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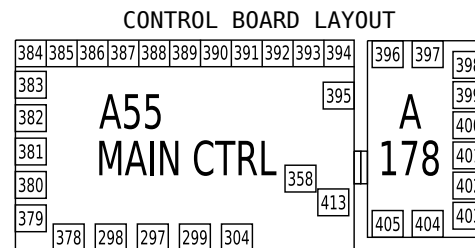
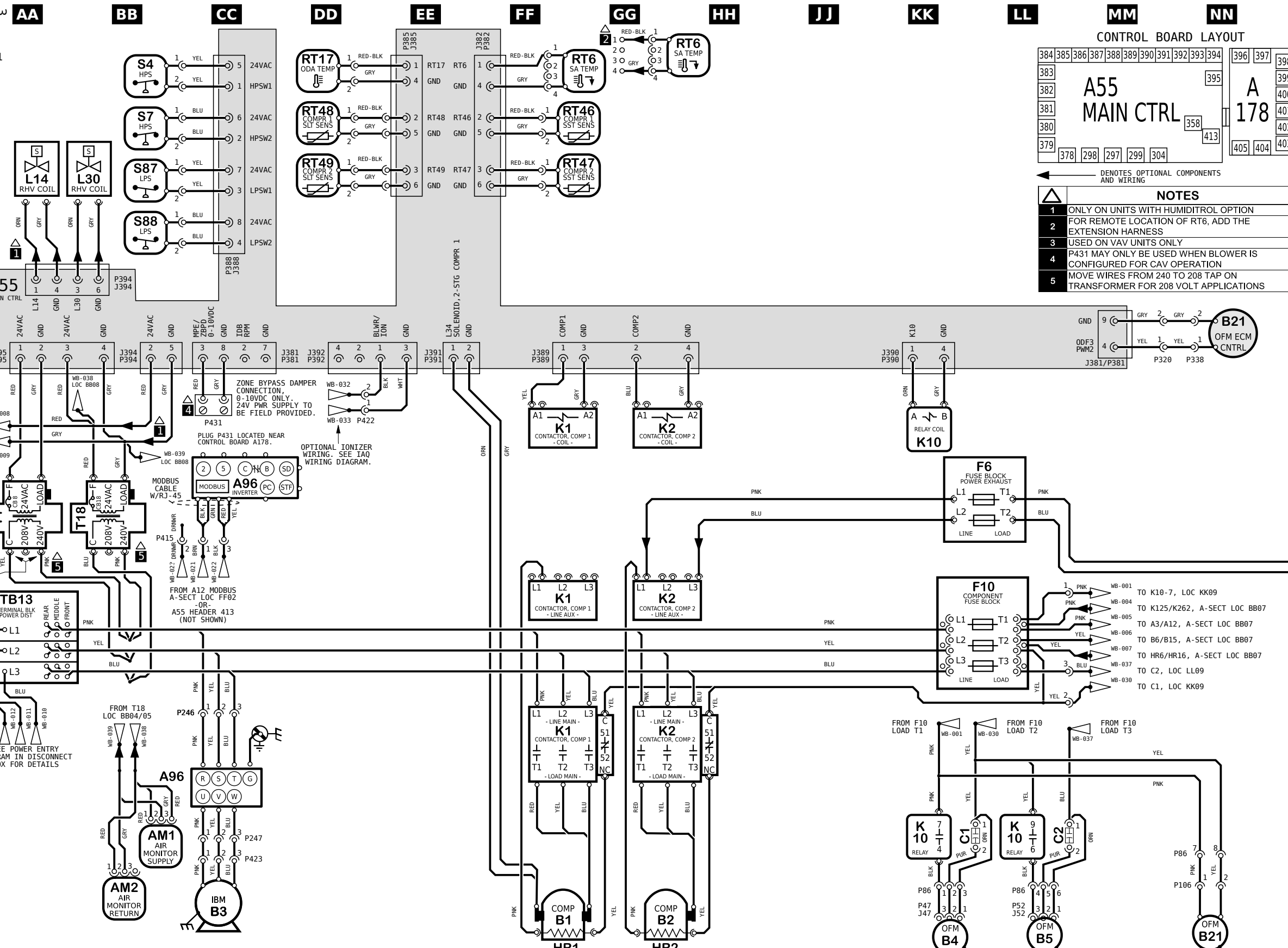
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- NOTES
- 1 ONLY ON UNITS WITH HUMIDITROL OPTION
  - 2 FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
  - 3 USED ON VAV UNITS ONLY
  - 4 P431 MAY ONLY BE USED WHEN BLOWER IS CONFIGURED FOR CAV OPERATION
  - 5 MOVE WIRES FROM 240 TO 208 TAP ON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

