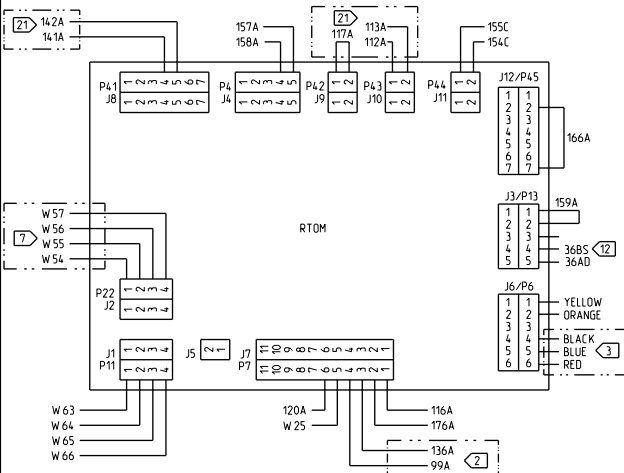
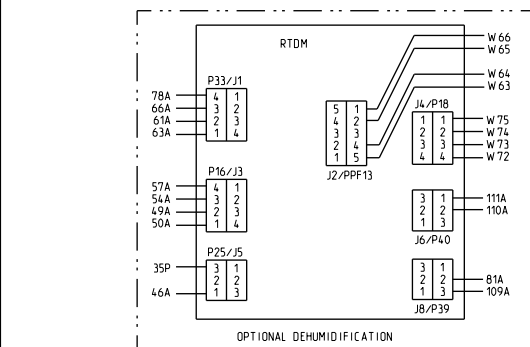
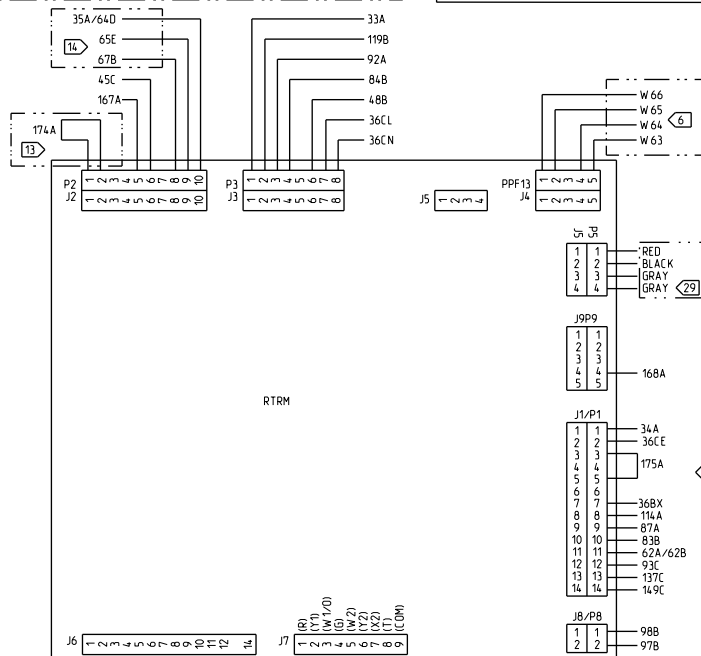
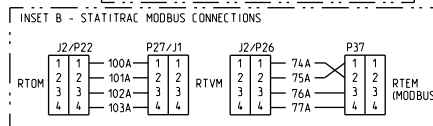
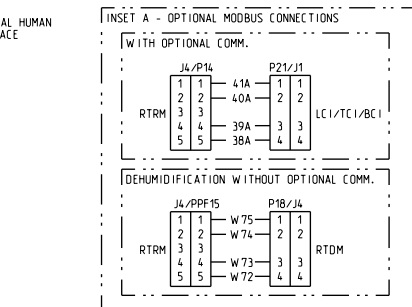


