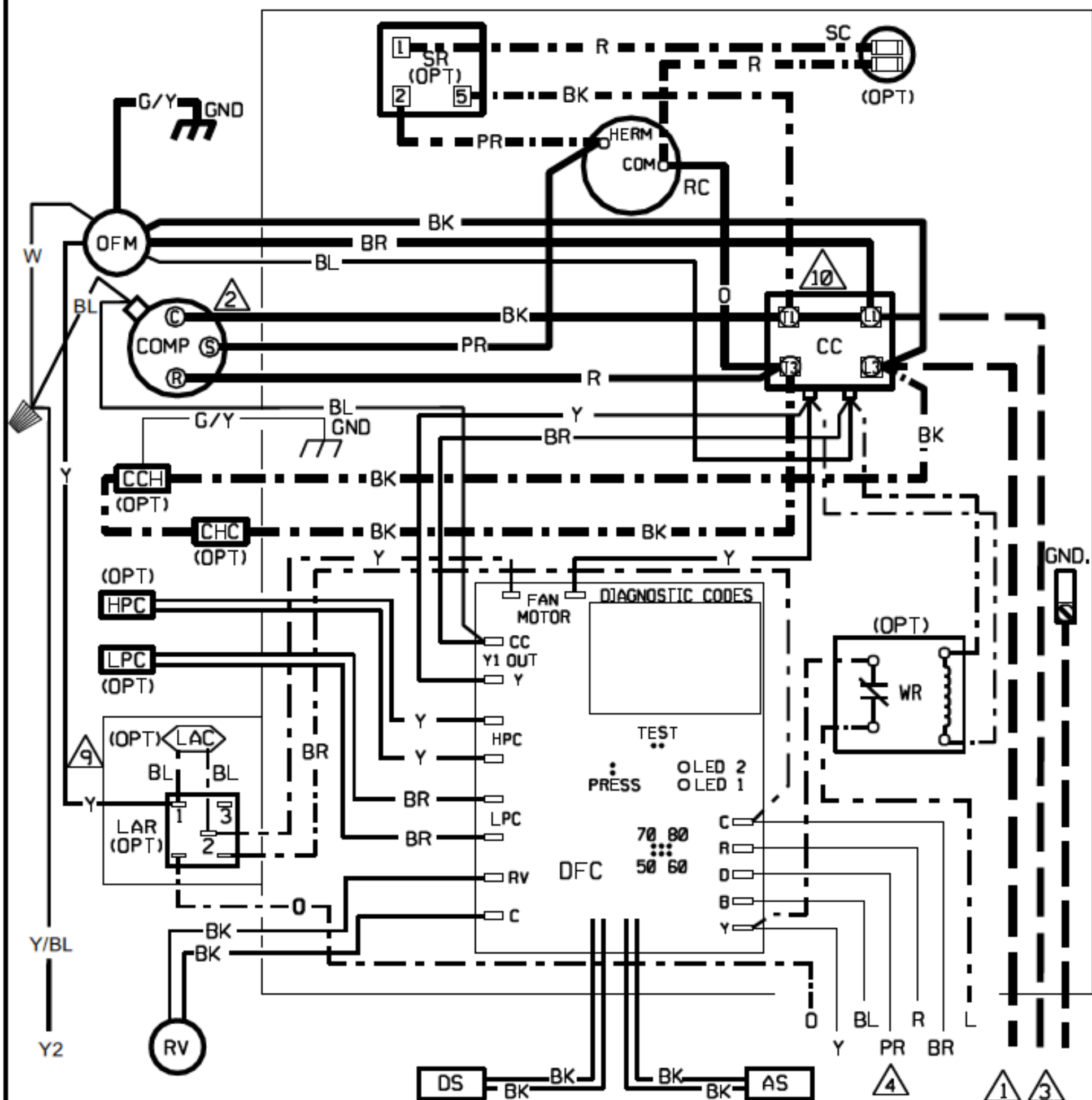
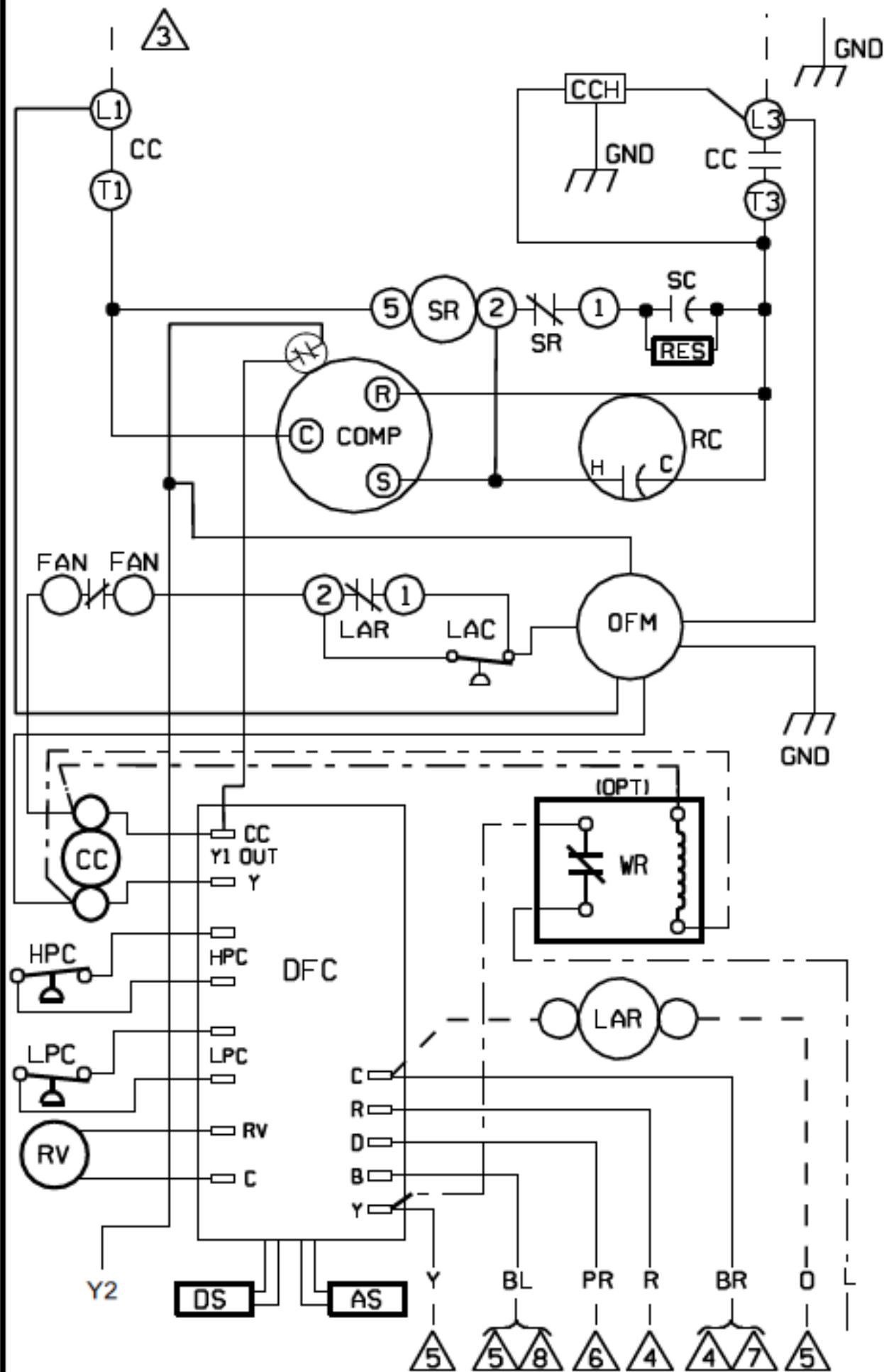


