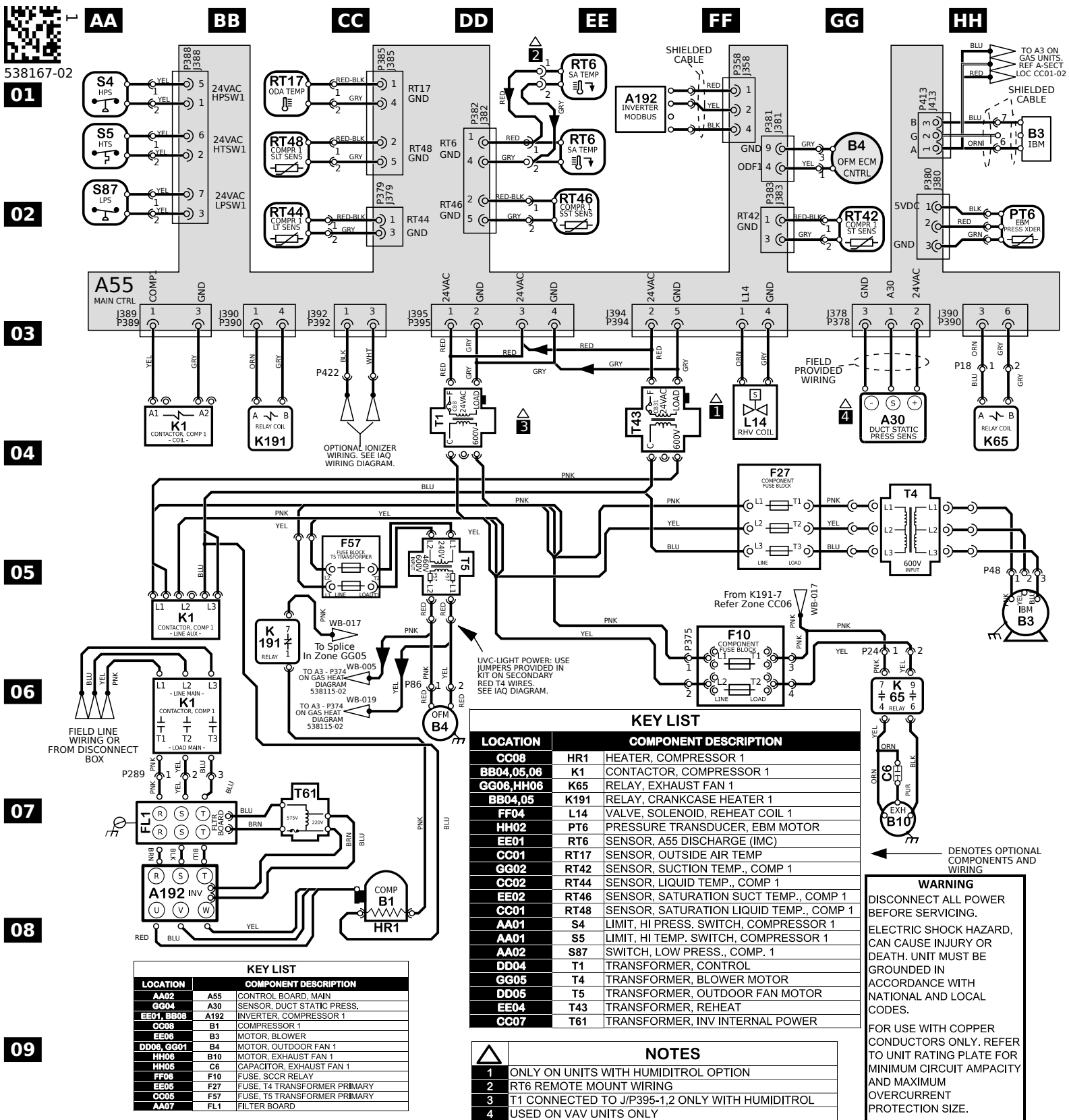
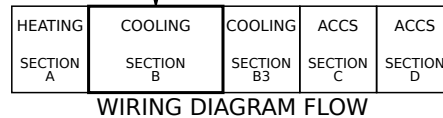
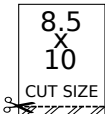


