UNITS, CONNECTIONS ARE MADE WITH WIRES 182B AND 183B (NOT 182A AND 183A).
- [11] CUSTOMER TO PROVIDE WIRES 408A (WHT), 409A (BLK) AND GROUND WIRE (G/Y) WHEN FIELD POWERED.
- [13] WIRE 174A REQUIRED FOR TC (COOLING/NO HEAT) UNITS ONLY.
- [16] WIRES 64D, 65E, & 67B ARE USED ON TE (ELECTRIC HEAT) UNITS ONLY. WIRE 35A IS USED ON TC (COOLING) ONLY.

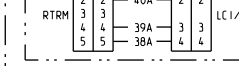
- [18] SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.
- [19] PLUGS LOCATED IN MAIN CONTROL PANEL.
- [20] WIRES REQUIRED FOR V.F.D. WITH BYPASS OPTION ONLY.

- [22] SENSOR EET AND WIRES 110A & 111A USED WITH OPTIONAL DEHUMIDIFICATION AND IS ATTACHED TO CIRCUIT 1 FOR 27.5-35 TON UNITS, AND TO CIRCUIT 2 FOR 40-50 TON UNITS.
- [23] WIRE 117A IS REQUIRED TO ENABLE DEHUMIDIFICATION. WIRES 141A AND 142A ARE USED WITH DEHUMIDIFICATION AND CUSTOMER INSTALLED SPACE HUMIDITY SENSOR (SHS). WIRES 112A AND 113A ARE USED WITH DEHUMIDIFICATION AND CUSTOMER INSTALLED HUMIDISTAT (HS).

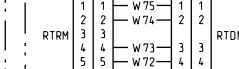
FUSE REPLACEMENT TABLE				
FU1	308-415V	CLASS CC	20 AMP	
FU2	460-575V	CLASS CC	15 AMP	
FU3	380-415V	N/A	N/A	
FU4	460-575V			
FU5	380-415V	CLASS CC	7.5 AMP	
FU6	460-575V			
FU20	460-575V	CLASS CC	5 AMP	
FU21				
FU11 - FU19	380-575V	TYPE RK5	60 AMP	

INSET A - OPTIONAL MODBUS CONNECTIONS

WITH OPTIONAL COMM.

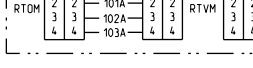


DEHUMIDIFICATION WITHOUT OPTIONAL COMM.

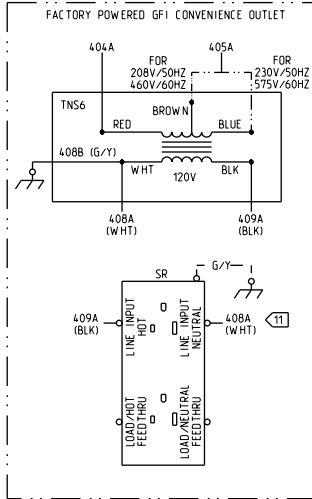
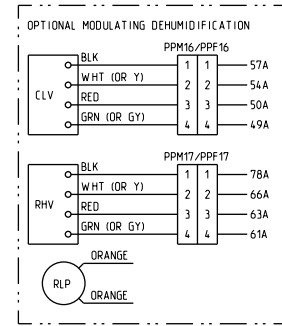


INSET B - STATITRAC MODBUS CONNECTIONS

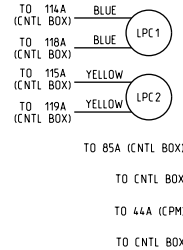
WITH OPTIONAL COMM.



