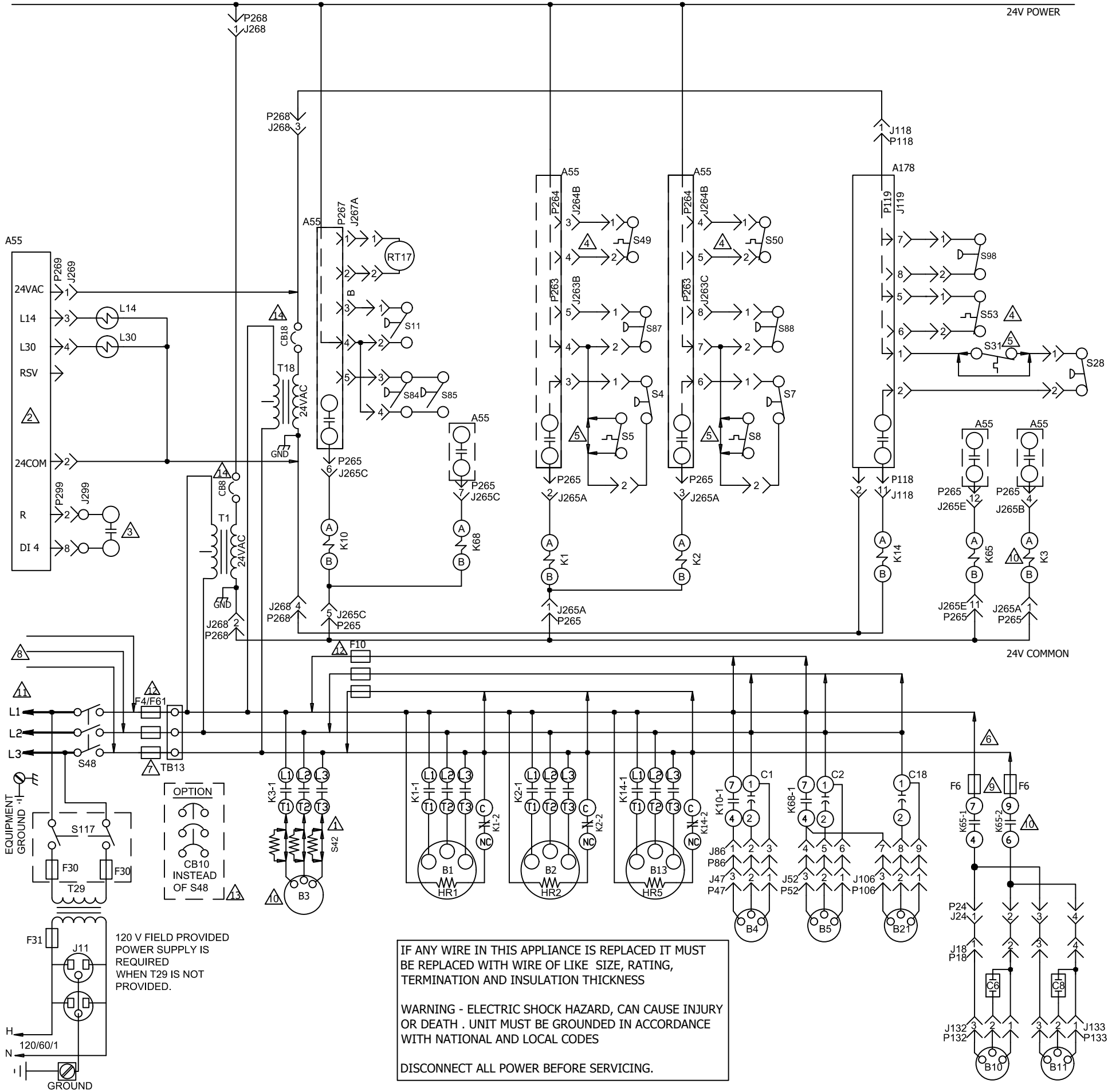




KEY	COMPONENT
A55	PANEL, MAIN BOARD LENNOX
A178	PANEL, COMP 3 & 4 AND 2ND STAGE HEAT - C3
B1	COMPRESSOR 1
B2	COMPRESSOR 2
B3	MOTOR, BLOWER
B4	MOTOR, OUTDOOR FAN 1
B5	MOTOR, OUTDOOR FAN 2
B10	MOTOR, EXHAUST FAN 1
B11	MOTOR, EXHAUST FAN 2
B13	COMPRESSOR 3
B21	MOTOR, OUTDOOR FAN 3
C1	CAPACITOR, OUTDOOR FAN 1
C2	CAPACITOR, OUTDOOR FAN 2
C6	CAPACITOR, EXHAUST FAN 1
C8	CAPACITOR, EXHAUST FAN 2
C18	CAPACITOR, OUTDOOR FAN 3
CB8	CIRCUIT, BREAKER T1
CB10	CIRCUIT BREAKER, MAIN DISCONNECT UNIT
CB18	CIRCUIT, BREAKER T18
F4	FUSE, MAIN UNIT
F6	FUSE, EXHAUST FAN
F10	FUSE, OUTDOOR FAN MOTOR
F30	FUSE, TRANSFORMER T29 PRIMARY
F31	FUSE, TRANSFORMER T29 SECONDARY
F61	FUSE, UNIT SCCR OPTION
HR1	HEATER COMPRESSOR 1
HR2	HEATER COMPRESSOR 2
HR5	HEATER COMPRESSOR 3
J11	JACK, GFI, RECEPTACLE
K1, -1	CONTACTOR, COMPRESSOR 1
K2, -1	CONTACTOR, COMPRESSOR 2
K3, -1	CONTACTOR, BLOWER
K10, -1,2	RELAY, OUTDOOR FAN 1
K14	CONTACTOR, COMPRESSOR 3
K65, 1,2	RELAY, EXHAUST FAN
K68, -1	RELAY, OUTDOOR FAN 2
L14	VALVE, SOLENOID REHEAT VALVE 1
L30	VALVE, SOLENOID REHEAT VALVE 2
RT17	SENSOR, OUTDOOR AIR
S4	SWITCH, LIMIT HI PRESS COMPRESSOR 1
S5	SWITCH, LIMIT TEMP COMPRESSOR 1
S7	SWITCH, LIMIT HI PRESS COMPRESSOR 2
S8	SWITCH, LIMIT HI TEMP COMPRESSOR 2
S11	SWITCH, LOW PRESS, LOW AMBIENT COMP 1
S28	SWITCH, LIMIT HI PRESS COMPRESSOR 3
S31	SWITCH, LIMIT HI TEMP COMPRESSOR 3
S42	SWITCH, OVERLOAD RELAY BLOWER MOTOR
S48	SWITCH, DISCONNECT
S49	SWITCH, FREEZE STAT COMPRESS 1
S50	SWITCH, FREEZE STAT COMPRESS 2
S53	SWITCH, FREEZE STAT COMPRESS 3
S84	SWITCH, LOW PRESS, LOW AMBIENT COMP 2
S85	SWITCH, LOW PRESS, LOW AMBIENT COMP 3
S87	SWITCH, LOW PRESS, COMP 1
