



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	MAIN CONTROL PANEL
2	SUPPLY FAN AND COIL SECTION
3	
4	MIXING BOX SECTION
5	EXTERNAL HEATING
6	ELECTRIC HEAT CONTROL BOX
7	FIELD INSTALLED DEVICE

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1U1	UC400-B, SYMBIO 400B	74
1U4	ENGINE BOARD	115
2S3	EL HT LOCKOUT SWITCH	81,117
6K6	CONTACTOR; EL HT STG 1	82,118
6S8	EL HT HIGH TEMP	82,118
6K7	CONTACTOR; EL HT STG 2	83
6U1	SCR CONTROLLER	126,133
6U2	SCR CONTROLLER	135
2U3	WIRELESS COM INTERFACE	86
5L1	COOLING COIL VALVE MOTOR	90,115
5L2	HEATING COIL VALVE MOTOR	94,115
7L1	COOLING COIL VALVE MOTOR	90,115,120
7L2	HEATING COIL VALVE MOTOR	94,115,120
2RT1	DISCHARGING AIR TEMP SNSR	89
7U3	CO2 SENSOR	92
2S1	CONDENSATE OVERFLOW SWITCH	96,127
7RT2	OUTSIDE AIR TEMP SENSOR	95
2S2	FREEZESTAT	98
5RT1	ENTERING WATER TEMP SENSOR	100
7RT1	FLD INSTALLED DAT SENSOR	123
7E3	FLD INSTALLED RH SENSOR	123

- 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 LINED ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINED ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE.
 - ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE AND LOCAL REQUIREMENTS. ALL FIELD WIRING MUST HAVE AN INSULATION VOLTAGE RATING THAT EQUALS OR EXCEEDS UNIT RATED VOLTAGE.
- SEE SHEET 5026-2938 FOR DAMPER CONNECTIONS.
- WIRING SHOWN IS FOR FACTORY INSTALLED DISCHARGE AIR SENSOR. FOR FIELD INSTALLED DISCHARGE AIR SENSOR SEE INSET "E".
- WIRING SHOWN IS FOR CO2 SENSOR. FOR FIELD INSTALLED HUMIDITY SENSOR SEE INSET "F".
- SEE SHEET 5026-2938 FOR ZONE SENSOR CONNECTIONS.
- USE CLASS 2 WIRING.
- COMMUNICATION WIRE MUST BE TRANE PART NO. 400-20-28, OR WINDY CITY OR CONNECT AIR "LEVEL 4" CABLE. MAXIMUM OF 4500 FOOT AGGREGATE RUN. CAUTION DO NOT RUN POWER IN THE SAME CONDUIT OR WIRE BUNDLE WITH COMMUNICATION LINK. FOR ADDITIONAL INFORMATION REFER TO EMTX-EB-68.
- CONFIGURE THE CO2 SENSOR FOR 4-20mA OPERATION USING THE OUTJ JUMPER SUPPLIED WITH THE SENSOR.

REPLACES 50262936

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DRAWN BY: T.ZHANG

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SMILER TO: BLOWER COIL - - - BXCE

TRANE

UC400-B, SYMBIO 400-B STANDARD COILS