WIRING DIAGRAM



WIRING SCHEMATIC



COMPONENT CODE

AS AMBIENT SENSOR
 CC COMPRESSOR CONTACTOR
 CCH CRANKCASE HEATER
 CHC CRANKCASE HEATER CONTROL
 COMP COMPRESSOR
 DFC DEFROST CONTROL
 DS DEFROST COIL SENSOR
 GND GROUND, CHASSIS
 HPC HIGH PRES. CUT-OUT CONTROL
 LAC LOW AMBIENT COOLING CONTROL
 LAR LOW AMBIENT RELAY
 LPC LOW PRESSURE CUT OUT CONTROL
 OFM OUTDOOR FAN MOTOR
 OPT OPTIONAL
 RC RUN CAPACITOR
 RV REVERSING VALVE
 SC START CAPACITOR
 SR START RELAY
 WR WARNING RELAY
 WN WIRE NUT

NOTES:

- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- COMPRESSOR MOTOR THERMALLY PROTECTED AND ALL 3 PHASE ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
- CONNECT FIELD WIRING IN GROUNDED RAIN-TIGHT CONDUIT TO 60 HERTZ FUSE DISCONNECT, VOLTAGE AND PHASE PER RATING PLATE.
- LOW VOLTAGE CIRCUIT TO BE N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 60 HERTZ.
- TO THERMOSTAT SUB-BASE, REFER TO SYSTEM SCHEMATICS OR SCHEMATICS ON INDOOR SECTION FOR LOW VOLTAGE CONTROL WIRING.
- THIS WIRE IS USED TO TURN ON STRIP HEAT DURING DEFROST. OMIT CONNECTION FOR MOST ECONOMICAL OPERATION.
- TO HEAT PUMP MONITOR 2.5 VA. MAX. WHEN USED.
- THIS COMPONENT IS ENERGIZED IN HEATING MODE.
- IF LAC/LAR IS NOT USED, CONNECT YELLOW WIRE FROM OFM TO DFC FAN MOTOR.
- BLACK WIRE FROM SR (5) TO CC (T1) DELETED WHEN PTCR IS USED.

WIRING INFORMATION

LINE VOLTAGE
 -FACTORY STANDARD
 -FACTORY OPTION
 -FIELD INSTALLED
 LOW VOLTAGE
 -FACTORY STANDARD
 -FACTORY OPTION
 -FIELD INSTALLED
 REPLACEMENT WIRE
 -MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 °C MIN.)
 WARNING
 -CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.

WIRE COLOR CODE

BK__BLACK	O__ORANGE
BR__BROWN	PR__PURPLE
BL__BLUE	R__RED
G__GREEN	W__WHITE
GY__GRAY	Y__YELLOW

WIRING DIAGRAM

REMOTE HEAT PUMP
 SINGLE PHASE WITH ECM
 DEMAND DEFROST CONTROL
 NON COMMUNICATING TWO STAGE

DR. BY JHB	APP. BY	DATE 2/10/17	DWG. NO. 90 - 101229 - 44	REV 03
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