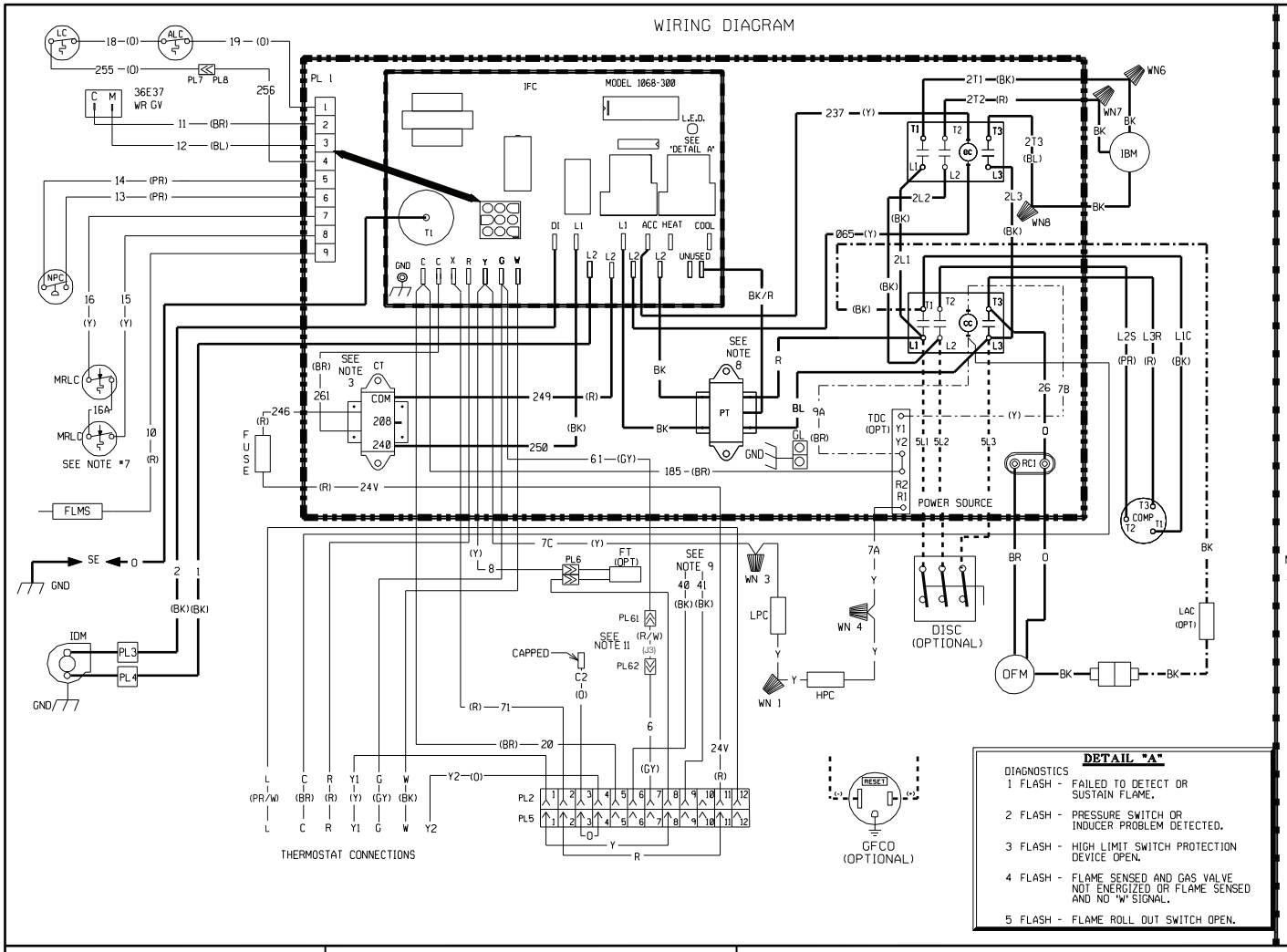
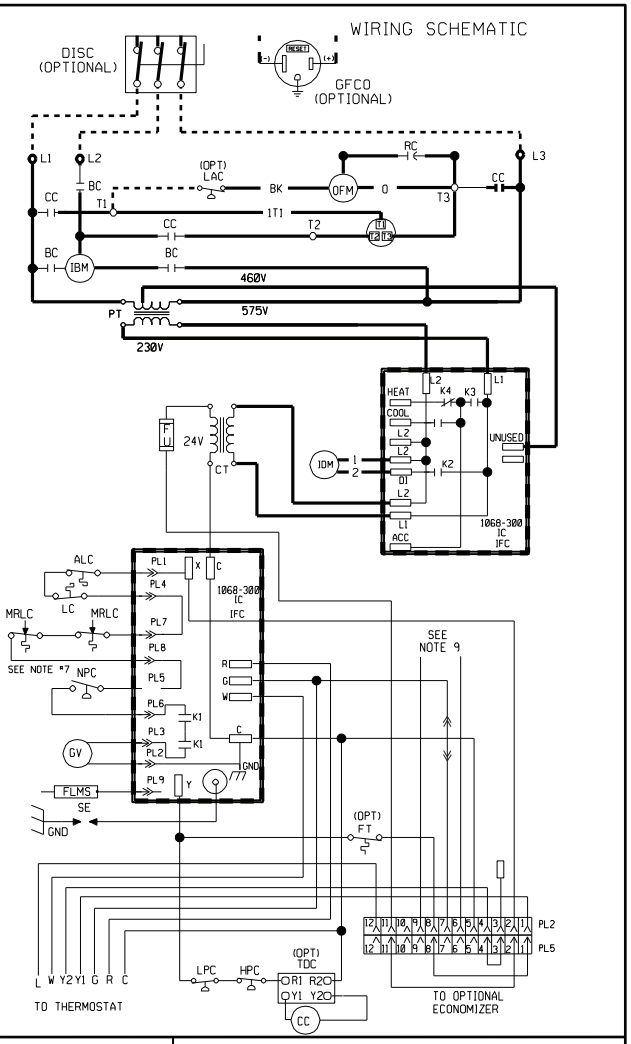



