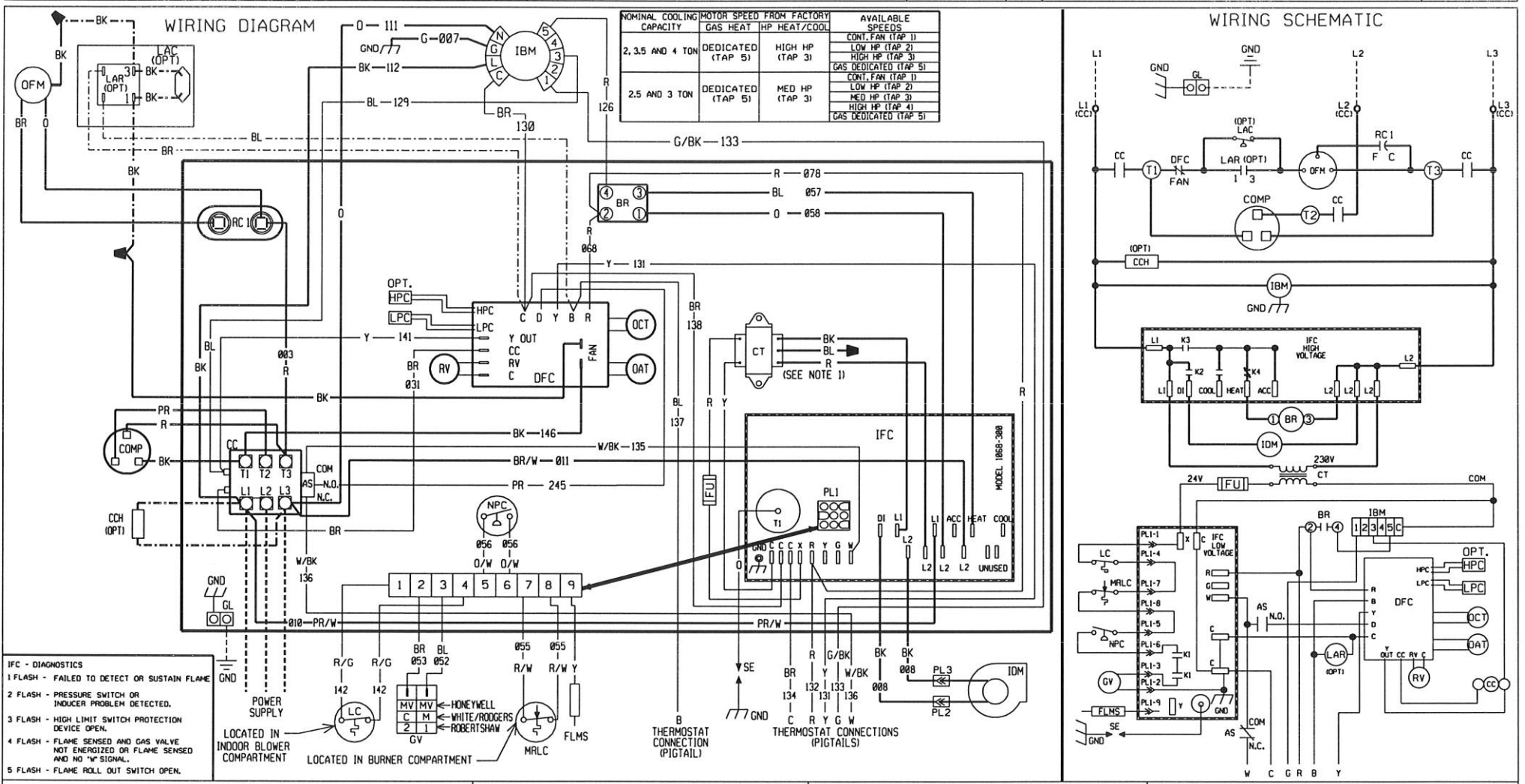



| NOMINAL COOLING CAPACITY | MOTOR SPEED FROM FACTORY | | AVAILABLE SPEEDS |
|---|---|---|---|
| | GAS HEAT | HP HEAT/COOL | |
| 2, 3.5 AND 4 TON | DEDICATED (TAP 5) | HIGH HP (TAP 3) | CONT. FAN (TAP 1) |
| | | | LOW HP (TAP 2) |
| | | | HIGH HP (TAP 3) |
| | | | GAS DEDICATED (TAP 5) |
| 2.5 AND 3 TON | DEDICATED (TAP 5) | MED HP (TAP 3) | CONT. FAN (TAP 1) |
| | | | LOW HP (TAP 2) |
| | | | MED HP (TAP 3) |
| | | | HIGH HP (TAP 4) |
| | | | GAS DEDICATED (TAP 5) |

## COMPONENT CODE

| | |
|---|---|
| AS | AUXILIARY SWITCH |
| BR | BLOWER RELAY |
| CC | COMPRESSOR CONTACTOR |
| CCH | CRANKCASE HEATER |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| DFC | DEFROST CONTROL |
| FLMS | FLAME SENSOR |
| FU | FUSE |
| GL | GROUND LUG |
| GND | GROUND |
| GV | GAS VALVE |
| HPC | HIGH PRESSURE CONTROL |
| IBM | INDOOR BLOWER MOTOR |
| IDM | INDUCED DRAFT MOTOR |
| IFC | ITEGRATED FURNACE CONTROL |
| LAC | LOW AMBIENT COOLING CONTROL |
| LAR | LOW AMBIENT RELAY |
| LC | LIMIT CONTROL |
| LPC | LOW PRESSURE CONTROL |
| MRLC | MAN. RESET LIMIT CONTROL |
| NPC | NEG. PRESSURE CONTROL |
| OAT | OUTDOOR AMBIENT TEMP |
| OBD | ON BOARD DIAGNOSTICS |
| OCT | OUTDOOR COIL TEMP |
| OFM | OUTDOOR FAN MOTOR |
| OPT | OPTIONAL |
| PL | PLUG |
| RC | RUN CAPACITOR |
| RV | REVERSING VALVE |
| SC | START CAPACITOR |
| SE | SPARK ELECTRODE |
| SR | START RELAY |
| TDC | TIME DELAY CONTROL |
| | WIRE NUT |

## NOTES:

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ. RED-COMMON BLUE-208 V BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED.
3. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
4. CONNECT FIELD WIRING IN GROUNDED RAINTIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
6. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.

## 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

DUAL FUEL PACKAGE UNIT WITH INTEGRATED FURNACE CONTROL
208/230V, 3 - PHASE

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| MGR | | 6-18-10 | 90-23621-36 | 00 |