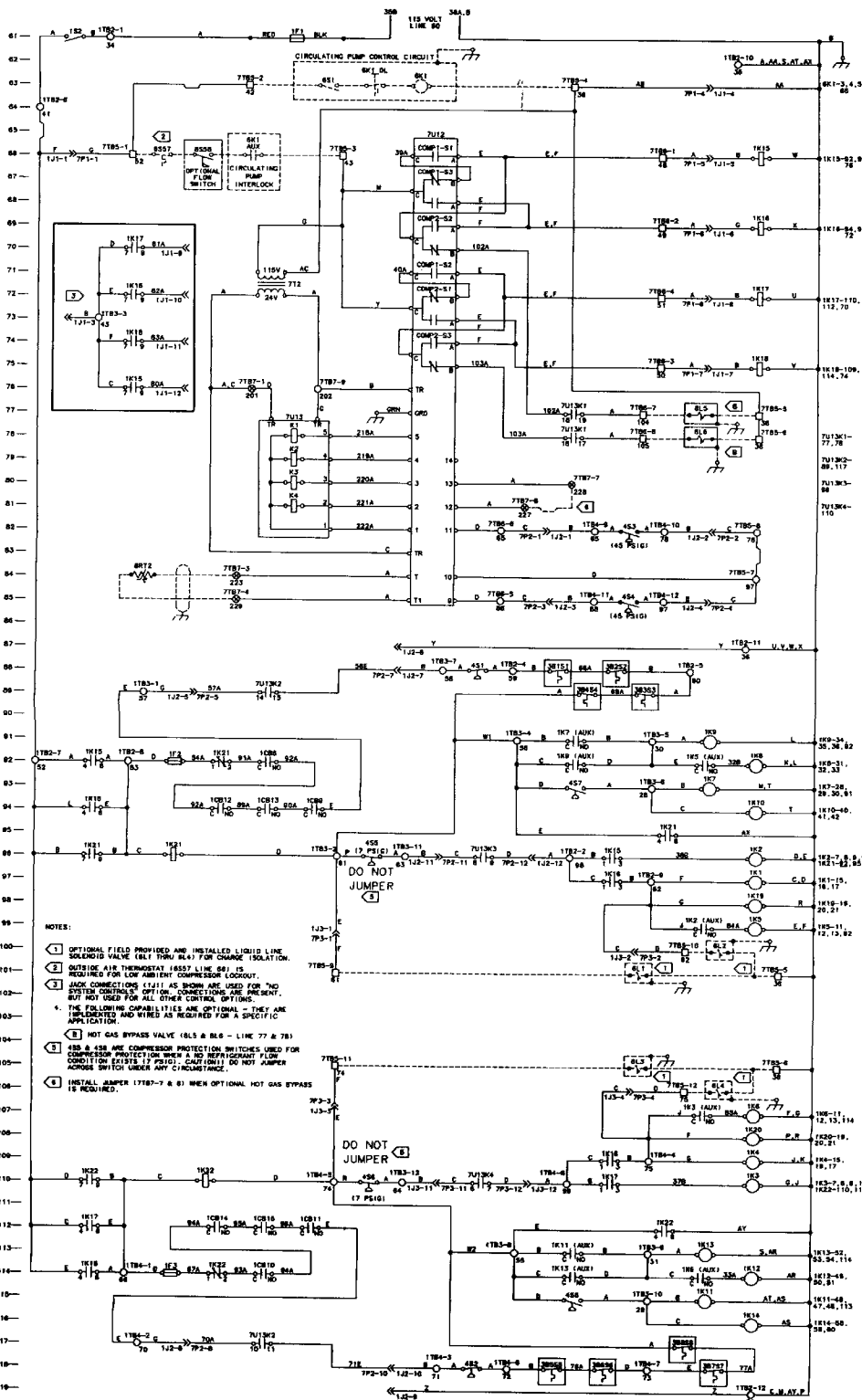




DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1F1	CONTROL CIRCUIT FUSE	61
1F2, 1F3	COMP PROTECTION FUSE	82, 114
1K1, 1K2	COMPRESSOR CONTACTOR	89, 90
1K3, 1K4	COMPRESSOR CONTACTOR	116, 109
1K5, 1K6	COMPRESSOR CONTACTOR	89, 107
1K7, 1K8	CONDENSER FAN CONTACTOR	112, 114, 115
1K11-1K13	CONDENSER FAN CONTACTOR	84, 118
1K10, 1K14	CONDENSER FAN CONTACTOR	84, 118
1K15, 1K16	COOLING RELAY	88, 89
1K17, 1K18	COOLING RELAY	71, 72
1K19, 1K20	COMPRESSOR CONTACTOR	88, 108
1K21, 1K22	HEAT RELAY	86, 110
1J1, 1J2, 1J3	PLUS CONNECTOR	81
1S2	CONTROL CIRCUIT SWITCH	81

