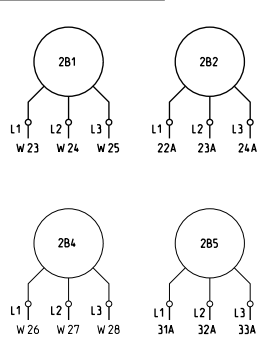
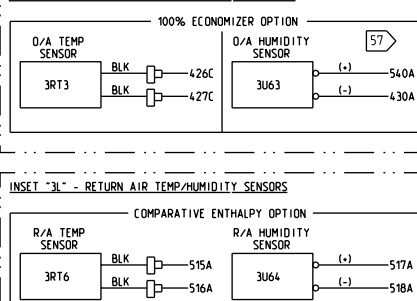


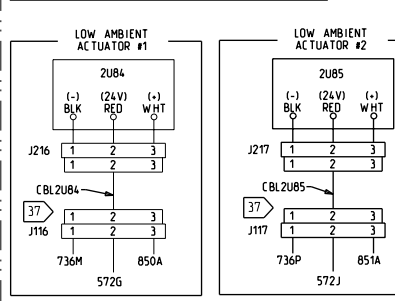
INSET "3A"- COND FAN MOTORS



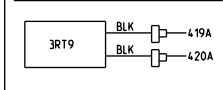
INSET "3K"- OUTDOOR AIR TEMP/HUMIDITY SENSORS



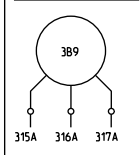
INSET "3AB"- OPTIONAL LOW AMBIENT DAMPER ACTUATOR



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: 2307-4631

FILE NUMBER: 2309-3093

DRAWING NUMBER: 2309-3054

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 FAN VARIABLE FREQUENCY DRIVE

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.

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!

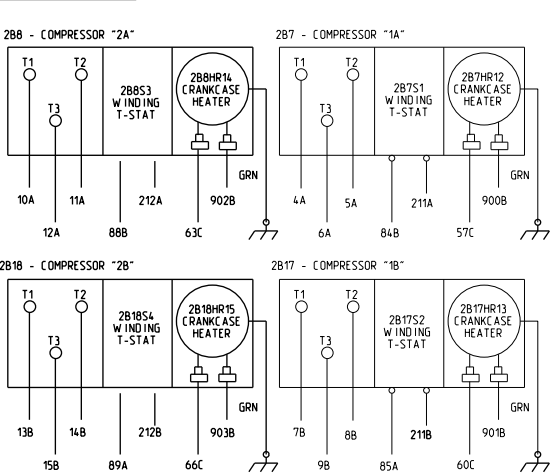
DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES
DISJONCTEURS SITUES A DISTANCE
AVANT D'EFFECTUER L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAÎNER DES
BLESSURES CORPORELLES SEVERES
OU LA MORT.

CAUTION

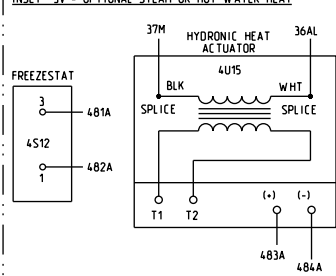
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED
TO ACCEPT OTHER TYPES OF
CONDUCTORS.

FAILURE TO DO SO MAY CAUSE
DAMAGE TO THE EQUIPMENT.

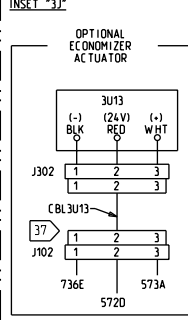
INSET "3B"- COMPRESSORS



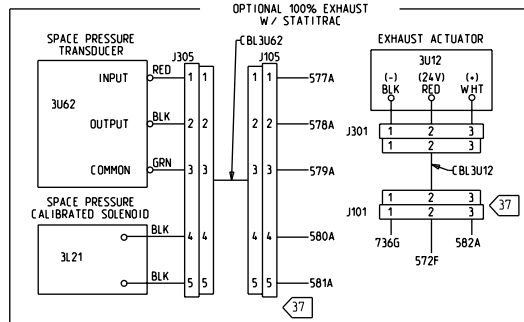
INSET "3V"- OPTIONAL STEAM OR HOT WATER HEAT



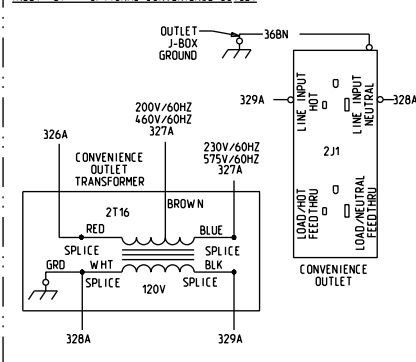
INSET "3I"-



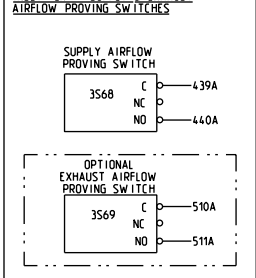
OPTIONAL 100% EXHAUST W/ STATITRAC



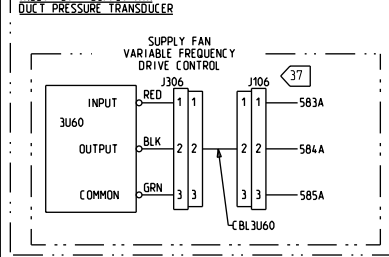
INSET "3Y"- OPTIONAL CONVENIENCE OUTLET



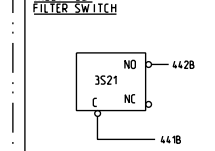
INSET "3R"- SUPPLY & EXHAUST AIRFLOW PROVING SWITCHES



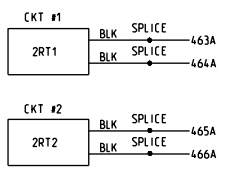
INSET "3T"- SUPPLY AIR DUCT PRESSURE TRANSDUCER



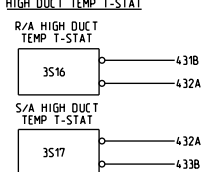
INSET "3Q"- FILTER SWITCH



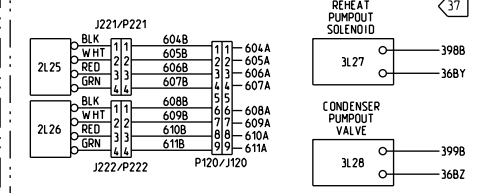
INSET "3C"- SAT COND TEMP SENSOR



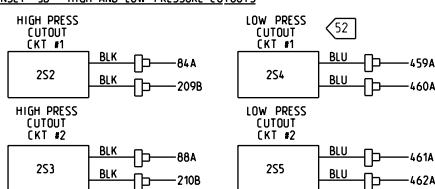
INSET "3P"- OPTIONAL HIGH DUCT TEMP T-STAT



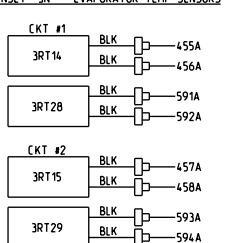
INSET "3D"- HOT GAS REHEAT



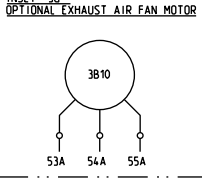
INSET "3D"- HIGH AND LOW PRESSURE CUTOUPS



INSET "3N"- EVAPORATOR TEMP SENSORS



INSET "3G"- OPTIONAL EXHAUST AIR FAN MOTOR



INSET "3AA"- SUPPLY FAN VARIABLE FREQUENCY DRIVE

