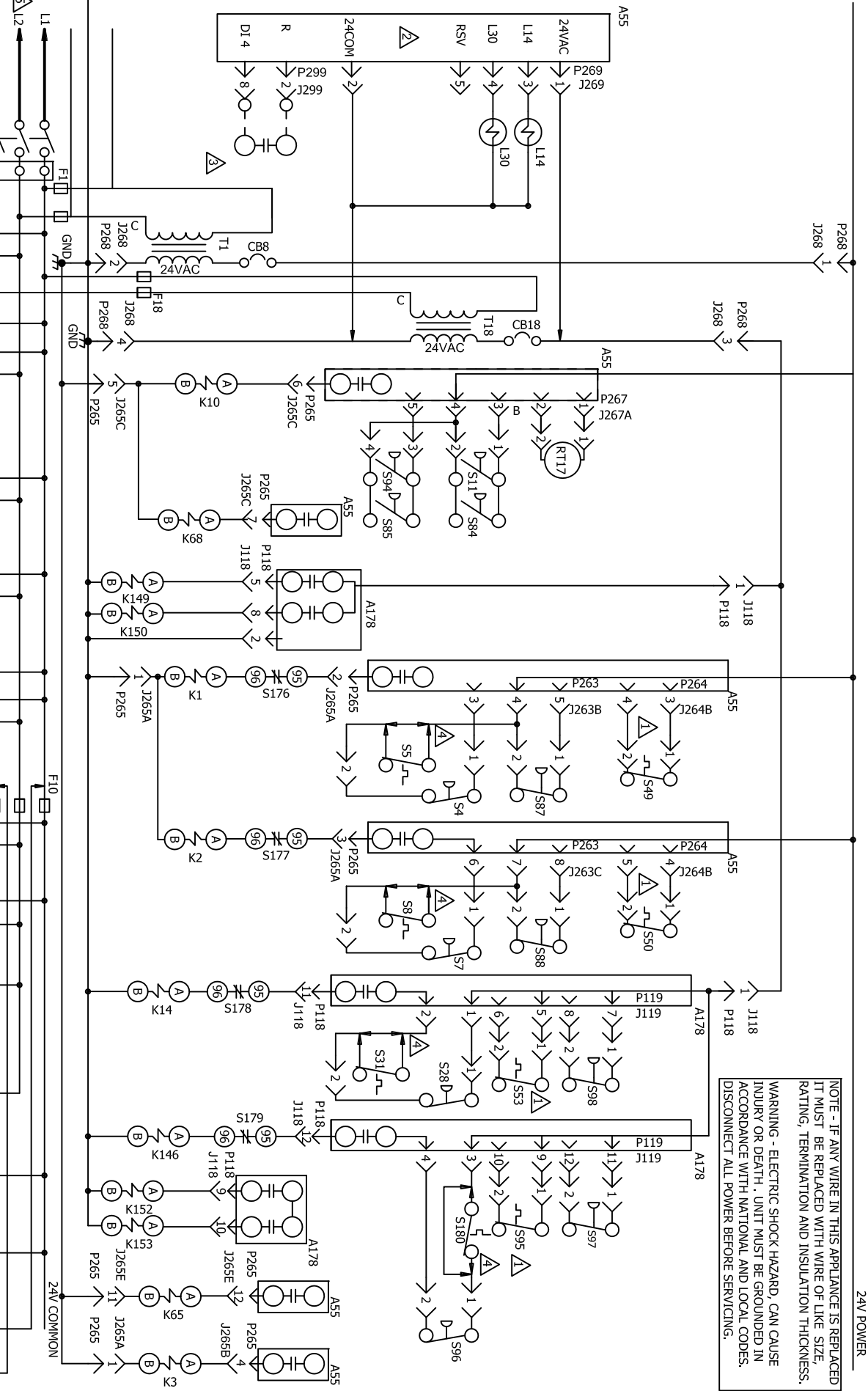




KEY	COMPONENT	DESCRIPTION
A65	PANEL, MAIN	
A178	PANEL COMP 3 & 4 AND 2nd STAGE HEAT-C3	
B1	COMPRESSOR 1	
B2	COMPRESSOR 2	
B3	MOTOR, BLOWER	
B4	MOTOR, OUTDOOR FAN 1	
B5	MOTOR, OUTDOOR FAN 2	
B10	MOTOR, EXHAUST FAN 1	
B11	MOTOR, EXHAUST FAN 2	
B13	COMPRESSOR 3	
B20	COMPRESSOR 4	
B21	MOTOR, OUTDOOR FAN 3	
B22	MOTOR, OUTDOOR FAN 4	
B23	MOTOR, OUTDOOR FAN 5	
B24	MOTOR, OUTDOOR FAN 6	
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	
C19	CAPACITOR, OUTDOOR FAN 4	
C20	CAPACITOR, OUTDOOR FAN 5	
C21	CAPACITOR, OUTDOOR FAN 6	
CB8	CIRCUIT, BREAKER T1	
CB18	CIRCUIT, BREAKER T18	
F1	FUSE, TRANSFORMER 1	
F6	FUSE, EXHAUST FAN	
F10	FUSE, OUTDOOR FAN MOTOR	
F18	FUSE, TRANSFORMER, T18	
HR1	HEATER COMPRESSOR 1	
HR2	HEATER COMPRESSOR 2	
HR5	HEATER COMPRESSOR 3	
HR11	HEATER COMPRESSOR 4	
K1-1	CONTACTOR, COMPRESSOR 1	
K2-1	CONTACTOR, COMPRESSOR 2	
K3-1	CONTACTOR, BLOWER	
K10-1,12	RELAY, OUTDOOR FAN 1	
K14-1	CONTACTOR, COMPRESSOR 3	
K65-1,12	RELAY, EXHAUST FAN	
K68-1	RELAY, OUTDOOR FAN 2	
K146-1	CONTACTOR, COMPRESSOR 4	
K149-1	RELAY, OUTDOOR FAN 3	
K150-1	RELAY, OUTDOOR FAN 4	
K152-1	RELAY, OUTDOOR FAN 5	
K153-1,12	RELAY, OUTDOOR FAN 6	
L14	VALVE, SOLENOID REHEAT COIL 1	
L30	VALVE, SOLENOID REHEAT COIL 2	

- ▲ S49, S50, S53 AND S95 ARE PART OF 5VDC CIRCUIT
- ▲ ONLY ON UNITS WITH HUMIDITROL OPTION
- ▲ EXTERNAL HUMIDITROL CONTACTS
- ▲ S5, S8, S31, S180 USED ON UNITS WITH INTERLINK COMPRESSORS ONLY
- ▲ NOTE: FOR USE WITH COPPER CONDUCTORS ONLY. REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.

