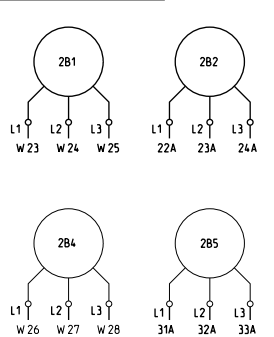
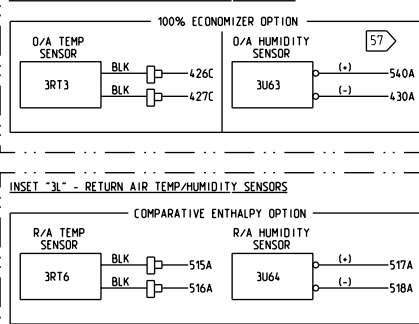


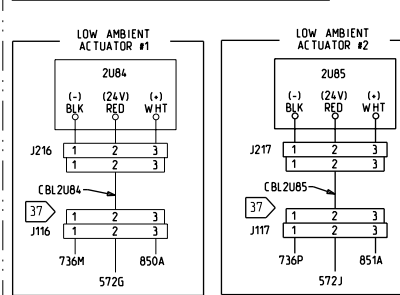
INSET "3A"- COND FAN MOTORS



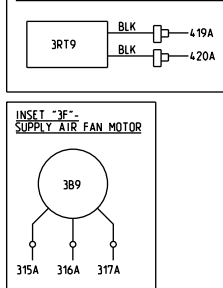
INSET "3K"- OUTDOOR AIR TEMP/HUMIDITY SENSORS



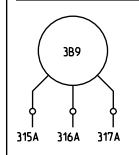
INSET "3AB"- OPTIONAL LOW AMBIENT DAMPER ACTUATOR



INSET "3M"- SUPPLY AIR TEMP SENSOR



INSET "3F"- SUPPLY AIR FAN MOTOR



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: 2309-3056
SHEET: 3 OF 3
REV: C
ROOFTOP PACKAGED AIR CONDITIONER
CONNECTION WIRING DIAGRAM
RACEWAY WIRE DEVICES - AREAS 2 - 3 - 4
40 - 60 TON S.H.F
W/ SUPPLY & EXH/RTN FAN VARIABLE FREQUENCY DRIVES

- NOTES:
- 32 2B3 AND ASSOCIATED WIRING USED ON 50 THRU 60 TON UNITS ONLY.
 - 33 2B6 AND ASSOCIATED WIRING NOT USED ON 40 TON UNITS.
 - 37 PLUG(S) LOCATED IN MAIN CONTROL PANEL.
 - 52 25A & 25S ARE LOW PRESSURE CUTOUT 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.
 - 56 WIRES 213B & 37AD REQUIRED ONLY ON UNITS WITH GAS OR ELECTRIC HEAT.
 - 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

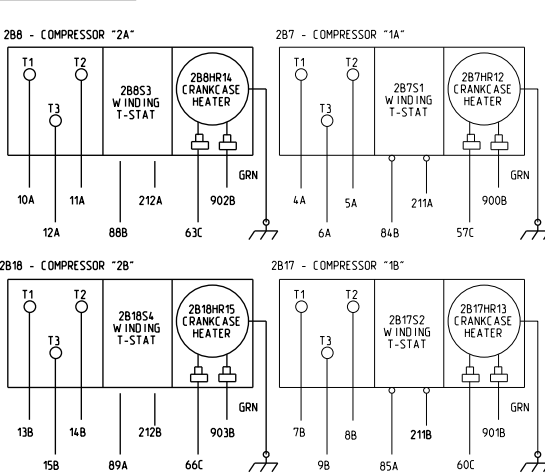
IMPORTANT!
DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

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.

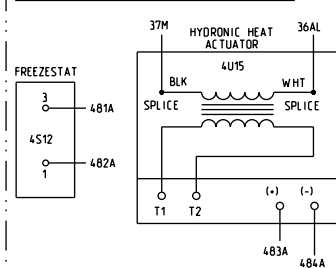
AVERTISSEMENT
VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

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.

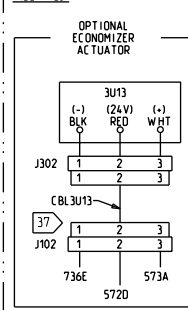
INSET "3B"- COMPRESSORS



INSET "3V"- OPTIONAL STEAM OR HOT WATER HEAT



INSET "3J"-



OPTIONAL EXHAUST FAN CONTROL

