

538219-01
01

02

03

04

05

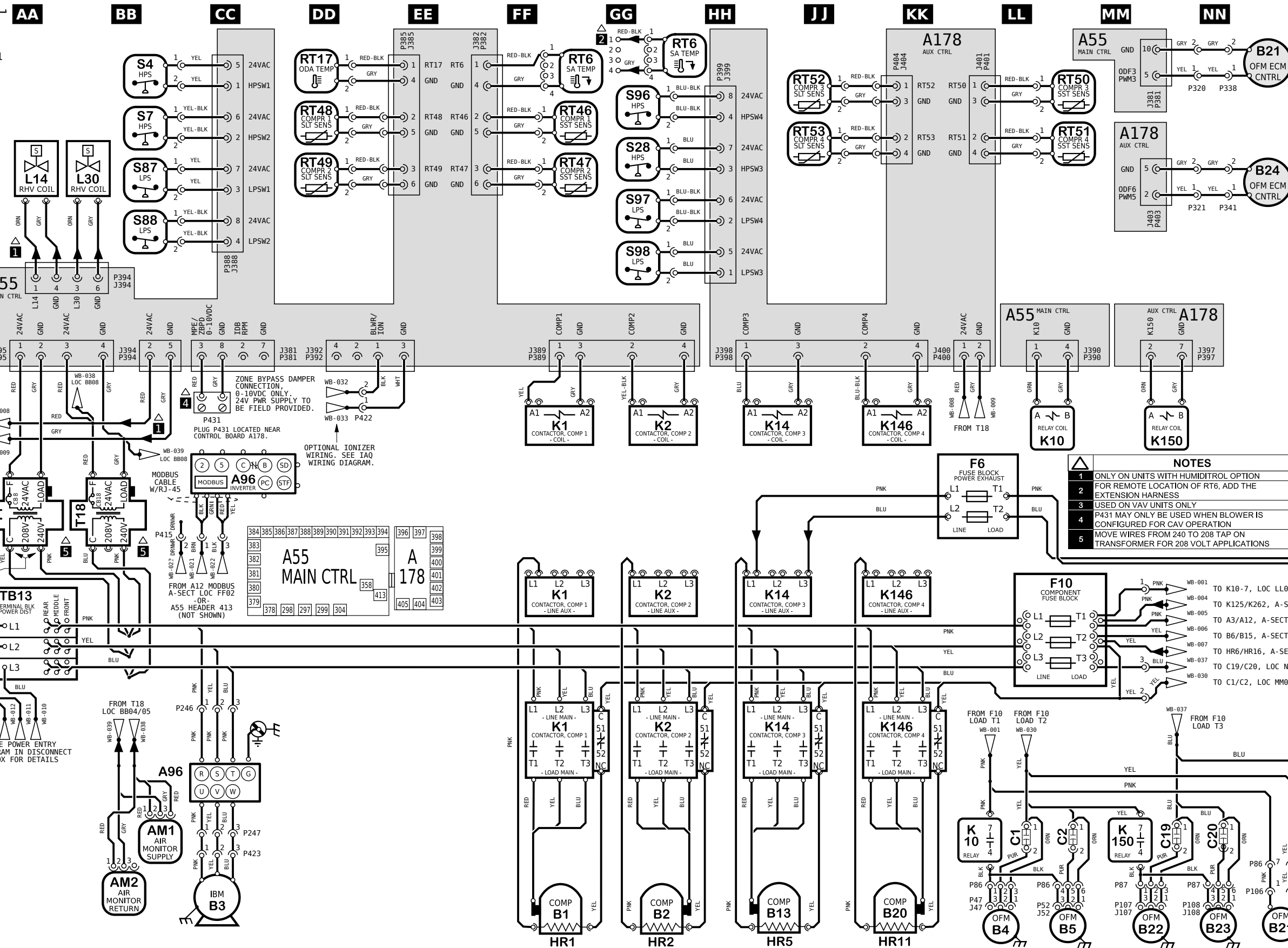
06

07

08

09

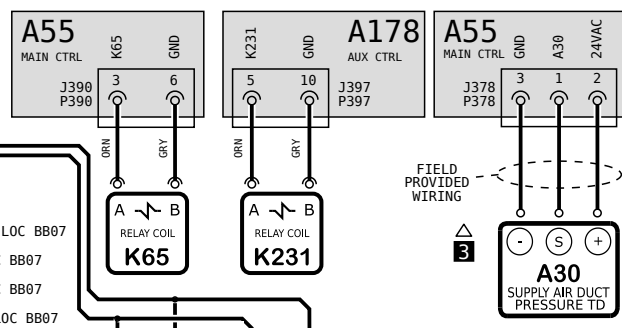
10



| KEY LIST | | |
|------------------|------------------------|--|
| LOCATION | COMPONENT DESCRIPTION | |
| SS06 | A30 | TRANSUCER, SA DUCT PRESSURE |
| CC05/08 | A96 | CONTROL INVERTER, BLOWER |
| BB09 | AM1, AM2 | AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC |
| FF/GG/JJ/KK10 | B1, B2, B13, B20 | COMPRESSOR 1, 2, 3, 4 |
| CC10 | B3 | MOTOR, BLOWER |
| LL10 | B4, B5 | MOTOR, OUTDOOR FAN 1, 2 |
| MM/NN10 | B22, B23 | MOTOR, OUTDOOR FAN 4, 5 |
| PP10 | B21, B24 | MOTOR, OUTDOOR FAN 3, 6 |
| QQ09 | B10, B11 | MOTOR, EXHAUST FAN 1, 2 |
| LL09 | C1, C2 | CAPACITOR, OUTDOOR FAN 1, 2 |
| NN09 | C19, C20 | CAPACITOR, OUTDOOR FAN 4, 5 |
| QQ09 | C6, C8 | CAPACITOR, EXHAUST FAN 1, 2 |
| LL05 | F6 | FUSE, EXHAUST FAN |
| LL07 | F10 | FUSE, COMPONENT |
| FF/GG/JJ/KK10 | HR1, HR2, HR5, HR11 | HEATER, COMPRESSOR 1, 2, 3, 4 |
| FF/GG05,08,08 | K1, K2 | CONTACTOR, COMPRESSOR 1, 2 |
| JJ/KK05,08,08 | K14, K146 | CONTACTOR, COMPRESSOR 3, 4 |
| LL05/09 | K10 | RELAY, OUTDOOR FAN 1, 2 |
| MM05/09 | K150 | RELAY, OUTDOOR FAN 4, 5 |
