



538206-01

01

02

03

04

05

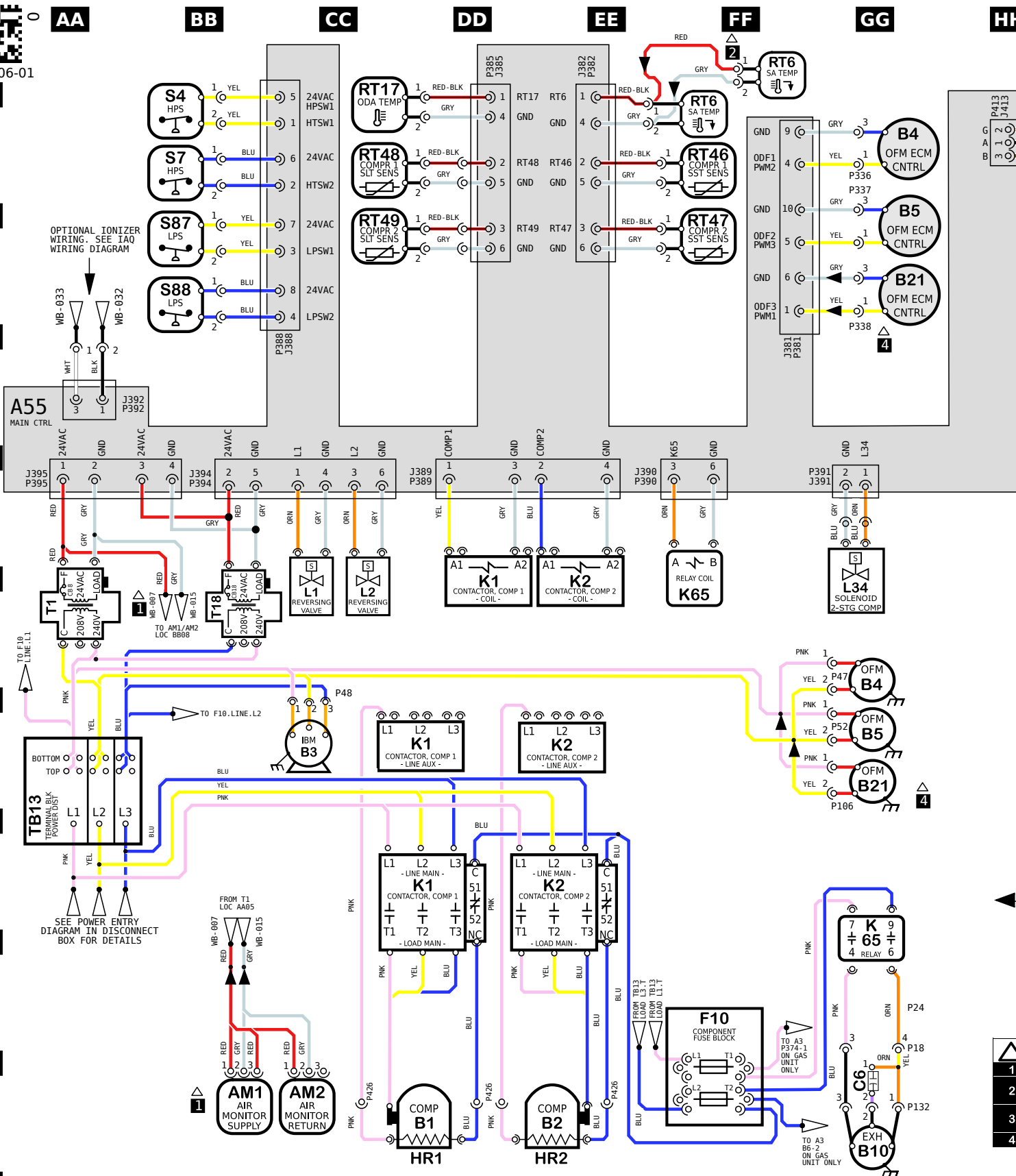
06

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

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.

← DENOTES OPTIONAL COMPONENTS AND WIRING

384	385	386	387	388	389	390	391	392	393	394	396	397	398
383											399		
382											400		
381											401		
380											402		
379											403		
	378	298	297	299	304						405	404	403

NOTES

- IAQ SENSORS OPTIONAL
- FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
- MOVE WIRES FROM 240 TO 208 TAP ON TRANSFORMER FOR 208 VOLT APPLICATIONS
- B21 USED ON 10 AND 12.5-TON UNITS ONLY

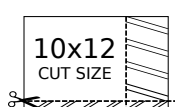
Product: LHT, LDT B Box - Y VOLT
 Heat Pump Diagram with Higher SCCR

Voltage: 208-230V/3~/60Hz (Y)
 Supersedes: XXXXX-XX Form No: 538206-01 Rev: 0

WIRING DIAGRAM FLOW

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

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

