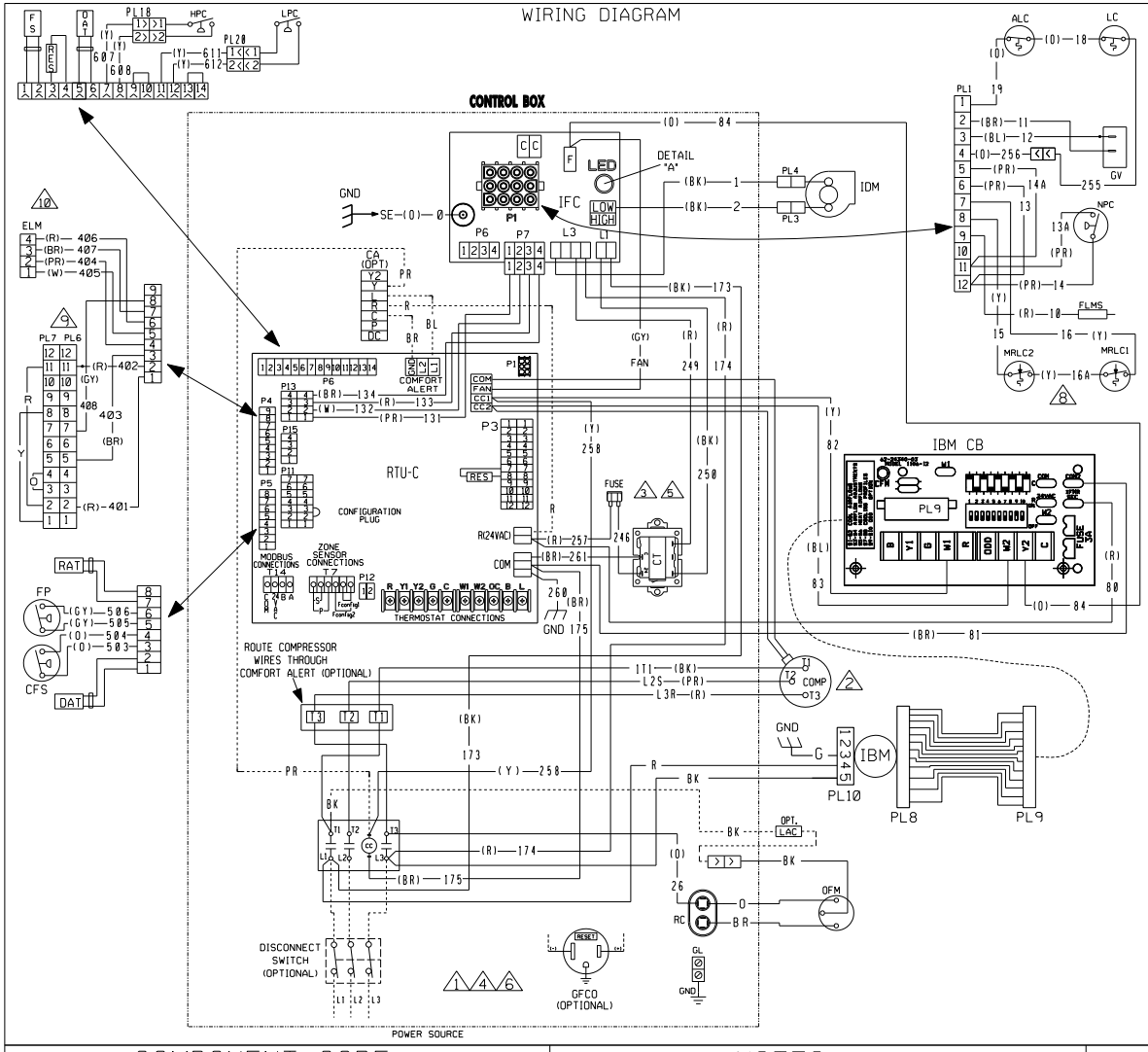
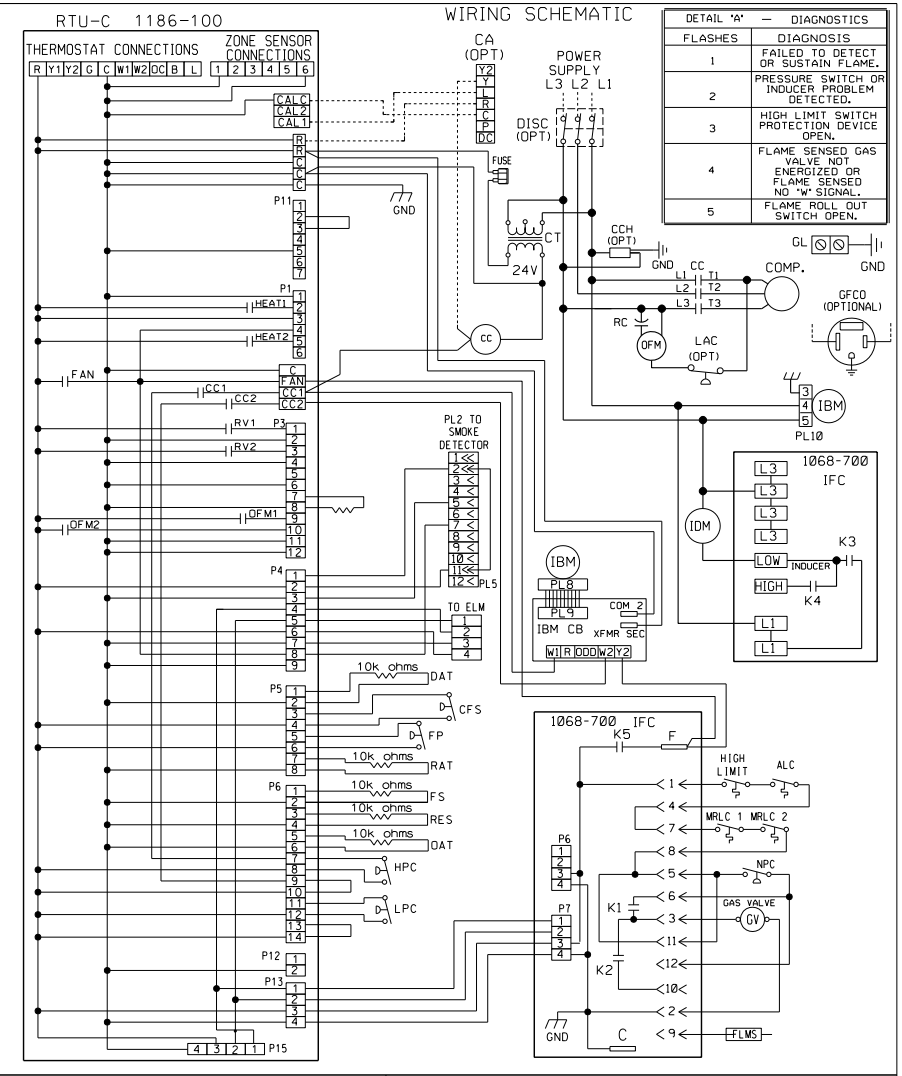



