



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	88
1U4	ENGINE BOARD	118
2L3	OUTSIDE AIR DAMPER ACTUATOR	128
7K2	EH STG 1 CONTACTOR	108
7K3	EH STG 2 CONTACTOR	109
2R1	RESISTOR; DX 1 STG TEST	113
2S8	CSTI DX FROST STAT	114
1K2	DX FAN ON	115,119
1K3	EH STG 2 FAN ON	117,120
5S13	UNIT MOUNTED FAN SWITCH	134

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

5 USE CLASS 2 WIRING.

9 24V OUTPUT IS RATED 15VA.

10 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.

11 WIRING SHOWN IS FOR 3 WIRE MODULATING DAMPER SECTION. SEE INSET "A" FOR 2-10V DAMPER.

12 FIELD WIRING SHOWN IS FOR DX WITH ELECTRIC HEAT.

13 FIELD WIRING SHOWN IS FOR MODULATING OUTSIDE AIR DAMPER. SEE INSET "B" FOR 2-10V OUTSIDE AIR DAMPER FIELD WIRING.

14 SEE ELECTRIC HEAT SCHEMATIC FOR ADDITIONAL ELECTRIC HEAT WIRING.

15 SW1 AND SW2 ARE ALWAYS IN THE N.C. POSITION.

16 SW3 IS SHOWN IN THE OFF POSITION. SW3 IS SET TO THE OFF POSITION WHEN DG15=J, O 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=O.

17 SW4 IS ALWAYS IN THE ON POSITION.

REPLACES		TRANE	2311-4301	REV G
REVISION DATE				
DRAWN BY B. SPANNAHOUR				
DATE 3-MAY-2019				
SIMILAR TO		THESE DRAWINGS ARE TO BE USED TO IDENTIFY EXISTING EQUIPMENT. THEY ARE NOT TO BE USED TO IDENTIFY EXISTING EQUIPMENT OR TO IDENTIFY EXISTING EQUIPMENT		