



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 LINE 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 INSULATION VOLTAGE RATING THAT EQUALS OR EXCEEDS UNIT RATED VOLTAGE.

INSET "A" ELECTRIC HEAT
 SINGLE STAGE EH
 SCR EH

INSET "B" - DX COILS
 DUAL STAGE DX COIL

INSET "C"
 2 POSITION HEATING VALVE
 2-10V HEATING VALVE (FIELD SUPPLIED)

INSET "E" FIELD INSTALLED DAT SENSOR
 FIELD SPLICES IN CONTROL BOX

INSET "F" FIELD INSTALLED RH SENSOR
 RHS

LEGEND

DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1U1	UC400-B	74
1U4	ENGINE BOARD	115
2S3	EL HT LOCKOUT SWITCH	81,117,122
6K6	CONTACTOR: EL HT STG 1	82,118
6S8	EL HT HIGH TEMP	82,118,127
6K7	CONTACTOR: EL HT STG 2	83
6K8	CONTACTOR: EL HT SCR	126
6U1	CONTACTOR: EL HT SCR	129
6U3	CONTACTOR: EL HT SCR	123
2U3	WIRELESS COM INTERFACE	86
1R1	RESISTOR: DX STG 1 TEST	89,119
1R2	RESISTOR: DX STG 2 TEST	117
5L2	HEATING COIL VALVE MOTOR	94,120
7L2	HEATING COIL VALVE MOTOR	94,120,128
2RT1	DISCHARGE AIR TEMP SNSR	89
7U3	CO2 SENSOR	92
2S1	CONDENSATE OVERFLOW SWITCH	96
7RT2	OUTSIDE AIR TEMP SENSOR	96
2S2	FREEZESTAT	98
5RT1	ENTERING WATER TEMP SENSOR	100
7RT1	FLD INSTALLED DAT SENSOR	134
7E3	ZONE HUMIDITY SENSOR	134
2S4	FROSTSTAT	85

DEVICE PREFIX LOCATION CODE

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

REPLACES
 TRANE
 5026-1700
 SCHEMATIC DIAGRAM
 UC400-B
 DX COIL

DATE 23 FEB 2018
DESIGNED BY P. LOCHER
CHECKED BY [Signature]
DATE 23 FEB 2018
REVISION DATE [Blank]
REVISION [Blank]