



538215-01

01

02

03

04

05

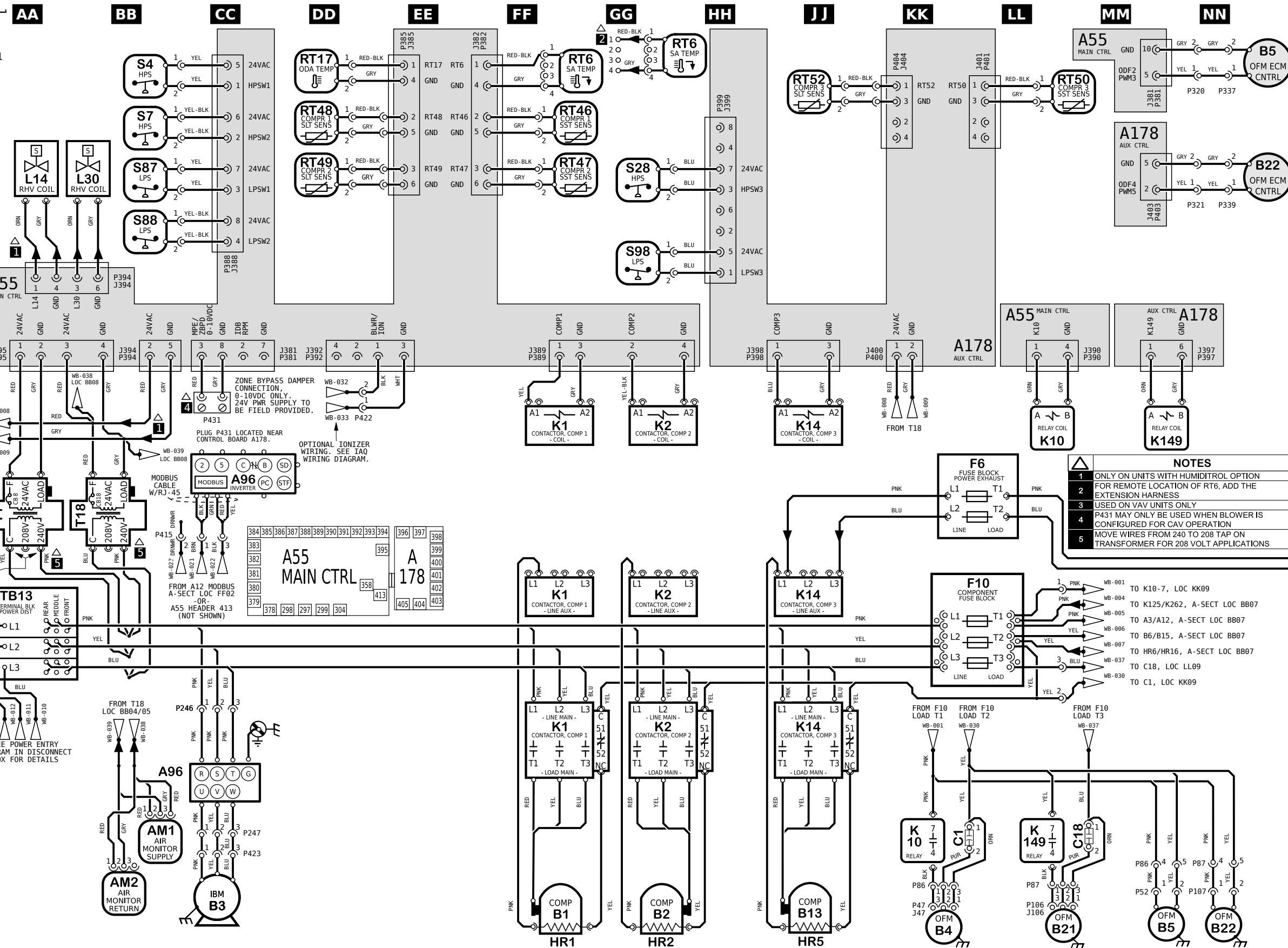
06

07

08

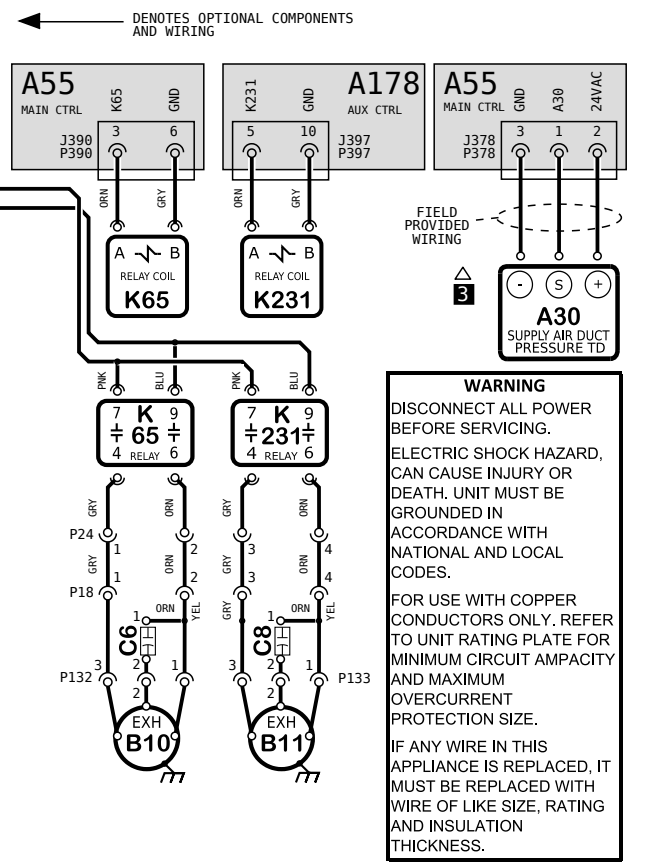
09

10



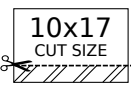
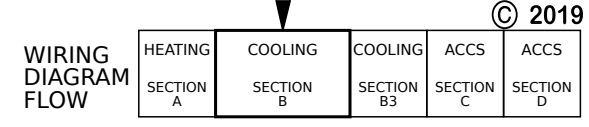
KEY LIST		
LOCATION	COMPONENT DESCRIPTION	
SS06	A30	TRANSDUCER, SA DUCT PRESSURE
CC05/08	A96	CONTROL INVERTER, BLOWER
BB09	AM1, AM2	AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC
FF/GG/JJ10	B1, B2, B13	COMPRESSOR 1, 2, 3
DD10	B3	MOTOR, BLOWER
KK10, PP01/NN10	B4, B5	MOTOR, OUTDOOR FAN 1, 2
LL10, PP02/NN10	B21, B22	MOTOR, OUTDOOR FAN 3, 4
QQ09	B10, B11	MOTOR, EXHAUST FAN 1, 2
KK09	C1	CAPACITOR, OUTDOOR FAN 1
LL09	C18	CAPACITOR, OUTDOOR FAN 3