## COMPONENT CODE

| | |
|---|---|
| ALC | AUXILLIARY LIMIT CONTROL |
| BC | BLOWER CONTACTOR |
| CA | COMFORT ALERT MODULE |
| CC | COMPRESSOR CONTACTOR |
| CFS | CLOGGED FILTER SWITCH |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| DAT | DISCHARGE AIR SENSOR |
| DISC | DISCONNECT SWITCH |
| FLMS | FLAME SENSOR |
| FP | FAN PROVING |
| FS | FREEZE SENSOR |
| GFCO | GROUND FAULT CONVENIENCE OUTLET |
| GL | GROUND LUG |
| GND | GROUND |
| GV | GAS VALVE |
| HPC | HIGH PRESSURE CONTROL |
| IBM | INDOOR BLOWER MOTOR |
| IBM CB | INDOOR BLOWER MOTOR CONTROL BOARD |
| IDM | INDUCED DRAFT MOTOR |
| IFC | INTEGRATED FURNACE CONTROL |
| LAC | LOW AMBIENT COOLING CONTROL |
| LC | LIMIT CONTROL |
| LPC | LOW PRESSURE CONTROL |
| MRLC | MANUAL RESET LIMIT CONTROL |
| NPC | NEGATIVE PRESSURE CONTROL |
| OAT | OUTSIDE AIR SENSOR |
| OFM | OUTDOOR FAN MOTOR |
| PL | PLUG |
| RAT | RETURN AIR SENSOR |
| RC | RUN CAPACITOR |
| RTU-C | ROOFTOP UNIT CONTROL |
| SE | SPARK ELECTRODE |
| ▲ | WIRE NUT |

## 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 CORRECT VOLTAGE - 230 VOLT SHOWN. FOR 208 VOLT OPERATION MOVE BLACK FROM 240 VOLT TAP TO 208 VOLT TAP.
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. ONLY ONE MRLC IS NEEDED ON THE 80,000 BTUH INPUT MODEL.
9. REMOVE PL7 FOR SMOKE DETECTOR ACCESSORY. PL 6 & PL7 LOCATED IN RETURN AIR SECTION.
10. ECONOMIZER LOGIC MODULE (ELM).

## 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
## 208-230V 3 PH, 60 HZ.
## ROOFTOP W/RTU-C
## 5 TON
## 2-STAGE

| DR. BY | APP. BY | DATE | DWG. NO. | REV |
|---|---|---|---|---|
| MGR | | 4-26-13 | 90-103089-37 | Ø2 |