



538209-01

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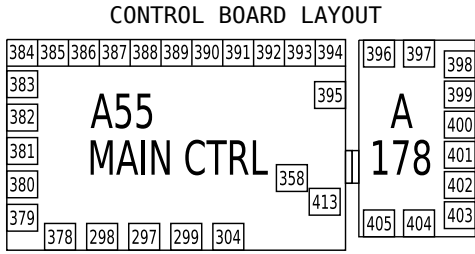
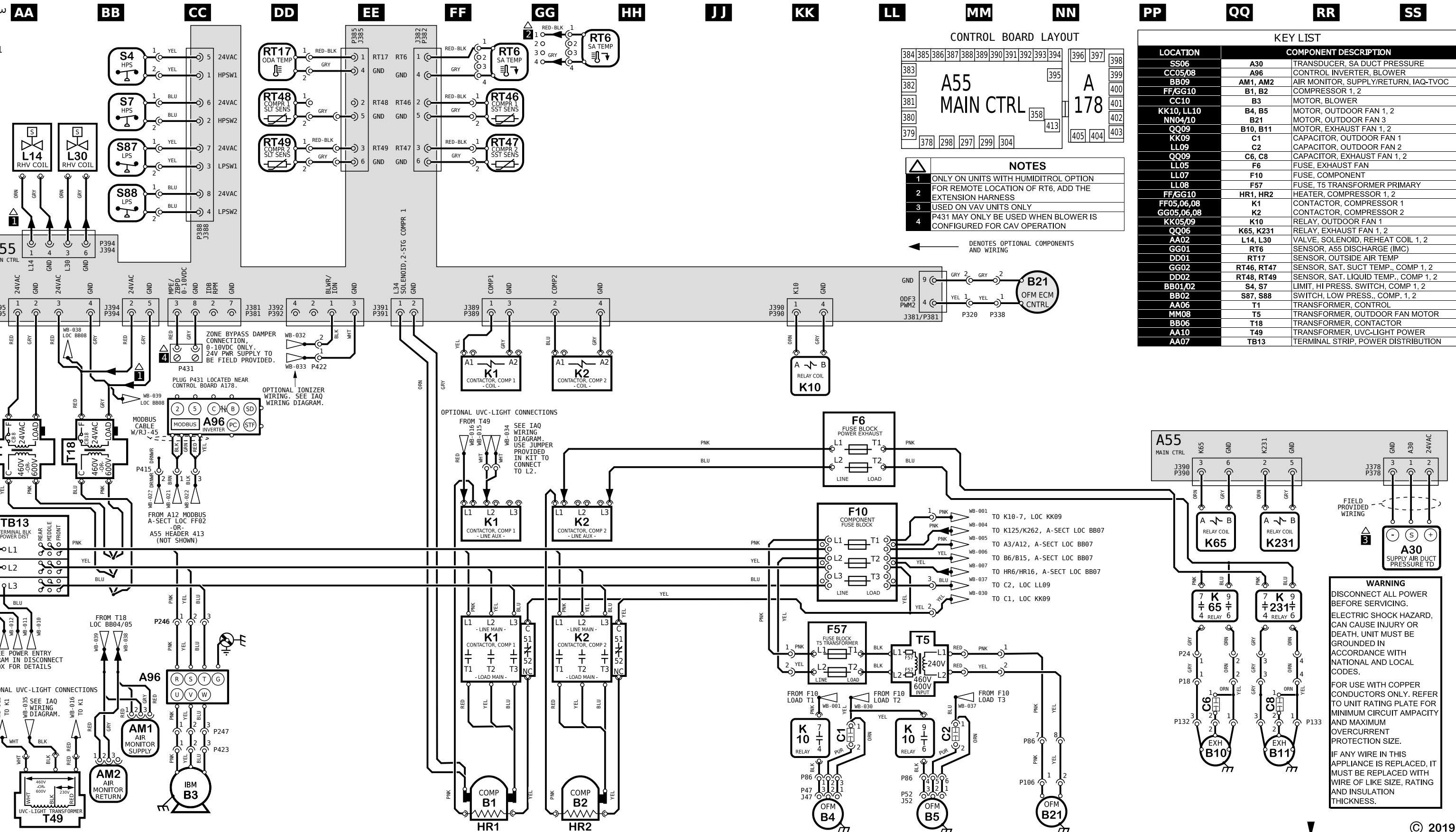
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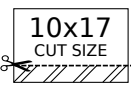
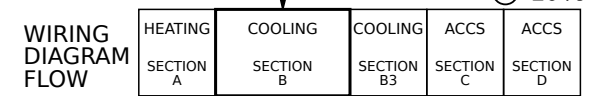
- NOTES**
- 1 ONLY ON UNITS WITH HUMIDITROL OPTION
 - 2 FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
 - 3 USED ON VAV UNITS ONLY
 - 4 P431 MAY ONLY BE USED WHEN BLOWER IS CONFIGURED FOR CAV OPERATION

← DENOTES OPTIONAL COMPONENTS AND WIRING

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/AG10	B1, B2 COMPRESSOR 1, 2
CC10	B3 MOTOR, BLOWER
KK10, LL10 NN04/10	B4, B5 MOTOR, OUTDOOR FAN 1, 2
QQ09	B21 MOTOR, OUTDOOR FAN 3
QQ09	B10, B11 MOTOR, EXHAUST FAN 1, 2
KK09	C1 CAPACITOR, OUTDOOR FAN 1
LL09	C2 CAPACITOR, OUTDOOR FAN 2
QQ09	C6, C8 CAPACITOR, EXHAUST FAN 1, 2
LL05	F6 FUSE, EXHAUST FAN
LL07	F10 FUSE, COMPONENT
LL08	F57 FUSE, T5 TRANSFORMER PRIMARY
FF/AG10	HR1, HR2 HEATER, COMPRESSOR 1, 2
FF05,06,08 GG05,06,08	K1 CONTACTOR, COMPRESSOR 1
GG05,06,08	K2 CONTACTOR, COMPRESSOR 2
KK05/09	K10 RELAY, OUTDOOR FAN 1
QQ06	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
MM08	T5 TRANSFORMER, OUTDOOR FAN MOTOR
BB06	T18 TRANSFORMER, CONTACTOR
AA10	T49 TRANSFORMER, UVC-LIGHT POWER
AA07	TB13 TERMINAL STRIP, POWER DISTRIBUTION

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

Voltage: 460V3~/60Hz (G), 575V3~/60Hz (J)
 Supersedes: N/A Form No: 538209-01 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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