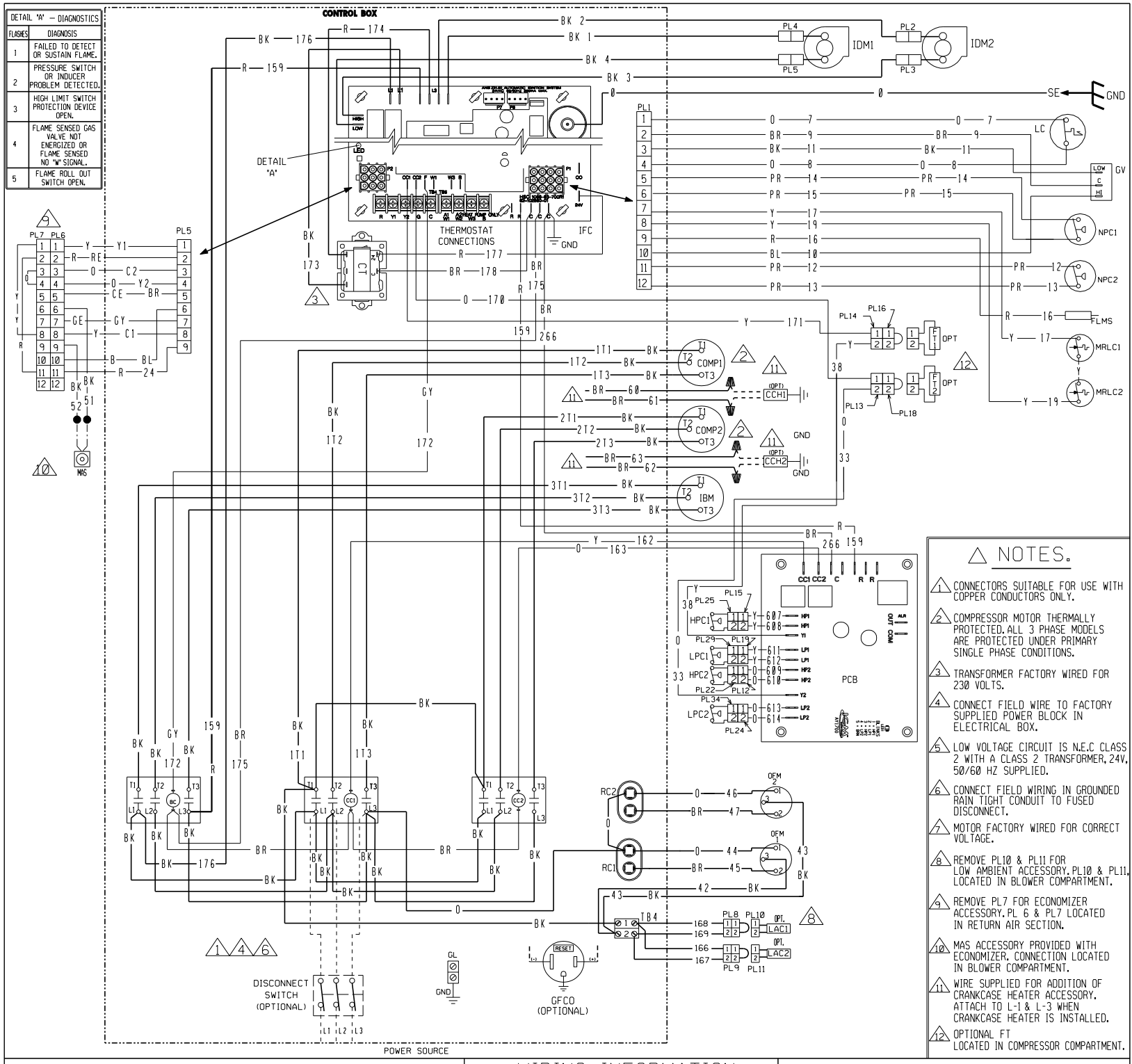



## NOTES.

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. TRANSFORMER FACTORY WIRED FOR 230 VOLTS.
4. CONNECT FIELD WIRE TO FACTORY SUPPLIED POWER BLOCK IN ELECTRICAL BOX.
5. LOW VOLTAGE CIRCUIT IS N.E.C CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V, 50/60 HZ SUPPLIED.
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT VOLTAGE.
8. REMOVE PL10 & PL11 FOR LOW AMBIENT ACCESSORY. PL10 & PL11, LOCATED IN BLOWER COMPARTMENT.
9. REMOVE PL7 FOR ECONOMIZER ACCESSORY. PL 6 & PL7 LOCATED IN RETURN AIR SECTION.
10. MAS ACCESSORY PROVIDED WITH ECONOMIZER. CONNECTION LOCATED IN BLOWER COMPARTMENT.
11. WIRE SUPPLIED FOR ADDITION OF CRANKCASE HEATER ACCESSORY. ATTACH TO L-1 & L-3 WHEN CRANKCASE HEATER IS INSTALLED.
12. OPTIONAL FT LOCATED IN COMPRESSOR COMPARTMENT.

## COMPONENT CODE

| | |
|---|---|
| BC | BLOWER CONTACTOR |
| CC | COMPRESSOR CONTACTOR |
| CCH | CRANKCASE HEATER |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| DISC | DISCONNECT SWITCH |
| FLMS | FLAME SENSOR |
| FT | FREEZE STAT |
| GFCO | GROUND FAULT CONVENIENCE OUTLET |
| GL | GROUND LUG |
| GND | GROUND |
| GV | GAS VALVE |
| HPC | HIGH PRESSURE CONTROL |
| IBM | INDOOR BLOWER MOTOR BELT DRIVE |
| IDM | INDUCED DRAFT MOTOR |
| IFC | INTEGRATED FURNACE CONTROL |
| LAC | LOW AMBIENT COOLING CONTROL |
| LC | LIMIT CONTROL |
| LPC | LOW PRESSURE CONTROL |
| MAS | MIX AIR SENSOR |
| MRLC | MANUAL RESET LIMIT CONTROL |
| NPC | NEGATIVE PRESSURE CONTROL |
| OFM | OUTDOOR FAN MOTOR |
| PCB | PRESSURE CONTROL BOARD |
| PL | PLUG |
| RC | RUN CAPACITOR |
| SE | SPARK ELECTRODE |
| TB | TERMINAL BLOCK |
| | WIRE NUT |

## 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

## 090/102/120/150/151

208-230/460V 3 PH, 60 HZ.

200-220/380-415V 3 PH, 50 HZ

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| MGR | | 8-14-12 | 90-102890-07 | 00 |