LOCATION	COMPONENT DESCRIPTION
SS06	A30 TRANSDUCER, SA DUCT PRESSURE
CC05/08	A96 CONTROL INVERTER, BLOWER
BB09	AM1, AM2 AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC
FF/GG10	B1, B2 COMPRESSOR 1, 2
DD10	B3 MOTOR, BLOWER
KK10, LL10 NN04/10	B4, B5 MOTOR, OUTDOOR FAN 1, 2
	B21 MOTOR, OUTDOOR FAN 3
QQ09	B10, B11 MOTOR, EXHAUST FAN 1, 2
KK09	C1 CAPACITOR, OUTDOOR FAN 1
LL09	C2 CAPACITOR, OUTDOOR FAN
QQ09	C6, C8 CAPACITOR, EXHAUST FAN 1, 2
LL05	F6 FUSE, EXHAUST FAN
LL07	F10 FUSE, COMPONENT
FF/GG10	HR1, HR2 HEATER, COMPRESSOR 1, 2
FF05,06,08	K1 CONTACTOR, COMPRESSOR 1
GG05,06,08	K2 CONTACTOR, COMPRESSOR 2
KK05/09	K10 RELAY, OUTDOOR FAN 1
QQ07	K65, K231 RELAY, EXHAUST FAN 1, 2
AA02	L14, L30 VALVE, SOLENOID, REHEAT COIL 1, 2
GG01	RT6 SENSOR, A55 DISCHARGE (IMC)
DD01	RT17 SENSOR, OUTSIDE AIR TEMP
GG02	RT46, RT47 SENSOR, SAT. SUCT TEMP., COMP 1, 2
DD02	RT48, RT49 SENSOR, SAT. LIQUID TEMP., COMP 1, 2
BB01/02	S4, S7 LIMIT, HI PRESS. SWITCH, COMP 1, 2
BB02	S87, S88 SWITCH, LOW PRESS., COMP. 1, 2
AA06	T1 TRANSFORMER, CONTROL
BB06	T18 TRANSFORMER, CONTACTOR
AA07	TB13 TERMINAL STRIP, POWER DISTRIBUTION

TO P400 ON A178

OPTIONAL IONIZER WIRING. SEE IAO WIRING DIAGRAM.

ZONE BYPASS DAMPER CONNECTION. 0-10VDC ONLY. 24V PWR SUPPLY TO BE FIELD PROVIDED.

PLUG P431 LOCATED NEAR CONTROL BOARD A178.

MODBUS CABLE W/RJ-45

FROM A12 MODBUS A-SECT LOC FF02 -OR- A55 HEADER 413 (NOT SHOWN)

FROM T18 LOC BB04/05

FROM F10 LOAD T1

FROM F10 LOAD T2

FROM F10 LOAD T3

UVC-LIGHT POWER: USE DUAL CONNECTOR PROVIDED IN KIT. SEE IAO DIAGRAM.

SEE POWER ENTRY DIAGRAM IN DISCONNECT BOX FOR DETAILS

WARNING

DISCONNECT ALL POWER BEFORE SERVICING.

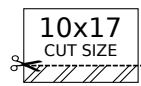
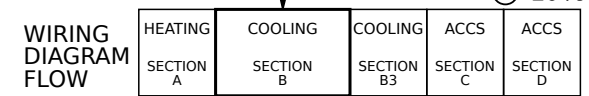
ELECTRIC SHOCK HAZARD. CAN CAUSE INJURY OR DEATH. UNIT MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL AND LOCAL CODES.

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: LGT, LCT 156H - Y-VOLT  
COOLING - MSAV NO BYPASS -OR- VAV - 2 COMPRESSORS 3 CONDENSER FANS

Voltage: 208-240V/3~60Hz (Y)  
Supersedes: N/A Form No: 538211-01 Rev: 3



REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-010356	06-14-2022	MXR6	JAL21	ORIGINATED AT PD&R CARROLLTON, TX
002	CN-010356L	09-12-2022	MXR6	JAL21	A) ADDED K10-6/-9 TO CONDENSER FAN SECTION. P86-7/-8 WAS P87-1/-2.
003	CN-010356P	11-01-2022	MXR6	JAL21	A) CHANGED CONTROL BOARD LAYOUT PICTORIAL TO INCLUDE A178.

