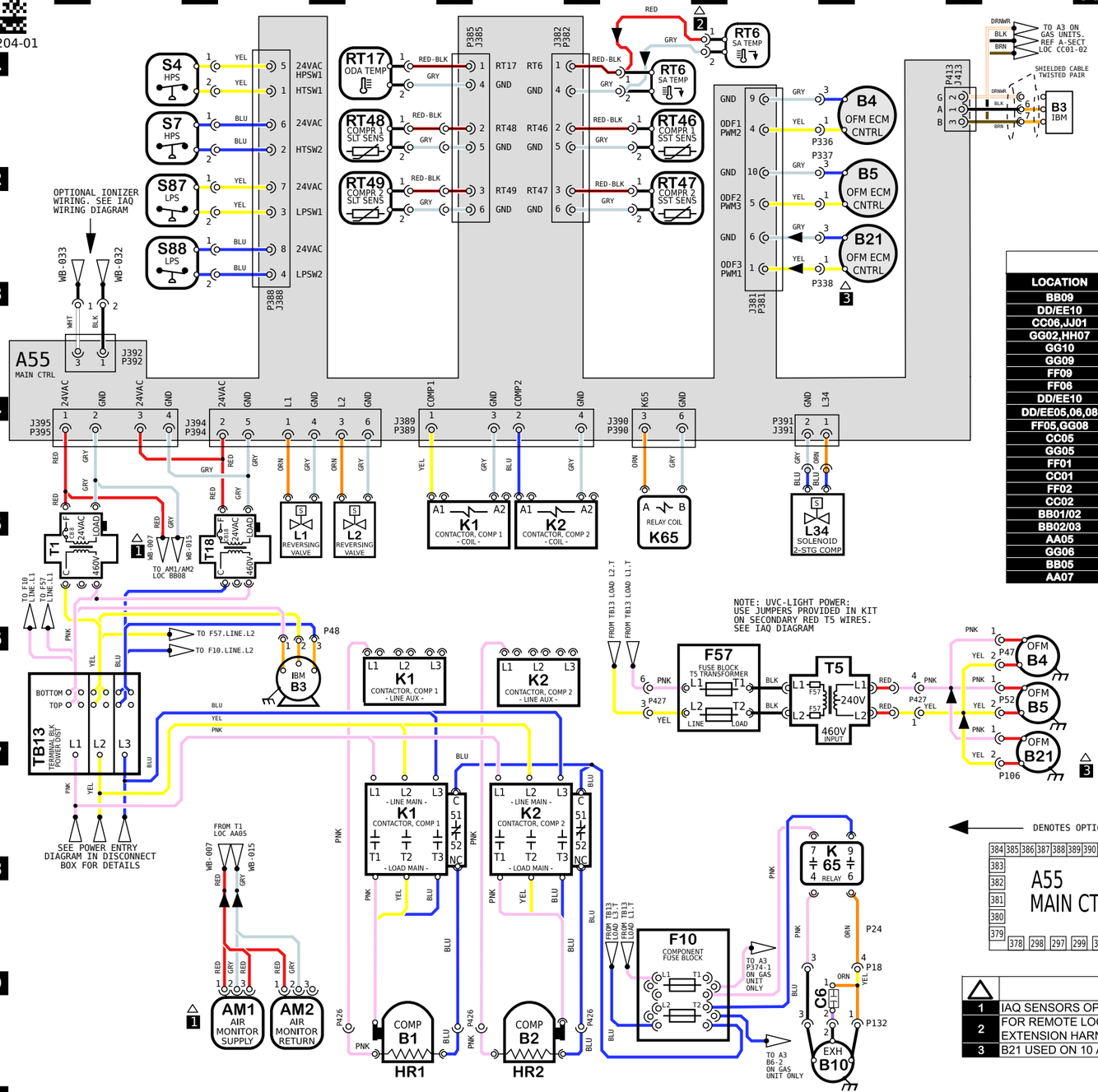
538204-01

AA BB CC DD EE FF GG HH JJ KK LL

01 02 03 04 05 06 07 08 09 10




## KEY LIST

| LOCATION | | COMPONENT DESCRIPTION |
|---|---|---|
| BB09 | AM1, AM2 | AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC |
| DD/EE10 | B1, B2 | COMPRESSOR 1, 2 |
| CC08,JJ01 | B3 | MOTOR, BLOWER |
| GG02,HH07 | B4, B5, B21 | MOTOR, OUTDOOR FAN 1, 2, 3 |
| GG10 | B10 | MOTOR, EXHAUST FAN 1 |
| GG09 | C6 | CAPACITOR, EXHAUST FAN 1 |
| FF09 | F10 | FUSE, COMPONENT |
| FF06 | F57 | FUSE, T5 TRANSFORMER |
| DD/EE10 | HR1, HR2 | HEATER, COMPRESSOR 1, 2 |
| DD/EE05,06,08 | K1, K2 | CONTACTOR, COMPRESSOR 1, 2 |
| FF05,GG08 | K65 | RELAY, EXHAUST FAN 1 |
| CC05 | L1, L2 | VALVE, REVERSING 1,2 |
| GG05 | L34 | SOLENOID, TWO STAGE, COMPRESSOR 1 |
| FF01 | RT6 | SENSOR, A55 DISCHARGE (IMC) |
| CC01 | RT17 | SENSOR, OUTSIDE AIR TEMP |
| FF02 | RT46, RT47 | SENSOR, SAT. SUCT TEMP., COMP 1, 2 |
| CC02 | RT48, RT49 | SENSOR, SAT. LIQUID TEMP., COMP 1, 2 |
| BB01/02 | S4, S7 | LIMIT, HI PRESS. SWITCH, COMP 1, 2 |
| BB02/03 | S87, S88 | SWITCH, LOW PRESS., COMP. 1, 2 |
| AA05 | T1 | TRANSFORMER, CONTROL |
| GG06 | T5 | TRANSFORMER, OUTDOOR FAN MOTOR |
| BB05 | T18 | TRANSFORMER, CONTACTOR |
| AA07 | TB13 | TERMINAL STRIP, POWER DISTRIBUTION |

## NOTES

| | |
|---|---|
| 1 | IAQ SENSORS OPTIONAL |
| 2 | FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS |
| 3 | B21 USED ON 10 AND 12.5-TON UNITS ONLY |

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WIRING DIAGRAM FLOW

| HEATING | COOLING | COOLING | ACCS | ACCS |
|---|---|---|---|---|
| SECTION A | SECTION B | SECTION B3 | SECTION C | SECTION D |

Product: LHT, LDT B Box - G VOLT
Heat Pump Diagram with Higher SCCR

Voltage: 460V/3~/60Hz (G)
Supersedes: XXXXXX-XX Form No: 538204-01 Rev: 0

10x12 CUT SIZE

| REV | EC NO. | DATE | BY | APVD | REVISION NOTE |
|---|---|---|---|---|---|
| --- | CN-010219 | 07-25-2022 | RXJ | JDH | ORIGINATED AT PD&R CARROLLTON, TX. |
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