

17. COOL-2 CIRCUIT AS SHOWN IS FOR 40 TON thru 80 TON UNITS.
USE INSET "C" FOR 20 THRU 30 TON CIRCUIT VARIATION.

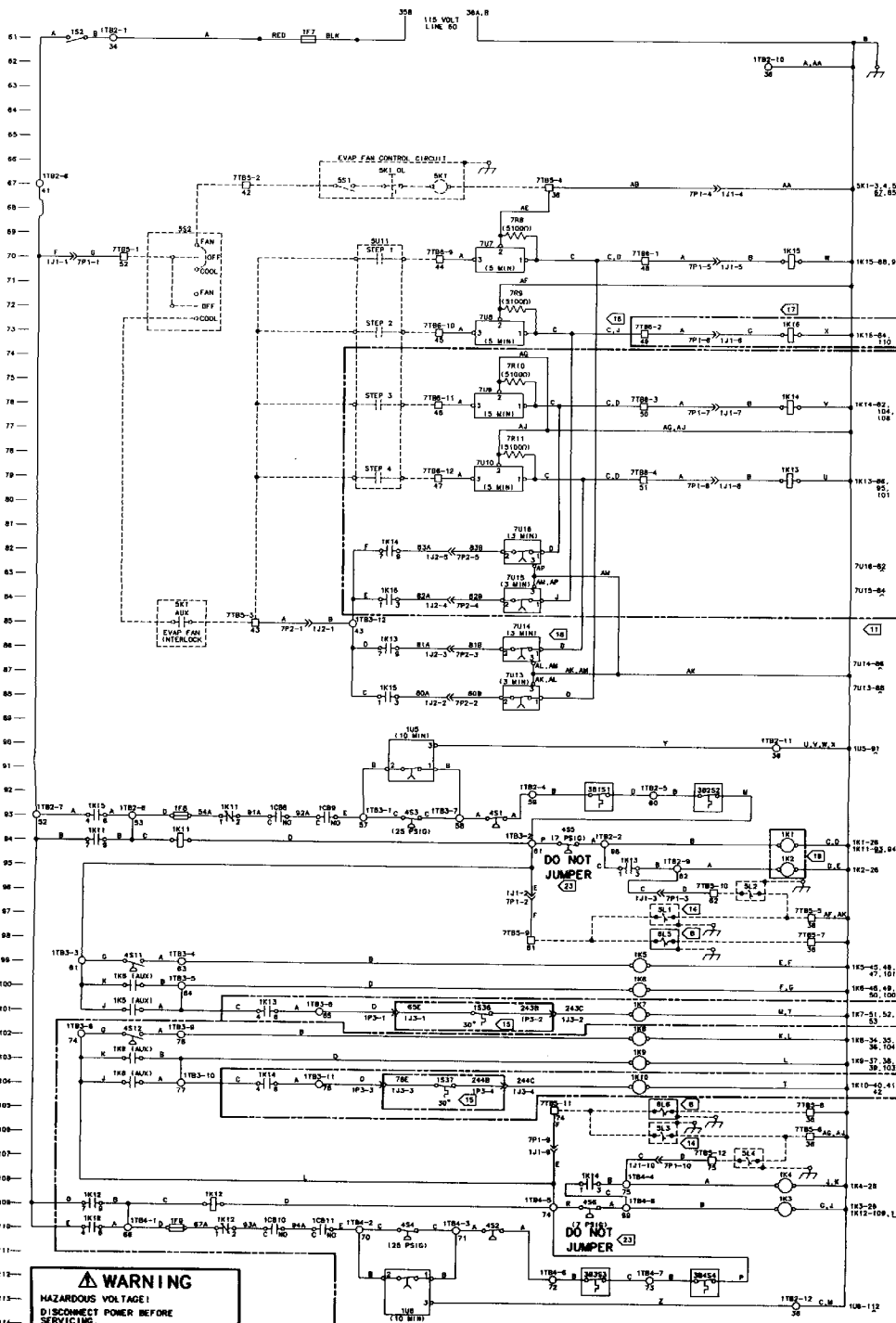
18. CONNECTION VARIATION TO COMPRESSOR FINISHED ON THER
20 - 30 TON UNITS - USE WIRE NO. "480" - USE INSET "C"
30 - 40 TON UNITS - USE WIRE NO. "480" - USE INSET "C"
USE INSET "C" FOR 20 THRU 30 TON CONNECTION.

