

NOTES:

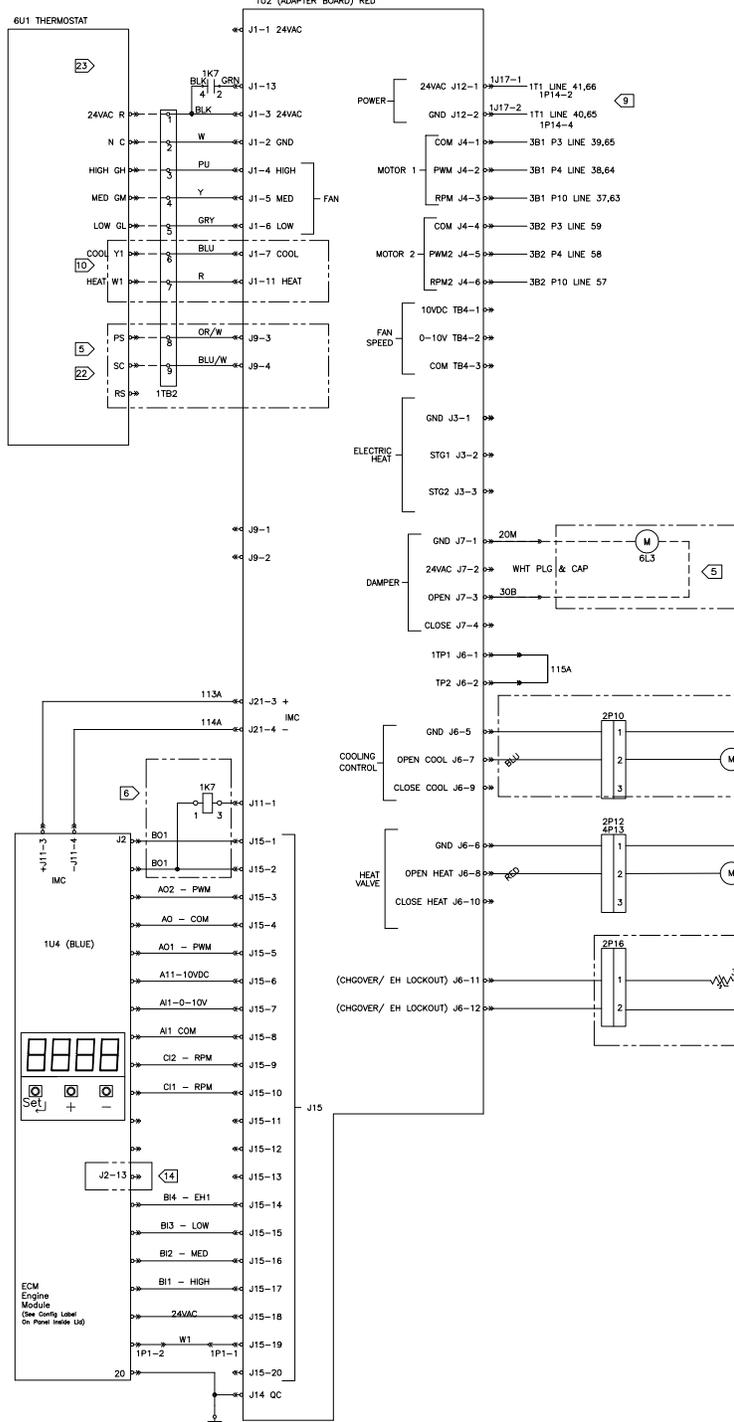
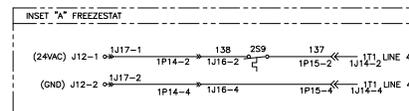
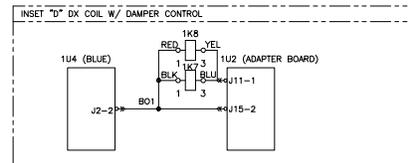
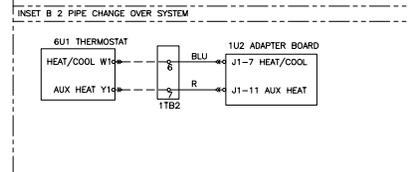
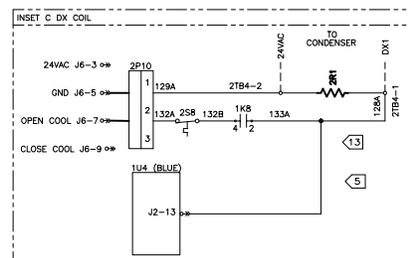
- 74- 1 UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
- 75- 2 DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE CO.
- 76- 4 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.
- 77- 5 USE CLASS 2 WIRING.
- 78- 6 WIRING SHOWN IS FOR HYDRONIC OR STEAM COIL W/ DAMPER CONTROL. FOR DX COIL W/DAMPER CONTROL SEE INSET D.

