

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 —
- 76 — 2 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.
- 77 —
- 78 —
- 79 — 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.
- 80 —
- 81 —
- 82 — 5 USE CLASS 2 WIRING.
- 83 — 6 WIRING SHOWN IS FOR STANDARD COIL, DAMPER CONTROL FOR DX COIL, DAMPER CONTROL SEE INSET D

- 9 WIRING SHOWN IS FOR 24VAC POWER SECTION, SEE INSET A FOR FREEZESTAT SECTION.
- 10 WIRING SHOWN IS FOR NOT 2 PIPE CHANGE OVER SYSTEM, SEE INSET B FOR 2 PIPE CHANGE OVER SYSTEM.
- 11 WIRING SHOWN IS FOR 2 WIRE 2 POSITION COOLING VALVES. SEE INSET C FOR DX COIL SECTION.
- 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.
- 20 SEE ELECTRIC HEAT SCHEMATIC PAGE FOR ADDITIONAL ELECTRIC HEAT WIRING.
- 21 FIELD SUPPLIED ACTUATOR WIRING UTILIZES THE SAME CONNECTION POINTS AS FACTORY ACTUATOR WIRING.
- 22 WIRING SHOWN IS FOR ENTERING WATER TEMP. SENSOR FOR 2 PIPE CHANGE OVER SYSTEM.
- 23 WIRING SHOWN IS FOR OVERFLOW SW, FOR W/O OVERFLOW SW SEE INSET E

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	97
2S9	FREEZESTAT	99
3RT1	CHANGE OVER SENSOR	131
2L1	COOLING COIL VALVE MOTOR	78
4L1	COOLING COIL VALVE MOTOR	78
6L1	COOLING COIL VALVE MOTOR	78
1K7	FAN STATUS	99,124
1U2	ADAPTER BOARD	98
7K2	ELECTRIC HEAT CONTACTOR	111
7K3	ELECTRIC HEAT CONTACTOR	112
2L3	OUTSIDE AIR DAMPER ACTUATOR	116
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	130
2S1	OVER FLOW SW	141
2TB1	DX TERMINAL BLOCK	124
1TB2	TB FOR WALL MOUNT	100
1K8	FAN STATUS	78,92