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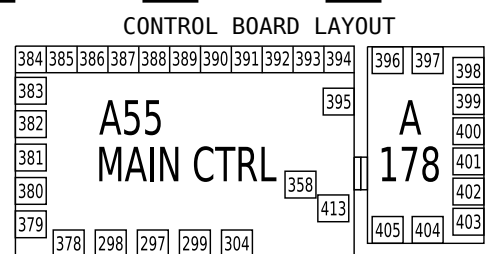
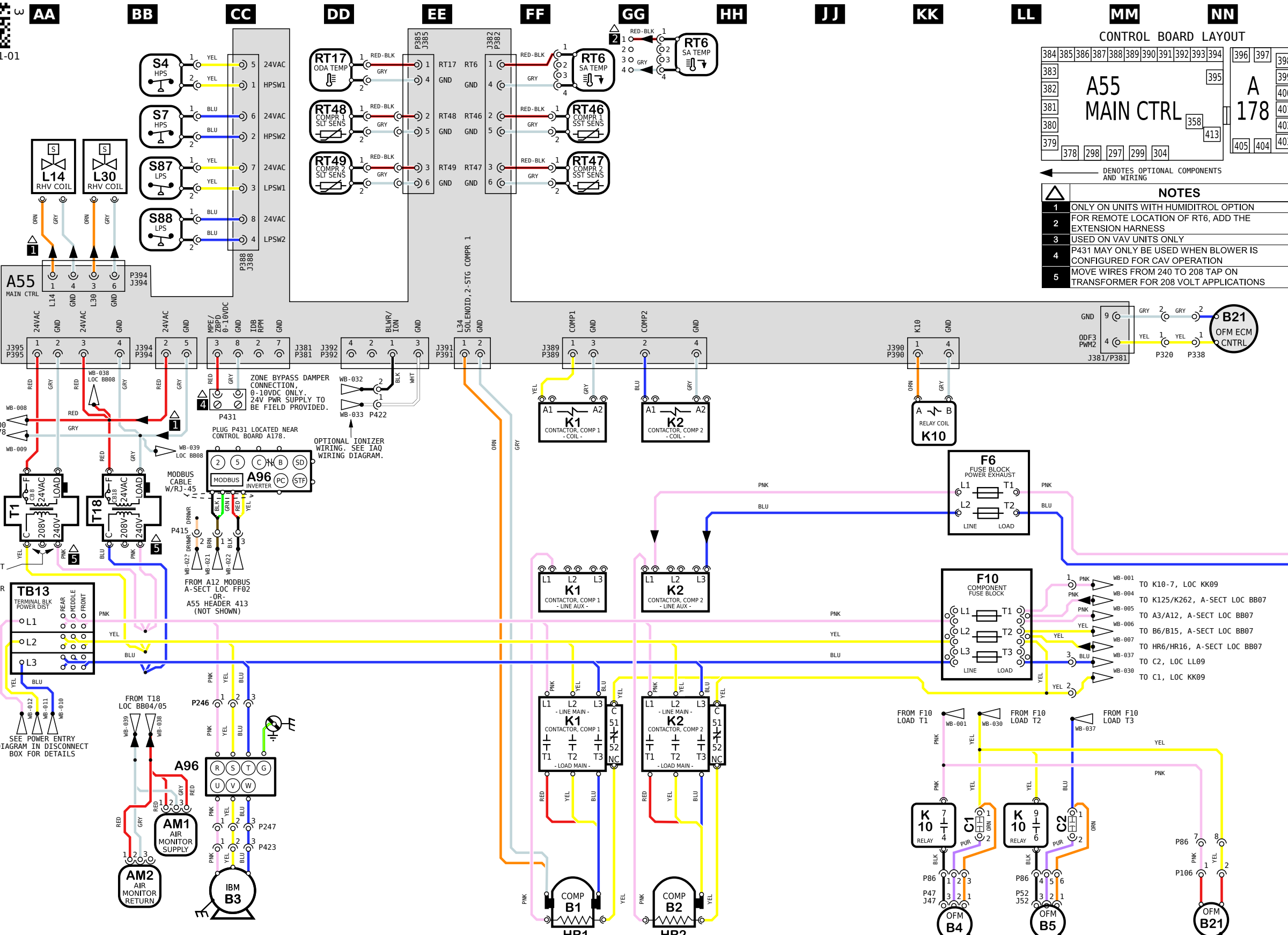
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HEATING	COOLING	COOLING	ACCS	ACCS
SECTION A	SECTION B	SECTION B3	SECTION C	SECTION D



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