RT17	SENSOR, OUTDOOR AIR
S4	SWITCH, LIMIT HI PRESS COMPRESS 1
S5	SWITCH, LIMIT HI TEMP COMPRESSOR 1
S7	SWITCH, LIMIT HI PRESS COMPRESS 2
S8	SWITCH, LIMIT HI TEMP COMPRESSOR 2
S11	SWITCH, LOW PRESS, LOW AMBIENT COMP 1
S28	SWITCH, LIMIT HI PRESS COMPRESS 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 KIT COMP 2
S85	SWITCH, LOW PRESS, LOW AMBIENT KIT COMP 3
S87	SWITCH, LOW PRESS, COMP 1
S88	SWITCH, LOW PRESS, COMP 2
S94	SWITCH, FREEZE STAT COMPRESS 4
S95	SWITCH, LIMIT HI PRESS COMPRESS 4
S96	SWITCH, LOW PRESS, COMP 4
S97	SWITCH, LOW PRESS, COMP 3
S176	SWITCH, OVERLOAD COMPRESSOR 1
S177	SWITCH, OVERLOAD COMPRESSOR 2
S178	SWITCH, OVERLOAD COMPRESSOR 3
S179	SWITCH, OVERLOAD COMPRESSOR 4
S180	SWITCH, LIMIT HI TEMP COMPRESSOR 4
T1	TRANSFORMER, CONTROL
T18	TRANSFORMER, CONTACTOR
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
87	OUTDOOR FAN INTERFACE 2
106	OUTDOOR FAN 3
107	OUTDOOR FAN 4
108	OUTDOOR FAN 5
109	OUTDOOR FAN 6
118	COMPRESSOR 3 AND 4, CONTROL
119	COMPRESSOR 3 AND 4, INPUT
132	EXHAUST FAN MOTOR 1
133	EXHAUST FAN MOTOR 2
138	EXHAUST FAN 3
139	EXHAUST FAN 2
263	HIGH AND LOW PRESSURE SWITCHES
264	BLOWER DECK AREA
265	CONTACTORS AND RELAYS
267	OUTDOOR FAN AREA
268	TRANSFORMERS
269	HUMIDITROL
299	HUMIDITROL INTERFACE
310	CRANKCASE HEATERS
368	OUTDOOR FAN GROUND HARNESS #1
369	OUTDOOR FAN GROUND HARNESS #2
360	EXHAUST FAN COMPT GROUND HARNESS
361	EXHAUST FAN GROUND HARNESS

08/16	WIRING DIAGRAM	08/16
COOLING - CE		
LCH, LGH 240,300 - M		
SECTION B		REV. 0
Supersedes	New Form No.	537696-02