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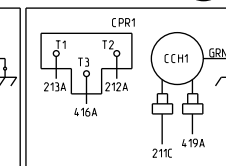
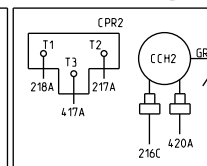
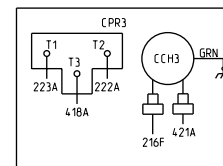
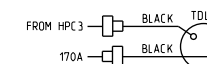
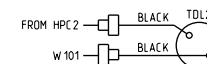
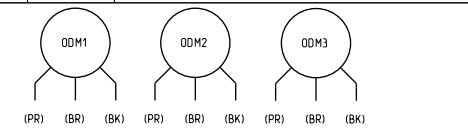
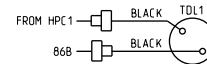
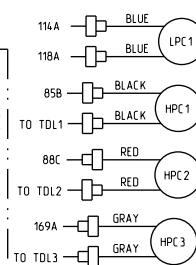
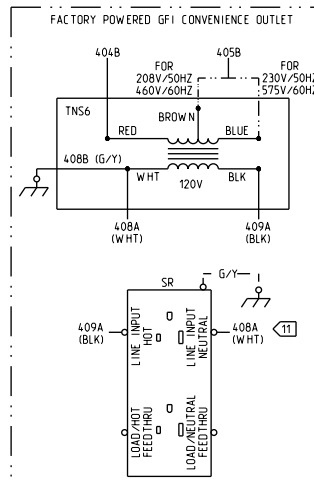
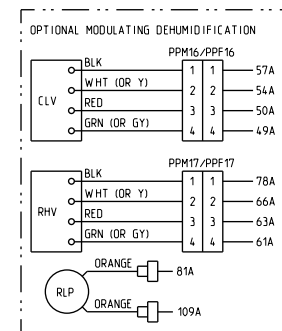
- 1 OPTIONAL CLOGGED FILTER SWITCH.
- 3 REQUIRED FOR OPTIONAL VENTILATION OVERRIDE.
- 4 REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
- 5 REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
- 6 WIRING SHOWN IS FOR UNITS WITHOUT OPTIONAL COMMUNICATIONS BOARD (LC1/TC1/BC1) OR DEHUMIDIFICATION. FOR 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 182A & 183A ARE REQUIRED FOR FRESH AIR TRACKING. FOR UNITS WITH OPTIONAL STATITRAC AND TRACS USE 182B & 183B
- 11 CUSTOMER TO PROVIDE WIRES 409A (WHT), 409A (BLK) AND GROUND WIRE (G/Y) WHEN FIELD POWERED.
- 12 WIRE 36BS IS NOT USED FOR 35 TON UNITS.
- 13 WIRE 174A REQUIRED FOR TC (COOLING/NO HEAT) UNITS ONLY.
- 14 WIRES 64D, 65E, & 67B ARE USED ON TC (ELECTRIC HEAT) UNITS ONLY. WIRE 35A IS USED ON TC (COOLING) ONLY.
- 17 SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.
- 18 PLUGS LOCATED IN MAIN CONTROL PANEL.
- 19 WIRES REQUIRED FOR V.F.D. WITH BYPASS OPTION ONLY.
- 20 SENSOR AET AND WIRES 110A & 111A USED WITH OPTIONAL DEHUMIDIFICATION AND S ATTACHED TO CIRCUIT 1 FOR 27.5-35 TON UNITS, AND TO CIRCUIT 2 FOR 40-50 TON UNITS.
- 21 WIRE 117A IS REQUIRED TO ENABLE DEHUMIDIFICATION. WIRES 141A AND ARE USED WITH DEHUMIDIFICATION AND CUSTOMER INSTALLED SPACE HUM SENSOR (SHS). WIRES 112A AND 113A ARE USED WITH DEHUMIDIFICATION CUSTOMER INSTALLED HUMIDISTAT (HST).
- 22 WIRE 62B IS USED ON CV UNITS AND 62A IS USED ON VAV/SZVAV UNIT.
- 25 DISCONNECT WIRES 36BW AND 36BV ON HORIZONTAL UNITS.



