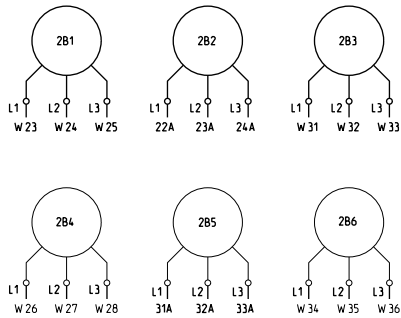
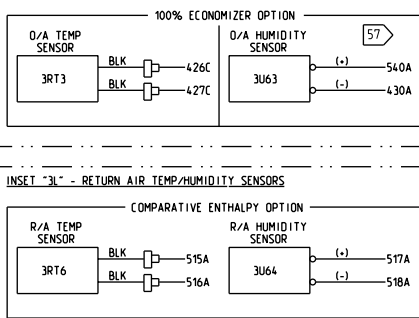


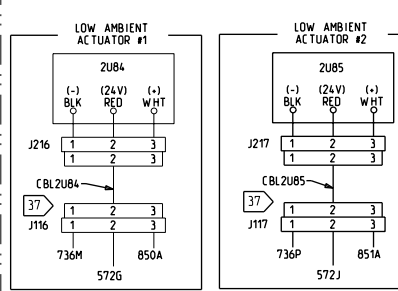
INSET "3A"- COND FAN MOTORS



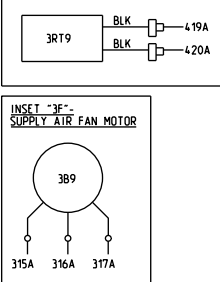
INSET "3K"- OUTDOOR AIR TEMP/HUMIDITY SENSORS



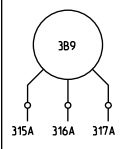
INSET "3AB"- OPTIONAL LOW AMBIENT DAMPER ACTUATOR



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

TRANE DATE: 07/15/2001
REVISION DATE: 30-Apr-08
SIMILAR TO: 2307-4540

FILE NUMBER: 2309-3093
DRAWING NUMBER: 2309-3066
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/ SUPPLY & EXH/RTN FAN VARIABLE FREQUENCY DRIVES

NOTES:

- 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.

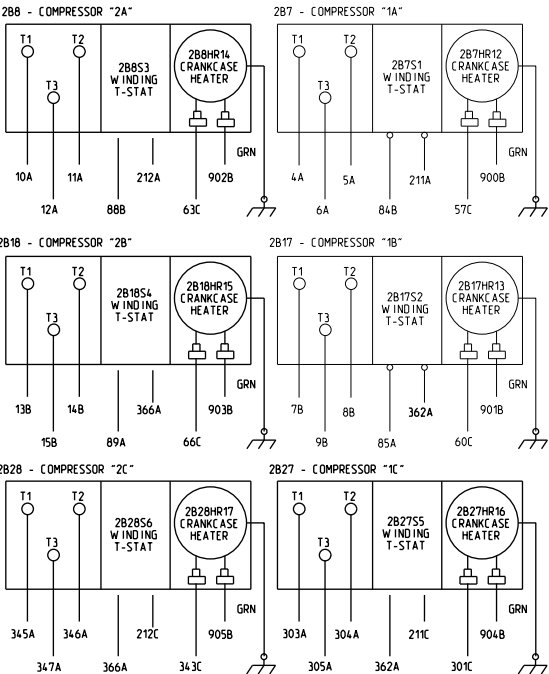
AVERTISSEMENT

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.

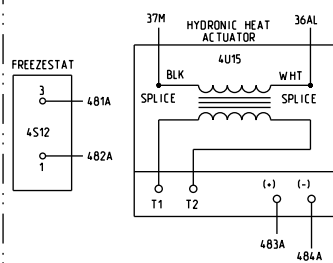
CAUTION

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.