| QQ07 | K65, K231 | RELAY, EXHAUST FAN 1, 2 |
| AA02 | L14, L30 | VALVE, SOLENOID, REHEAT COIL 1, 2 |
| GG01 | RT6 | SENSOR, A55 DISCHARGE (IMC) |
| DD01 | RT17 | SENSOR, OUTSIDE AIR TEMP |
| GG02, MM01/02 | RT46, RT47, RT50, RT51 | SENSOR, SAT. SUCT TEMP., COMP 1, 2, 3, 4 |
| DD01/02, JJ01/02 | RT48, RT49, RT52, RT53 | SENSOR, SAT. LIQUID TEMP., COMP 1, 2, 3, 4 |
| BB01/02, GG02/01 | S4, S7, S28, S96 | LIMIT, HI PRESS. SWITCH, COMP 1, 2, 3, 4 |
| BB02/03, GG03/02 | S87, S88, S98, S97 | SWITCH, LOW PRESS., COMP. 1, 2, 3, 4 |
| AA08 | T1 | TRANSFORMER, CONTROL |
| BB06 | T18 | TRANSFORMER, CONTACTOR |
| AA07 | TB13 | TERMINAL STRIP, POWER DISTRIBUTION |

← DENOTES OPTIONAL COMPONENTS AND WIRING

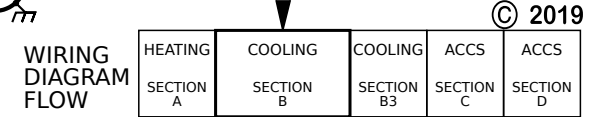
- NOTES**
- 1 ONLY ON UNITS WITH HUMIDITROL OPTION
 - 2 FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
 - 3 USED ON VAV UNITS ONLY
 - 4 P431 MAY ONLY BE USED WHEN BLOWER IS CONFIGURED FOR CAV OPERATION
 - 5 MOVE WIRES FROM 240 TO 208 TAP ON TRANSFORMER FOR 208 VOLT APPLICATIONS



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: LGT, LCT 240H, 300S - Y-VOLT
COOLING - MSAV NO BYPASS -OR- VAV - 4 COMPRESSORS, 6 CONDENSER FANS

