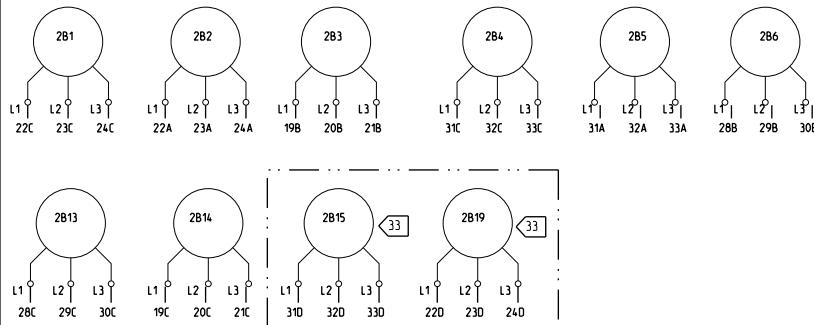
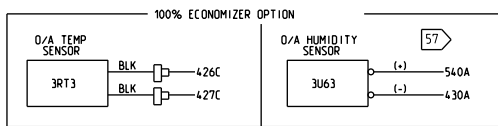


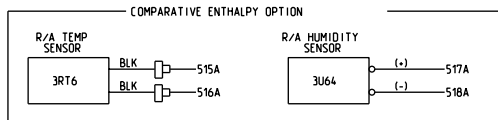
INSET "3A"- COND FAN MOTORS



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



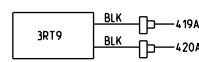
INSET "3L" - RETURN AIR TEMP/HUMIDITY SENSORS



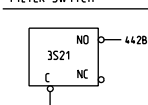
DEVICE PREFIX LOCATION CODE

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

INSET "3M"- SUPPLY AIR TEMP SENSOR



INSET "3O" FILTER SWITCH



TRANE

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.

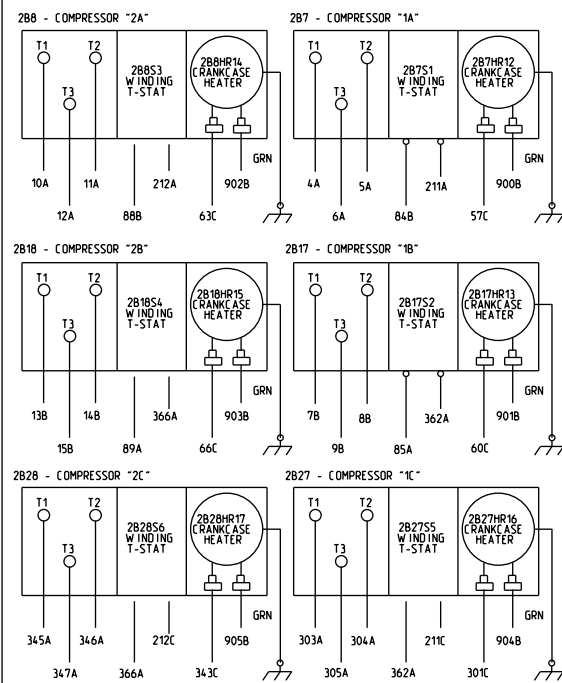
FILE NUMBER: 2313-0093
DRAWING NUMBER: 2309-3074
SHEET: 3 OF 3
REV: C

CONNECTION WIRING DIAGRAM
RACEWAY WIRE DEVICES - AREAS 2 - 3 - 4
W/ SUPPLY FAN VARIABLE FREQUENCY DRIVE
90 - 105 TON S.H.G.

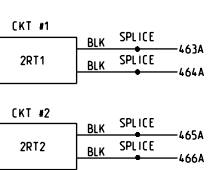
NOTES:

- 33 2B15, 2B19 AND ASSOCIATED WIRING USED ON 105 TON UNITS ONLY.
- 37 PLUGS LOCATED IN MAIN CONTROL PANEL.
- 52 25A, 25S ARE LOW PRESSURE CUTOFF 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.

