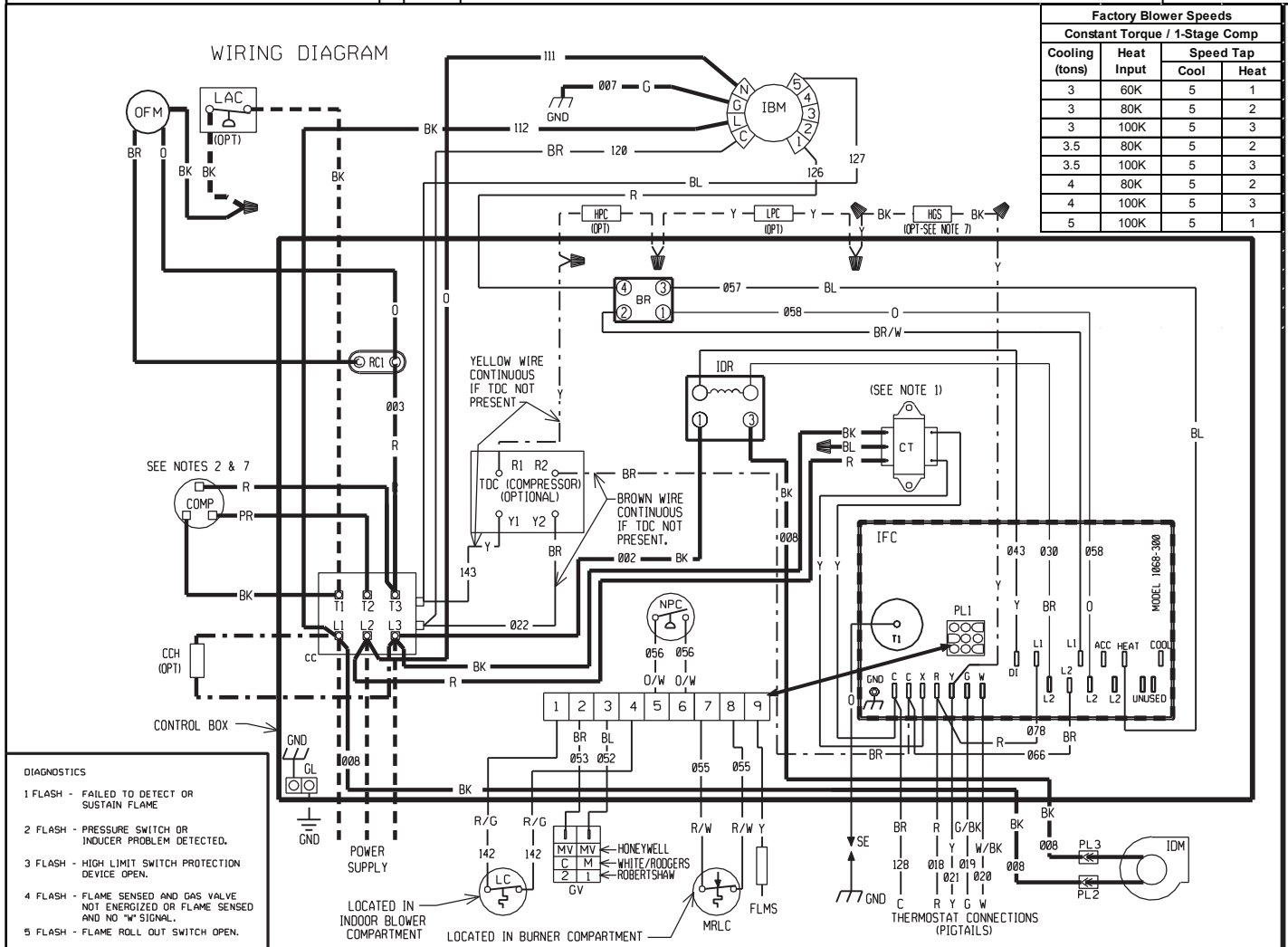
| Factory Blower Speeds | | | |
|---|---|---|---|
| Constant Torque / 1-Stage Comp | | | |
| Cooling (tons) | Heat Input | Speed Tap | |
| | | Cool | Heat |
| 3 | 60K | 5 | 1 |
| 3 | 80K | 5 | 2 |
| 3 | 100K | 5 | 3 |
| 3.5 | 80K | 5 | 2 |
| 3.5 | 100K | 5 | 3 |
| 4 | 80K | 5 | 2 |
| 4 | 100K | 5 | 3 |
| 5 | 100K | 5 | 1 |