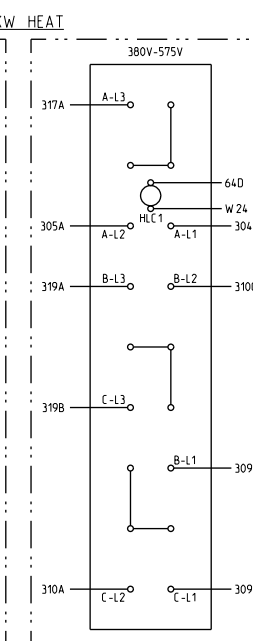
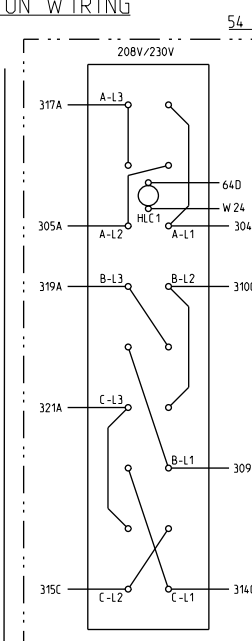
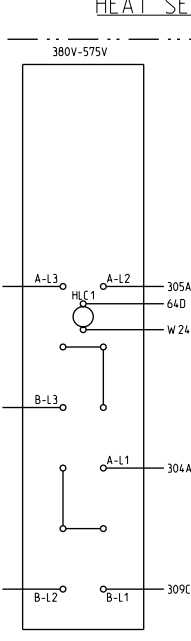
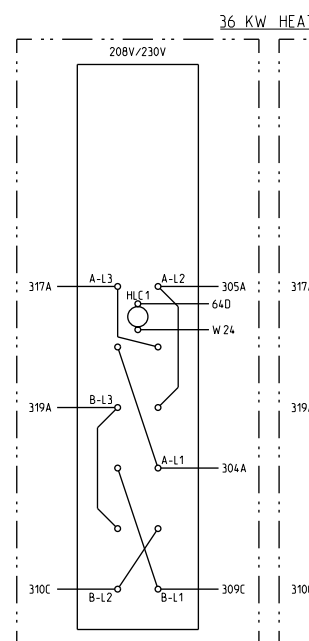
- | | |
|----|--|
| 26 | 182F & 183F ARE REQUIRED FOR FRESH AIR TRACKING.
FOR UNITS WITH OPTIONAL STATIRAC AND TRAQ USE 182G & 183G. |
| 27 | REQUIRED FOR ULTRA LOW LEAK DAMPER. |
| 28 | WIRES 182C & 183C ARE REQUIRED FOR ULTRA LOW LEAK DAMPER |
| 29 | OPTIONAL HUMAN
INTERFACE |
- INSET A - OPTIONAL MODBUS CONNECTION



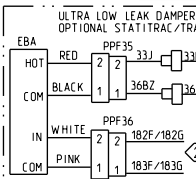
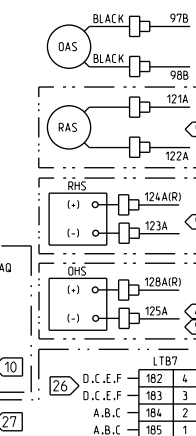
CONDENSER SECTION WIRING



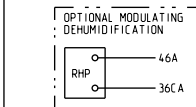
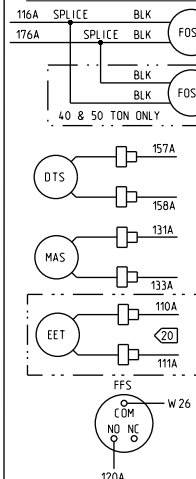
HEAT SECTION WIRING



RETURN AIR SECTION WIRING



SUPPLY AIR
SECTION WIRING



INDOOR FAN VARIABLE FREQUENCY DRIVE

