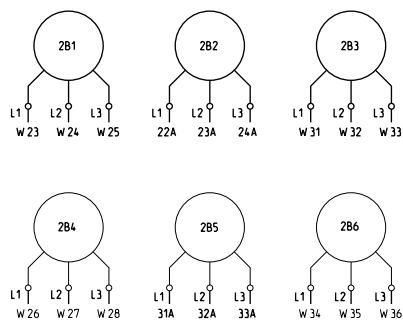
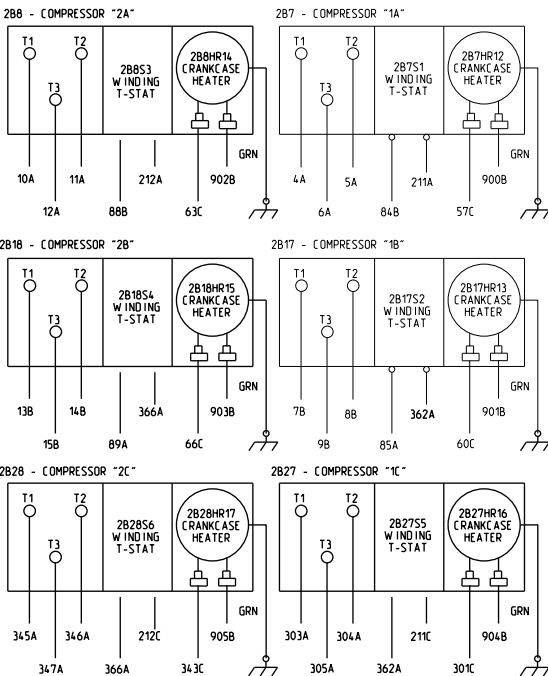


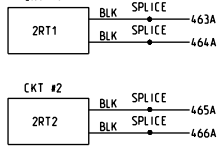
INSET "3A"- COND FAN MOTORS



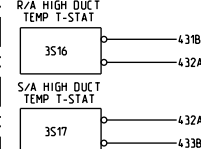
INSET "3B"- COMPRESSORS



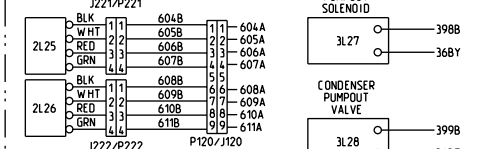
INSET "3C"- SAT COND TEMP SENSOR



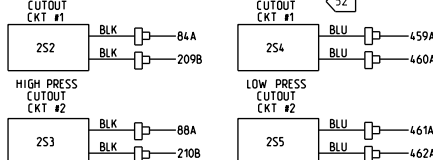
INSET "3P"- OPTIONAL HIGH DUCT TEMP T-STAT



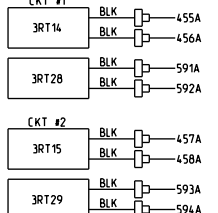
INSET "3D"- HOT GAS REHEAT



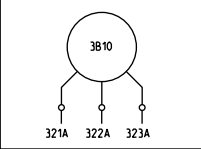
INSET "3E"- HIGH AND LOW PRESSURE CUTOUPS



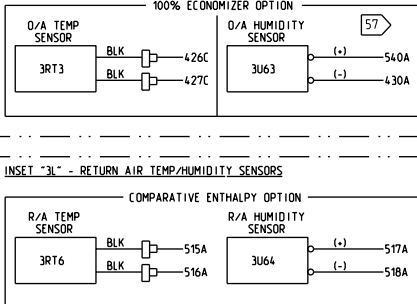
INSET "3N"- EVAPORATOR TEMP SENSORS



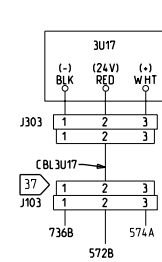
INSET "3G"- EXHAUST AIR FAN MOTOR



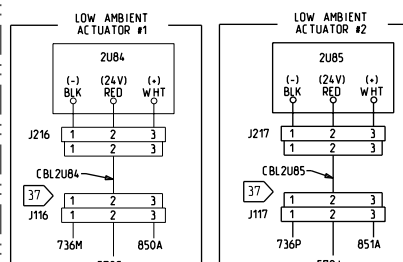
INSET "3K"- OUTDOOR AIR TEMP/HUMIDITY SENSORS



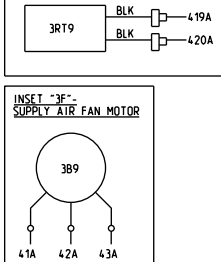
INSET "3S"- 1GV OPTION



INSET "3AB"- OPTIONAL LOW AMBIENT DAMPER ACTUATOR



INSET "3M"- SUPPLY AIR TEMP SENSOR



10 X 15 METAL PLATE

TRANE  
THIS DRAWING IS PROPRIETARY AND SHALL NOT BE  
COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE  
PARTIES WITHOUT THE CONSENT OF TRANE.  
DRAWN BY: B.SMALLING  
REPLACES:  
CAD SYSTEM USED: Pro/DETAIL

FILE NUMBER: 2309-3093  
DRAWING NUMBER: 2309-3065  
SHEET: 3 OF 3  
REV: C  
ROOFTOP PACKAGED AIR CONDITIONER  
CONNECTION WIRING DIAGRAM  
RACEWAY WIRE DEVICES - AREAS 2 - 3 - 4  
70 & 75 TON S.H.F  
W/ EXH/RTN FAN VARIABLE FREQUENCY DRIVE

NOTES:

- 37 PLUG(S) LOCATED IN MAIN CONTROL PANEL.
- 52 25A & 25S ARE LOW PRESSURE CUTOOUT SWITCHES USED FOR COMPRESSOR PROTECTION (7 PSIG). CAUTION !! DO NOT JUMPER ACROSS SWITCH UNDER ANY CIRCUMSTANCE.
- 55 WIRES REQUIRED ONLY FOR V.F.D. WITH BYPASS OPTION.
- 57 3U63 AND ASSOCIATED WIRING USED ON REFERENCE ENTHALPY AND COMPARATIVE ENTHALPY OPTIONS.
- 58 SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.
- 59 WIRES 582A & 736G ARE FOR RETURN FAN OPTION ONLY. WIRES 559A & 474A ARE FOR EXHAUST FAN OPTION ONLY

| AREA | LOCATION                      |
|------|-------------------------------|
| 1    | INSIDE UNIT CONTROL BOX       |
| 2    | CONDENSER SECTION             |
| 3    | AIR HANDLER SECTION           |
| 4    | HEATING SECTION               |
| 5    | EXTERNAL FIELD MOUNTED DEVICE |

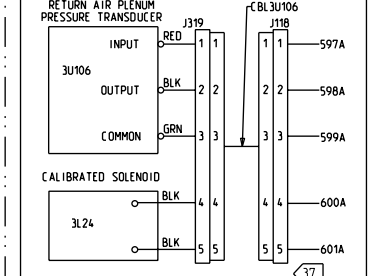
**IMPORTANT!**  
DO NOT ENERGIZE UNIT  
UNTIL CHECK-OUT AND  
START-UP PROCEDURE HAS  
BEEN COMPLETED.

**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 ENTRAÎNER 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.

INSET "3I"- OPTIONAL RETURN FAN CONTROL



INSET "3J"- EXHAUST/RETURN FAN VARIABLE FREQUENCY DRIVE

