



538356-01

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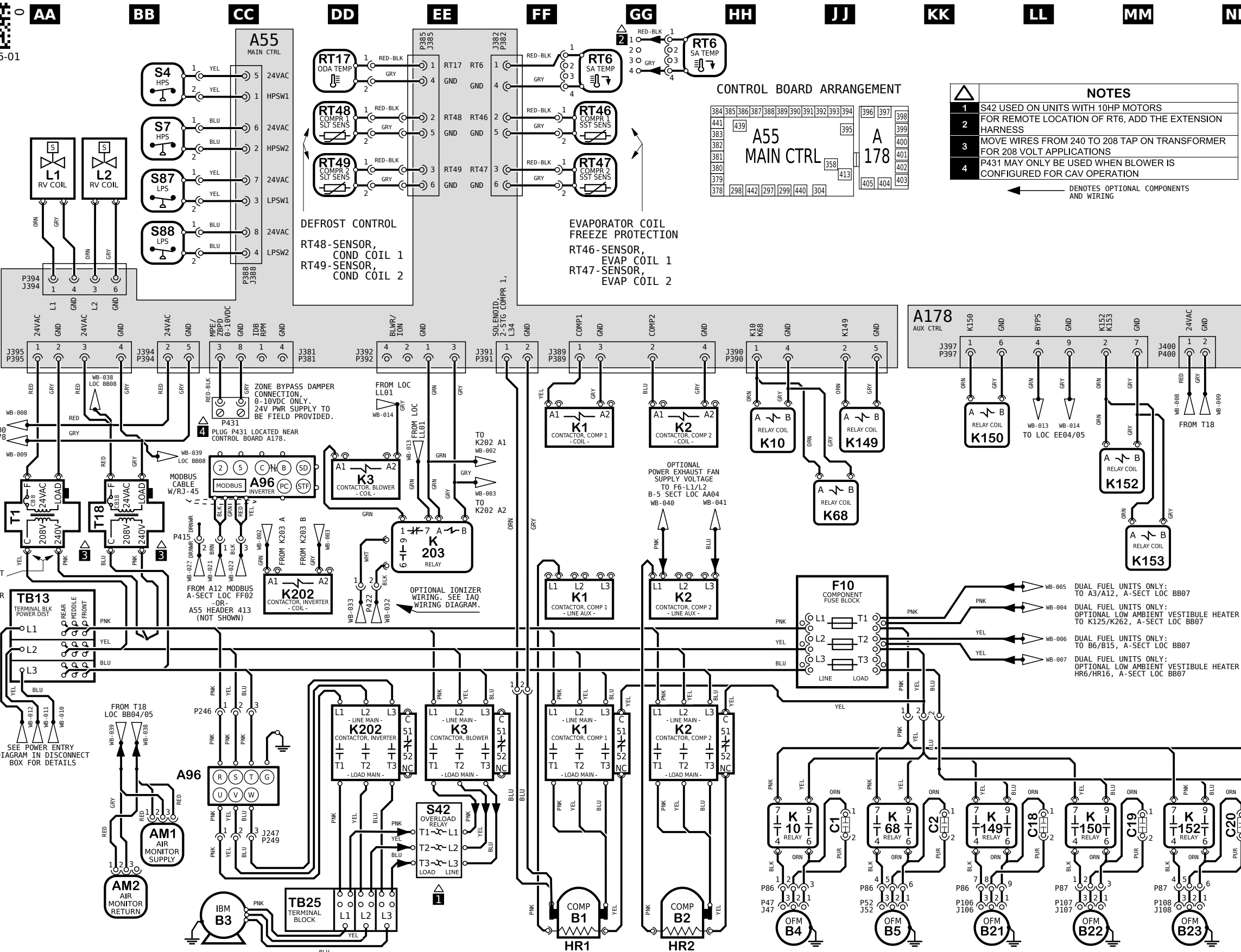
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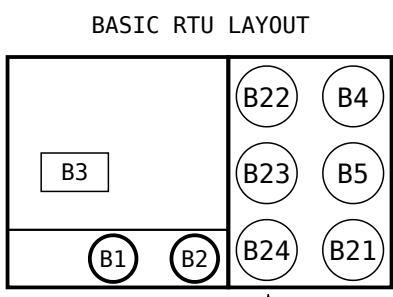
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KEY LIST		
LOCATION	COMPONENT DESCRIPTION	
CC05,08	A96	CONTROL INVERTER, BLOWER
BB09,10	AM1, AM2	AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC
FF/GG10	B1, B2	COMPRESSOR 1, 2
DD10	B3	MOTOR, BLOWER
HH10, JJ10 LL10, MM10 NN10, PP10	B4, B5, B21, B22, B23, B24	MOTOR, OUTDOOR FAN 1, 2 MOTOR, OUTDOOR FAN 3, 4 MOTOR, OUTDOOR FAN 5, 6
JJ/KK/LL/ MM/NN/PP09	C1, C2, C18, C19, C20, C21	CAPACITOR, OUTDOOR FAN 1, 2, 3, 4, 5, 6
JJ07	F10	FUSE, COMPONENT
FF/GG10	HR1, HR2	HEATER, COMPRESSOR 1, 2