S88	SWITCH, LOW PRESS, COMP 2
S98	SWITCH, LOW PRESS, COMP 3
S117	SWITCH, GFI
T1	TRANSFORMER, CONTROL
T18	TRANSFORMER, CONTACTOR
T29	TRANSFORMER, GFI
TB13	TERMINAL STRIP, POWER DISTRIBUTION

J/P	JACK/PLUG DESCRIPTION
18	EXHAUST FAN COMP
24	EXHAUST FAN
47	OUTDOOR FAN 1
52	OUTDOOR FAN 2
86	OUTDOOR FAN INTERFACE
106	OUTDOOR FAN 3
118	COMPRESSOR 3 AND 4, CONTROL
119	COMPRESSOR 3 AND 4, INPUT
132	EXHAUST FAN MOTOR 1
133	EXHAUST FAN MOTOR 2
263	HIGH AND LOW PRESSURE SWITCHES
264	BLOWER DECK
265	CONTACTORS AND RELAYS
267	OUTDOOR FAN AREA
268	TRANFORMER POWER
269	REHEAT CONTROL
299	HUMIDITROL SAFETY INTERFACE

- 1 S42 USED ON "M" VOLTAGE UNITS AND UNITS WITH HIGH EFFICIENCY MOTORS
- 2 ONLY USED IN UNIT WITH HUMIDITROL OPTION
- 3 EXTERNAL HUMIDITROL CONTACTS
- 4 S49, S50 AND S53 ARE PART OF 5VDC CIRCUIT
- 5 S5, S8, S31 USED ON UNITS WITH INTERLINK COMPRESSORS ONLY
- 6 B10 AND B11 NOT USED ON UNITS WITH ERV
- 7 USED ON LCH AND UNITS WITH ERV SINGLE POINT POWER. SEE ERV DIAGRAM
- 8 USED ON UNITS WITH ERV SINGLE POINT POWER
- 9 F6 USED ON Y-VOLT UNITS AND ALL SCCR OPTION UNITS WITH POWER EXHAUST
- 10 REFER TO UNIT DIAGRAM SECTION B3 WHEN INVERTER IS USED
- 11 NOTE: FOR USE WITH COPPER CONDUCTORS ONLY. REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.
- 12 F10 USED ON UNITS WITH SCCR OPTION. F61 USED ON LGH UNITS WITH SCCR OPTION
- 13 CB10 NOT AVAILABLE ON UNITS WITH SCCR OPTION
- 14 MOVE WIRE FROM 240 TO 208 TAP ON TRANSFORMER FOR 208 VOLT APPLICATIONS

← DENOTES OPTIONAL COMPONENTS
— LINE VOLTAGE FIELD INSTALLED

6018/02	WIRING DIAGRAM	10/18
537700-03		
COOLING		
LCH/LGH - 156 - G, J, M, Y		
SECTION B		REV. 0
Supersedes 537700-02	New Form No. 537700-03	