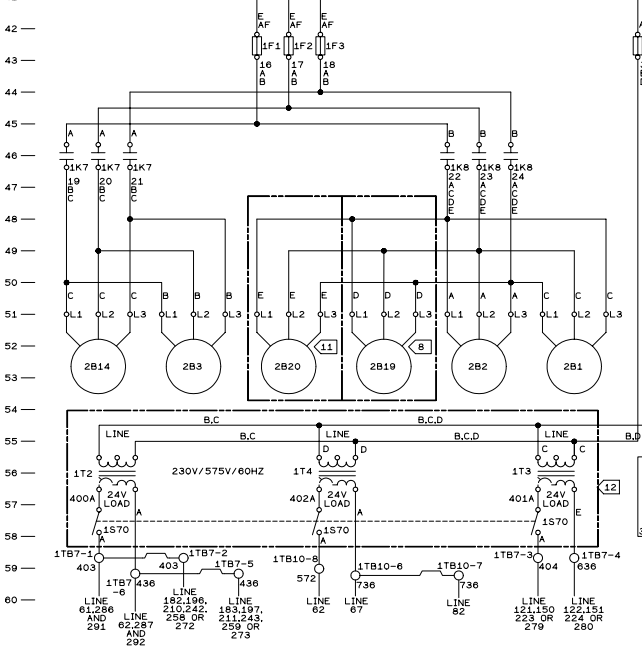
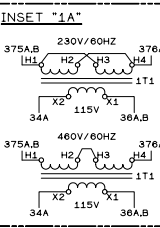
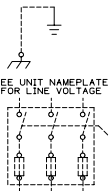
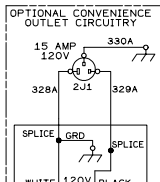
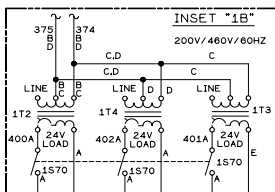
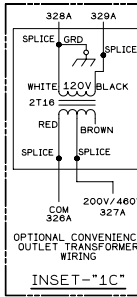


AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	CONDENSER SECTION
3	AIR HANDLER SECTION
4	HEATING SECTION
5	EXTERNAL FIELD MTD DEVICE



- NOTES:
- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 - DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
 - NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROWHEAD BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
 - SEE APPLICABLE HEATING SECTION DIAGRAM FOR BALANCE OF CIRCUIT. OPTIONAL ELECTRIC HEAT ON 460V AND 575V 60 HZ UNITS ONLY.
 - 200V/60HZ OR 575V/60HZ TRANSFORMER SHOWN. SEE INSET "1A" FOR 460V/60HZ OR 230V/60HZ CONNECTIONS.
 - 2B15, 2B19 AND ASSOCIATED WIRING NOT USED ON 90 TON UNIT.
 - 2B37, 2B38, 2B39, 2B39R18, 2B39R19, 1CB16, 1CB17, 1K115, 1K116 AND ASSOCIATED WIRING USED ON 115 & 130 TON UNITS ONLY.
 - 2B20, 2B21 AND ASSOCIATED WIRING USED ON 130 TON UNITS ONLY.
 - 230V/60HZ, 575V/60HZ TRANSFORMERS SHOWN. SEE INSET "1B" FOR 200V/60HZ AND 460V/60HZ TRANSFORMERS.
 - 230V/60HZ, 575V/60HZ TRANSFORMERS SHOWN. SEE INSET "1C" FOR 200V/60HZ AND 460V/60HZ TRANSFORMERS.
 - SEE APPLICABLE MANUAL BYPASS DIAGRAM FOR BALANCE OF CIRCUIT.



WARNING

HAZARDOUS VOLTAGE
DISCONNECT ALL ELECTRIC POWER
INCLUDING REMOTE DISCONNECTS
BEFORE SERVICING.

