



COMPONENT CODE

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|------|---------------------------|------|-----------------------------|
| BR | BLOWER RELAY | IDM | INDUCED DRAFT MOTOR |
| CC | COMPRESSOR CONTACTOR | IDRL | IND. DRAFT RELAY - LOW SPD. |
| CT | CONTROL TRANSFORMER | IDRH | IND. DRAFT RELAY - HIGH |
| DISC | DISCONNECT SWITCH | IFC | INTGRD TO FURNACE CNTRL |
| EAC | ELECTRIC AIR CLEANER | IR | IGNITION RELAY |
| FR | FAN RELAY | LC | LIMIT CONTROL |
| FLMS | FLAME SENSOR | LGVR | LOW GAS VALVE RELAY |
| FU | FUSE | LPC | LOW PRESSURE CONTROL |
| GND | GROUND | MGV | MAIN GAS VALVE |
| GVR | GAS VALVE RELAY | MRLC | MAN. RESET LIMIT CNTRL |
| HALC | HEAT ASSIST. LIMIT CNTRL. | NPC | NEG. PRESSURE CNTRL |
| HCR | HEAT/COOL RELAY | PBS | PUSH BUTTON SWITCH |
| HGVR | HIGH GAS VALVE RELAY | PL | PLUG |
| HPC | HIGH PRESSURE CONTROL | RC | RUN CAPACITOR |
| HUM | HUMIDIFIER | SE | SPARK IGNIT. ELECTRODE |
| HUMR | HUMIDIFIER RELAY | TH | THERMOSTAT (H/C) |
| IBM | INDOOR BLOWER MOTOR | ▲ | WIRE NUT |

- NOTES:
- REFER TO SPEC. SHEET FOR ACTUAL FACTORY MOTOR TAP PLACEMENT OF "HEAT" & "LOW" AS SOME MODELS ARE DIFFERENT THAN SHOWN HERE. ALSO, REFER TO SPEC. SHEET OR INSTALLATION MANUAL IF WIRING OF HEAT AND / OR COOL SPEEDS IS NOT DESIREABLE.
 - CONNECT UNUSED MOTOR LEADS TO M1 AND/OR M2.
 - DO NOT CONNECT ANY LEADS TO HEAT OR COOL TERMINAL IF THE H/C TERMINAL IS USED
 - WITH SINGLE STAGE THERMOSTAT CONNECT "W" ON THERMOSTAT TO "W2" ON IFC.

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 |

WIRING DIAGRAM

UPFLOW/DOWNFLOW/HORIZONTAL
 BLOWER INDUCED DRAFT
 GAS FIRED FORCED AIR FURNACE
 TWO STAGE HEAT
 SINGLE STAGE COOL
 DIRECT SPARK IGNITION

| | | | | |
|--------|---------|---------|--------------|-----|
| DR. BY | APP. BY | DATE | DWG. NO. | REV |
| JIM | | 3-20-03 | 90-100613-01 | 04 |

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