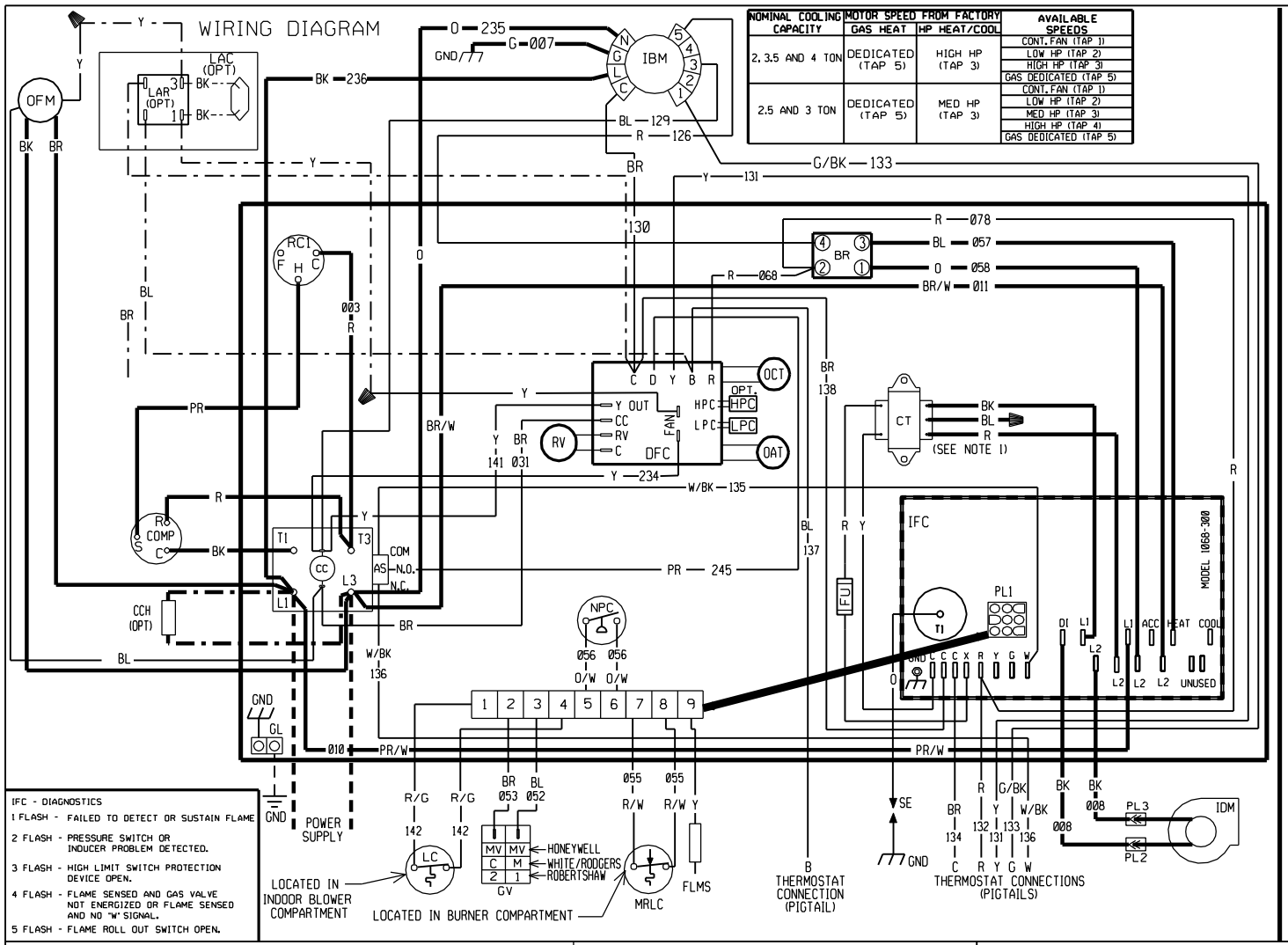


NOMINAL COOLING CAPACITY	MOTOR SPEED FROM FACTORY GAS HEAT	HP HEAT/COOL	AVAILABLE SPEEDS
2, 3.5 AND 4 TON	DEDICATED (TAP 5)	HIGH HP (TAP 3)	CONT. FAN (TAP 1) LOW HP (TAP 2) HIGH HP (TAP 3) GAS DEDICATED (TAP 5)
2.5 AND 3 TON	DEDICATED (TAP 5)	MED HP (TAP 3)	CONT. FAN (TAP 1) LOW HP (TAP 2) MED HP (TAP 3) HIGH HP (TAP 4) GAS DEDICATED (TAP 5)

