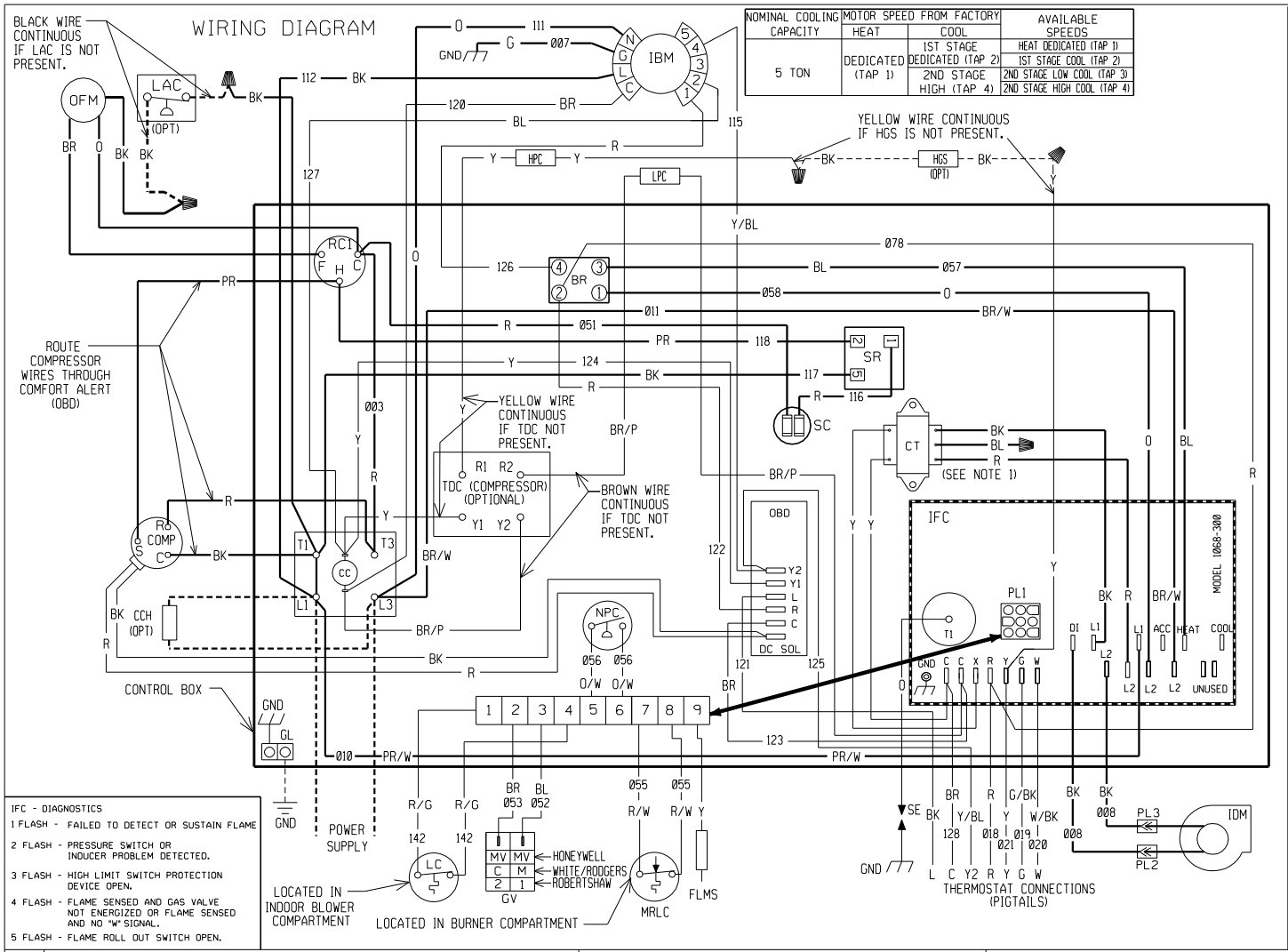
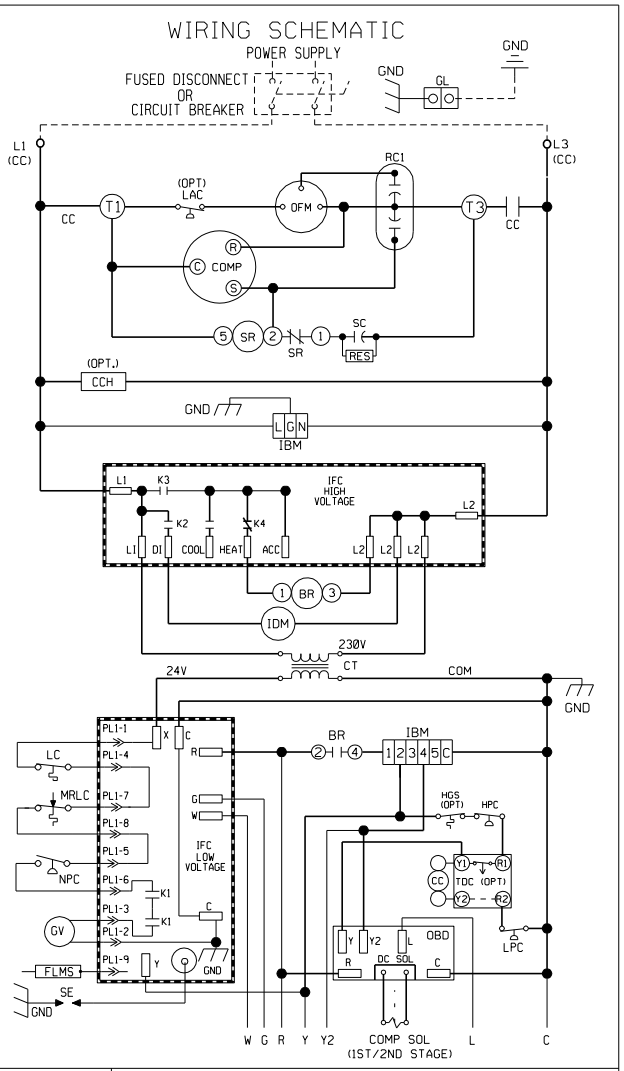



