

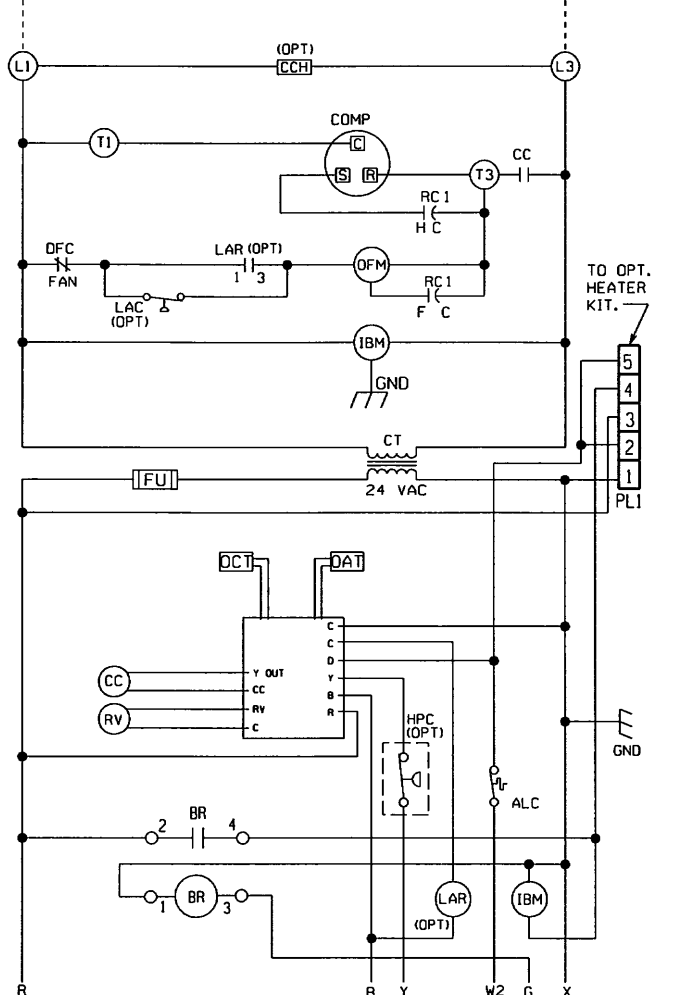
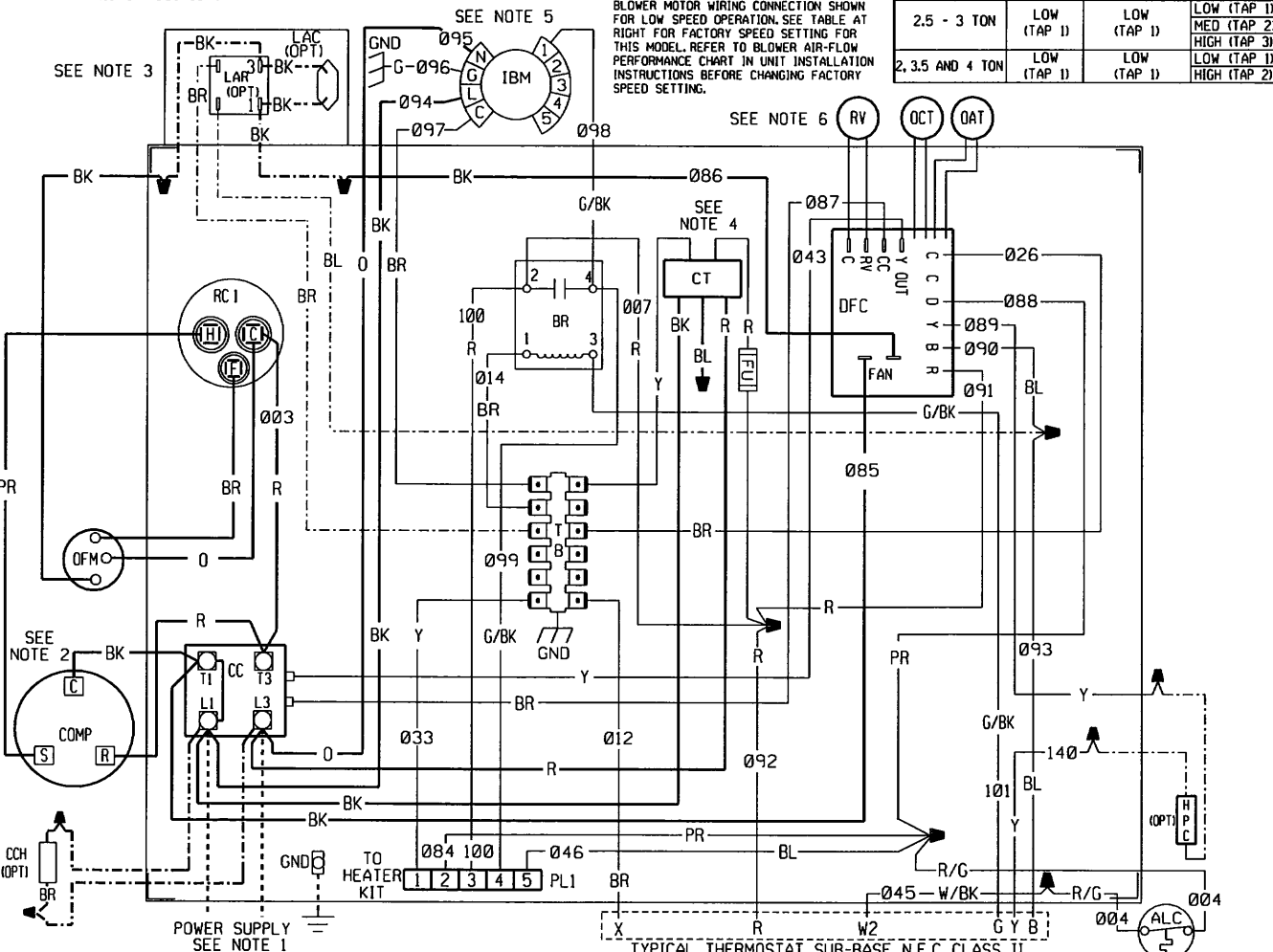
NOTE: ALL SWITCHES SHOWN IN COOLING POSITION.

