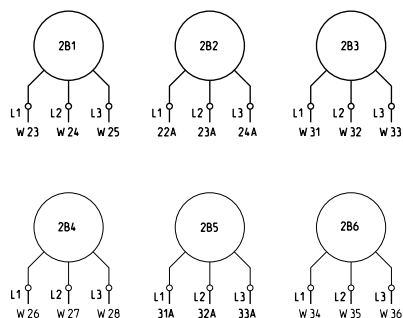
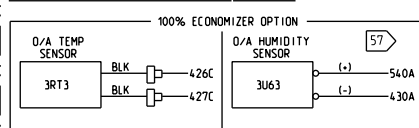


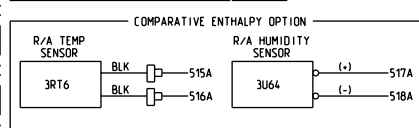
INSET "3A"- COND FAN MOTORS



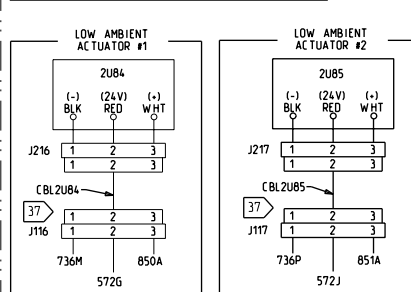
INSET "3K"- OUTDOOR AIR TEMP/HUMIDITY SENSORS



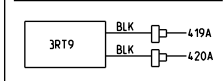
INSET "3L"- RETURN AIR TEMP/HUMIDITY SENSORS



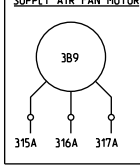
INSET "3AB"- OPTIONAL LOW AMBIENT DAMPER ACTUATOR



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: 30-Apr-08

CAD SYSTEM USED: Pro/DETAIL

FILE NUMBER: 2309-3093

DRAWING NUMBER: 2309-3064

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 FAN VARIABLE FREQUENCY DRIVE

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.

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!

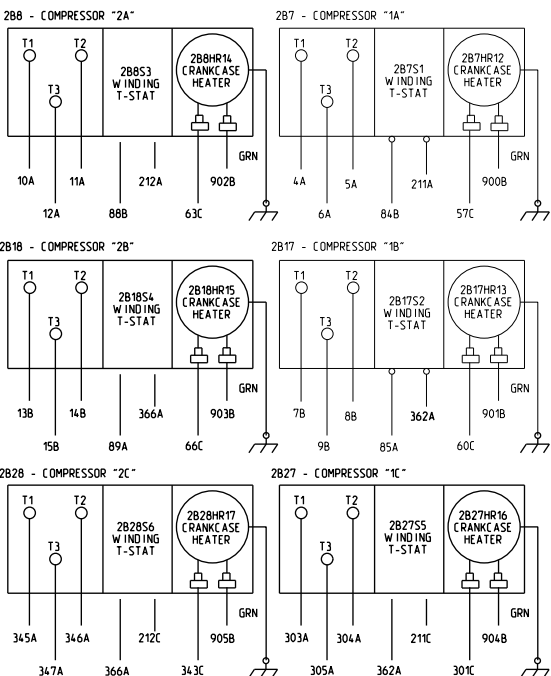
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN. FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

CAUTION

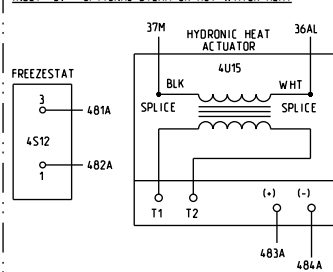
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

