

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1D8, 1D1,9	TIME DELAY RELAY	65,71
1F1	CONTROL CIRCUIT FUSE	61
1F2, 1F3	CMPR PROTECTION FUSE	92,114
1J1, 1J2, 1J3	JACK CONNECTOR	96,99
1K1, 1K2	COMPRESSOR CONTACTOR	107,110
1K3, 1K4	COMPRESSOR CONTACTOR	98,108
1K7-1K9	CONDENSER FAN CONTACTOR	91,92,93
1K11-1K13	CONDENSER FAN CONTACTOR	113,114,115
1K15, 1K16	CONDENSER FAN CONTACTOR	94,116
1K17, 1K18	COOLING RELAY	72,75
1K19, 1K20	COMPRESSOR CONTACTOR	97,109
1K21, 1K22	RESET RELAY	96,110
1K48, 1K49	COOLING RELAY	79,82
1S2	CONTROL CIRCUIT SWITCH	61
3B1S1, 3B2S2	CMPR WINDING THERMOSTAT	88,89
3B3S3, 3B4S4	CMPR WINDING THERMOSTAT	89,89
3B5S5, 3B6S6	CMPR WINDING THERMOSTAT	118,118
3B7S7, 3B8S8	CMPR WINDING THERMOSTAT	116,117
4S1, 4S2	HIGH PRESSURE CUTOUT	88,118
4S3, 4S4	LOW PRESSURE CUTOUT	90,116
4S5, 4S6	CMPR PROTECTION SWITCH	96,110
4S7, 4S8	FAN PRESSURE CONTROL	93,115
6K1	EVAP FAN STARTER	63
6L1, 6L3	ISOLATION LIQUID SOLENOID	101,105
6L2, 6L4	UNLOADING LIQUID SOLENOID	100,106
6S1	EVAP FAN CONTROL SWITCH	63
6S2	SYSTEM CONTROL SWITCH	65
6U11	6 STEP CONTROLLER	66
7P1, 7P2, 7P3	PLUG CONNECTOR	
7R8, 7R9	LOAD RESISTOR	65,68
7R10, 7R11	LOAD RESISTOR	71,74
7R15, 7R16	LOAD RESISTOR	78,81
7U5, 7U6	LOW PRESSURE TIMER	87,119
7U7, 7U8	CMPR FIXED OFF TIMER	66,69
7U9, 7U10	CMPR FIXED OFF TIMER	75,72
7U13, 7U14	CMPR FIXED ON TIMER	84,78
7U15, 7U16	CMPR FIXED ON TIMER	80,82
7U86, 7U87	CMPR FIXED OFF TIMER	77,80
7U88, 7U89	CMPR FIXED ON TIMER	84,86
8L5, 8L6	HOT GAS BYPASS	102,104

DEVICE PREFIX	LOCATION CODE
AREA	LOCATION
1	CONTROL PANEL
3	COMPRESSOR
4	EXTERNAL MOUNTED COMPONENTS
5	EXTERNAL MOUNTED COMPONENTS
6	CUSTOMER PROVIDED DEVICE
7	OPTIONAL CONTROL PLATE
8	SHIP W/ FIELD INSTALLED DEVICE

WARNING

HAZARDOUS VOLTAGE !

DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.

FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT

VOLTAGE HASARDEUX !

DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN.

FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER LES REPARATIONS PEUT CAUSER DE GRAVES BLESSURES CORPORELLES SEVERES OU LA MORT.

CAUTION

USE COPPER CONDUCTORS ONLY !

UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

IMPORTANT !
DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED

REPLACES:	2 3 0 7 : 4 1 5 0	FILE NUMBER:	PPL-UN-S/S-RAUC	DRAWING NUMBER:	2307-4490	REV
REVISION DATE:	THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC.	SCROLL SPLIT SYSTEM CONDENSING UNIT AIR COOLED SCHEMATIC WIRING LINE VOLTAGE 200,230,460,575V/60HZ/3PH RAUC 100/120 TON W/NO CONTROLS				SHEET 2 OF 2
DRAWN BY:	T. DEPRIEST					
DATE:	08/04/98	SIMILAR TO:	2307-4070			

NOTES:

1 ISOLATION LIQUID SOLENOID VALVES (6L1, 6L3) ARE REQUIRED FOR CHARGE ISOLATION (PROVIDED BY THE FIELD). UNLOADING LIQUID SOLENOID VALVES (6L2, 6L4), IF APPLICABLE, ARE PROVIDED & INSTALLED BY THE FIELD.

4. THE FOLLOWING CAPABILITIES ARE OPTIONAL - THEY ARE IMPLEMENTED AND WIRED AS REQUIRED FOR A SPECIFIC APPLICATION.

5 4S5 & 4S6 ARE COMPRESSOR PROTECTION SWITCHES USED FOR COMPRESSOR PROTECTION WHEN A NO REFRIGERANT FLOW CONDITION EXISTS (7 PSI(G)). CAUTION! DO NOT JUMPER ACROSS SWITCH UNDER ANY CIRCUMSTANCE.

DO NOT JUMPER