- 9 WIRING SHOWN IS FOR UNIT WITHOUT FRZSTAT. FOR UNIT WITH FRZSTAT, SEE INSET A.
- 10 WIRING SHOWN IS FOR NON 2 PIPE CHANGE OVER SYSTEM. SEE INSET B FOR 2 PIPE CHANGE OVER SYSTEM W/ OR W/O AUX HEAT.
- 11 WIRING SHOWN IS FOR 2 WIRE 2 POSITION COOLING VALVES. SEE INSET C FOR DX COIL.
- 13 FIELD INSTALLED CONDENSING UNIT CAN BE WIRED BETWEEN TERMINALS 2TB4-1 AND 2TB4-2 FOR SINGLE STAGE. REMOVE RESISTOR 2R1 PRIOR TO WIRING CONDENSER DX1 OUTPUTS RATED FOR 24VAC 6VA MAXIMUM.
- 14 WIRING SHOWN IS FOR FACTORY OR FIELD INSTALLED 2 POSITION VALVE. FOR DX COIL SEE INSET C.
- 15 WIRING SHOWN IS FOR 2 PIPE CHANGEOVER SYSTEMS W/ ENTERING WATER TEMP SENSOR, FOR UNITS THAT ARE NOT 2 PIPE CHANGEOVER, DO NOT CONNECT ENTERING WATER TEMP SENSOR.
- 21 FIELD SUPPLIED ACTUATOR WIRING UTILIZES THE SAME CONNECTION POINTS AS FACTORY ACTUATOR WIRING.
- 22 WIRING SHOWN IS FOR FIELD CONNECTION OF PIPE SENSOR (PS) FOR 2 PIPE SYSTEMS WITH CHANGE OVER COIL W/ OR W/O AUX HEAT. FOR OTHER CONFIGURATIONS, PS CONNECTION TO TSTAT IS NOT REQUIRED.

- 23 REMOVE CONNECTORS FROM TSTAT PRIOR TO INSTALLATION AND SPLICE BUILDING WIRING TO TSTAT WIRES.

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	LH CONTROL PANEL
2	LH END POCKET
3	AIR SECTION
4	RH END POCKET
5	TOP ACCESS PANEL
6	FIELD INSTALLED
7	RH CONTROL BOX E-HT

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
6U1	THERMOSTAT	74,97
2S9	FREEZESTAT	99
3RT1	ENTERING WATER TEMP SENSOR	131
2L1	COOLING COIL VALVE MOTOR	78
4L1	COOLING COIL VALVE MOTOR	78
6L1	COOLING COIL VALVE MOTOR	78
1U2	ADAPTER BOARD	94,98
1K7	DAMPER CONTROL RELAY	124,93,99
1K8	DX CONTROL RELAY	92,78
W1	QFSW JUMPER	144
2R1	RESISTOR; DX STG. 1 TEST	122
2S8	FROST STAT	124
2L2	HEATING COIL VALVE MOTOR	129
4L2	HEATING COIL VALVE MOTOR	129
6L2	HEATING COIL VALVE MOTOR	129
1U4	ENGINE BOARD	91,130
2S1	OVER FLOW SW	141
2TB1	DX TERMINAL BLOCK	124
1TB2	TB FOR WALL MOUNT	100
6L3	FIELD SUPPLIED DAMPER	115



REVISED	TRANE	4619-498
REVISION DATE	REVISION DESCRIPTION	SCHMATIC DIAGRAM
DATE	DATE	VERTICAL UNIT VENT
DATE	DATE	THERMOSTAT
DATE	DATE	WALL MOUNT