



538363-01

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Model: LHX 180S, 240S - G, J, Y-VOLT
MSAV 2 COMPRESSORS 4 CONDENSER FANS

Voltage: 460V/3~60Hz (G), 575V/3~60Hz (J), 208-240V/3~60Hz (Y)
Supersedes: XXXXXX-XX Form No: 538363-01 Rev: 0

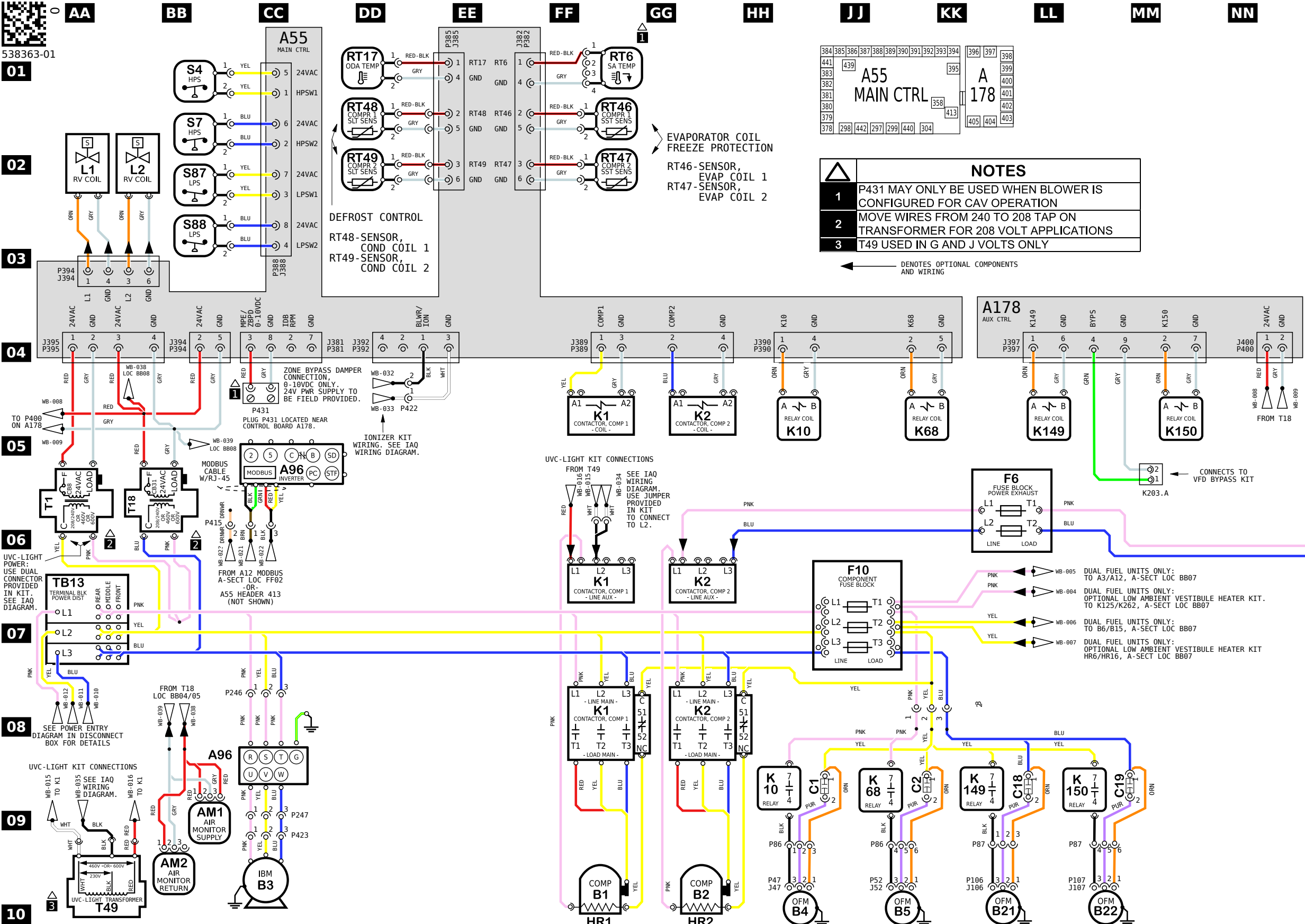
10x17
CUT SIZE

REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-012404E	04-24-2024	DEV	JAL21	ORIGINATED AT PD&R CARROLLTON, TX

KEY LIST		
LOCATION	COMPONENT DESCRIPTION	
CC05/08	A96	CONTROL INVERTER, BLOWER
BB09	AM1, AM2	AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC
FF/GG10	B1, B2	COMPRESSOR 1, 2
CC10	B3	MOTOR, BLOWER
HH/JJ10	B4, B5	MOTOR, OUTDOOR FAN 1, 2
KK/LL10	B21, B22	MOTOR, OUTDOOR FAN 3, 4
QQ09	B10, B11	MOTOR, EXHAUST FAN 1, 2
JJ/KK09	C1, C2	CAPACITOR, OUTDOOR FAN 1, 2
LL/MM09	C18, C19	CAPACITOR, OUTDOOR FAN 3, 4
QQ09	C6, C8	CAPACITOR, EXHAUST FAN 1, 2
LL06	F6	FUSE, EXHAUST FAN
JJ07	F10	FUSE, COMPONENT
FF/GG10	HR1, HR2	HEATER, COMPRESSOR 1, 2
FF/GG05,06,08	K1, K2	CONTACTOR, COMPRESSOR 1, 2
HH/JJ09	K10, K68	RELAY, OUTDOOR FAN 1, 2
KK/LL09	K149, K150	RELAY, OUTDOOR FAN 3, 4
QQ07	K65, K231	RELAY, EXHAUST FAN 1, 2
AA02	L1, L2	VALVE, REVERSING, SOLENOID
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
BB02/03	S87, S88	SWITCH, LOW PRESS., COMP. 1, 2
AA06	T1	TRANSFORMER, CONTROL
BB06	T18	TRANSFORMER, CONTACTOR
AA10	T49	TRANSFORMER, UVC-LIGHT POWER
AA07	TB13	TERMINAL STRIP, POWER DISTRIBUTION

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.

WIRING DIAGRAM FLOW				
HEATING	COOLING	COOLING	ACCS	ACCS
SECTION A	SECTION B	SECTION B3/5	SECTION C	SECTION D



NOTES	
1	P431 MAY ONLY BE USED WHEN BLOWER IS CONFIGURED FOR CAV OPERATION
2	MOVE WIRES FROM 240 TO 208 TAP ON TRANSFORMER FOR 208 VOLT APPLICATIONS
3	T49 USED IN G AND J VOLTS ONLY

← DENOTES OPTIONAL COMPONENTS AND WIRING