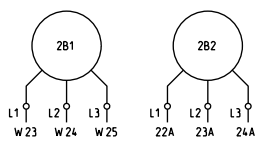
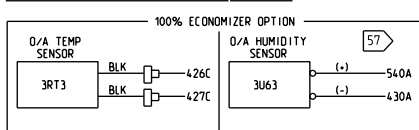


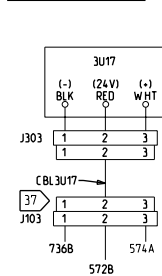
INSET "3A"- COND FAN MOTORS



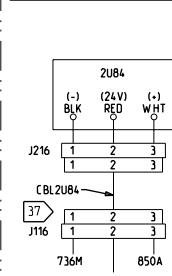
INSET "3K"- OUTDOOR AIR TEMP/HUMIDITY SENSORS



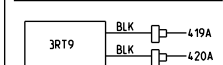
INSET "3S"- 1GV OPTION



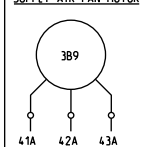
INSET "3AB"- OPTIONAL LOW AMBIENT DAMPER ACTUATOR



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 TRANE® DATE: 07/15/2001

REPLACES: REVISION DATE: 30-Apr-08

CAD SYSTEM USED: Pro/DETAIL SIMILAR TO: 2307-4620

FILE NUMBER: 2309-3093 DRAWING NUMBER: 2309-3043 SHEET: 3 OF 3 REV: A

ROOFTOP PACKAGED AIR CONDITIONER
CONNECTION WIRING DIAGRAM
RACEWAY WIRE DEVICES - AREAS 2 - 3 - 4
20 - 30 TON S-HF

NOTES:

32 2B3 AND ASSOCIATED WIRING USED ON 25 & 30 TON UNIT ONLY.

37 PLUG(S) LOCATED IN MAIN CONTROL PANEL.

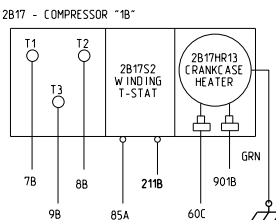
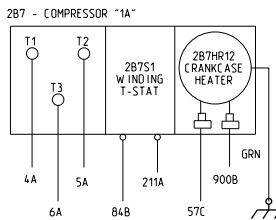
52 2S4 IS A LOW PRESSURE CUTOUT SWITCHES USED FOR COMPRESSOR PROTECTION (7 PSIG). CAUTION !! DO NOT JUMPER ACROSS SWITCH UNDER ANY CIRCUMSTANCE.

57 3U63 AND ASSOCIATED WIRING USED ON REFERENCE ENTHALPY AND COMPARATIVE ENTHALPY OPTIONS.

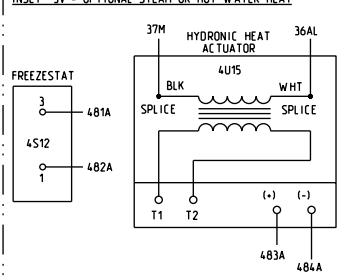
AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	CONDENSER SECTION
3	AIR HANDLER SECTION
4	HEATING SECTION
5	EXTERNAL FIELD MOUNTED DEVICE

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

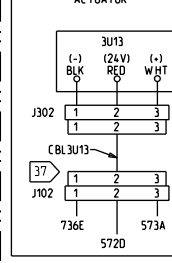
INSET "3B"- COMPRESSORS



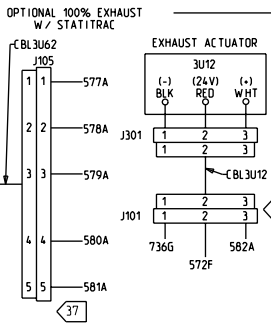
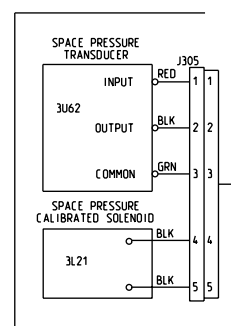
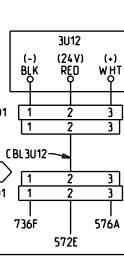
INSET "3V"- OPTIONAL STEAM OR HOT WATER HEAT



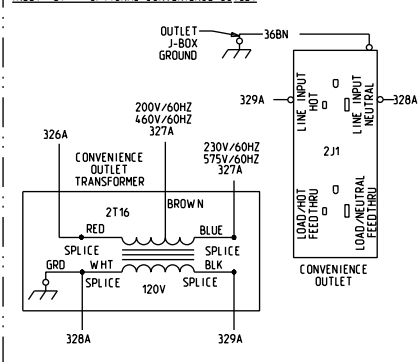
INSET "3I"- OPTIONAL ECONOMIZER ACTUATOR



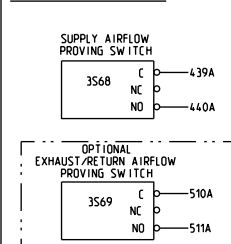
OPTIONAL 100% EXHAUST W/O STATITRAC ACTUATOR



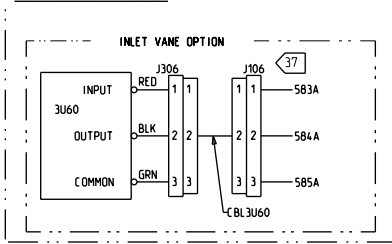
INSET "3Y"- OPTIONAL CONVENIENCE OUTLET



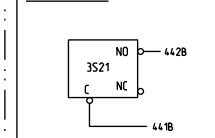
INSET "3R"- SUPPLY & EXHAUST/RETURN AIRFLOW PROVING SWITCHES



INSET "3T"- SUPPLY AIR DUCT PRESSURE TRANSDUCER



INSET "30"- FILTER SWITCH



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.

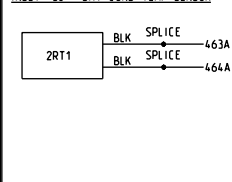
AVERTISSEMENT

VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLANT 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.

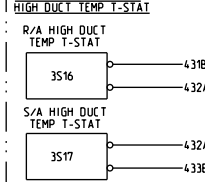
CAUTION

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.

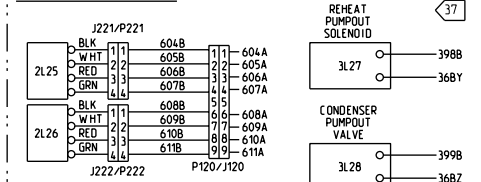
INSET "3C"- SAT COND TEMP SENSOR



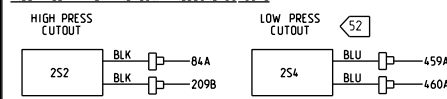
INSET "3P"- OPTIONAL HIGH DUCT TEMP T-STAT



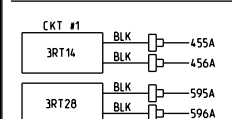
INSET "3D"- HOT GAS REHEAT



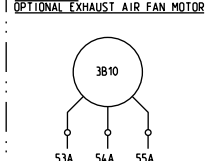
INSET "3D"- HIGH AND LOW PRESSURE CUTOUTS



INSET "3N"- EVAPORATOR TEMP SENSORS



INSET "3G"- OPTIONAL EXHAUST AIR FAN MOTOR



OPTIONAL RETURN FAN CONTROL