QQ09	C6, C8	CAPACITOR, EXHAUST FAN 1, 2
LL05	F6	FUSE, EXHAUST FAN
LL07	F10	FUSE, COMPONENT
FF/GG/JJ10	HR1, HR2, HR5	HEATER, COMPRESSOR 1, 2, 3
FF05,06,08	K1	CONTACTOR, COMPRESSOR 1
GG/JJ05,06,08	K2, K14	CONTACTOR, COMPRESSOR 2, 3
LL05/KK09	K10	RELAY, OUTDOOR FAN 1
MM05/LL09	K149	RELAY, OUTDOOR FAN 3
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, MM01	RT46, RT47, RT50	SENSOR, SAT. SUCT TEMP., COMP 1, 2, 3
DD02, JJ01	RT48, RT49, RT52	SENSOR, SAT. LIQUID TEMP., COMP 1, 2, 3
BB01/02, GG02	S4, S7, S28	LIMIT, HI PRESS. SWITCH, COMP 1, 2, 3
BB02, GG03	S87, S88, S98	SWITCH, LOW PRESS., COMP. 1, 2, 3
AA06	T1	TRANSFORMER, CONTROL
BB06	T18	TRANSFORMER, CONTACTOR
AA07	TB13	TERMINAL STRIP, POWER DISTRIBUTION

