

538366-02
01

02

03

04

05

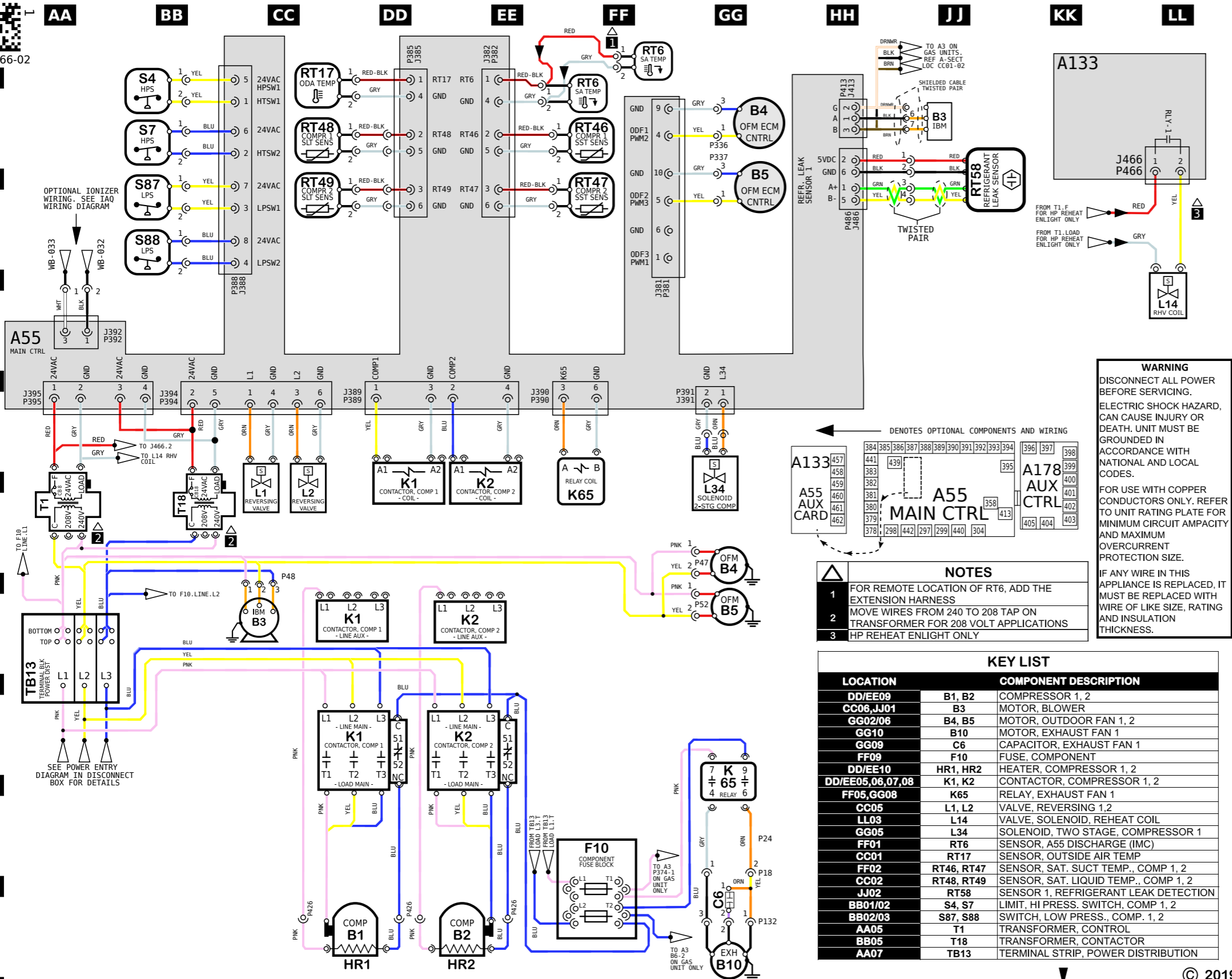
06

07

08

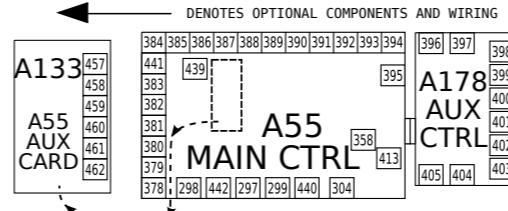
09

10



OPTIONAL IONIZER WIRING. SEE IAO WIRING DIAGRAM

SEE POWER ENTRY DIAGRAM IN DISCONNECT BOX FOR DETAILS



- NOTES**
- FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
 - MOVE WIRES FROM 240 TO 208 TAP ON TRANSFORMER FOR 208 VOLT APPLICATIONS
 - HP REHEAT ENLIGHT ONLY

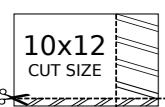
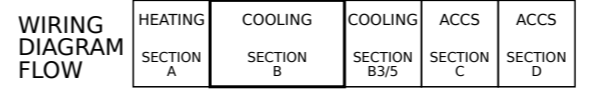
WARNING
DISCONNECT ALL POWER BEFORE SERVICING.
ELECTRIC SHOCK HAZARD, CAN CAUSE INJURY OR DEATH. UNIT MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL AND LOCAL CODES.
FOR USE WITH COPPER CONDUCTORS ONLY. REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.
IF ANY WIRE IN THIS APPLIANCE IS REPLACED, IT MUST BE REPLACED WITH WIRE OF LIKE SIZE, RATING AND INSULATION THICKNESS.

KEY LIST

LOCATION	COMPONENT DESCRIPTION
DD/EE09	B1, B2 COMPRESSOR 1, 2
CC06, JJ01	B3 MOTOR, BLOWER
GG02/06	B4, B5 MOTOR, OUTDOOR FAN 1, 2
GG10	B10 MOTOR, EXHAUST FAN 1
GG08	C6 CAPACITOR, EXHAUST FAN 1
FF09	F10 FUSE, COMPONENT
DD/EE10	HR1, HR2 HEATER, COMPRESSOR 1, 2
DD/EE05, 06, 07, 08	K1, K2 CONTACTOR, COMPRESSOR 1, 2
FF05, GG08	K65 RELAY, EXHAUST FAN 1
CC05	L1, L2 VALVE, REVERSING 1,2
LL03	L14 VALVE, SOLENOID, REHEAT COIL
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
JJ02	RT58 SENSOR 1, REFRIGERANT LEAK DETECTION
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
BB05	T18 TRANSFORMER, CONTACTOR
AA07	TB13 TERMINAL STRIP, POWER DISTRIBUTION

Product: LHT, LDT B Box - Y VOLT 078-120
Heat Pump Diagram with Higher SCCR

Voltage: 208-230V/3~/60Hz (Y)
Supersedes: 538366-01 Form No: 538366-02 Rev: 1



REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-013678	01-27-2026	FEP	MCF	ORIGINATED AT PD&R CARROLLTON, TX
001	CN-013678D	05-15-2026	FEP	MCF	UPDATED L14 CONNECTION DUE TO UPDATED HARNESS

