



538368-02

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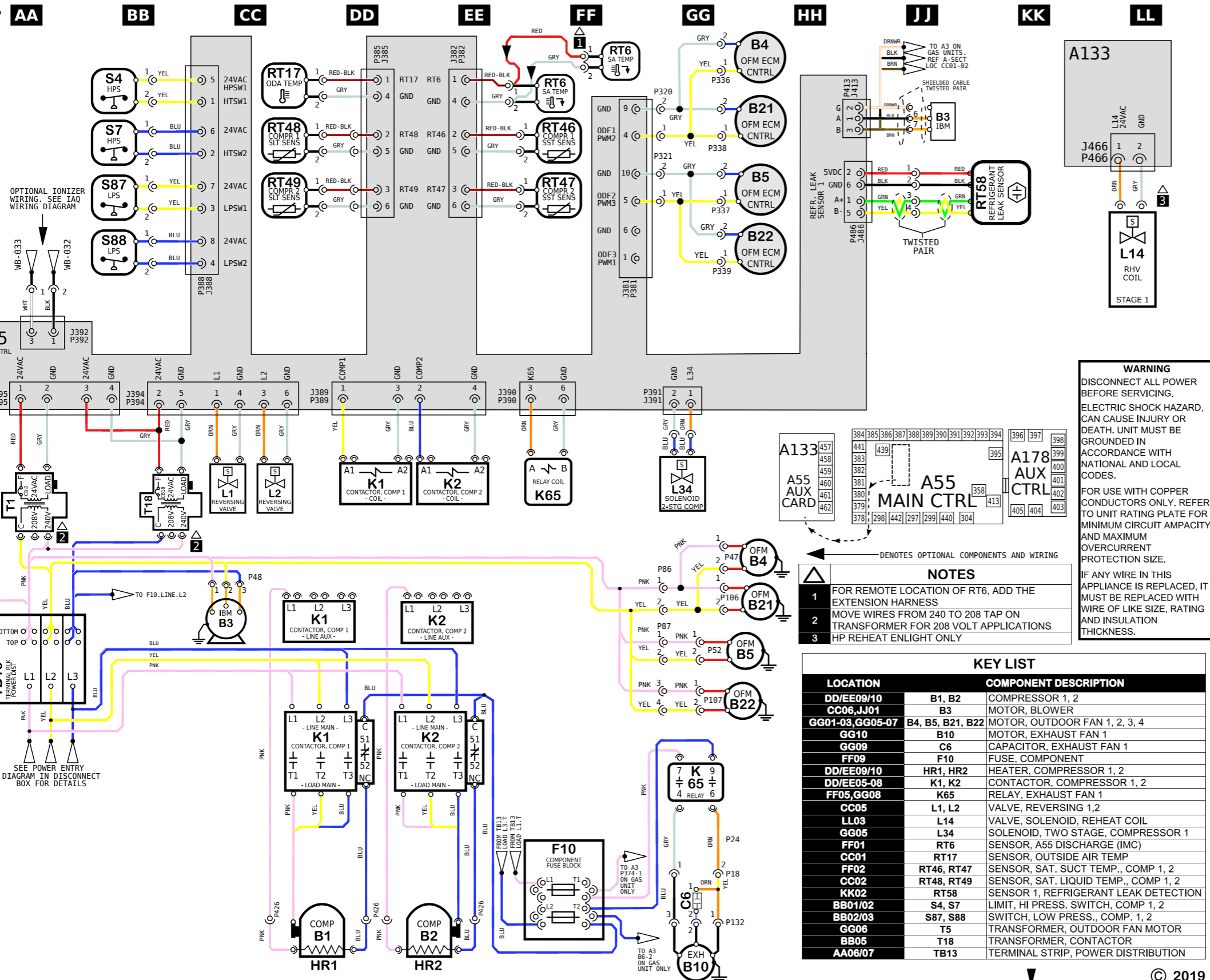
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OPTIONAL IONIZER WIRING - SEE IAO WIRING DIAGRAM

SEE POWER ENTRY DIAGRAM IN DISCONNECT BOX FOR DETAILS

MAIN CTRL

TO F10 LINE L1

TO F10 LINE L2

FROM TB13 LOAD L1, L2, L3

TO A3 P374-1 ON GAS UNIT ONLY

TO A3 B3-2 ON GAS UNIT ONLY

TO A3 ON GAS UNITS. REF A-SECT LOC CC01-02

SHIELDED CABLE TWISTED PAIR

STAGE 1

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.