IFC - DIAGNOSTICS

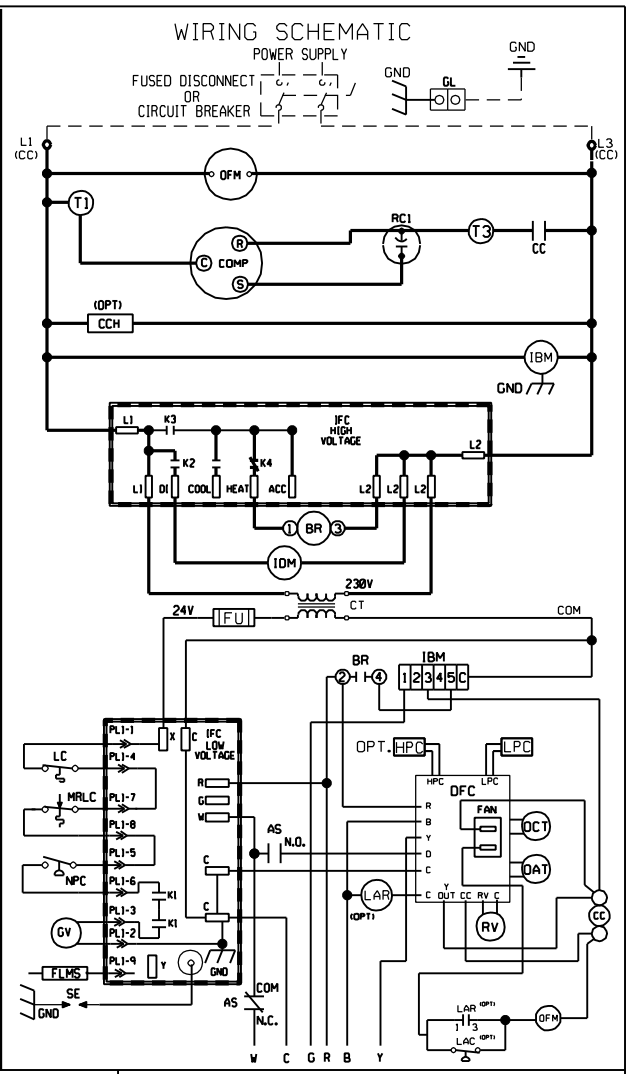
1 FLASH - FAILED TO DETECT OR SUSTAIN FLAME

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.



COMPONENT CODE

AS	AUXILIARY SWITCH
BR	BLOWER RELAY
CC	COMPRESSOR CONTACTOR
CCH	CRANKCASE HEATER
COMP	COMPRESSOR
CT	CONTROL TRANSFORMER
DFC	DEFROST CONTROL
FLMS	FLAME SENSOR
FU	FUSE
GL	GROUND LUG
GND	GROUND
GV	GAS VALVE
HPC	HIGH PRESSURE CONTROL
IBM	INDOOR BLOWER MOTOR
IDM	INDUCED DRAFT MOTOR
IFC	ITEGRATED FURNACE CONTROL
LAC	LOW AMBIENT COOLING CONTROL
LAR	LOW AMBIENT RELAY
LC	LIMIT CONTROL
LPC	LOW PRESSURE CONTROL
MRLC	MAN. RESET LIMIT CONTROL
NPC	NEG. PRESSURE CONTROL
OAT	OUTDOOR AMBIENT TEMP
OBD	ON BOARD DIAGNOSTICS
OCT	OUTDOOR COIL TEMP
OFM	OUTDOOR FAN MOTOR
OPT	OPTIONAL
PL	PLUG
RC	RUN CAPACITOR
RV	REVERSING VALVE
SC	START CAPACITOR
SE	SPARK ELECTRODE
SR	START RELAY
TDC	TIME DELAY CONTROL
	WIRE NUT

NOTES:

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ. RED-COMMON BLUE-208 V BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
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. DFC HAS JUMPER ON HPC TERMINALS IF HPC NOT INSTALLED.

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., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

WIRE COLOR CODE

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

ELECTRICAL WIRING DIAGRAM

DUAL FUEL PACKAGE UNIT WITH INTEGRATED FURNACE CONTROL AND ECM OUTDOOR MOTOR
208/230V, 1 - PHASE

DR. BY	APP. BY	DATE	DWG. NO.	REV
MGR		7-19-10	90-23621-38	01