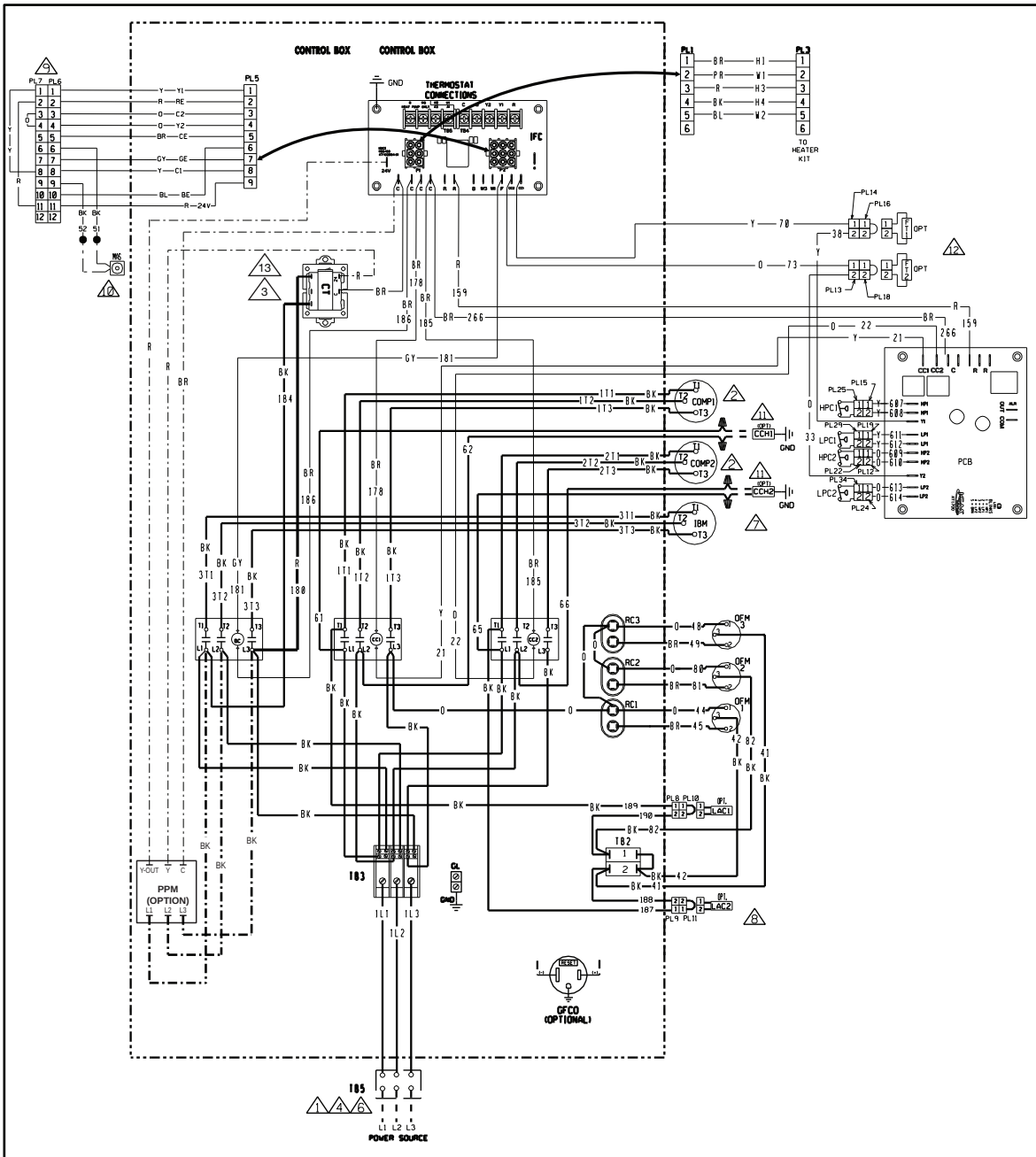



## WIRE COLOR CODE

| | |
|---|---|
| BK.....BLACK | O.....ORANGE |
| BR.....BROWN | PR.....PURPLE |
| BL.....BLUE | R.....RED |
| G.....GREEN | W.....WHITE |
| GY.....GRAY | Y.....YELLOW |

## COMPONENT CODES

| | |
|---|---|
| BC | BLOWER CONTRACTOR |
| CC | COMPRESSOR CONTACTOR |
| CCH | CRANKCASE HEATER |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| FT | FREEZE STAT |
| GFCO | GROUND FAULT CONVENIENCE OUTLET |
| GL | GROUND LUG |
| GND | GROUND |
| HPC | HIGH PRESSURE CONTROL |
| IBM | INDOOR BLOWER MOTOR DRIVE BELT |
| IFC | INTEGRATED FURNACE CONTROL |
| LAC | LOW AMBIENT COOLING CONTROL |
| LPC | LOW PRESSURE CONTROL |
| MAS | MIX AIR SENSOR |
| OFM | OUTDOOR FAN MOTOR |
| RC | RUN CAPACITOR |
| TDC | TIME DELAY CONTROL |
| TSTAT | MOTOR THERMOSTAT |
| PL | POWER TRANSFORMER |
| PPM | PHASE PROTECTION MONITOR |
| | 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 AS SHOWN BELOW. CHANGE PRIMARY VOLTAGE CONNECTION FOR ALTERNATE VOLTAGES, IF REQUIRED.

| UNIT VOLTAGES - HZ | TRANSFORMER TERM. |
|---|---|
| 220-220 - 50 HZ | 230 OR 240 |
| 220-230 - 60 HZ | 230 OR 240 |
| 380 - 60 HZ | 380 |
| 380-415 - 50 HZ | 380 |
| 460 - 60 HZ | 460 |
| 575 - 60 HZ | 575 |

4. CONNECT FIELD WIRE TO FACTORY SUPPLIED POWER BLOCK IN ELECTRIC HEAT SECTION.
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. PL6 & 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.
12. OPTIONAL FT LOCATED IN COMPRESSOR COMPARTMENT.

## WIRING INFORMATION

LINE VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED

LOW VOLTAGE
-FACTORY STANDARD
-FIELD INSTALLED

REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105C. MIN.)

WARNING
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

| | | | |
|---|---|---|---|
| ORIGINAL RELEASE NO.: Y-0645S000 | ELECTRICAL WIRING DIAGRAM (-)LKL-B180/240 208-230/380/460/575V 3 PH, 60 HZ. 200-220/380-415 3 PH, 50 HZ PACKAGED A/C | MODELED BY: MGR | DATE: 08-14-12 |
| APPROVED: / CHECKED: | | PART NO.: 90 - 42517 - 52 | REV: 04 |