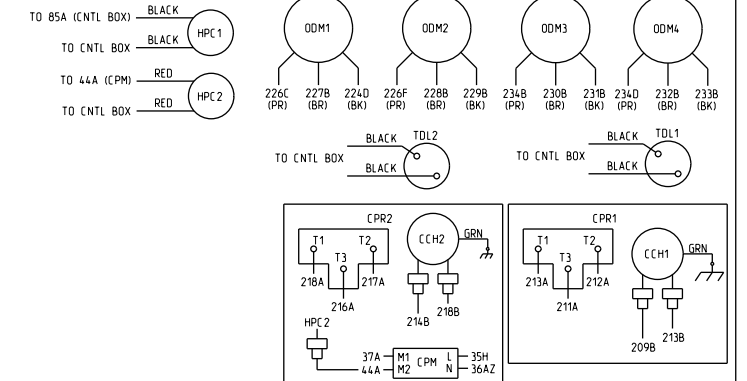
CONDENSER SECTION WIRING



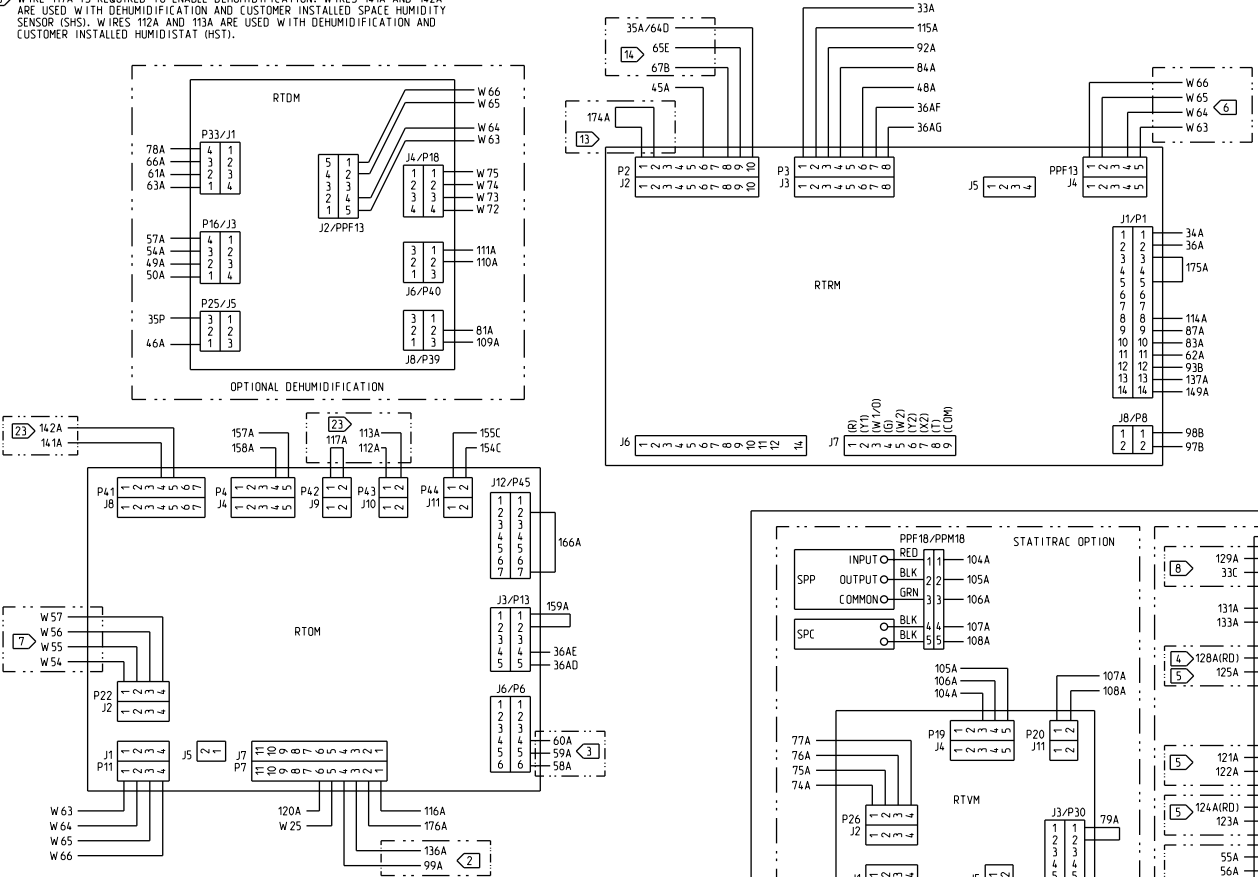
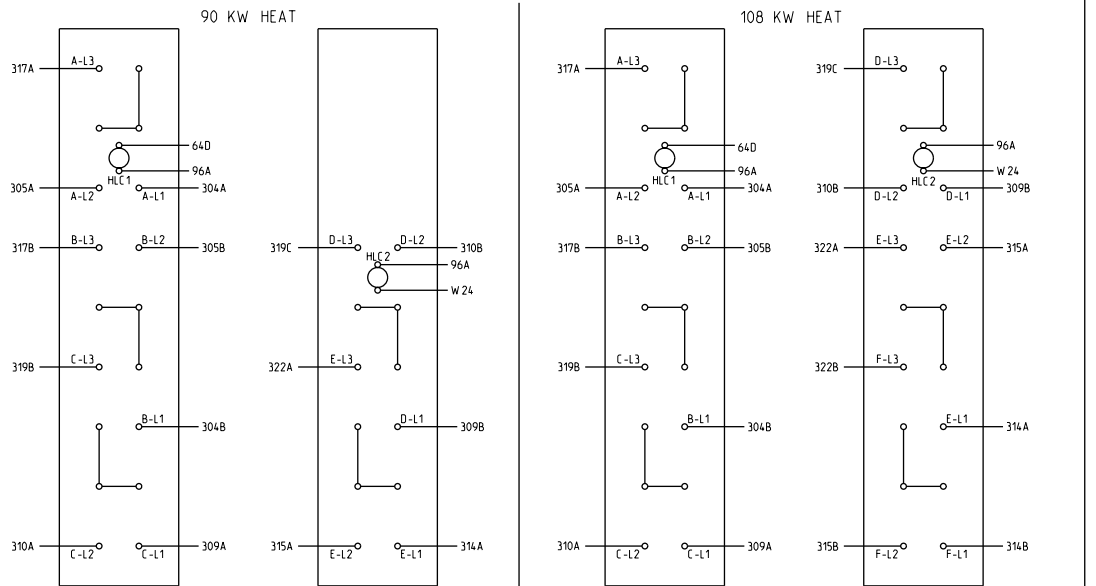
11 X 17 METAL PLATE



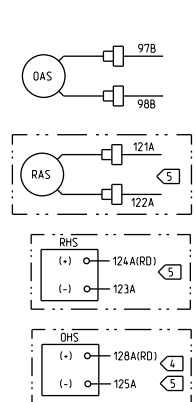
TRANE	FILE NUMBER: 2313-0663	DRAWING NUMBER: 2313-0769	SHEET: 1 OF 1	REV: A
VOYAGER 3				
RACEWAY DEVICES CONNECTION PRINT				
40 TON				
SINGLE ZONE VARIABLE AIR VOLUME				
90KW / 108KW ELECTRIC HEAT / COOLING ONLY				



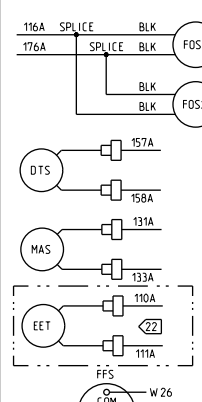
HEAT SECTION WIRING



RETURN AIR SECTION WIRING



SUPPLY AIR SECTION WIRING



INDOOR FAN VARIABLE FREQUENCY DRIVE

