

**PRINTING INSTRUCTIONS:** MAKE EXACTLY 12.0 IN X 4.125 IN. WHITE BACKGROUND WITH BLACK PRINTING

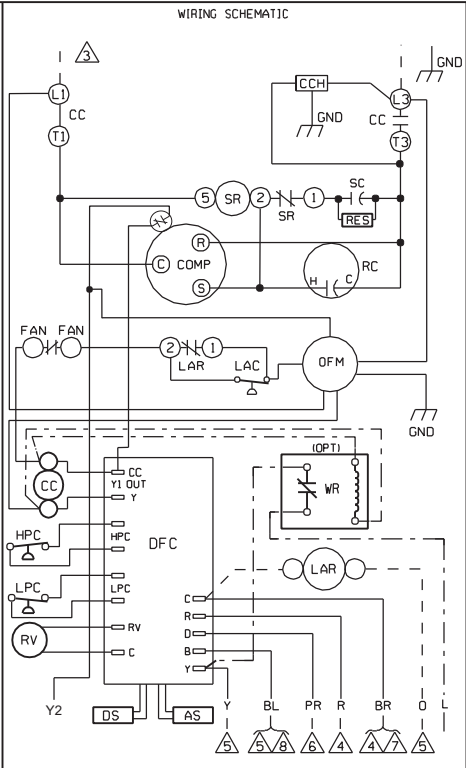
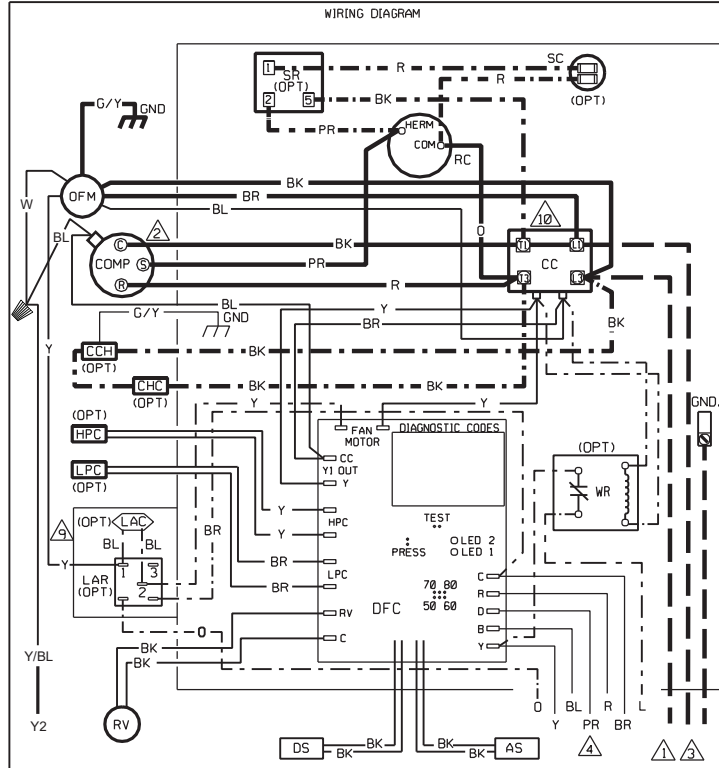
**MATERIAL:** ADS-4574-10, PRESSURE SENSITIVE, ADHESIVE BACKED MATERIAL

REVISIONS

01	REVISED COMP. WIRE COLOR, BL WAS RED AND BL WAS BK.	JHB
02	REVISED OFM WIRES COLORS BK WAS BR AND BR WAS BK.	JHB
03	CHANGED LOW VOLTAGE LINES FROM "HEAVY" TO "THIN" ON BL AND Y	VYM

P-1052S008 3-16-17
P-1052S009 3-22-17
Y-0625S251 5-4-18

NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEEM THROUGH AN AUTHORIZED CHANGE NOTICE. A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEEM R & D AND PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR WORKMANSHIP. ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.



**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:**

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED AND ALL 3 PHASE ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONNECT FIELD WIRING IN GROUNDED RAIN/TIGHT CONDUIT TO 60 HERTZ FUSE DISCONNECT, VOLTAGE AND PHASE PER RATING PLATE.
4. LOW VOLTAGE CIRCUIT TO BE N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 60 HERTZ.
5. TO THERMOSTAT SUB-BASE, REFER TO SYSTEM SCHEMATICS OR SCHEMATICS ON INDOOR SECTION FOR LOW VOLTAGE CONTROL WIRING.
6. THIS WIRE IS USED TO TURN ON STRIP HEAT DURING DEFROST. OMIT CONNECTION FOR MOST ECONOMICAL OPERATION.
7. TO HEAT PUMP MONITOR 2.5 VA, MAX, WHEN USED.
8. THIS COMPONENT IS ENERGIZED IN HEATING MODE.
9. IF LAC/LAR IS NOT USED, CONNECT YELLOW WIRE FROM OFM TO DFC FAN MOTOR.
10. 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	APP. BY	DATE	DWG. NO.	REV
JHB	JHB	2/10/17	90 - 101229 - 44	03

**NOTE:**  
THE DOTTED BOX NEAR THE DRAWING NUMBER REPRESENTS A .25 X.25 2D DATA MATRIX. SEE ADS-104669-01 FOR DATA MATRIX SPECS.

APPROVED:	CHECKED:	ORIGINAL RELEASE NO.:
MODELED BY: JHB	DATE: 2/10/17	P-1052S003
PART NO.: 90 - 101229 - 44	REV: 03	