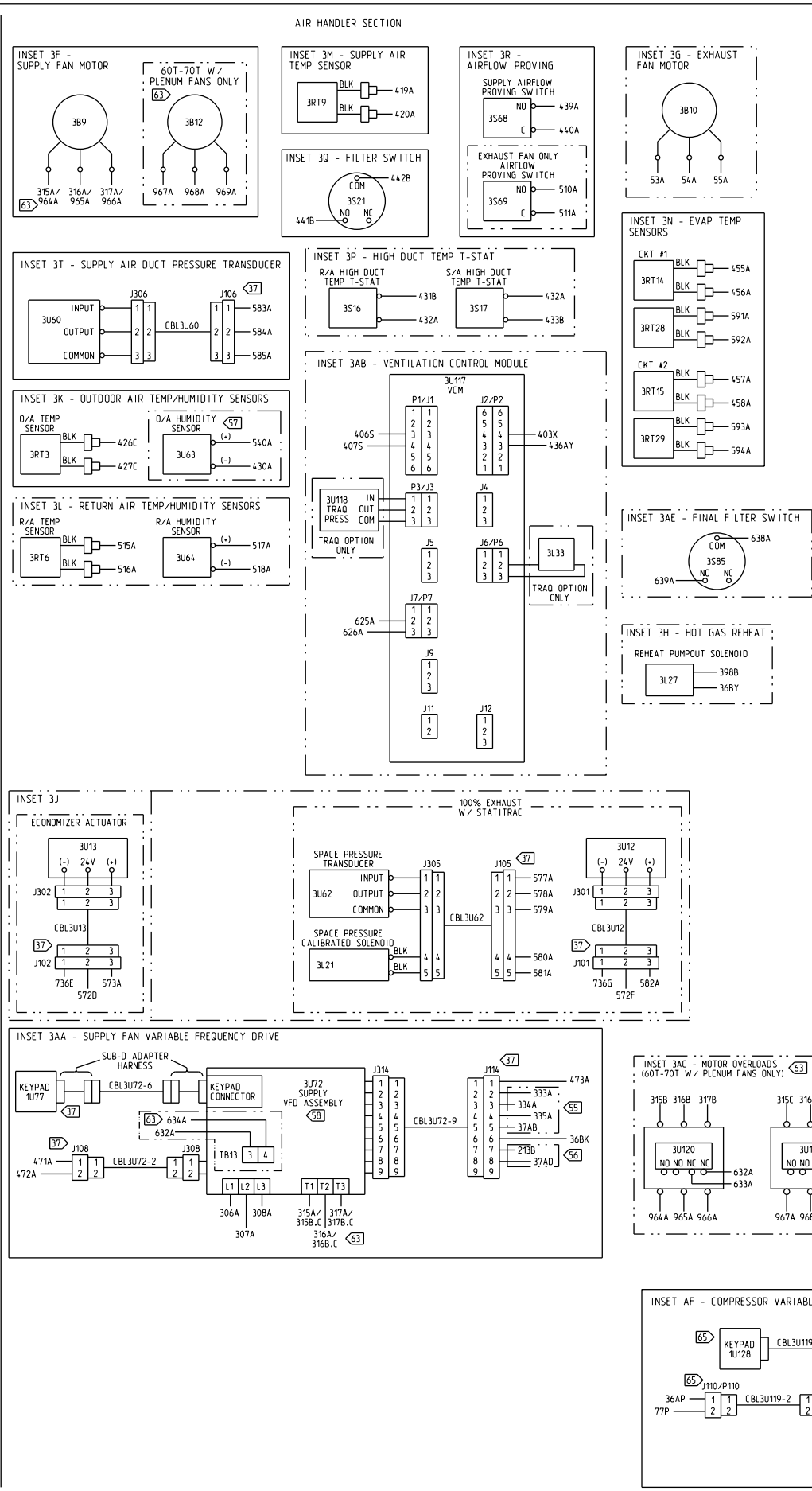
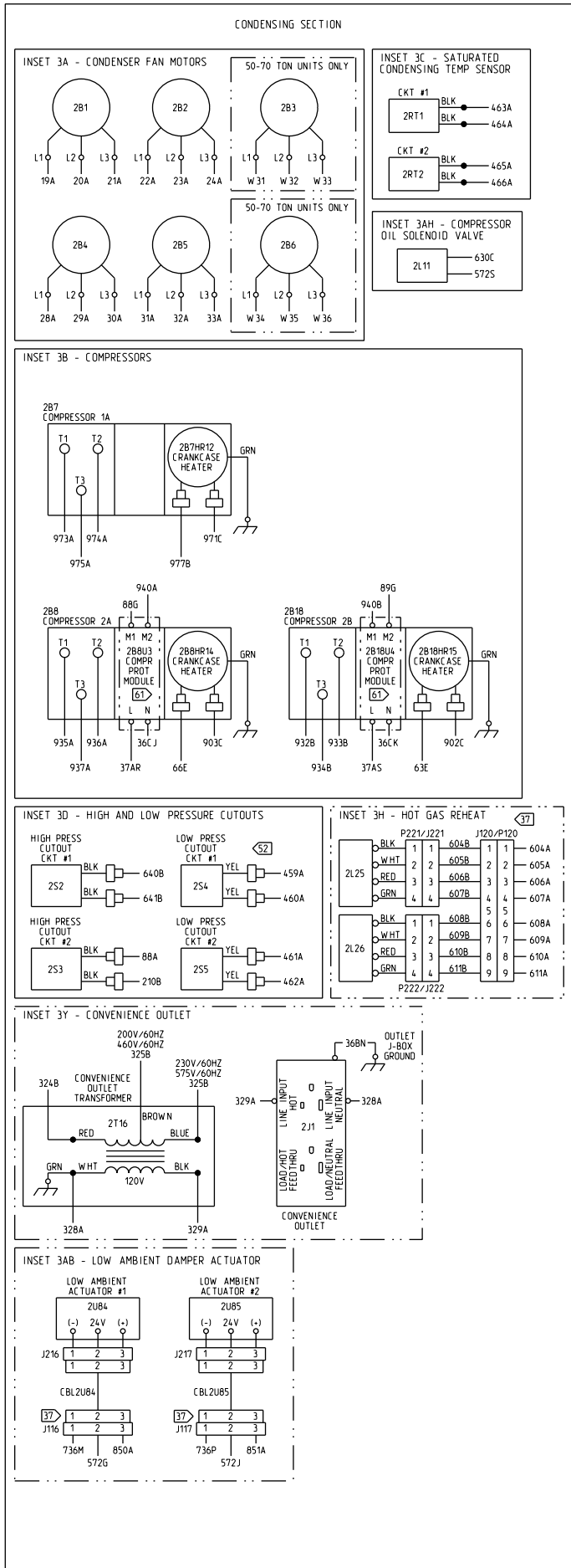




