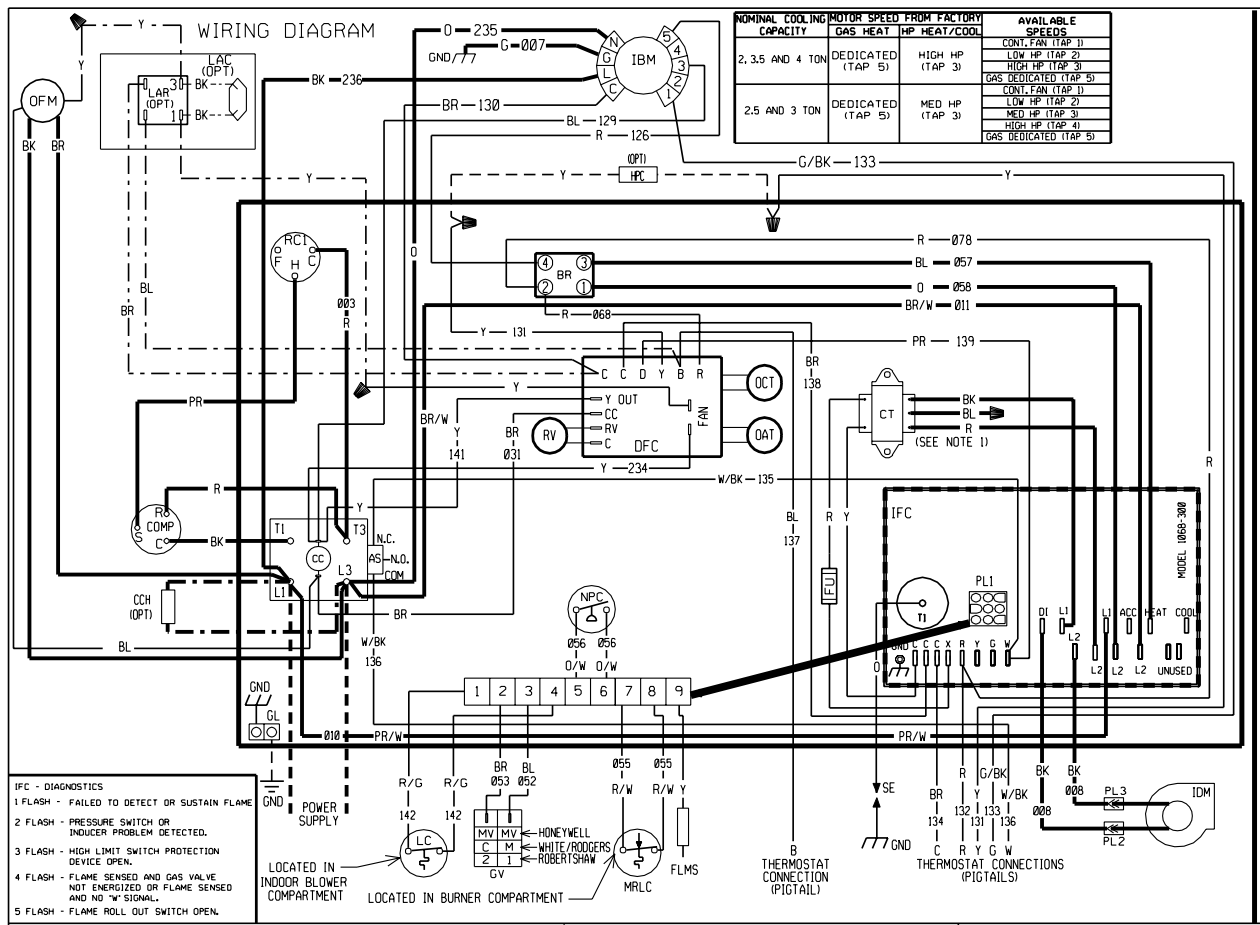


NOMINAL COOLING CAPACITY	MOTOR SPEED FROM FACTORY		AVAILABLE SPEEDS
	GAS HEAT	HP HEAT/COOL	
2, 3.5 AND 4 TON	DEDICATED (TAP 5)	HIGH HP (TAP 3)	CONT. FAN (TAP 1)
			LOW HP (TAP 2)
			HIGH HP (TAP 3)
			GAS DEDICATED (TAP 5)
2.5 AND 3 TON	DEDICATED (TAP 5)	MED HP (TAP 3)	CONT. FAN (TAP 1)
			LOW HP (TAP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

IFC - DIAGNOSTICS

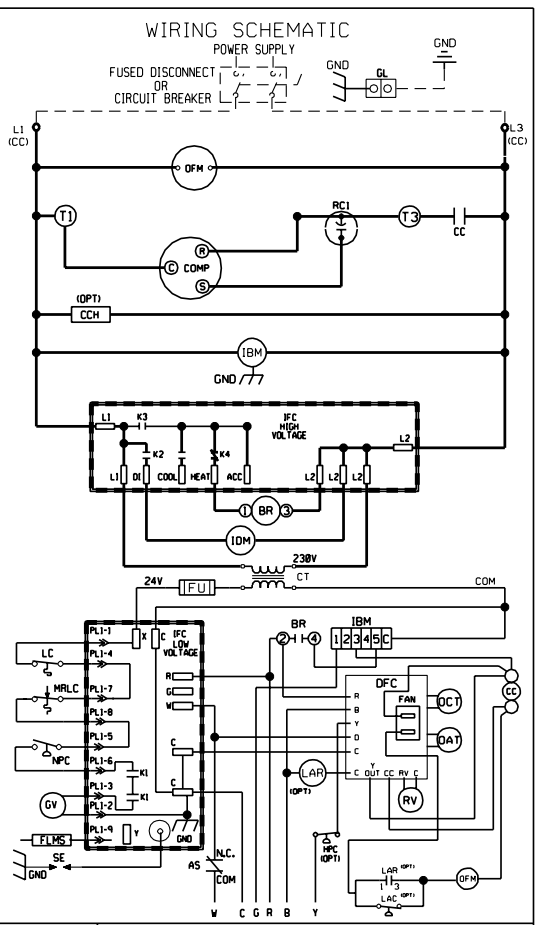
1 FLASH - FAILED TO DETECT OR SUSTAIN FLAME

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

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. AND LOCAL CODES AS APPLICABLE.

WIRE COLOR CODE

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

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
MCB		11-3-05	90-23621-24	01