FF/GG05,06,08	K1, K2	CONTACTOR, COMPRESSOR 1, 2
DD05, EE08	K3	CONTACTOR, BLOWER
HH/JJ/KK05,09 LL/MM/NN 05,06,09	K10, K68, K149, K150, K152, K153	RELAY, OUTDOOR FAN 1, 2, 3 RELAY, OUTDOOR FAN 4, 5, 6
CC06, DD08	K202	CONTACTOR, INVERTER
EE06	K203	RELAY, INVERTER CONTROL
AA/BB02	L1, L2	VALVE, REVERSING, SOLENOID
GG01	RT6	SENSOR, A55 DISCHARGE (IMC)
DD01	RT17	SENSOR, OUTSIDE AIR TEMP
FF01/02	RT46, RT47	SENSOR, SAT. SUCT TEMP., COMP 1, 2
DD01/02	RT48, RT49	SENSOR, SAT. LIQUID TEMP., COMP 1, 2
BB01/02	S4, S7	LIMIT, HI PRESS. SWITCH, COMP 1, 2
EE09	S42	OVERLOAD, RELAY, BLOWER MOTOR
BB02/03	S87, S88	SWITCH, LOW PRESS., COMP. 1, 2
AA08	T1	TRANSFORMER, CONTROL
BB06	T18	TRANSFORMER, CONTACTOR
AA07	TB13	TERMINAL STRIP, POWER DISTRIBUTION

