

538335-01
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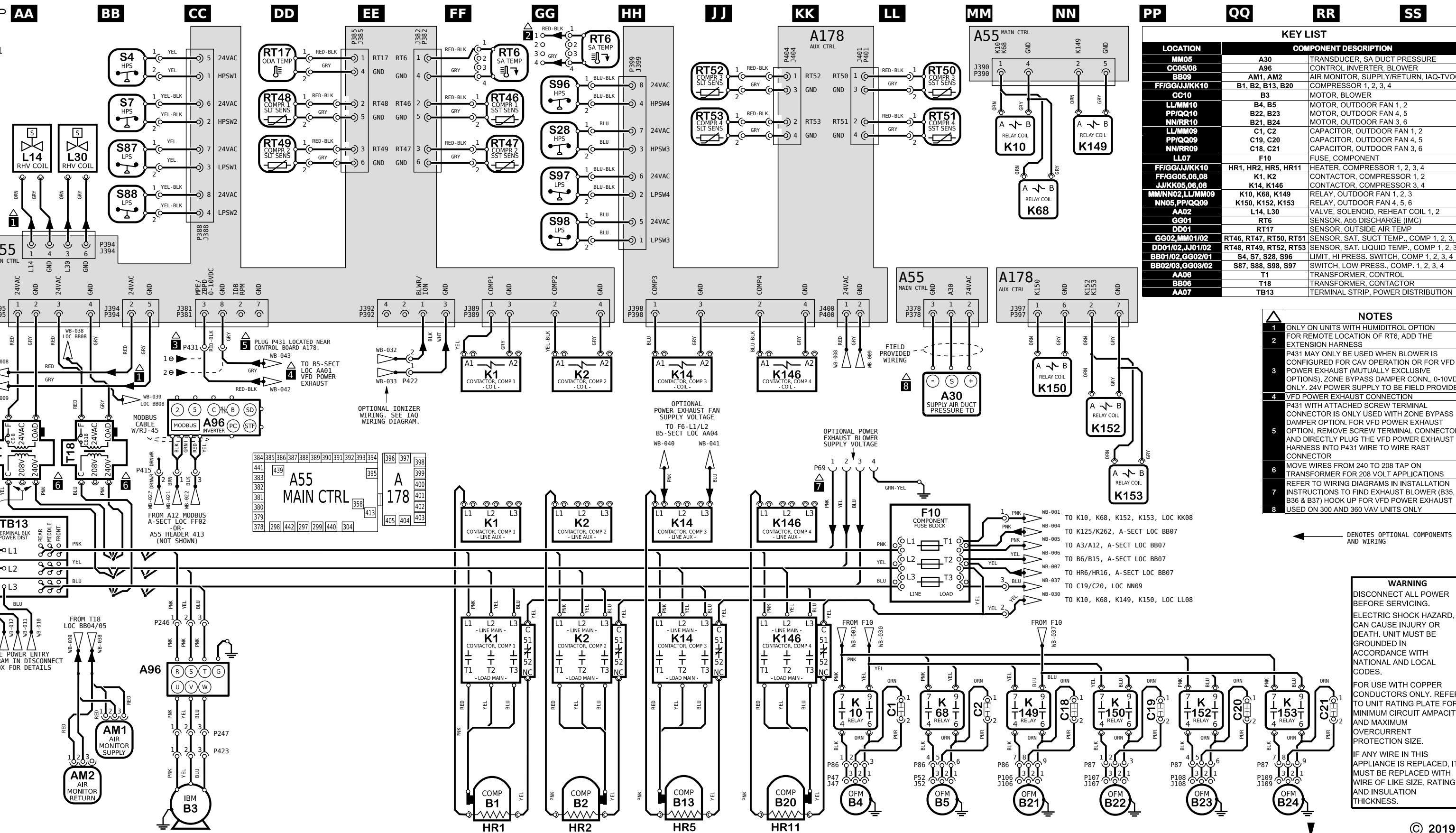
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KEY LIST		
LOCATION	COMPONENT DESCRIPTION	
MM05	A30	TRANSUCER, SA DUCT PRESSURE
CC05/08	A96	CONTROL INVERTER, BLOWER
BB09	AM1, AM2	AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC
FF/GG/JJ/KK10	B1, B2, B13, B20	COMPRESSOR 1, 2, 3, 4
CC10	B3	MOTOR, BLOWER
LL/MM10	B4, B5	MOTOR, OUTDOOR FAN 1, 2
PP/QQ10	B22, B23	MOTOR, OUTDOOR FAN 4, 5
NN/RR10	B21, B24	MOTOR, OUTDOOR FAN 3, 6
LL/MM09	C1, C2	CAPACITOR, OUTDOOR FAN 1, 2
PP/QQ09	C19, C20	CAPACITOR, OUTDOOR FAN 4, 5
NN/RR09	C18, C21	CAPACITOR, OUTDOOR FAN 3, 6
LL07	F10	FUSE, COMPONENT
FF/GG/JJ/KK10	HR1, HR2, HR5, HR11	HEATER, COMPRESSOR 1, 2, 3, 4
FF/GG05,08,08	K1, K2	CONTACTOR, COMPRESSOR 1, 2
JJ/KK05,08,08	K14, K146	CONTACTOR, COMPRESSOR 3, 4
MM/NN02,LL/MM09	K10, K68, K149	RELAY, OUTDOOR FAN 1, 2, 3
NN05,PP/QQ09	K150, K152, K153	RELAY, OUTDOOR FAN 4, 5, 6
AA02	L14, L30	VALVE, SOLENOID, REHEAT COIL 1, 2
GG01	RT6	SENSOR, A55 DISCHARGE (IMC)
DD01	RT17	SENSOR, OUTSIDE AIR TEMP
GG02,MM01/02	RT46, RT47, RT50, RT51	SENSOR, SAT. SUCT TEMP., COMP 1, 2, 3, 4
DD01/02, JJ01/02	RT48, RT49, RT52, RT53	SENSOR, SAT. LIQUID TEMP., COMP 1, 2, 3, 4
BB01/02, GG02/01	S4, S7, S28, S96	LIMIT, HI PRESS. SWITCH, COMP 1, 2, 3, 4
BB02/03, GG03/02	S87, S88, S98, S97	SWITCH, LOW PRESS., COMP. 1, 2, 3, 4
AA06	T1	TRANSFORMER, CONTROL
BB06	T18	TRANSFORMER, CONTACTOR
AA07	TB13	TERMINAL STRIP, POWER DISTRIBUTION

