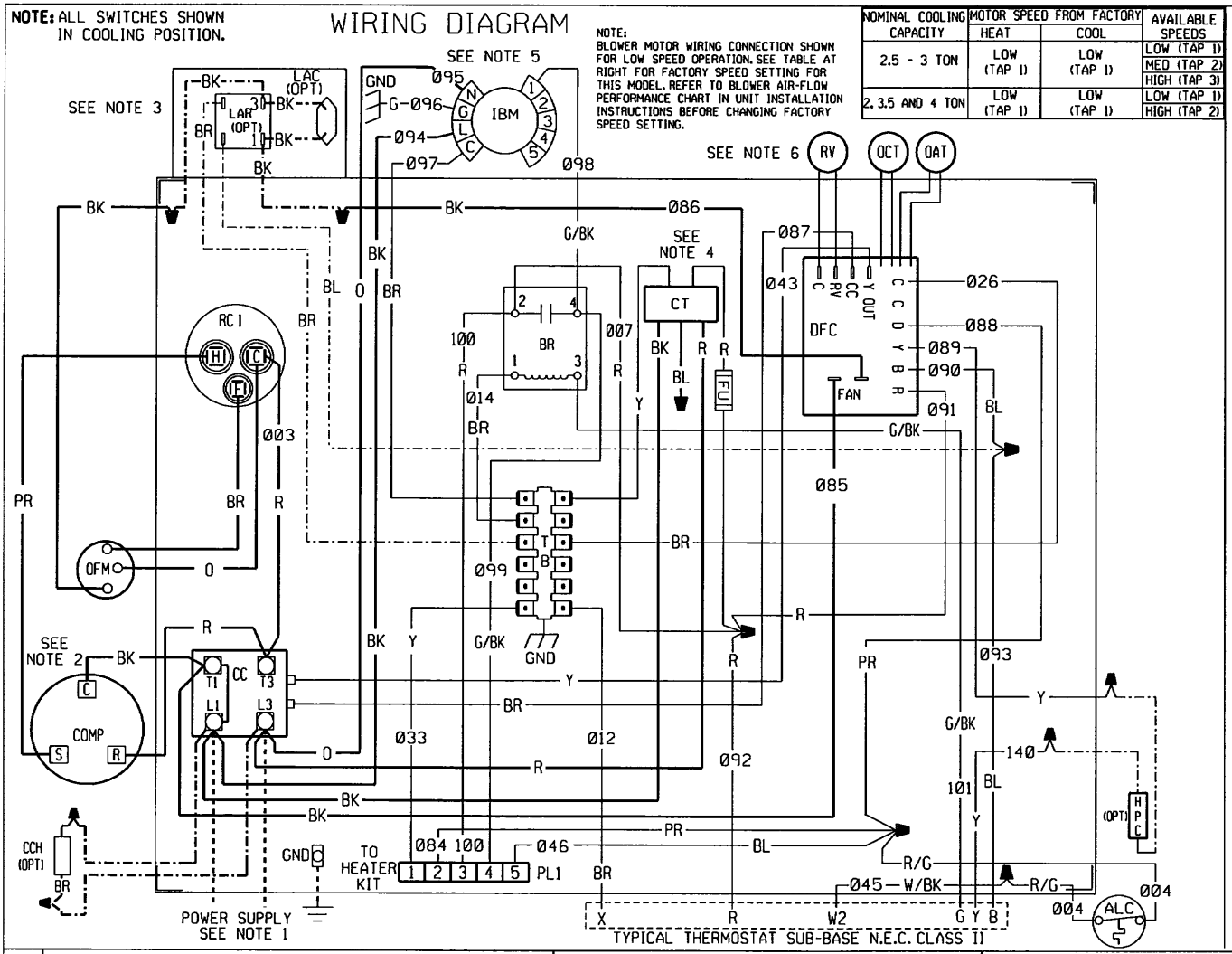
**NOTE:** ALL SWITCHES SHOWN IN COOLING POSITION.

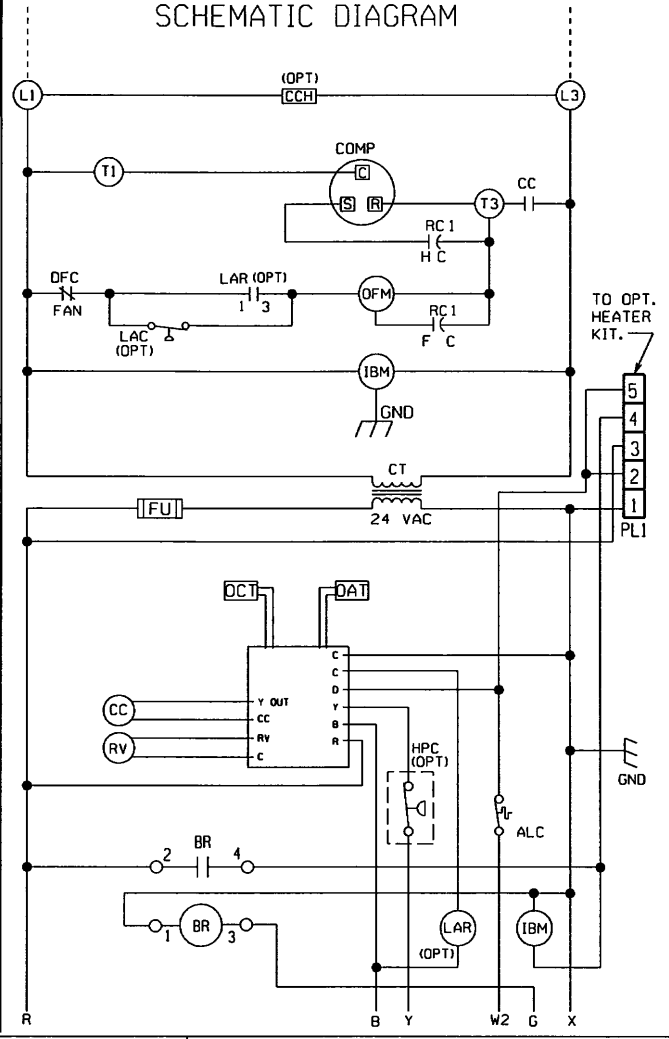
# WIRING DIAGRAM




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)<br>MED (TAP 2)<br>HIGH (TAP 3) |
| 2, 3.5 AND 4 TON | LOW (TAP 1) | LOW (TAP 1) | LOW (TAP 1)<br>HIGH (TAP 2) |

# SCHEMATIC DIAGRAM




## COMPONENT CODE

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

## NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED.
3. IF LAC/LAR IS NOT USED, CONNECT BLACK WIRE FROM OFM TO WIRE NUT FROM DR
4. TRANSFORMER FACTORY WIRED FOR 230 VOLTS. USE RED AND BLUE LEADS FOR 208 VOLTS.
5. MOTOR FACTORY WIRED FOR CORRECT SPEED.
6. THIS COMPONENT ENERGIZED IN HEATING.
7. 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 | | 03-15-05 | 90-23621-13 | 08 |

DWG. NO. 90-23621-13 REV 08