DIAGNOSTICS

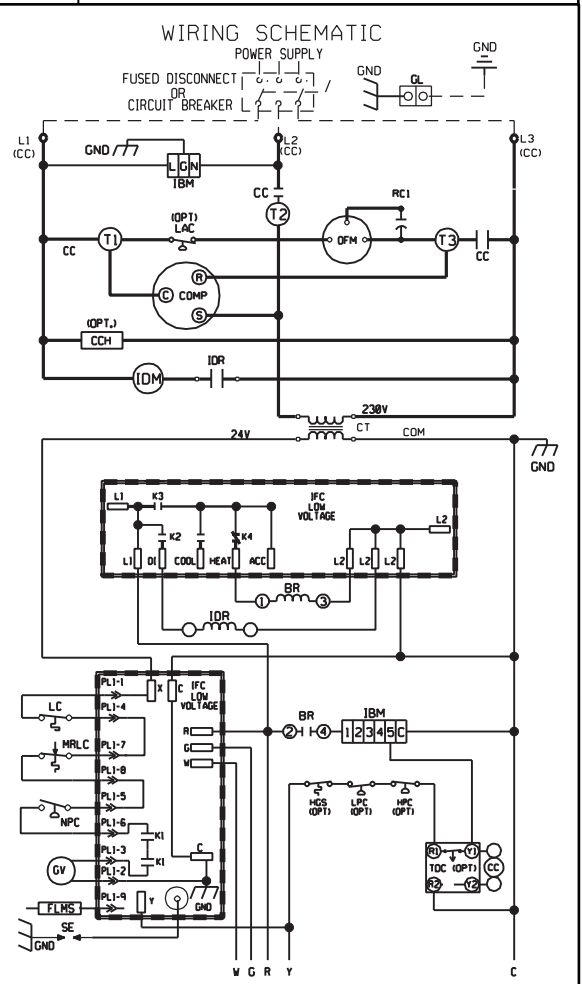
1 FLASH - FAILED TO DETECT OR SUSTAIN FLAME

2 FLASH - PRESSURE SWITCH OR INDUCER PROBLEM DETECTED.

3 FLASH - HIGH LIMIT SWITCH PROTECTION DEVICE OPEN.

4 FLASH - FLAME SENSED AND GAS VALVE NOT ENERGIZED OR FLAME SENSED AND NO "W" SIGNAL.

5 FLASH - FLAME ROLL OUT SWITCH OPEN.




## WIRE COLOR CODE

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

## 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. CONTROL TRANSFORMER PRIMARY LEADS: BLUE - COMMON BK/RD - 460V 60 HZ. / 380V 50 H., RED - 575V, 60 HZ. / 415V 50 HZ.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED.
3. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
4. CONNECT FIELD WIRING IN GROUNDED RAINTIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
6. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.
7. COMPRESSOR PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
8. HPC IS STANDARD ON UNITS WITH MICRO CHANNEL COILS AND REPLACES WIRE 143.

## COMPONENT CODES

| | |
|---|---|
| BR | BLOWER RELAY |
| CC | COMPRESSOR CONTACTOR |
| CCH | CRANKCASE HEATER |
| COMP | COMPRESSOR |
| CT | CONTROL TRANSFORMER |
| FLMS | FLAME SENSOR |
| GL | GROUND LUG |
| GND | GROUND |
| GV | GAS VALVE |
| HPC | HIGH PRESSURE CONTROL |
| IBM | INDOOR BLOWER MOTOR |
| IDR | INDUCED DRAFT RELAY |
| IDM | INDUCED DRAFT MOTOR |
| IFC | ITEGRATED FURNACE CONTROL |
| HGS | HOT GAS SENSOR |
| LAC | LOW AMBIENT COOLING CONTROL |
| LC | LIMIT CONTROL |
| LPC | LOW PRESSURE CONTROL |
| MRLC | MAN. RESET LIMIT CONTROL |
| NPC | NEG. PRESSURE CONTROL |
| OFM | OUTDOOR FAN MOTOR |
| OPT | OPTIONAL |
| PL | PLUG |
| RC | RUN CAPACITOR |
| RES | RESISTOR |
| SE | SPARK ELECTRODE |
| TDC | TIME DELAY CONTROL |
| | WIRE NUT |

ELECTRICAL WIRING DIAGRAM

3.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC
W/ INTEGRATED FURNACE CONTROL
W/ CONSTANT TORQUE BLOWER MOTOR
460V, 3-PHASE

| | | |
|---|---|---|
| APPROVED: | CHECKED: | ORIGINAL RELEASE NO.: |
| MODELED BY: ZJW | DATE: 05-08-14 | R-1059S015 |
| PART NO.: 90-23626-28 | | REV: 01 |