- NOTES**
- ONLY ON UNITS WITH HUMIDITROL OPTION
 - FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
 - P431 MAY ONLY BE USED WHEN BLOWER IS CONFIGURED FOR CAV OPERATION OR FOR VFD POWER EXHAUST (MUTUALLY EXCLUSIVE OPTIONS). ZONE BYPASS DAMPER CONN., 0-10VDC ONLY. 24V POWER SUPPLY TO BE FIELD PROVIDED
 - VFD POWER EXHAUST CONNECTION
P431 WITH ATTACHED SCREW TERMINAL CONNECTOR IS ONLY USED WITH ZONE BYPASS DAMPER OPTION. FOR VFD POWER EXHAUST OPTION, REMOVE SCREW TERMINAL CONNECTOR AND DIRECTLY PLUG THE VFD POWER EXHAUST HARNESS INTO P431 WIRE TO WIRE RAST CONNECTOR
 - MOVE WIRES FROM 240 TO 208 TAP ON TRANSFORMER FOR 208 VOLT APPLICATIONS
 - REFER TO WIRING DIAGRAMS IN INSTALLATION INSTRUCTIONS TO FIND EXHAUST BLOWER (B35, B36 & B37) HOOK UP FOR VFD POWER EXHAUST
 - USED ON 300 AND 360 VAV UNITS ONLY

← DENOTES OPTIONAL COMPONENTS AND WIRING

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 302, 360 - Y-VOLT
COOLING - MSAV NO BYPASS -OR- VAV

Voltage: 208-240V/3~/60Hz (Y)
Supersedes: N/A Form No: 538335-01 Rev: 0

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HEATING SECTION A	COOLING SECTION B	COOLING SECTION B3/5	ACCS SECTION C	ACCS SECTION D
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10x17 CUT SIZE

REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-012295C	04-02-2024	MXR6	MXT5	ORIGINATED AT PD&R CARROLLTON, TX