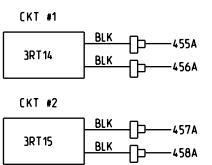
INSET "3B"- COMPRESSORS



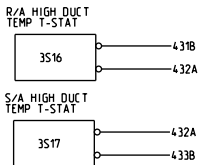
INSET "3C"- SAT COND TEMP SENSORS



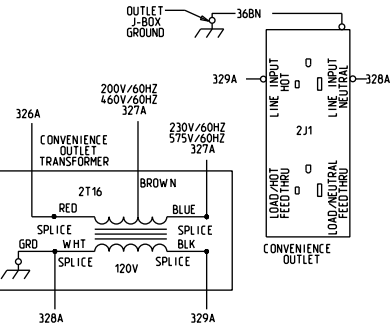
INSET "3N"- EVAPORATOR TEMP SENSORS



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



INSET "3Y" - OPTIONAL CONVENIENCE OUTLET



IMPORTANT!

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

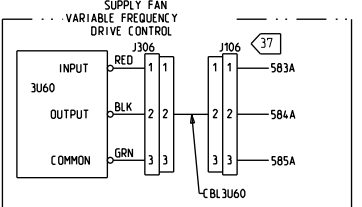
WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.
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 ENTRAINER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

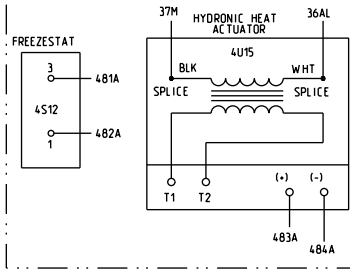
CAUTION

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.

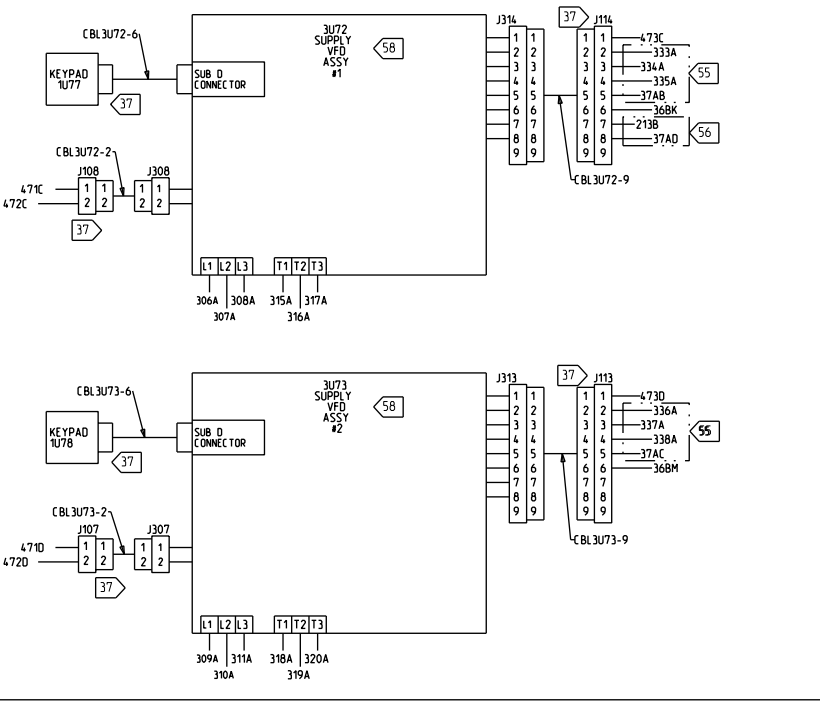
INSET "3T"- SUPPLY AIR DUCT PRESSURE TRANSDUCER



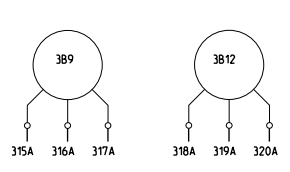
INSET "3V"- OPTIONAL STEAM OR HOT WATER HEAT



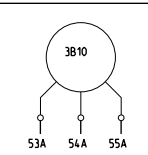
INSET "3AA" - SUPPLY FAN VARIABLE FREQUENCY DRIVES



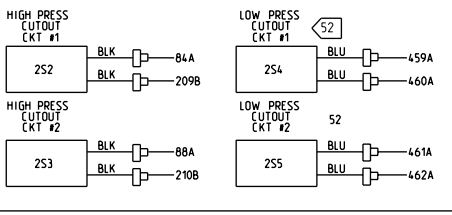
INSET "3F"- SUPPLY AIR FAN MOTORS



INSET "3G"- OPTIONAL EXHAUST AIR FAN MOTOR



INSET "3D"- HIGH AND LOW PRESSURE CUTOFFS



INSET "3R"- SUPPLY EXHAUST AIRFLOW PROVING SWITCHES