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

20. HOT GAS BYPASS VALVE (BLS & BLS - LINE BLS & 100)

21. 450 & 458 ARE COMPRESSOR PROTECTION SWITCHES USED FOR
PROTECTION ON WHEN A NO REFRIGERANT FLOW
CONDITION EXISTS (F) PSIEL. CAUTION! DO NOT JUMPER ACH

SCROLL
SYSTEM CONDENSING UNIT
2307-3902
AIR COOLED
ELECTRICAL WIRING
300, 230, 460, 575V/1PH/2/3PH
0.613V/50/60/2/3PH
0 TON W/NO SYSTEM CONTROLS



DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1C8B-1C8I1	COMP. CIRCUIT BREAKER	22
1F1 - 1F8	CONDENSER FAN FUSE	40, 24-28
1F7	CONTING. CIRCUIT FUSE	81
1F8, 1F9	COMP. PROTECTOR FUSE	83, 110
1J1, 1J2, 1J3	JACK CONNECTOR	94, 95
1K1, 1K2	COMPRESSOR CONTACTOR	94, 95
1K3, 1K4	COMPRESSOR CONTACTOR	109, 108
1K5, 1K6, 1K7	CONDENSER FAN CONTACTOR	98, 100, 101
1K8, 1K9, 1K10	CONDENSER FAN CONTACTOR	102, 103, 104
1K11, 1K12	RESET RELAY	84, 100
1K13, 1K14	COOLING RELAY	79, 98, 78
1K15, 1K16	COOLING RELAY	70, 73
1K17	PLUG CONNECTOR	11
1L1	MANUAL DISCONNECT SWITCH	11
1L2	CONTROL CIRCUIT SWITCH	81
1L3, 1L4	LOW AMBIENT T-STAT	101, 104
1T1	CONTROL POWER TRANSFORMER	59
1T2	POWER TERMINAL BLOCK	11
1T3 - 1T8	CONTROL TERMINAL BLOCK	
1U5, 1U6	LOW PRESSURE TIMER	90, 113
281 - 283	CONDENSER FAN MOTOR	48, 49, 52
284 - 286	CONDENSER FAN MOTOR	35, 38, 41
381 - 384	COMPRESSOR	30
381, 382, 383	COMP. WINDING THERMOSTAT	81
383, 384, 385	COMP. WINDING THERMOSTAT	112
451, 452	HIGH PRESSURE CIRCUIT	83, 110
453, 454	LOW PRESSURE CIRCUIT	83, 110
455, 456	COMP. PROTECTION SWITCH	94, 109
451, 4512	FAN PRESSURE CONTROL	98, 102
501	EVAPORATOR FAN MOTOR	47
5K1	EVAP. FAN STARTER	8
5L1, 5L2	LIQUID LINE SOLENOID	87, 88
5L3, 5L4	LIQUID LINE SOLENOID	106, 107
5S1	EVAP. FAN CONTROL SWITCH	87
5S2	SYSTEM CONTROL SWITCH	70
5U11	4 STEP CONTROLLER	70
6L5, 6L6	HOT GAS BYPASS SOLENOID	98, 100
7P1, 7P2	PLUG CONNECTOR	
788, 789	LOAD RESISTOR	89, 72
790, 791	LOAD RESISTOR	75, 78
798, 799	CONTROL TERMINAL BLOCK	
7U2, 7U3	COMP. FIXED OFF TIMER	70, 73
7U4, 7U5	COMP. FIXED OFF TIMER	78, 79
7U13, 7U14	COMP. FIXED ON TIMER	88, 90, 100
7U15, 7U16	COMP. FIXED ON TIMER	84, 85

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

AREA	LOCATION
1	CONTROL PANEL
2	FAN SECTION
3	COMPRESSOR
4	EXTERNAL MOUNTED COMPONENTS
5	CUSTOMER OR FIELD PROVIDED
6	SHIP W/ FIELD INSTALLED DEVICE
7	OPTIONAL CONTROL PLATE

INSET "B"

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