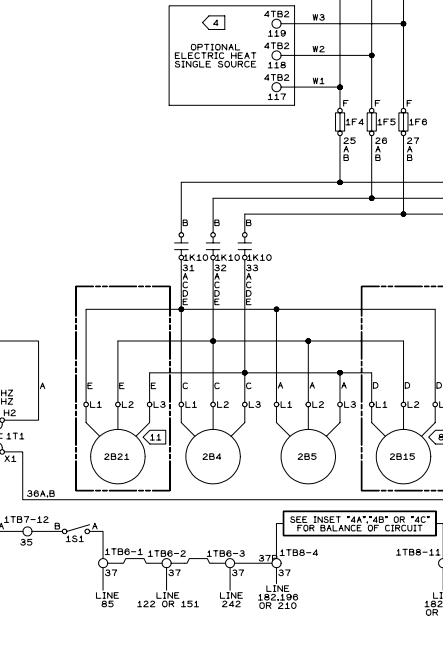
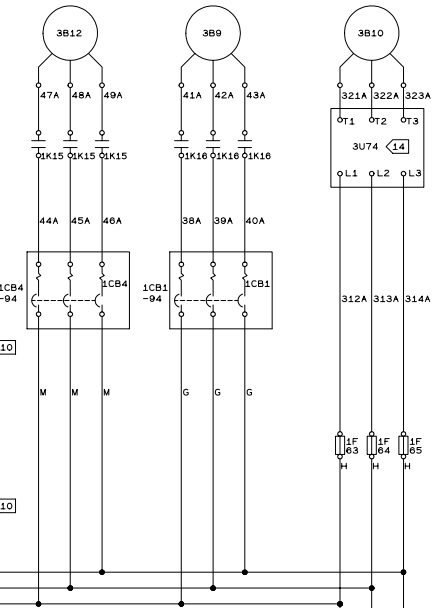
AVERTISSEMENT

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 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.



DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1CB1, 1CB4	SUPPLY FAN BREAKER	31
1CB8 - 1CB11	COMPRESSOR CIRCUIT BREAKER	2, 12, 7, 17
1CB14 - 1CB17	COMPRESSOR CIRCUIT BREAKER	2, 22, 7, 32, 37
1F1 - 1F6	CONDENSER FAN FUSE	43, 45
1F7	CONTROL CIRCUIT FUSE	58
1F44, 1F45	COMPRESSOR PROTECTOR FUSE	126, 138, 155, 167
1F55, 1F56	CONVENIENCE OUTLET FUSE	18
1F63 - 1F65	EXHAUST V.F. DRIVE FUSE	36
1F72 - 1F74	TRANSFORMER CIRCUIT FUSE	43
1K3, 1K4	COMPRESSOR CONTACTOR	127, 139, 156, 169
1K5, 1K6	COMPRESSOR CONTACTOR	128, 140, 157, 169
1K7, 1K8	CONDENSER FAN CONTACTOR	128, 131, 158, 169
1K9, 1K10	CONDENSER FAN CONTACTOR	141, 143, 170, 172
1K15, 1K16	SUPPLY FAN CONTACTOR	94, 95
1K13, 1K14	COMPRESSOR CONTACTOR	128, 135, 152, 164
1K15, 1K16	COMPRESSOR CONTACTOR	151, 163
1S1	CONTROL CIRCUIT SWITCH	58
1S14	MANUAL DISCONNECT SWITCH	26
1S70	24 VOLT TRANSFORMER SW	57
1S73	EXH V.F.D. BYPASS SWITCH	246
1S74	CONV. OUTLET SWITCH	20
1T1	CONTROL POWER TRANSFORMER	55
1T2, 1T3, 1T4	24 VOLT TRANSFORMER	56
1T81	POWER TERMINAL BLOCK	20
1T84, 5, 16, 17	CONT TERM BLOCK (CUSTOMER)	
1T86 - 1T810	CONT TERM BLOCK (FACTORY)	
1U48	ROOFTOP MODULE	61
1U49	COMPRESSOR MODULE	121, 150
1U50	HEAT MODULE	182, 196, 210
1U51	GENERIC B.A.S. MODULE	223
1U52	EXH/COMP ENTHALPY MODULE	242
1U53	VENTILATION OVERRIDE MOD	258
1U54	BASEWORK COMM MODULE	272
1U55	INTERPRO COMM BRIDGE MOD	279
1U65	HUMAN INTERFACE MODULE	286
1U79	EXH VFD REMOTE KEYPAD	250
2B1 - 2B6	CONDENSER FAN MOTOR	53, 56
2B7, 8, 17, 18	COMPRESSOR	3, 8, 13, 18
2B27, 28, 37, 38	COMPRESSOR	23, 28, 33, 38
2B7R12, 2B7R15	COMPRESSOR CRANKCASE HEATER	1, 11, 16, 18
2B7R16, 2B38R19	COMPRESSOR CRANKCASE HEATER	21, 26, 31, 36
2B7S1, 2B8S3	COMPRESSOR WINDING T-STAT	125, 137, 154, 166
2B7S2, 2B18S4	COMPRESSOR WINDING T-STAT	124, 136, 153, 165
2B7S5, 2B8S6	COMPRESSOR WINDING T-STAT	124, 136, 153, 165
2B7S7, 2B8S8	COMPRESSOR WINDING T-STAT	154, 166
2B13, 2B14, 2B15	CONDENSER FAN MOTOR	53, 56
2B19, 2B20, 2B21	CONDENSER FAN MOTOR	53, 56
2J1	CONVENIENCE OUTLET	11
2RT1, 2RT2	SAT COND TEMP SENSOR	127, 159, 169, 168
2S2, 2S3	HIGH PRESS CUTOUT	128, 131, 157, 167
2S4, 2S5	LOW PRESS CUTOUT	125, 137, 154, 166
2T16	CONV. OUTLET TRANSFORMER	15
3B9, 3B12	SUPPLY FAN MOTOR	23
3B10	EXHAUST FAN MOTOR	23
3L21	SPACE PRESS CALIBRATED SOL	253
3RT3	OUTDOOR AIR TEMP SENSOR	101
3RT6	RETURN AIR TEMP SENSOR	251
3RT9	SUPPLY AIR TEMP SENSOR	90
3RT14, 3RT15	EVAPORATOR TEMP SENSOR	123, 135, 152, 164
3S16	R/A HIGH DUCT TEMP T-STAT	106
3S17	S/A HIGH DUCT TEMP T-STAT	106
3S21	FILTER SWITCH	117
3S88	FLY AIRFLOW PROVING SW	113
3S89	EXH AIRFLOW PROVING SW	115
3U13	ECONOMIZER ACTUATOR	87
3U17	VAV INLET VANE ACTUATOR #1	62
3U20	VAV INLET VANE ACTUATOR #2	72
3U60	S/A DUCT PRESS TRANSDUCER	95
3U62	SPACE PRESS TRANSDUCER	249
3U63	D/A HUMIDITY SENSOR	104
3U64	R/A HUMIDITY SENSOR	254
3U74	EXHAUST V.F. DRIVE	27, 88, 243
4S12	FREEZESTAT	218
4T82, 4T83	TERM BLOCK-ELEC HT SECT	
4T84	TERM BLOCK-GAS HT SECT	
4U15	HYDRONIC HEAT ACTUATOR	212
5K86	OCCUPIED/UNOCCUPIED RELAY	112
5K87	VAV CHANGEOVER RELAY	119
5K89	DEMAND LIMIT RELAY	231
5K90, 5K91	VENT OVERRIDE MODE RELAY	260, 262
5K92, 5K93, 5K94	VENT OVERRIDE MODE RELAY	264, 266, 268
5RT16	WORKING RAN-UP TEMP SENSOR	187, 201, 215
5S67	EXTERNAL AUTO STOP SWITCH	109
5S71	EMERGENCY STOP	106
5U66	CV REMOTE PANEL	81
5U57	REMOTE ZONE TEMP SENSOR	67
5U58	CV/VAV REM PNL W/ NSB	89
5U59	VAV REMOTE PANEL	79
5U61	VAV ZONE RESET TEMP SENSOR	99
5U66	REMOTE HUMAN INTERFACE MOD	291
5U68	CV ZONE PANEL	76
5U69	REMOTE ZONE TEMP SENSOR	86
5U70	REMOTE MIN POSITION POT	120

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