



538433-01

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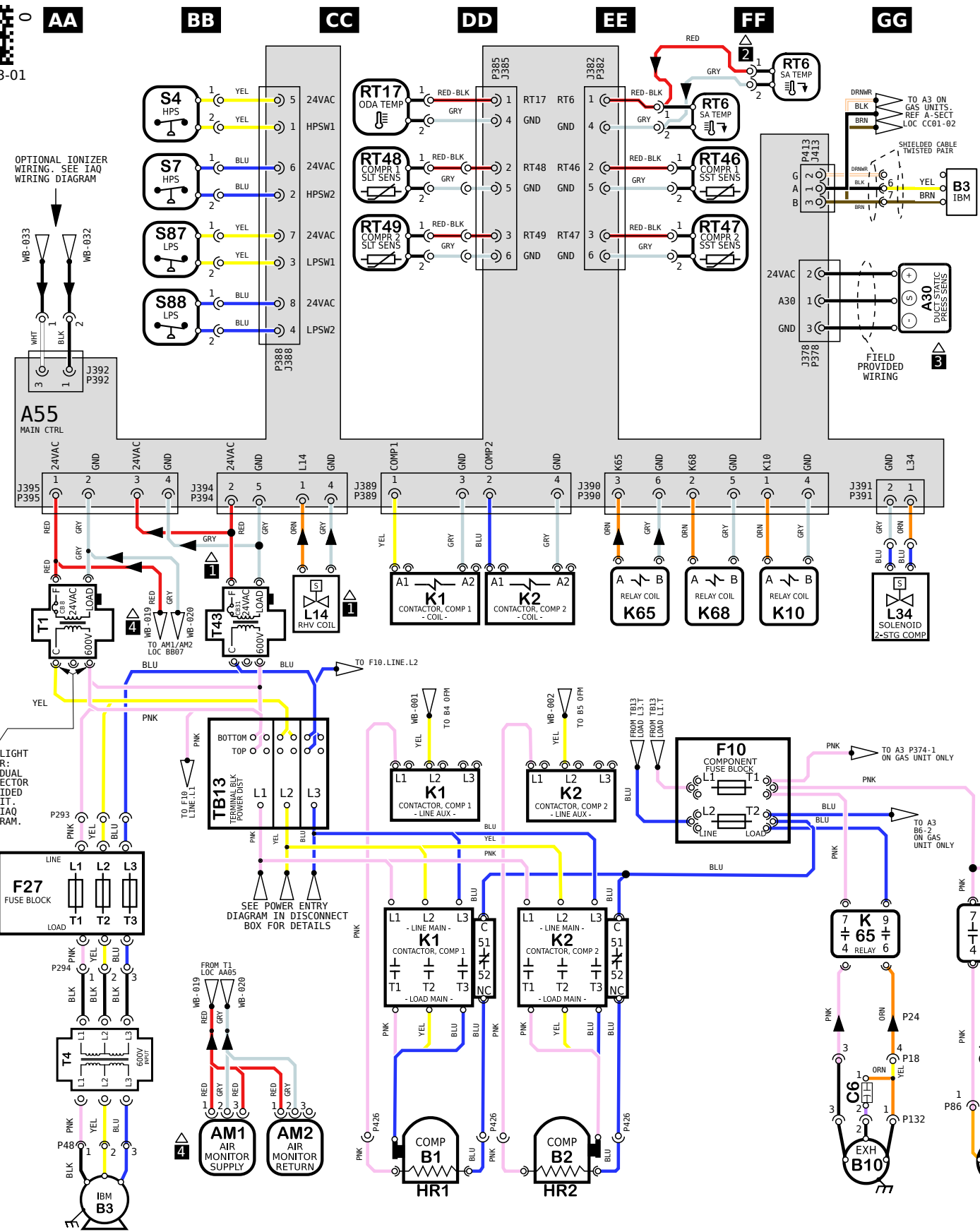
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KEY LIST	
LOCATION	COMPONENT DESCRIPTION
GG02,03	A30 SENSOR, DUCT STATIC PRESSURE
BB/CC09	AM1, AM2 AIR MONITOR, SUPPLY/RETURN, IAQ-TVOC
DD/EE09,10	B1, B2 COMPRESSOR 1, 2
AA10,GG01	B3 MOTOR, BLOWER
HH/JJ09,10	B4, B5 MOTOR, OUTDOOR FAN 1, 2
GG10	B10 MOTOR, EXHAUST FAN 1
HH/JJ09	C1, C2 CAPACITOR, OUTDOOR FAN 1, 2
GG09	C6 CAPACITOR, EXHAUST FAN 1
FF08	F10 FUSE, COMPONENT
AA07/08	F27 FUSE, T4 TRANSFORMER
DD/EE10	HR1, HR2 HEATER, COMPRESSOR 1, 2
DD/EE05,06,08	K1, K2 CONTACTOR, COMPRESSOR 1, 2
FF05, HH08	K10, K68 RELAY, OUTDOOR FAN 1, 2
EE05,GG08	K65 RELAY, EXHAUST FAN 1
CC05	L14 VALVE, SOLENOID, REHEAT COIL 1, 2
GG05	L34 SOLENOID, TWO STAGE, COMPRESSOR 1
FF01	RT6 SENSOR, A55 DISCHARGE (IMC)
CC01	RT17 SENSOR, OUTSIDE AIR TEMP
FF02	RT46, RT47 SENSOR, SAT. SUCT TEMP., COMP 1, 2
CC02	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
AA05	T1 TRANSFORMER, CONTROL
AA08/09	T4 TRANSFORMER, BLOWER MOTOR
BB05	T43 TRANSFORMER, CONTACTOR
CC06	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.