3S151, 3S152	COMP WINDING THERMOSTAT	85, 86
3S353, 3S354	COMP WINDING THERMOSTAT	85, 89
3S355, 3S356	COMP WINDING THERMOSTAT	110, 118
3S757, 3S758	COMP WINDING THERMOSTAT	110, 117
4S1, 4S2	HIGH PRESSURE CUTOFF	88, 118
4S3, 4S4	LOW PRESSURE CUTOFF	82, 89
4S5, 4S6	COMP PROTECTION SWITCH	86, 110
4S7, 4S8	FAN PRESSURE CUTOFF	83, 115

8F1	EVAP FAN STARTER	83
8L1, 8L2	LIQUID LINE SOLENOID	100, 101
8L3, 8L4	LIQUID LINE SOLENOID	105, 108
8S1	EVAP FAN CONTROL SWITCH	83
8S57	OUTLINE AIR THERMOSTAT	86

DEVICE PREFIX	LOCATION CODE
AREA:	LOCATION
1	CONTROL PANEL
2	COMPRESSOR
3	EXTERNAL HEATED COMPONENTS
4	EXTERNAL HEATED COMPONENTS
5	EXTERNAL HEATED COMPONENTS
6	CUSTOMER PROVIDED DEVICE
7	OPTIONAL CONTROL PLATE
8	FIELD INSTALLED DEVICE

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT POWER BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT
VOLTAGE, HAZARDEUX!
DECONNECTER LA SOURCE ELECTRIQUE AVANT D'ETRE EFFECTUE L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'ETRE EFFECTUE L'ENTRETIEN PEUT CAUSER DES BLESSES CORPORELLES SEVERES OU LA MORT.

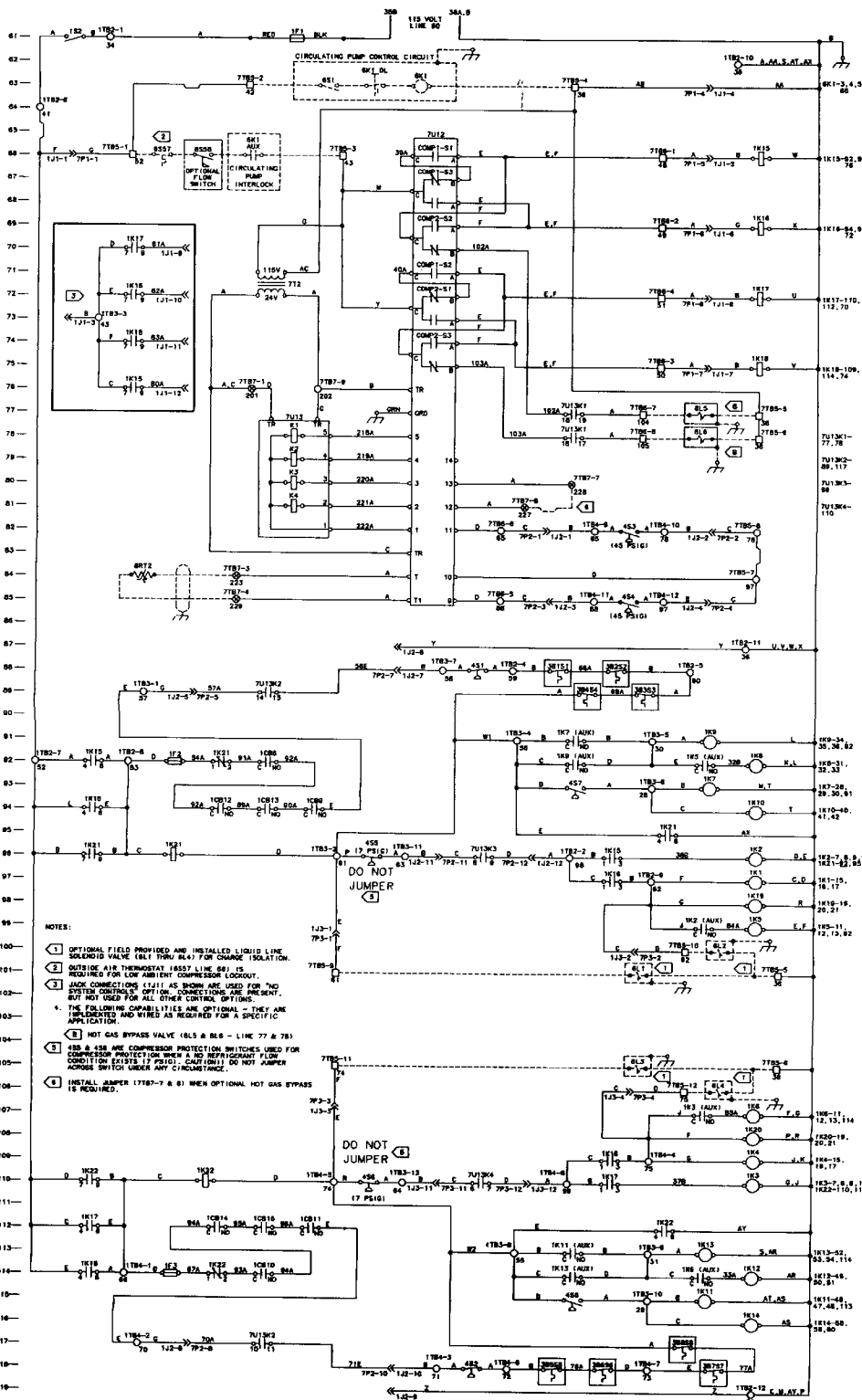
USE COPPER CONDUCTORS ONLY
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT ANY OTHER WIRING