TRANE

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FILE NUMBER: 2313-1923

DRAWING NUMBER: 2313-1932

SHEET: 1 OF 1

REV: B

ROOFTOP PACKAGED AIR CONDITIONER

DIAGRAM

CONNECTION - RACEWAY DEVICES

40-70T W/ VARIABLE SPEED COMPRESSOR & SUPPLY V.F.D.

CONNECTION 3 OF 3

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

NOTES:

- 37 PLUGS J101, J102, J105, J106, J114, J116, J117 AND J120 & VFD KEYPAD 1U77 LOCATED IN MAIN CONTROL PANEL.
- 52 25A & 25S ARE LOW PRESSURE CUTOFF SWITCHES USED FOR COMPRESSOR PROTECTION (25 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.
- 61 COMP PROTECTION MODULES 28B03 AND 28B04 & ASSOCIATED WIRING ARE REQUIRED FOR 70 TON UNITS ONLY.
- 63 MOTOR 3812, OVERLOADS 3U120 AND 3U121, AND WIRES 315B, 315C, 316B, 316C, 317B, 317C, 632A, 633A, 634A, 965A, 966A, 967A, 968A AND 969A ARE USED ON 60T-70T UNITS WITH PLENUM FANS ONLY.
- 64 COOLING MOTOR 3823 USED ON 208/230 VAC UNITS ONLY.
- 65 PLUGS J110, J111 & VFD KEYPAD 1U128 LOCATED IN MAIN CONTROL PANEL.

HEAT SECTION

