



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 |
| A59 | PANEL, COMPRESSORS 3 AND 4 |
| 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 |
| 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 | CONTACTOR, 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 |
| RT17 | SENSOR, OUTDOOR AIR |
| S4 | SWITCH, LIMIT HI PRESS COMPRESS 1 |
| S7 | SWITCH, LIMIT HI PRESS COMPRESS 2 |
| S11 | SWITCH, LOW PRESS, LOW AMBIENT COMP 1 |
| S28 | SWITCH, LIMIT HI PRESS COMPRESS 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 |

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| S94 | SWITCH, LOW PRESS, LOW AMBIENT KIT COMP 4 |
| S95 | SWITCH, FREEZE STAT COMPRESS 4 |
| S96 | SWITCH, LIMIT HI PRESS COMPRESS 4 |
| S97 | SWITCH, LOW PRESS, COMP 4 |
| S98 | 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 |
| 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 2 |
| 263 | HIGH AND LOW PRESSURE SWITCHES |
| 264 | BLOWER DECK |
| 265 | CONTACTORS AND RELAYS |
| 267 | OUTDOOR FAN AREA |
| 268 | T1 TRANSFORMER |
| 310 | CRANKCASE HEATERS |

- △ S49 AND S50 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

← DENOTES OPTIONAL COMPONENTS

— LINE VOLTAGE FIELD INSTALLED

EQUIPMENT GROUND

NOTE: USE COPPER CONDUCTORS ONLY

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| 01/12 | ENERGENCE WIRING DIAGRAM 537498-01 | 01/12 |
| COOLING - CE | | |
| LCH/LGH 300, 360 - M | | |
| SECTION B | | REV 0 |
| Supersedes | New Form No. 537498-01 | |