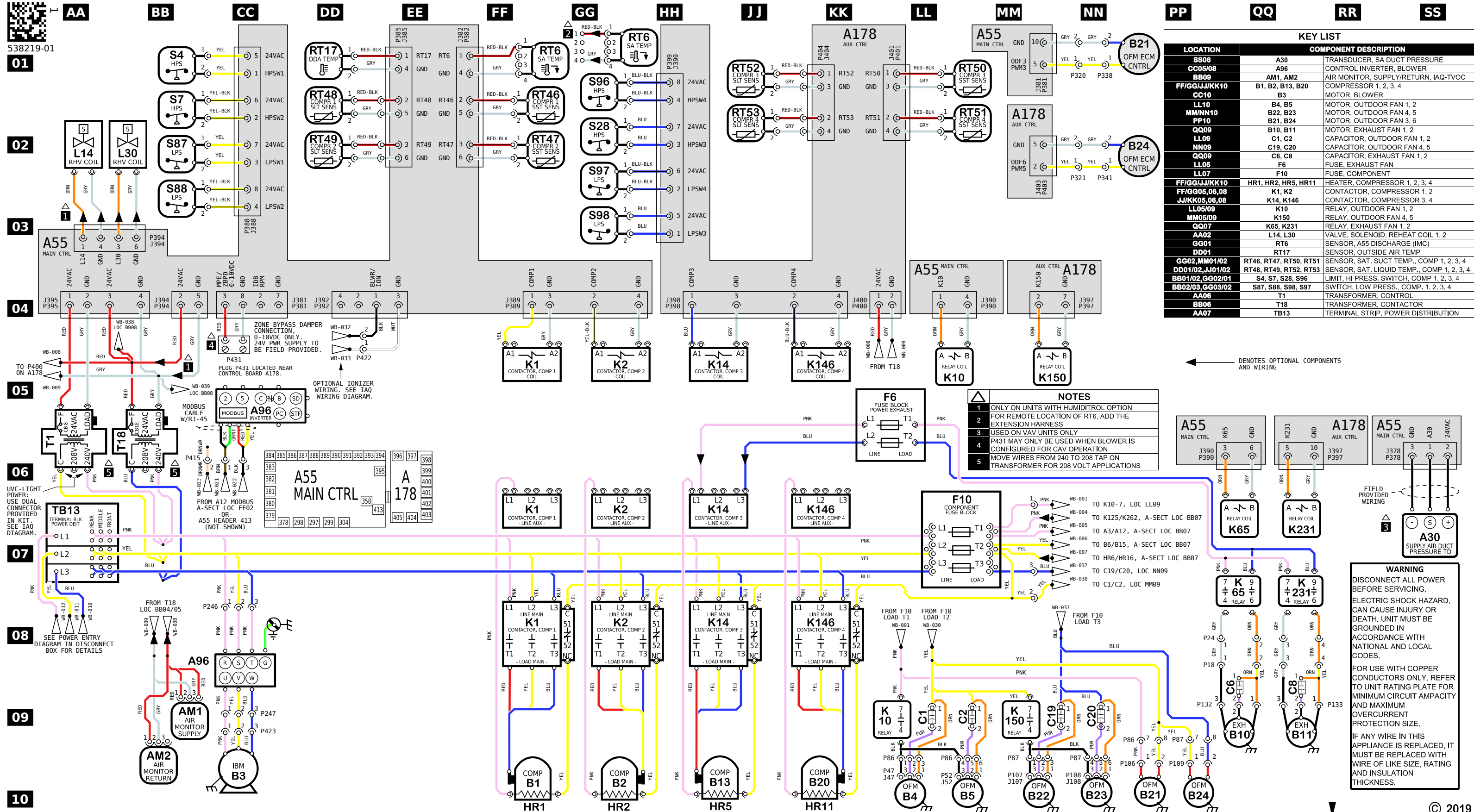
Voltage: 208-240V/3~/60Hz (Y)
Supersedes: N/A Form No: 538219-01 Rev: 1



10x17 CUT SIZE

| REV | EC NO. | DATE | BY | APVD | REVISION NOTE |
|-----|------------|------------|------|-------|---|
| --- | CN-010356 | 06-20-2022 | MXR6 | JAL21 | ORIGINATED AT PD&R CARROLLTON, TX |
| 001 | CN-010356E | 07-26-2022 | MXR6 | JAL21 | A) REVERSED HIGH VOLTAGE WIRING ON T18 TRANSFORMER. |

