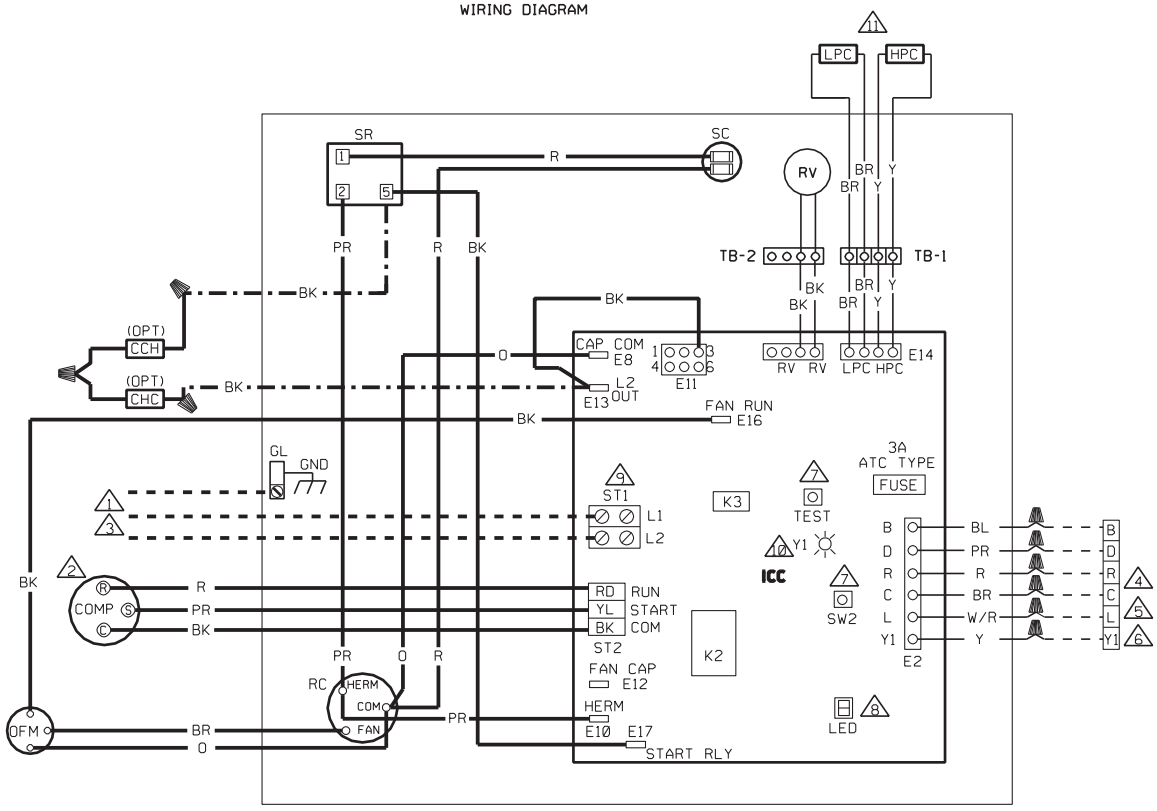
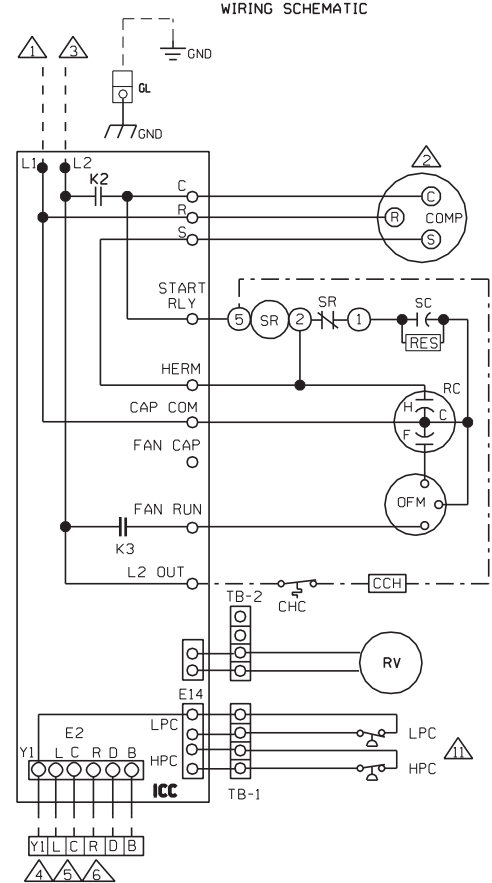


WIRING DIAGRAM



WIRING SCHEMATIC









COMPONENT CODE

| | |
|------|--|
| CHC | CRANK CASE HEATER CONTROL |
| CCH | CRANK CASE HEATER |
| COMP | COMPRESSOR |
| E | CONTROL BOARD WIRE TERMINATION |
| GL | GROUND, CHASSIS |
| 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 |
| ST1 | CONTROL BOARD POWER TERMINAL BLOCK |
| ST2 | CONTROL BOARD COMPRESSOR WIRE TERMINAL |
| TB | TERMINAL BLOCK |

NOTES:

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

| | | | | | | | | | |
|--------|-----|---------|--|------|---------|----------|--------------|-----|----|
| DR. BY | JHB | APP. BY | | DATE | 1-11-10 | DWG. NO. | 90-102074-03 | REV | 02 |
|--------|-----|---------|--|------|---------|----------|--------------|-----|----|