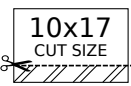
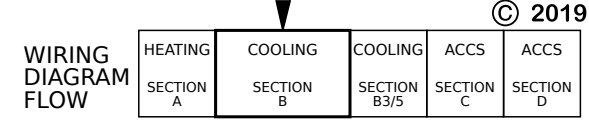
NOTES	
1	S42 USED ON UNITS WITH 10HP MOTORS
2	FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
3	MOVE WIRES FROM 240 TO 208 TAP ON TRANSFORMER FOR 208 VOLT APPLICATIONS
4	P431 MAY ONLY BE USED WHEN BLOWER IS CONFIGURED FOR CAV OPERATION



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: LHT, LDT 302 - Y-VOLT
COOLING - MSAV - WITH BYPASS

Voltage: 208-240V/3~60Hz (Y)
Supersedes: N/A Form No: 538356-01 Rev: 0



REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-012295C	04-03-2024	RV	MXT5	ORIGINATED AT PD&R CARROLLTON, TX

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538356-01
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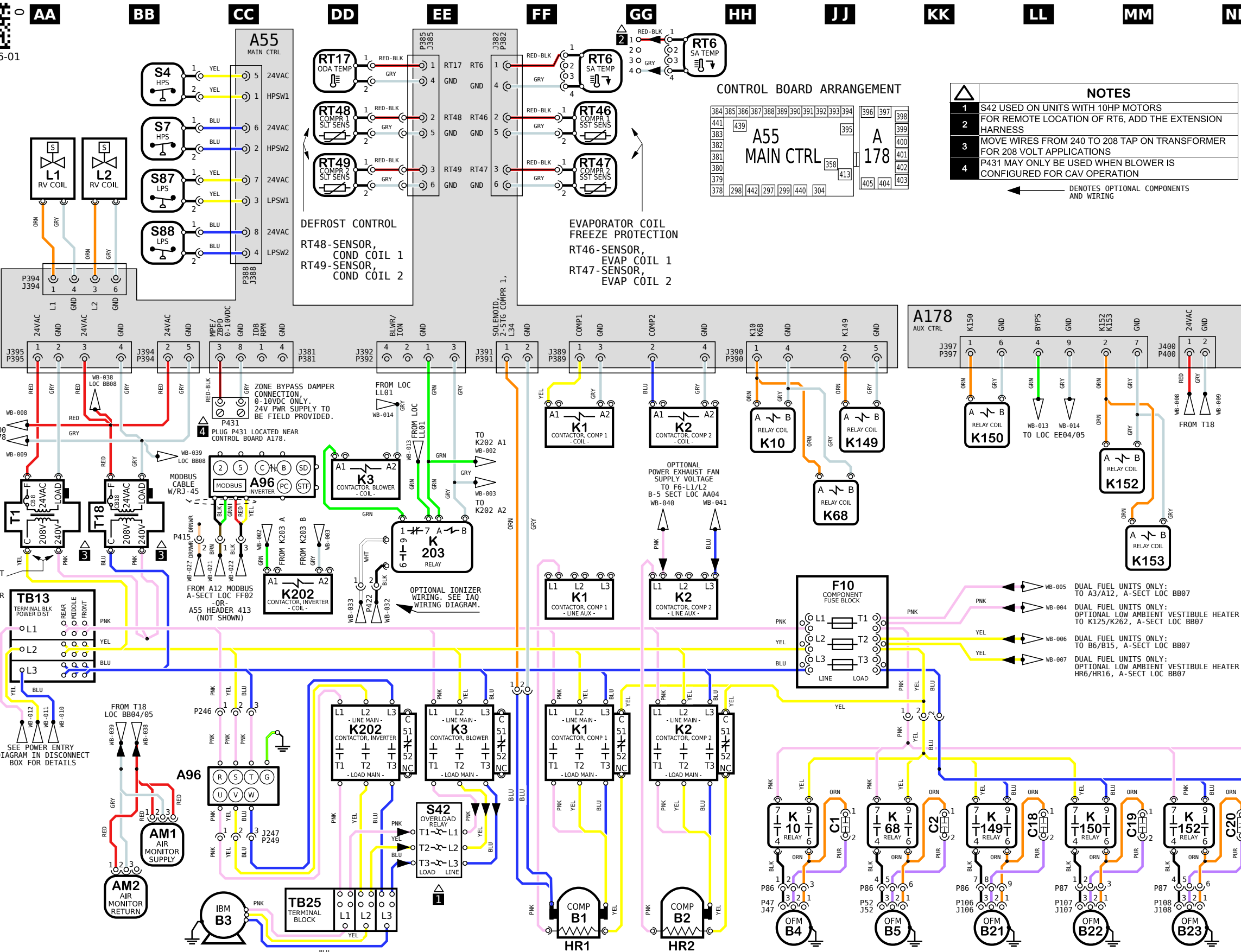
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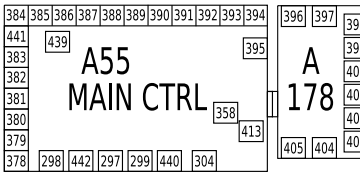
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CONTROL BOARD ARRANGEMENT

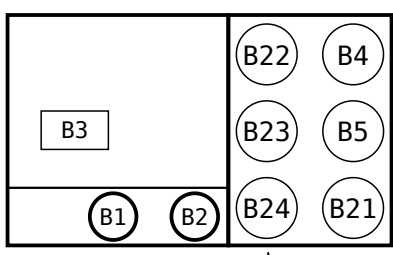


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← DENOTES OPTIONAL COMPONENTS AND WIRING

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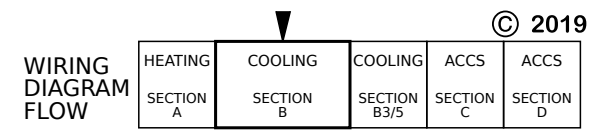
BASIC RTU LAYOUT



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10x17
CUT SIZE

REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-012295C	04-03-2024	RV	MXT5	ORIGINATED AT PD&R CARROLLTON, TX

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