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

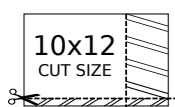
KEY LIST

LOCATION	COMPONENT DESCRIPTION
DD/EE09/10	B1, B2 COMPRESSOR 1, 2
CC06, JJ01	B3 MOTOR, BLOWER
GG01-03, GG05-07	B4, B5, B21, B22 MOTOR, OUTDOOR FAN 1, 2, 3, 4
GG10	B10 MOTOR, EXHAUST FAN 1
GG09	C6 CAPACITOR, EXHAUST FAN 1
FF09	F10 FUSE, COMPONENT
DD/EE09/10	HR1, HR2 HEATER, COMPRESSOR 1, 2
DD/EE05-08	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
KK02	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
GG06	T5 TRANSFORMER, OUTDOOR FAN MOTOR
BB05	T18 TRANSFORMER, CONTACTOR
AA06/07	TB13 TERMINAL STRIP, POWER DISTRIBUTION

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WIRING DIAGRAM FLOW

HEATING	COOLING	COOLING	ACCS	ACCS
SECTION A	SECTION B	SECTION B3/5	SECTION C	SECTION D



REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-013678	01-20-2026	FEP	MCF	ORIGINATED AT PD&R CARROLLTON, TX



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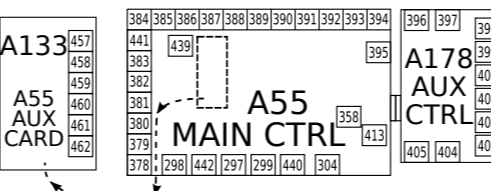
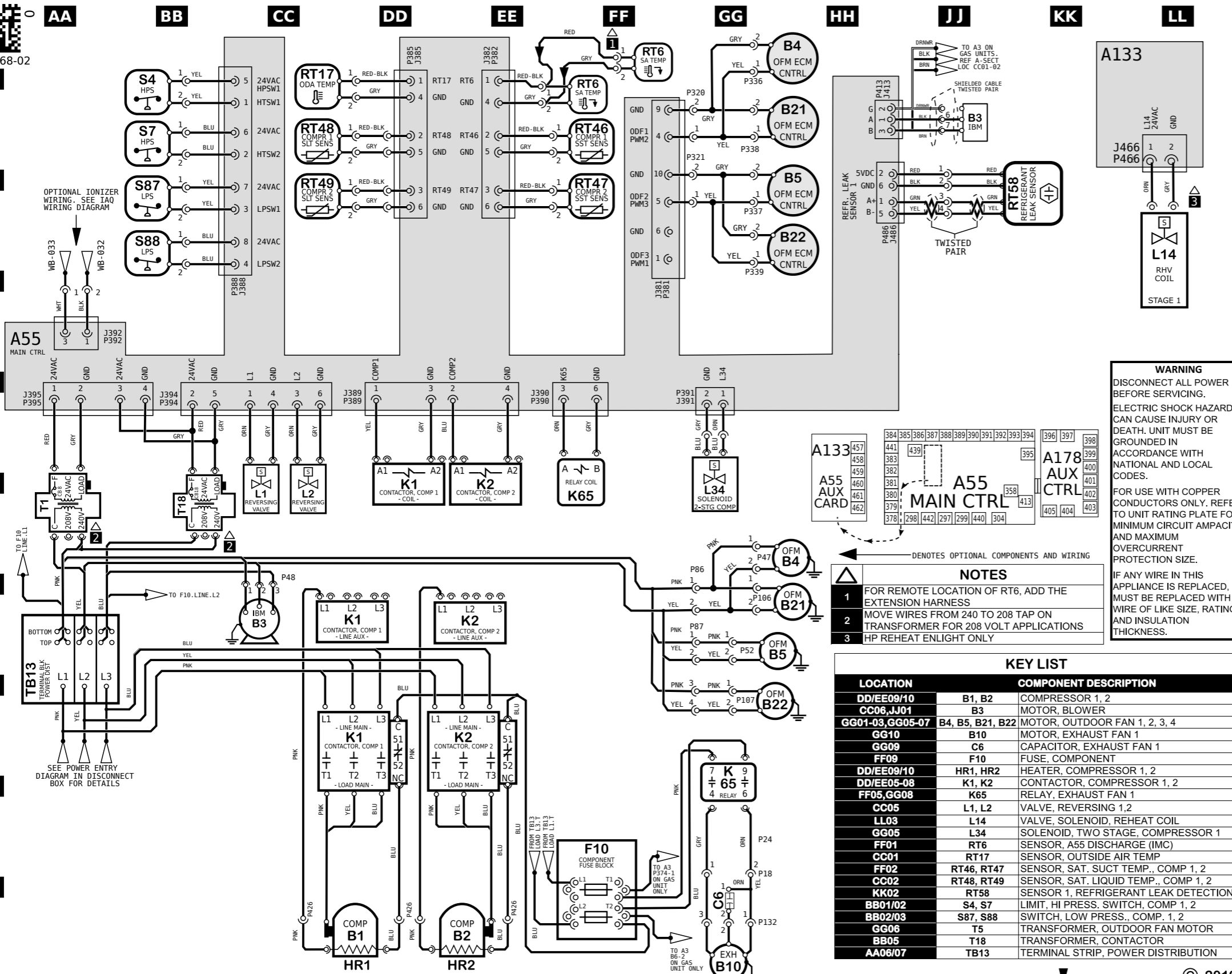
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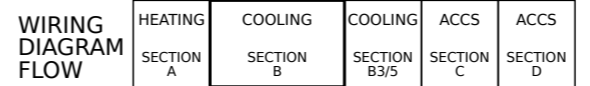
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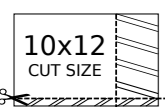
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Product: LHT, LDT B Box - Y VOLT 152  
 Heat Pump Diagram with Higher SCCR

Voltage: 208-230V/3~/60Hz (Y)  
 Supersedes: 538368-0... Form No: 538368-02 Rev: 0



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