



538674-01

01

02

03

04

05

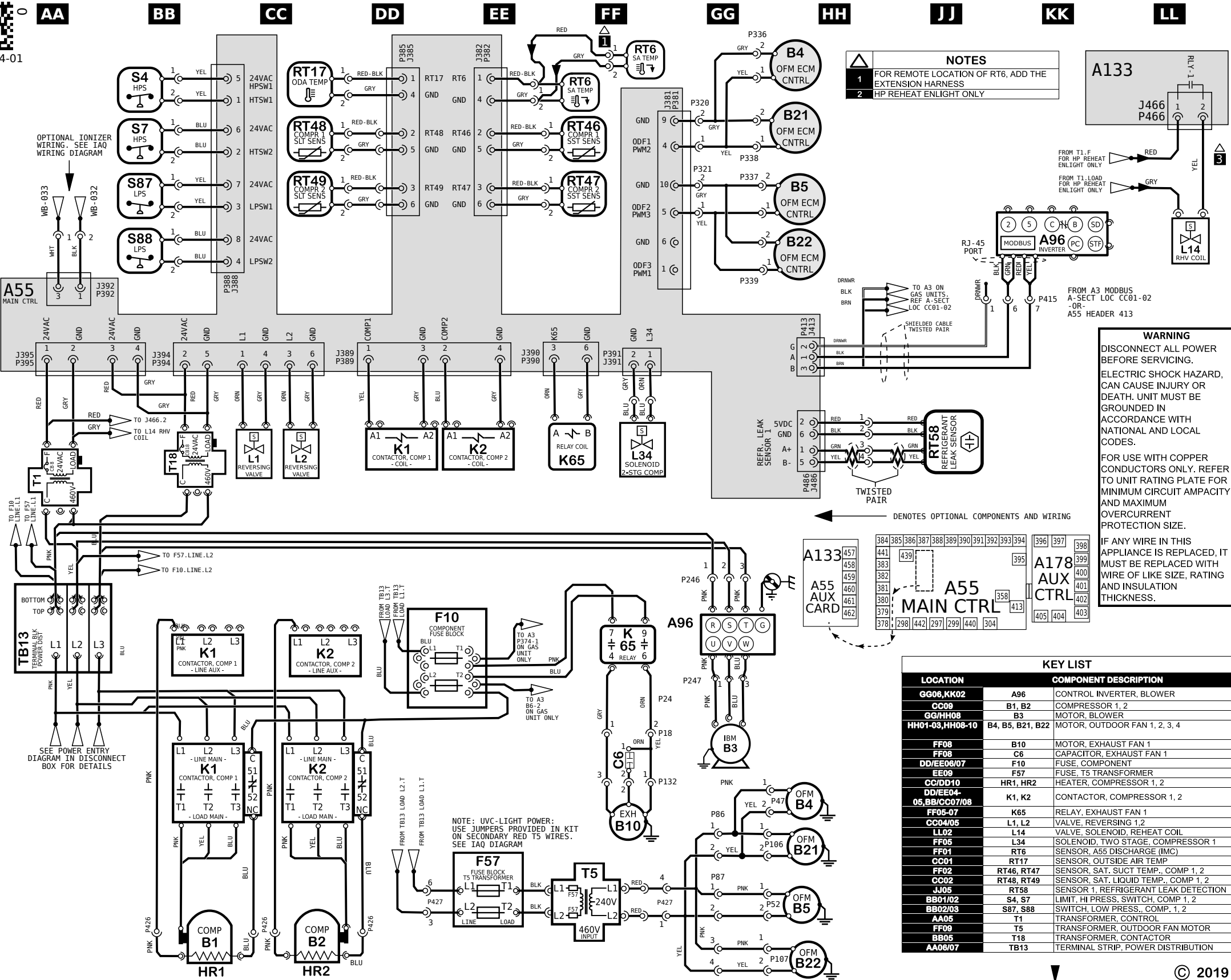
06

07

08

09

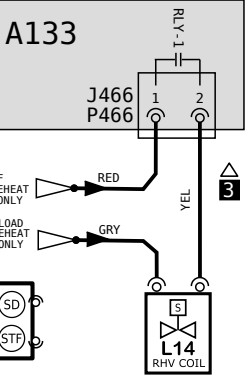
10



NOTES

1 FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS

2 HP REHEAT ENLIGHT ONLY



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.

