



NOTE - IF ANY WIRE IN THIS APPLIANCE IS REPLACED IT MUST BE REPLACED WITH WIRE OF LIKE SIZE, RATING, TERMINATION AND INSULATION THICKNESS.
 WARNING - ELECTRIC SHOCK HAZARD, CAN CAUSE INJURY OR DEATH. UNIT MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL AND LOCAL CODES. DISCONNECT ALL POWER BEFORE SERVICING.

KEY	COMPONENT	DESCRIPTION
A55	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, OUTDOOR FAN 3	
C18	CAPACITOR, OUTDOOR FAN 4	
C19	CAPACITOR, OUTDOOR FAN 5	
C20	CAPACITOR, OUTDOOR FAN 6	
C21	CAPACITOR, OUTDOOR FAN 6	
C88	CIRCUIT, BREAKER T1	
CB18	CIRCUIT, BREAKER 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	
K10-1,2	RELAY, OUTDOOR FAN 1	
K14-1	RELAY, OUTDOOR COMPRESSOR 3	
K65-1,2	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	
K153-1,2	RELAY, OUTDOOR FAN 6	
L14	VALVE, SOLENOID REHEAT COIL 1	
L30	VALVE, SOLENOID REHEAT COIL 2	

J/P	JACK / PLUG DESCRIPTION
18	EXHAUST FAN COMP
24	EXHAUST FAN 1
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 2
139	EXHAUST FAN 3
263	HIGH AND LOW PRESSURE SWITCHES
264	BLOWER DECK AREA
265	CONTACTORS AND RELAYS
267	OUTDOOR FAN AREA
268	TRANSFORMERS
289	HUMIDITROL INTERFACE
299	HUMIDITROL INTERFACE
310	CRANKCASE HEATERS

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▲ S49, S50, S53 AND S95 ARE PART OF S/DC 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.

▲ DENOTES OPTIONAL COMPONENTS
 — LINE VOLTAGE FIELD INSTALLED

09/14

WIRING DIAGRAM

COOLING - CE

LGH, LGH 240,300 - M

SECTION B

REV. 0

Supersedes

537696-01

New Form No. 537696-01