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

- NOTES:
- OPTIONAL FIELD PROVIDED AND INSTALLED LIQUID LINE SOLENOID VALVE (8L1 THRU 8L4) FOR CHARGE ISOLATION.
 - OUTSIDE AIR THERMOSTAT (8S57 LINE 86) IS REQUIRED FOR LOW AMBIENT COMPRESSOR LOCKOUT.
 - WIRE CONNECTIONS (1J1) AS SHOWN ARE USED FOR "NO SYSTEM CONTROLS" OPTION. CONNECTIONS ARE PRESENT, BUT NOT USED FOR ALL OTHER CONTROL OPTIONS.
 - THE FOLLOWING CAPABILITIES ARE OPTIONAL - THEY ARE IMPLEMENTED AND WIRED AS REQUIRED FOR A SPECIFIC APPLICATION.
 - HOT GAS BYPASS VALVE (8L5 & 8L6 - LINE 77 & 78)
 - 4S5 & 4S6 ARE COMPRESSOR PROTECTION SWITCHES USED FOR COMPRESSOR PROTECTION WHEN A NO REFRIGERANT FLOW CONDITION EXISTS (2 PRESS). CAUTION! DO NOT JUMPER ACROSS SWITCH UNDER ANY CIRCUMSTANCES.
 - INSTALL AMPER 1787-7 & 8) WHEN OPTIONAL HOT GAS BYPASS IS REQUIRED.

FIELD PLATE 10 X 15

DATE	3/27/10
BY	TECHNICAL SERVICE
REVISION	1
REVISION	2
REVISION	3
REVISION	4
REVISION	5
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REVISION	119
REVISION	120



AREA	LOCATION
1	CONTROL PANEL
2	COMPRESSOR
3	EXTERNAL HEATED COMPONENTS
4	EXTERNAL HEATED COMPONENTS
5	EXTERNAL HEATED COMPONENTS
6	CUSTOMER PROVIDED DEVICE
7	OPTIONAL CONTROL PLATE
8	FIELD INSTALLED DEVICE

FIELD PLATE 10 X 15

TERMINAL	WIRE COLOR	WIRE SIZE	WIRE TYPE	WIRE LENGTH	WIRE TYPE	WIRE LENGTH	WIRE TYPE	WIRE LENGTH
1	RED	14	14	14	14	14	14	14
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