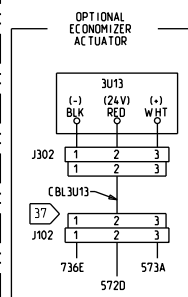
INSET "3B"- COMPRESSORS



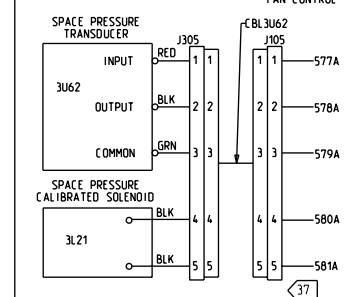
INSET "3V"- OPTIONAL STEAM OR HOT WATER HEAT



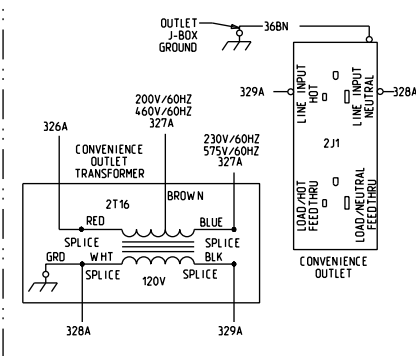
INSET "3I"-



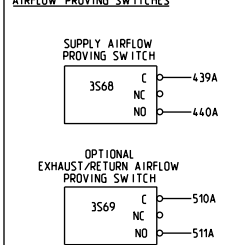
OPTIONAL EXHAUST FAN CONTROL



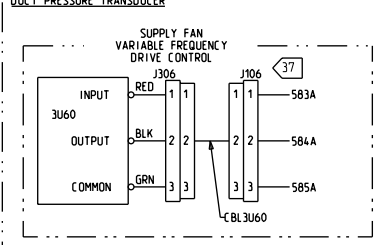
INSET "3Y"- OPTIONAL CONVENIENCE OUTLET



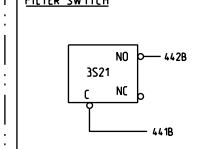
INSET "3R"- SUPPLY & EXHAUST/RETURN AIRFLOW PROVING SWITCHES



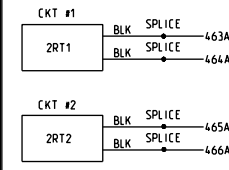
INSET "3T"- SUPPLY AIR DUCT PRESSURE TRANSDUCER



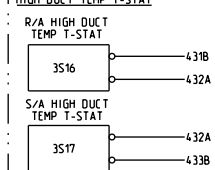
INSET "3Q"- FILTER SWITCH



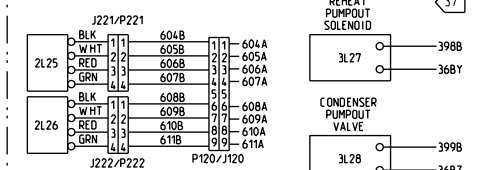
INSET "3C"- SAT COND TEMP SENSOR



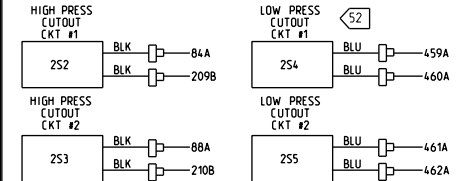
INSET "3P"- OPTIONAL HIGH DUCT TEMP T-STAT



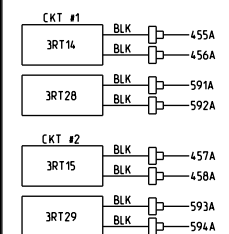
INSET "3D"- HOT GAS REHEAT



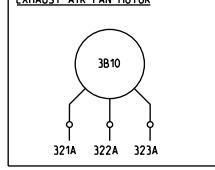
INSET "3D"- HIGH AND LOW PRESSURE CUTOUPS



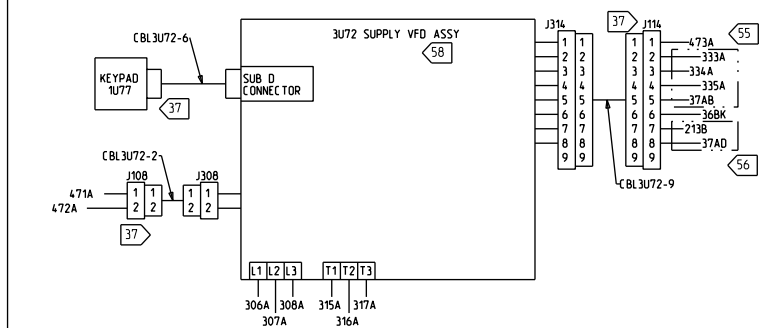
INSET "3N"- EVAPORATOR TEMP SENSORS



INSET "3G"- EXHAUST AIR FAN MOTOR



INSET "3AA"- SUPPLY FAN VARIABLE FREQUENCY DRIVE



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