- 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



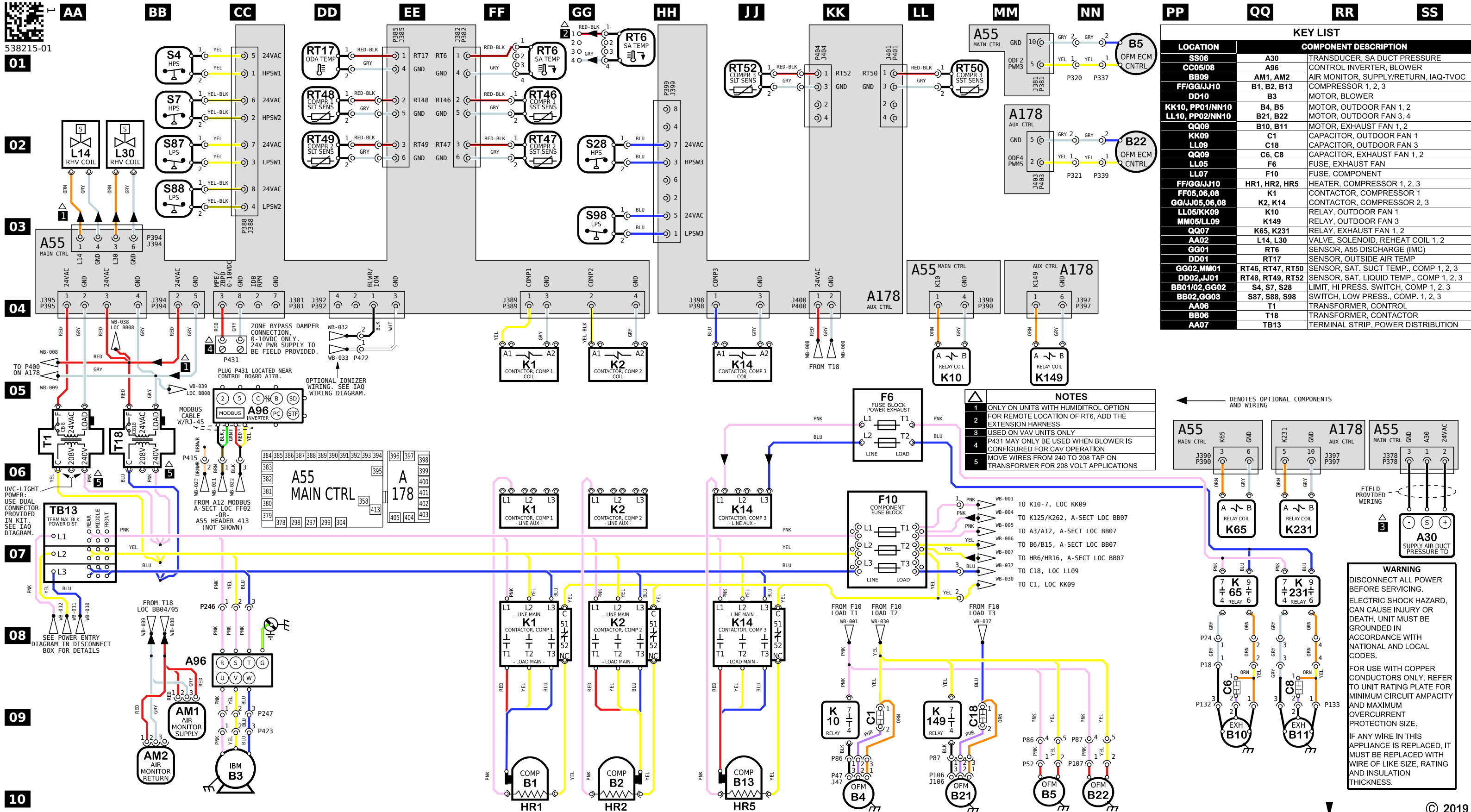
Model: LGT, LCT 180H - Y-VOLT
 COOLING - MSAV NO BYPASS -OR- VAV - 3 COMPRESSORS 4 CONDENSER FANS

Voltage: 208-240V/3~/60Hz (Y)
 Supersedes: N/A Form No: 538215-01 Rev: 1



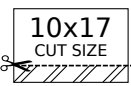
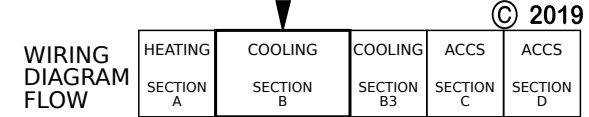
REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-010356	06-20-2022	MXR6	JAL21	ORIGINATED AT PD&R CARROLLTON, TX
001	CN-010356E	07-26-2022	MXR6	JAL21	A) REVERSED HIGH VOLTAGE WIRING ON T18 TRANSFORMER.

© 2019



Model: LGT, LCT 180H - Y-VOLT
COOLING - MSAV NO BYPASS -OR- VAV - 3 COMPRESSORS 4 CONDENSER FANS

Voltage: 208-240V/3~/60Hz (Y)
Supersedes: N/A Form No: 538215-01 Rev: 1



REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-010356	06-20-2022	MXR6	JAL21	ORIGINATED AT PD&R CARROLLTON, TX
001	CN-010356E	07-26-2022	MXR6	JAL21	A) REVERSED HIGH VOLTAGE WIRING ON T18 TRANSFORMER.