



| KEY LIST | | |
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| LOCATION | COMPONENT DESCRIPTION | |
| SS06 | A30 | TRANSDUCER, SA DUCT PRESSURE |
| CC05/08 | A96 | CONTROL INVERTER, BLOWER |
| MM05,EE10 | A192 | INVERTER, COMPRESSOR 1 |
| BB09 | AM1, AM2 | AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC |
| FF/GG/JJ10 | B1, B2, B13 | COMPRESSOR 1, 2, 3 |
| CC10 | B3 | MOTOR, BLOWER |
| PP02,NN08 | B4, B5 | MOTOR, OUTDOOR FAN 1, 2, 3, 4 |
| PP01,NN08 | B21, B22 | |
| PP04,NN09 | B3 | MOTOR, OUTDOOR FAN 1, 2, 3, 4 |
| PP03,NN10 | B4, B5 | |
| QQ09 | B10, B11 | MOTOR, EXHAUST FAN 1, 2 |
| KK09 | B47 | MOTOR, COOLING FAN FOR A192 |
| QQ09 | C6, C8 | CAPACITOR, EXHAUST FAN 1, 2 |
| LL06 | F6 | FUSE, EXHAUST FAN |
| LL07 | F10 | FUSE, COMPONENT |
| LL08 | F57 | FUSE, T5 TRANSFORMER PRIMARY |
| LL09 | F58 | FUSE, T59 TRANSFORMER PRIMARY |
| EE09 | FL1 | FILTER BOARD |
| FF/GG/JJ10 | HR1, HR2, HR5 | HEATER, COMPRESSOR 1, 2, 3 |
| FF/GG05,08,08 | K1, K2, | CONTACTOR, COMPRESSOR 1, 2, 3 |
| JJ05/08/08 | K14 | |
| QQ07 | K65, K231 | RELAY, EXHAUST FAN 1, 2 |
| EE05/06,MM09 | K191 | RELAY, CRANKCASE HEATER 1 |
| EE06 | K203 | RELAY, INVERTER CONTROL |
| AA02 | L14, L30 | VALVE, SOLENOID, REHEAT COIL 1, 2 |
| GG01 | RT6 | SENSOR, A55 DISCHARGE (IMC) |
| DD01 | RT17 | SENSOR, OUTSIDE AIR TEMP |
| GG08,MM02 | RT42, RT43, RT54 | SENSOR, SUCTION TEMP., COMP 1, 2, 3 |
| DD03, JJ02 | RT44, RT45, RT56 | SENSOR, LIQUID TEMP., COMP 1, 2, 3 |
| GG02,MM01 | RT46, RT47, RT50 | SENSOR, SAT. SUCT TEMP., COMP 1, 2, 3 |
| DD01/02, JJ01 | RT48, RT49, RT52 | SENSOR, SAT. LIQUID TEMP., COMP 1, 2, 3 |
| BB01/02, GG02 | S4, S7, S28 | LIMIT, HI PRESS. SWITCH, COMP 1, 2, 3 |
| AA01 | S5 | LIMIT, HI TEMP. SWITCH, COMP 1 |
| BB02/03, GG03 | S87, S88, S98 | SWITCH, LOW PRESS., COMP. 1, 2, 3 |
| AA06 | T1 | TRANSFORMER, CONTROL |
| MM08/09 | T5, T59 | TRANSFORMER, OUTDOOR FAN MOTOR |
| BB06 | T18 | TRANSFORMER, CONTACTOR |
| AA10 | T49 | TRANSFORMER, UV-LIGHT POWER |
| FF09 | T61 | TRANSFORMER, INV INTERNAL POWER |
| AA07 | TB13 | TERMINAL STRIP, POWER DISTRIBUTION |

NOTES

- ONLY ON UNITS WITH HUMIDITROL OPTION
- FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
- USED ON VAV UNITS ONLY

▲ DENOTES OPTIONAL COMPONENTS AND WIRING

WARNING

DISCONNECT ALL POWER BEFORE SERVICING. ELECTRIC SHOCK HAZARD. CAN CAUSE INJURY OR DEATH. UNIT MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL AND LOCAL CODES.

FOR USE WITH COPPER CONDUCTORS ONLY. REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.

IF ANY WIRE IN THIS APPLIANCE IS REPLACED, IT MUST BE REPLACED WITH WIRE OF LIKE SIZE, RATING AND INSULATION THICKNESS.

Model: LCM, LGM 156U, 180U - J-VOLT Voltage: 575V/3~/60Hz (J)
 COOLING - MSAV NO BYPASS -OR- VAV - 3 COMPRESSORS, 4 CONDENSER FANS Supersedes: N/A Form No: 538540-01 Rev: 0

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|-------------------|-------------------|-------------------|----------------|----------------|
| HEATING SECTION A | COOLING SECTION B | COOLING SECTION C | ACCS SECTION D | ACCS SECTION E |
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WIRING DIAGRAM FLOW

10x17 CUT SIZE

| REV | EC NO. | DATE | BY | APVD | REVISION NOTE |
|-----|-----------|------------|-----|-------|-----------------------------------|
| --- | CN-012015 | 06-04-2024 | DEV | JAL21 | ORIGINATED AT PD&R CARROLLTON, TX |