← DENOTES OPTIONAL COMPONENTS AND WIRING

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	IAQ SENSORS OPTIONAL

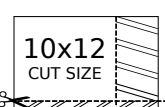
Product: LGT - B Box ALL UNITS J VOLT FIELD KIT  
Cooling Diagram with Higher SCCR

Voltage: 575V/3~/60Hz (J)  
Supersedes: NA  
Form No: 538433-01 Rev: 0

WIRING DIAGRAM FLOW

HEATING SECTION A	COOLING SECTION B	COOLING SECTION B3	ACCS SECTION C	ACCS SECTION D
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REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-012477	12-08-2023	FEP	MCF	ORIGINATED AT PD&R CARROLLTON, TX.



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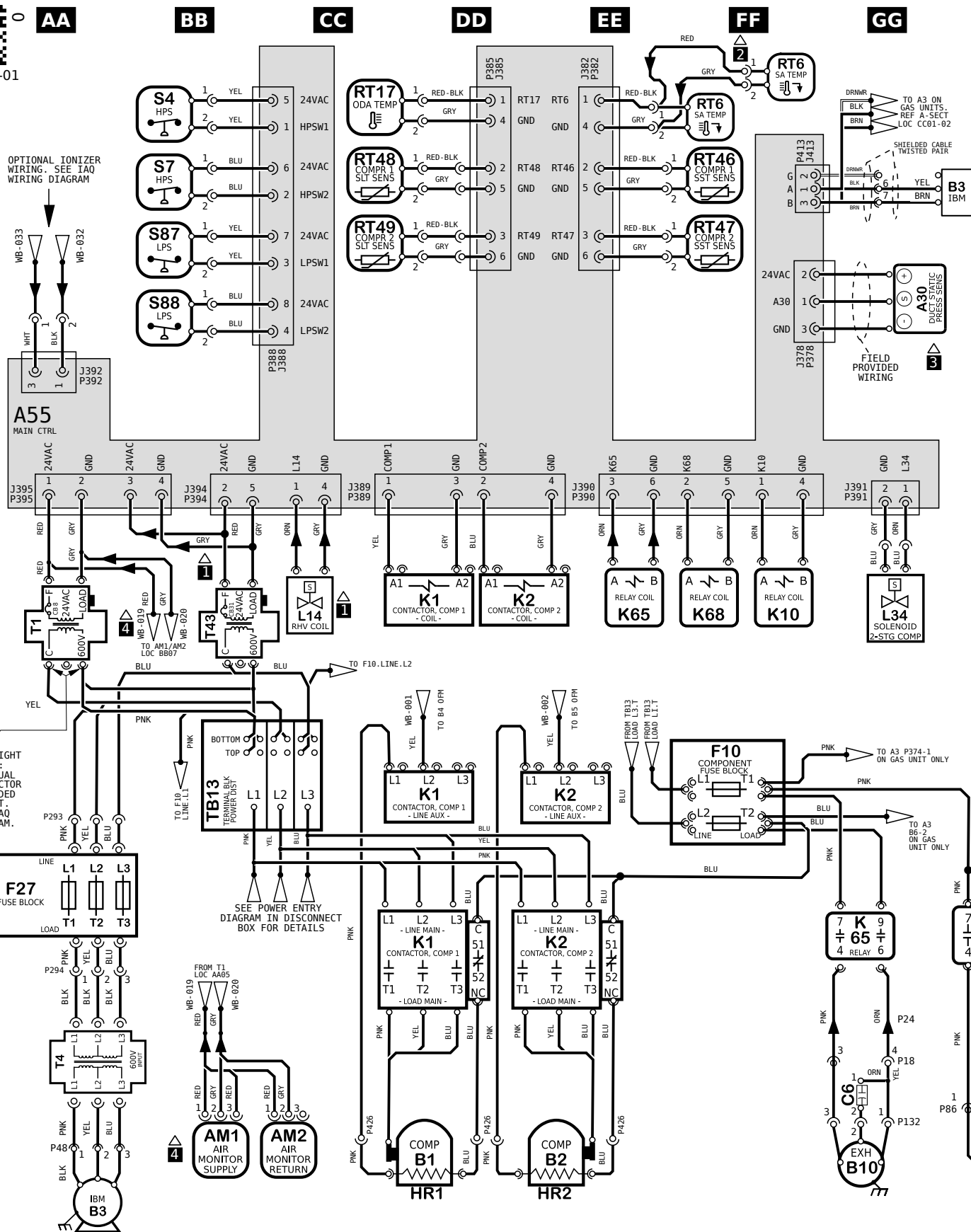
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GG05	L34 SOLENOID, TWO STAGE, COMPRESSOR 1
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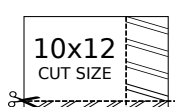
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WIRING DIAGRAM FLOW

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