WIRING DIAGRAM

NOTE:
BLOWER MOTOR WIRING CONNECTION SHOWN FOR LOW SPEED OPERATION. SEE TABLE AT RIGHT FOR FACTORY SPEED SETTING FOR THIS MODEL. REFER TO BLOWER AIR-FLOW PERFORMANCE CHART IN UNIT INSTALLATION INSTRUCTIONS BEFORE CHANGING FACTORY SPEED SETTING.

| NOMINAL COOLING CAPACITY | MOTOR SPEED FROM FACTORY | | AVAILABLE SPEEDS |
|--------------------------|--------------------------|-------------|------------------|
| | HEAT | COOL | |
| 2.5 - 3 TON | LOW (TAP 1) | LOW (TAP 1) | LOW (TAP 1) |
| | | | MED (TAP 2) |
| 2, 3.5 AND 4 TON | LOW (TAP 1) | LOW (TAP 1) | HIGH (TAP 3) |
| | | | LOW (TAP 1) |

SCHEMATIC DIAGRAM



| COMPONENT CODE | |
|----------------|-----------------------------|
| ALC | AUX. LIMIT CONTROL |
| BR | BLOWER RELAY |
| CC | COMPRESSOR CONTACTOR |
| CCH | CRANKCASE HEATER |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| DFC | DEFROST CONTROL |
| FU | FUSE |
| GND | GROUND |
| HPC | HIGH PRESSURE CONTROL |
| IBM | INDOOR BLOWER MOTOR |
| LAC | LOW AMBIENT COOLING CONTROL |
| LAR | LOW AMBIENT RELAY |
| OAT | OUTDOOR AMBIENT TEMP |
| OCT | OUTDOOR COIL TEMP |
| OFM | OUTDOOR FAN MOTOR |
| OPT | OPTIONAL |
| PL | PLUG |
| RC | RUN CAPACITOR |
| RV | REVERSING VALVE |
| TB | TERMINAL BLOCK |
| ▲ | WIRE NUT |

- ### NOTES:
- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
 - COMPRESSOR MOTOR THERMALLY PROTECTED.
 - IF LAC/LAR IS NOT USED, CONNECT BLACK WIRE FROM OFM TO WIRE NUT FROM DR
 - TRANSFORMER FACTORY WIRED FOR 230 VOLTS. USE RED AND BLUE LEADS FOR 208 VOLTS.
 - MOTOR FACTORY WIRED FOR CORRECT SPEED.
 - THIS COMPONENT ENERGIZED IN HEATING.
 - SEE FUSE LABEL ON CONTROL BOX COVER FOR FUSE SIZING AND CLASSIFICATION.

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

PACKAGE HEAT PUMP

1 PH, 208-230 VOLT
 X-13 INDOOR BLOWER MOTOR

| | | | | |
|--------|--------------------|----------|-------------|-----|
| DR. BY | APP. BY | DATE | DWG. NO. | REV |
| KDF | <i>[Signature]</i> | 03-15-05 | 90-23621-13 | 08 |

DWG. NO. 90-23621-13
 REV 08