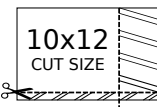
KEY LIST		
LOCATION	COMPONENT DESCRIPTION	
GG08, KK02	A96	CONTROL INVERTER, BLOWER
CC09	B1, B2	COMPRESSOR 1, 2
GG/HH08	B3	MOTOR, BLOWER
HH01-03, HH08-10	B4, B5, B21, B22	MOTOR, OUTDOOR FAN 1, 2, 3, 4
FF08	B10	MOTOR, EXHAUST FAN 1
FF08	C6	CAPACITOR, EXHAUST FAN 1
DD/EE08/07	F10	FUSE, COMPONENT
EE09	F57	FUSE, T5 TRANSFORMER
CC/DD10	HR1, HR2	HEATER, COMPRESSOR 1, 2
DD/EE04-05, BB/CC07/08	K1, K2	CONTACTOR, COMPRESSOR 1, 2
FF05-07	K65	RELAY, EXHAUST FAN 1
CC04/05	L1, L2	VALVE, REVERSING 1, 2
LL02	L14	VALVE, SOLENOID, REHEAT COIL
FF05	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
JJ05	RT58	SENSOR 1, REFRIGERANT LEAK DETECTION
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
FF09	T5	TRANSFORMER, OUTDOOR FAN MOTOR
BB05	T18	TRANSFORMER, CONTACTOR
AA08/07	TB13	TERMINAL STRIP, POWER DISTRIBUTION

Product: LDT/LHT B Box Belt Drive- G & J VOLT 152
Heat Pump Diagram with Higher SCCR

Voltage: 460V/3~ /60Hz (G)
Supersedes: XXXXXX-XX Form No: 538674-01 Rev: 0

WIRING
DIAGRAM
FLOW

HEATING	COOLING	COOLING	ACCS	ACCS
SECTION A	SECTION B	SECTION B3/5	SECTION C	SECTION D



REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-014742	10-01-2026	FEP	FY	ORIGINATED AT PD&R CARROLLTON, TX