© 2019



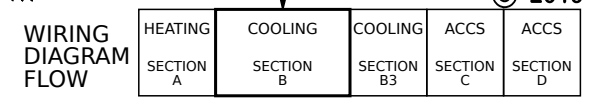
| KEY LIST | | |
|------------------|------------------------|--|
| LOCATION | COMPONENT DESCRIPTION | |
| SS06 | A30 | TRANSDUCER, SA DUCT PRESSURE |
| CC05/08 | A96 | CONTROL INVERTER, BLOWER |
| BB09 | AM1, AM2 | AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC |
| FF/GG/JJ/KK10 | B1, B2, B13, B20 | COMPRESSOR 1, 2, 3, 4 |
| CC10 | B3 | MOTOR, BLOWER |
| LL10 | B4, B5 | MOTOR, OUTDOOR FAN 1, 2 |
| MM/NN10 | B22, B23 | MOTOR, OUTDOOR FAN 4, 5 |
| PP10 | B21, B24 | MOTOR, OUTDOOR FAN 3, 6 |
| QQ09 | B10, B11 | MOTOR, EXHAUST FAN 1, 2 |
| LL09 | C1, C2 | CAPACITOR, OUTDOOR FAN 1, 2 |
| NN09 | C19, C20 | CAPACITOR, OUTDOOR FAN 4, 5 |
| QQ09 | C6, C8 | CAPACITOR, EXHAUST FAN 1, 2 |
| LL05 | F6 | FUSE, EXHAUST FAN |
| LL07 | F10 | FUSE, COMPONENT |
| FF/GG/JJ/KK10 | HR1, HR2, HR5, HR11 | HEATER, COMPRESSOR 1, 2, 3, 4 |
| FF/GG05,06,08 | K1, K2 | CONTACTOR, COMPRESSOR 1, 2 |
| JJ/KK05,06,08 | K14, K146 | CONTACTOR, COMPRESSOR 3, 4 |
| LL05/09 | K10 | RELAY, OUTDOOR FAN 1, 2 |
| MM05/09 | K150 | RELAY, OUTDOOR FAN 4, 5 |
| QQ07 | K65, K231 | RELAY, EXHAUST FAN 1, 2 |
| AA02 | L14, L30 | VALVE, SOLENOID, REHEAT COIL 1, 2 |
| GG01 | RT6 | SENSOR, A55 DISCHARGE (IMC) |
| DD01 | RT17 | SENSOR, OUTSIDE AIR TEMP |
| GG02, MM01/02 | RT46, RT47, RT50, RT51 | SENSOR, SAT. SUCT TEMP., COMP 1, 2, 3, 4 |
| DD01/02, JJ01/02 | RT48, RT49, RT52, RT53 | SENSOR, SAT. LIQUID TEMP., COMP 1, 2, 3, 4 |
| BB01/02, GG02/01 | S4, S7, S28, S96 | LIMIT, HI PRESS. SWITCH, COMP 1, 2, 3, 4 |
| BB02/03, GG03/02 | S87, S88, S98, S97 | SWITCH, LOW PRESS., COMP. 1, 2, 3, 4 |
| AA08 | T1 | TRANSFORMER, CONTROL |
| BB06 | T18 | TRANSFORMER, CONTACTOR |
| AA07 | TB13 | TERMINAL STRIP, POWER DISTRIBUTION |

- NOTES**
- 1 ONLY ON UNITS WITH HUMIDITROL OPTION
 - 2 FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
 - 3 USED ON VAV UNITS ONLY
 - 4 P431 MAY ONLY BE USED WHEN BLOWER IS CONFIGURED FOR CAV OPERATION
 - 5 MOVE WIRES FROM 240 TO 208 TAP ON TRANSFORMER FOR 208 VOLT APPLICATIONS

← 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: LGT, LCT 240H, 300S - Y-VOLT
 COOLING - MSAV NO BYPASS -OR- VAV - 4 COMPRESSORS, 6 CONDENSER FANS
 Voltage: 208-240V/3~/60Hz (Y)
 Supersedes: N/A Form No: 538219-01 Rev: 1



10x17 CUT SIZE

| REV | EC NO. | DATE | BY | APVD | REVISION NOTE |
|-----|------------|------------|------|-------|---|
| --- | CN-010356 | 06-20-2022 | MXR6 | JAL21 | ORIGINATED AT PD&R CARROLLTON, TX |
| 001 | CN-010356E | 07-26-2022 | MXR6 | JAL21 | A) REVERSED HIGH VOLTAGE WIRING ON T18 TRANSFORMER. |

© 2019