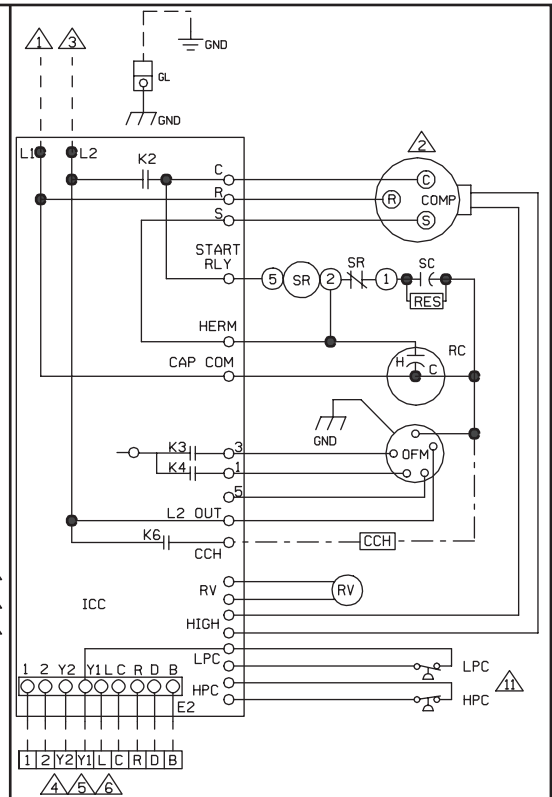


WIRING DIAGRAM



WIRING SCHEMATIC

COMPONENT CODE

- CCH CRANK CASE HEATER
- COMP COMPRESSOR
- E CONTROL BOARD WIRE TERMINATION
- GL GROUND LUG
- GND GROUND, CHASSIS
- HPC HIGH PRES. CUT-OUT CONTROL
- ICC INTEGRATED COMPRESSOR CONTROL
- K CONTROL BOARD RELAY
- LPC LOW PRESSURE CONTROL
- OFM OUTDOOR FAN MOTOR
- OPT OPTIONAL
- RC RUN CAPACITOR
- RES RESISTOR
- SC START CAPACITOR
- SR START RELAY

NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED.
3. CONNECT FIELD WIRING IN GROUNDED RAINTIGHT CONDUIT TO FUSED DISCONNECT, VOLTAGE, HERTZ AND PHASE PER RATING LABEL, AND PER NATIONAL AND LOCAL CODES.
4. LOW VOLTAGE CIRCUIT TO BE N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50 OR 60 HERTZ, MIN 18 AWG.
5. TO THERMOSTAT, REFER TO SYSTEM SCHEMATICS OR SCHEMATICS ON INDOOR SECTION FOR LOW VOLTAGE CONTROL WIRING.
6. L OUTPUT USED ON CERTAIN MODEL THERMOSTATS WITH L TERMINAL.
7. TEST AND SW2 PUSH BUTTONS USED FOR TEST AND DIAGNOSTIC RECALL. SEE PUSH BUTTON LABEL FOR DETAILS.
8. 7-SEGMENT LED TO DISPLAY DIAGNOSTIC CODES. SEE DIAGNOSTIC LABEL FOR DETAILS.
9. TORQUE REQUIREMENTS 20 IN.-LB. CHECK ANNUALLY.
10. SOLID ON INDICATES Y1 CALL PRESENT AT ICC CONTROL.
11. LPC AND HPC ARE AUTOMATIC RESET SWITCHES.

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 | GY | GRAY | R | RED |
| BR | BROWN | O | ORANGE | W | WHITE |
| BL | BLUE | PK | PINK | Y | YELLOW |
| G | GREEN | PR | PURPLE | | |

ELECTRICAL WIRING DIAGRAM
 HEAT PUMP
 2 STAGE
 INTEGRATED COMPRESSOR CONTROL