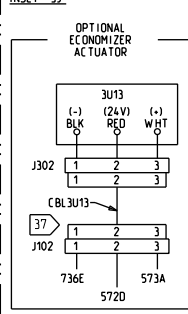
INSET "3B"- COMPRESSORS



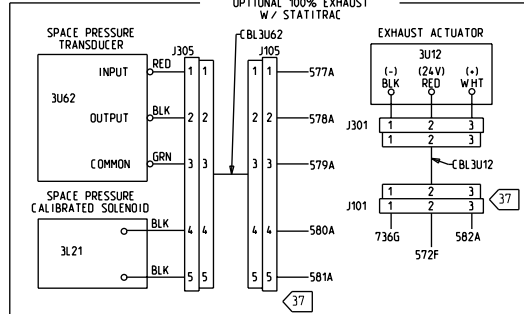
INSET "3V"- OPTIONAL STEAM OR HOT WATER HEAT



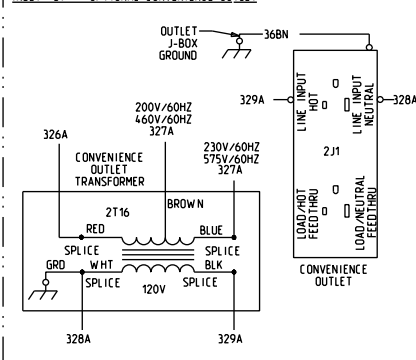
INSET "3J"-



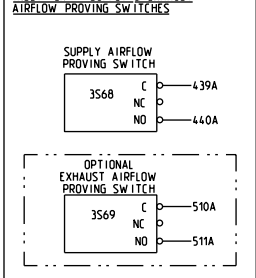
OPTIONAL 100% EXHAUST W/ STATITRAC



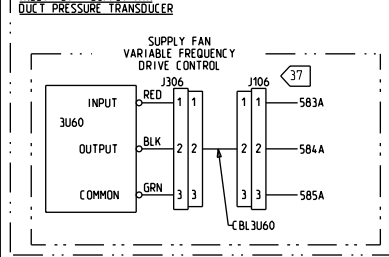
INSET "3Y"- OPTIONAL CONVENIENCE OUTLET



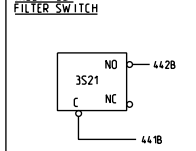
INSET "3R"- SUPPLY & EXHAUST AIRFLOW PROVING SWITCHES



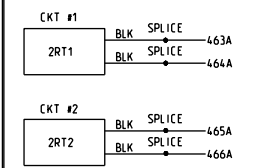
INSET "3T"- SUPPLY AIR DUCT PRESSURE TRANSDUCER



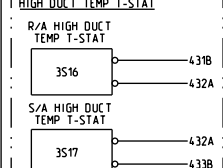
INSET "3Q"- FILTER SWITCH



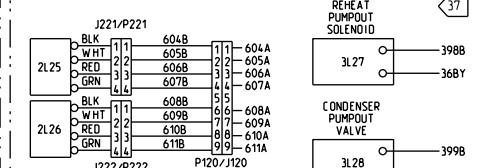
INSET "3C"- SAT COND TEMP SENSOR



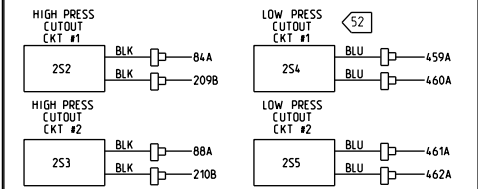
INSET "3P"- OPTIONAL HIGH DUCT TEMP T-STAT



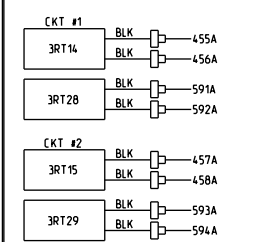
INSET "3D"- HOT GAS REHEAT



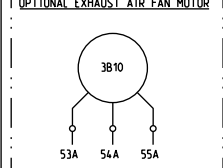
INSET "3D"- HIGH AND LOW PRESSURE CUTOUPS



INSET "3N"- EVAPORATOR TEMP SENSORS



INSET "3G"- OPTIONAL EXHAUST AIR FAN MOTOR



INSET "3AA"- SUPPLY FAN VARIABLE FREQUENCY DRIVE