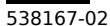


Model: LCM, LGM 036U - 074U J VOLT
Cooling Diagram with Higher SCCR
Voltage: 600/3/60 (J)
Supersedes: N/A Form No: 538167-02 Rev: 1



REV	EC NO.	DATE	BY	APVD	REVISION NOTE
--	CN-008852AS	01/10/2023	AXL	AAH	ORIGINATED AT PD&R CARROLLTON, TX
1	CN-013185	1/7/2025	AXL	AAH	A) REMOVED AM1/AM2





01

02

03

04

05

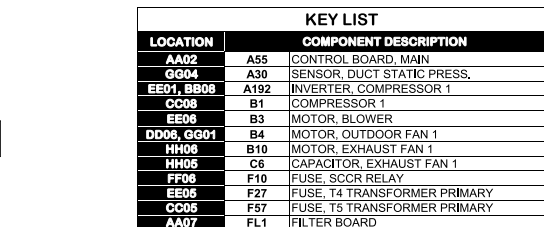
06

07

08

09

10



KEY LIST		
LOCATION		COMPONENT DESCRIPTION
CC08	HR1	HEATER, COMPRESSOR 1
BB04,05,06	K1	CONTACTOR, COMPRESSOR 1
GG06,HH06	K65	RELAY, EXHAUST FAN 1
BB04,05	K191	RELAY, CRANKCASE HEATER 1
FF04	L14	VALVE, SOLENOID, REHEAT COIL 1
HH02	PT6	PRESSURE TRANSDUCER, EBM MOTOR
EE01	RT6	SENSOR, A55 DISCHARGE (IMC)
CC01	RT17	SENSOR, OUTSIDE AIR TEMP
GG02	RT42	SENSOR, SUCTION TEMP., COMP 1
CC02	RT44	SENSOR, LIQUID TEMP., COMP 1
EE02	RT46	SENSOR, SATURATION SUCTION TEMP., COMP 1
CC01	RT48	SENSOR, SATURATION LIQUID TEMP., COMP 1
AA01	S4	LIMIT, HI PRESS. SWITCH, COMPRESSOR 1
AA01	S5	LIMIT, HI TEMP. SWITCH, COMPRESSOR 1
AA02	S87	SWITCH, LOW PRESS., COMP. 1
DD04	T1	TRANSFORMER, CONTROL
GG05	T4	TRANSFORMER, BLOWER MOTOR
DD05	T5	TRANSFORMER, OUTDOOR FAN MOTOR
EE04	T43	TRANSFORMER, REHEAT
CC07	T61	TRANSFORMER, INV INTERNAL POWER

	NOTES
1	ONLY ON UNITS WITH HUMIDITROL OPTION
2	RT6 REMOTE MOUNT WIRING
3	T1 CONNECTED TO J/P395-1,2 ONLY WITH HUMIDITROL
4	USED ON VAV UNITS ONLY

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

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: LCM, LGM 036U - 074U J VOLT
Cooling Diagram with Higher SCCR
Voltage: 600/3/60 (J)
Supersedes: N/A Form No: 538167-02 Rev: 1

WIRING DIAGRAM FLOW

$$\begin{array}{r} 8.5 \\ \times 10 \\ \hline \end{array}$$
 CUT SIZE

REV	EC NO.	DATE	BY	APVD	REVISION NOTE
--	CN-008852AS	01/10/2023	AXL	AAH	ORIGINATED AT PD&R CARROLLTON, TX
1	CN-013185	1/7/2025	AXL	AAH	A) REMOVED AM1/AM2