538674-01

01

02

03

04

05

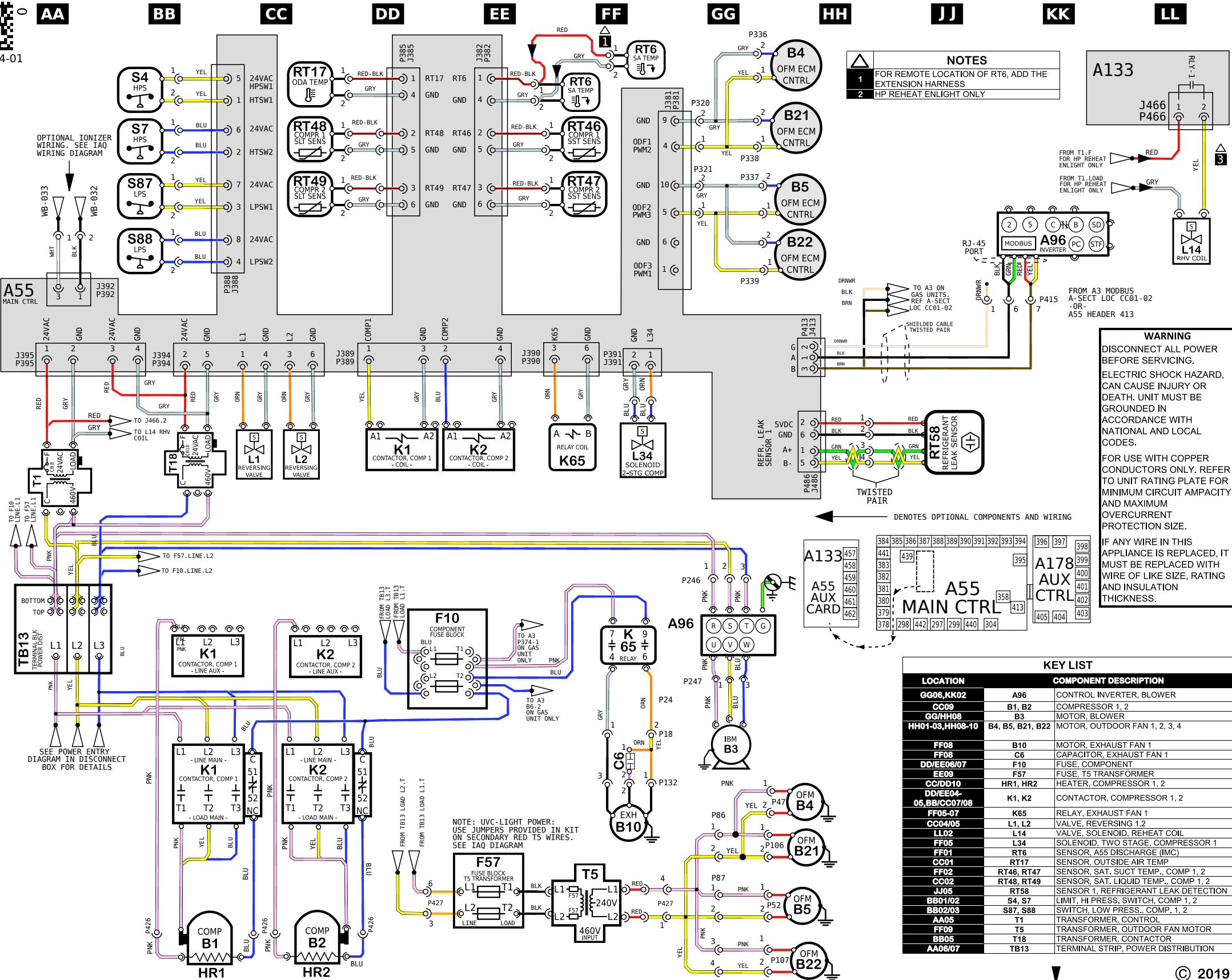
06

07

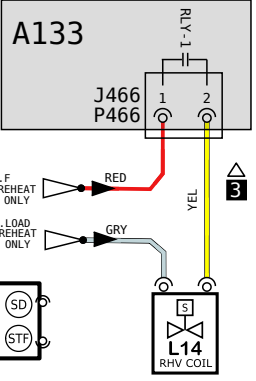
08

09

10



NOTES
1 FOR REMOTE LOCATION OF RT6, ADD THE EXTENSION HARNESS
2 HP REHEAT ENLIGHT ONLY



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.

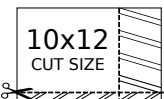
KEY LIST		
LOCATION	COMPONENT DESCRIPTION	
GG08, KK02	A96	CONTROL INVERTER, BLOWER
CC09	B1, B2	COMPRESSOR 1, 2
GG/HH08	B3	MOTOR, BLOWER
HH01-03, HH08-10	B4, B5, B21, B22	MOTOR, OUTDOOR FAN 1, 2, 3, 4
FF08	B10	MOTOR, EXHAUST FAN 1
FF08	C6	CAPACITOR, EXHAUST FAN 1
DD/EE08/07	F10	FUSE, COMPONENT
EE09	F57	FUSE, T5 TRANSFORMER
CC/DD10	HR1, HR2	HEATER, COMPRESSOR 1, 2
DD/EE04-05, BB/CC07/08	K1, K2	CONTACTOR, COMPRESSOR 1, 2
FF05-07	K65	RELAY, EXHAUST FAN 1
CC04/05	L1, L2	VALVE, REVERSING 1,2
LL02	L14	VALVE, SOLENOID, REHEAT COIL
FF05	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
JJ05	RT58	SENSOR 1, REFRIGERANT LEAK DETECTION
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
FF09	T5	TRANSFORMER, OUTDOOR FAN MOTOR
BB05	T18	TRANSFORMER, CONTACTOR
AA08/07	TB13	TERMINAL STRIP, POWER DISTRIBUTION

Product: LDT/LHT B Box Belt Drive- G & J VOLT 152
Heat Pump Diagram with Higher SCCR

Voltage: 460V/3~/60Hz (G)
Supersedes: XXXXXX-XX Form No: 538674-01 Rev: 0

WIRING
DIAGRAM
FLOW

HEATING	COOLING	COOLING	ACCS	ACCS
SECTION A	SECTION B	SECTION B3/5	SECTION C	SECTION D



REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-014742	10-01-2026	FEP	FY	ORIGINATED AT PD&R CARROLLTON, TX