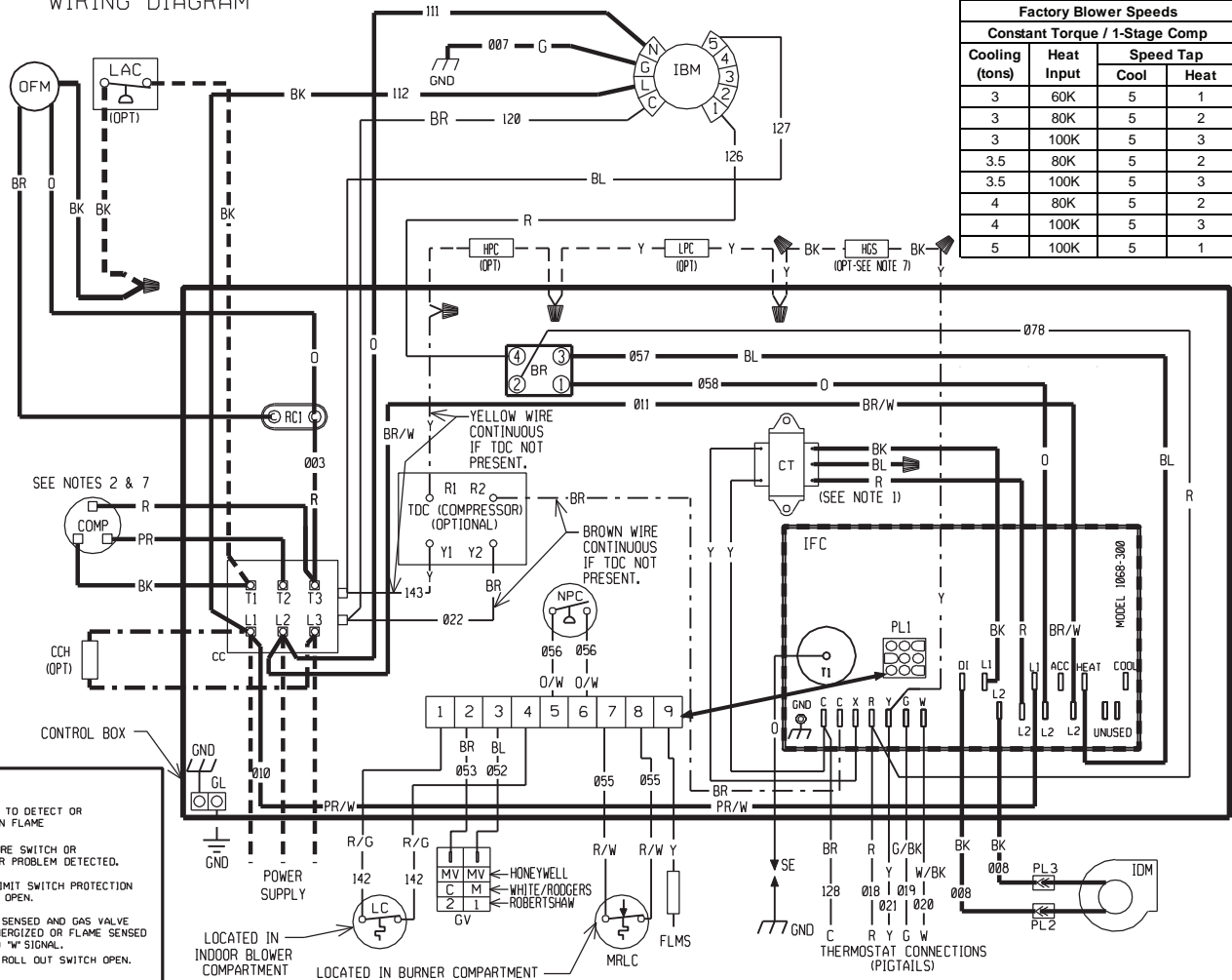
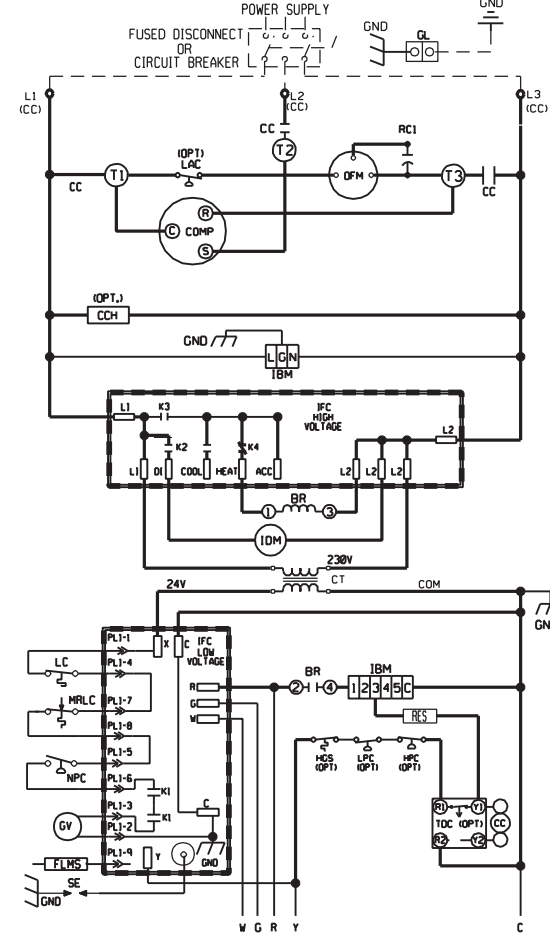


WIRING DIAGRAM



WIRING SCHEMATIC



- DIAGNOSTICS**
- FLASH - FAILED TO DETECT OR SUSTAIN FLAME
 - FLASH - PRESSURE SWITCH OR INDUCER PROBLEM DETECTED.
 - FLASH - HIGH LIMIT SWITCH PROTECTION DEVICE OPEN.
 - FLASH - FLAME SENSED AND GAS VALVE NOT ENERGIZED OR FLAME SENSED AND NO "M" SIGNAL.
 - FLASH - FLAME ROLL OUT SWITCH OPEN.

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

- MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ. RED-COMMON BLUE-208 V BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
- MOTORS & COMPRESSOR THERMALLY PROTECTED. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- CONNECT FIELD WIRING IN GROUNDED RAIN-TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
- LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
- REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.
- COMPRESSOR PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.

COMPONENT CODES

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

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

3.0 - 5.0 TON SINGLE STAGE GAS/ELECTRIC W/ INTEGRATED FURNACE CONTROL W/ CONSTANT TORQUE BLOWER MOTOR 208/230V, 3-PHASE

APPROVED:	CHECKED:	ORIGINAL RELEASE NO.:
MODELED BY: ZJW	DATE: 05-07-14	R-1059S015
PART NO.:	90-23626-25	REV: 00