## COMPONENT CODE

| | | | |
|---|---|---|---|
| BR | BLOWER RELAY | LC | LIMIT CONTROL |
| CC | COMPRESSOR CONTACTOR | LPC | LOW PRESSURE CONTROL |
| CCH | CRANKCASE HEATER | MRLC | MAN. RESET LIMIT CONTROL |
| COMP | COMPRESSOR | NPC | NEG. PRESSURE CONTROL |
| CT | CONTROL TRANSFORMER | OBD | ON BOARD DIAGNOSTICS |
| FLMS | FLAME SENSOR | OFM | OUTDOOR FAN MOTOR |
| GL | GROUND LUG | OPT | OPTIONAL |
| GND | GROUND | PL | PLUG |
| GV | GAS VALVE | RC | RUN CAPACITOR |
| HPC | HIGH PRESSURE CONTROL | | |
| IBM | INDOOR BLOWER MOTOR | SC | START CAPACITOR |
| IDM | INDUCED DRAFT MOTOR | SE | SPARK ELECTRODE |
| IFC | ITEGRATED FURNACE CONTROL | SR | START RELAY |
| HGS | HOT GAS SENSOR | TDC | TIME DELAY CONTROL |
| LAC | LOW AMBIENT COOLING 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 | O | ORANGE |
| BR | BROWN | PR | PURPLE |
| BL | BLUE | R | RED |
| G | GREEN | W | WHITE |
| GY | GRAY | Y | YELLOW |

# ELECTRICAL WIRING DIAGRAM

5.0 TON GAS/ELECTRIC
2-STAGE COMPRESSOR AND
INTEGRATED FURNACE CONTROL
208/230V, 1 - PHASE

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| JRJ | | 10-14-05 | 90-23626-13 | 09 |

DWG. NO. 90-23626-13 REV 09