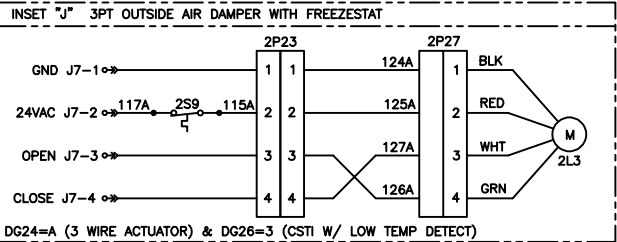
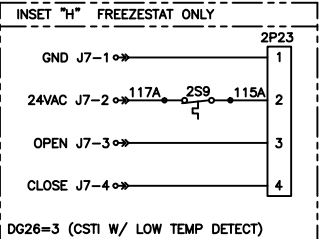
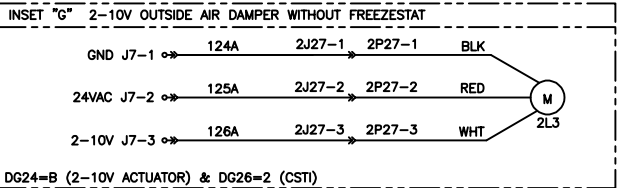
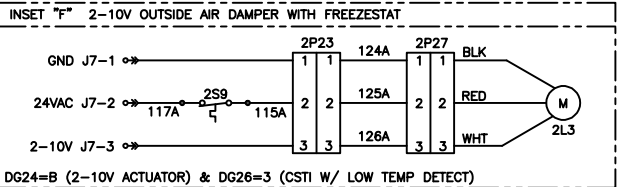
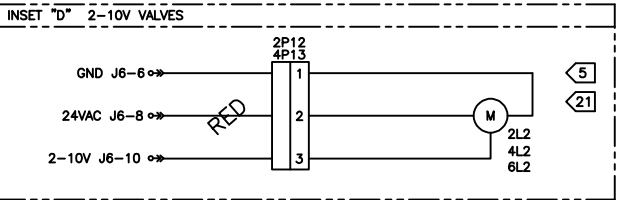
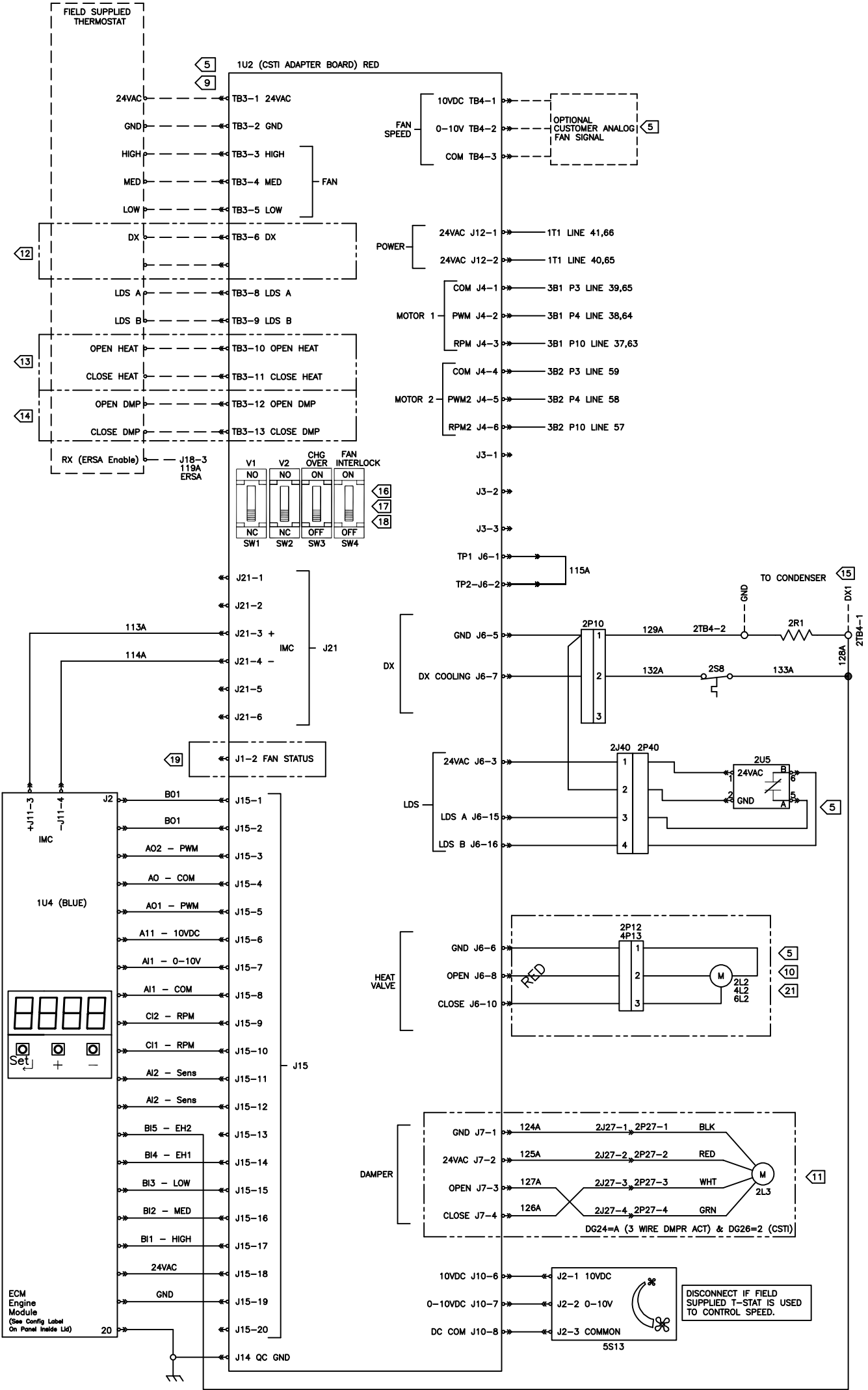
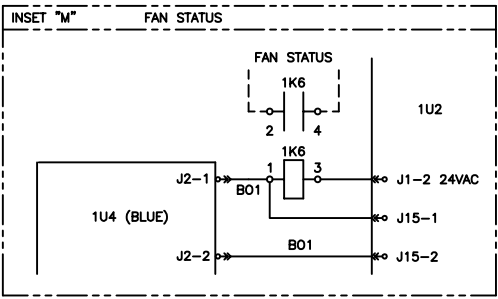
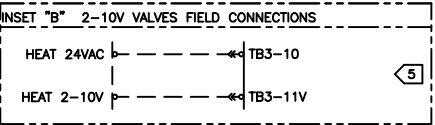
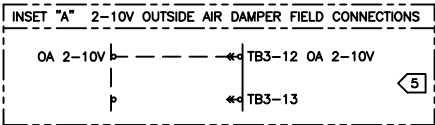