## WIRING INFORMATION

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.

## 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. CONTROL TRANSFORMER FACTORY WIRED FOR 230 VOLT OPERATION. MOVE BLACK WIRE TO 208 VOLT TAP FOR 208 VOLT OPERATION.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED CONTACTOR 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 60 HZ FUSED DISCONNECT.
7. ONLY ONE MRLC IS NEEDED ON THE 80,000 INPUT UNIT.
8. POWER TRANSFORMER PRIMARY LEADS: BLUE-COMMON, RED-575V 50 HZ / 415V 50 HZ.
9. WIRED FROM PL2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.
11. REMOVE JUMPER FOR FIELD INSTALLED OCCUPANCY RELAY.

## COMPONENT CODES

| | |
|---|---|
| ALC | AUX. LIMIT CONTROL |
| BC | BLOWER CONTACTOR |
| CC | COMPRESSOR CONTACTOR |
| 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 DIRECT DRIVE |
| 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 |
| OFM | OUTDOOR FAN MOTOR |
| PL | PLUG |
| RC | RUN CAPACITOR |
| SD | SMOKE DETECTOR |
| SE | SPARK ELECTRODE |
| TDC | TIME DELAY CONTROL |
| WN | WIRE NUT |

## WIRE COLOR CODE

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

ELECTRICAL WIRING DIAGRAM

575, 3 PHASE, 60 HZ
BELT DRIVE

| | | | |
|---|---|---|---|
| APPROVED: | | CHECKED: | ORIGINAL RELEASE NO.: |
| MODELED BY: KDF | | DATE: 04-02-14 | R-1064S001 |
| PART NO.: 90-23596-54 | | | REV: 03 |