74 —
75 —
76 —
77 —
78 —
79 —
80 —
81 —
82 —
83 —
84 —
85 —
86 —
87 —
88 —
89 —
90 —
91 —
92 —
93 —
94 —
95 —
96 —
97 —
98 —
99 —
100 —
101 —
102 —
103 —
104 —
105 —
106 —
107 —
108 —
109 —
110 —
111 —
112 —
113 —
114 —
115 —
116 —
117 —
118 —
119 —
120 —
121 —
122 —
123 —
124 —
125 —
126 —
127 —
128 —
129 —
130 —
131 —
132 —
133 —
134 —
135 —
136 —
137 —
138 —
139 —
140 —
141 —
142 —
143 —
144 —
145 —
146 —



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
1U2	CSTI ADAPTER BOARD	81,88
1U4	ENGINE BOARD	83,118
1K6	RELAY; FAN STATUS	81,82
2L2	HEATING COIL VALVE MOTOR	101,118
4L2	HEATING COIL VALVE MOTOR	101,118
6L2	HEATING COIL VALVE MOTOR	101,118
2L3	OUTSIDE AIR DAMPER ACTUATOR	112,116,128,129
2S9	CSTI FREEZESTAT	111,120,127
2R1	RESISTOR; DX 1 STG TEST	114
2S8	CSTI DX FROST STAT	115
5S13	UNIT MOUNTED FAN SWITCH	134
2U5	LEAK DETECTION SENSOR	114

REPLACES	TRANE	4619-4963
REVISION DATE	05-FEB-2025	
DRAWN BY	CHUDONIS	
DATE	05-FEB-2025	
SMALLER TO	4619-4963	
SCHEMATIC DIAGRAM	VERTICAL UNIT VENT	
DX WITH A2L		

- 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 LINED ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE CO.
 - 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.
 - WIRING SHOWN IS FOR MODULATING VALVES. SEE INSET "D" FOR 2-10V VALVES.
 - WIRING SHOWN IS FOR 3 WIRE MODULATING DAMPER. SEE INSET "F" FOR 2-10V DAMPER WITH FREEZESTAT. SEE INSET "G" FOR 2-10V DAMPER WITHOUT FREEZESTAT. SEE INSET "H" FOR FREEZESTAT ONLY. SEE INSET "J" FOR 3 WIRE MODULATING DAMPER WITH FREEZESTAT.
 - FIELD WIRING SHOWN IS FOR DX COOLING COIL.
 - FIELD WIRING SHOWN IS FOR MODULATING HEATING VALVES. SEE INSET "B" FOR 2-10V VALVE CONNECTIONS. FIELD SUPPLIED ACTUATOR WIRING UTILIZES THE SAME CONNECTION POINTS AS FACTORY ACTUATOR WIRING.
 - FIELD WIRING SHOWN IS FOR MODULATING OUTSIDE AIR DAMPER. SEE INSET "A" FOR 2-10V OUTSIDE AIR DAMPER FIELD WIRING.
 - FIELD INSTALLED CONDENSING UNIT CAN BE WIRED BETWEEN TERMINALS 2TB4-1 AND 2TB4-2 FOR STAGE 1. REMOVE RESISTOR 2R1 PRIOR TO WIRING CONDENSOR. DX1 OUTPUTS RATED FOR 24VAC 6VA MAXIMUM.
 - SW1 AND SW2 ARE ALWAYS IN THE N.C. POSITION.
 - SW3 IS SHOWN IN THE OFF POSITION. SW3 IS SET TO THE OFF POSITION WHEN DG15=J,0 OR DG16=A,B,C,D,E,F,G,H,K,L,M,N,P. SW3 IS SET TO THE ON POSITION WHEN DG14=E,F AND DG15=B,C,D,E,F,G,H AND DG16=0.
 - SW4 IS ALWAYS IN THE OFF POSITION.
 - SEE INSET "M" FOR FAN STATUS WIRING. DG26 = N.
 - FIELD SUPPLIED ACTUATOR WIRING UTILIZES THE SAME CONNECTION POINTS AS FACTORY ACTUATOR WIRING.