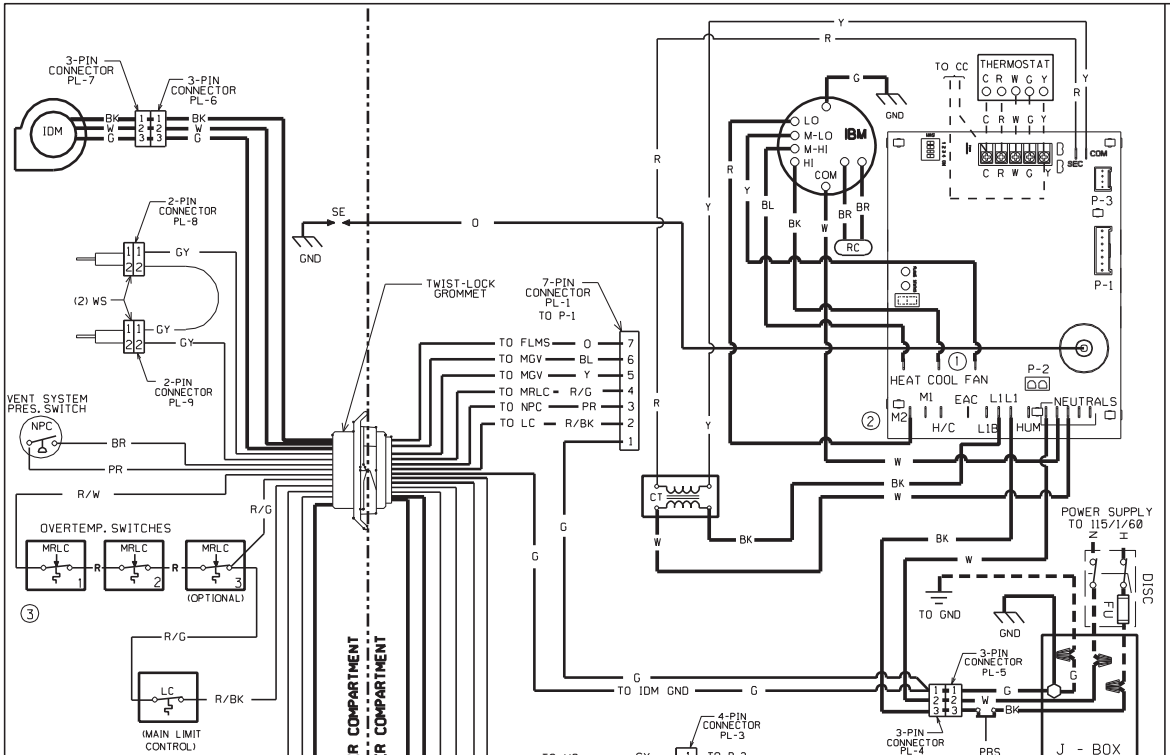

COMPONENT CODE

BLWR	BLOWER RELAY
C	COMMON
CC	COOLING CONTACTOR
CT	CONTROL TRANSFORMER
DISC	DISCONNECT SWITCH
EAC	ELECT. AIR CLEANER OUTPUT
FLMS	FLAME SENSOR
FR	FAN RELAY
FU	FUSE
GND	GROUND
GVR	GAS VALVE RELAY
HALC	HEAT ASSISTED LIMIT CONTROL
HCR	HEAT/COOL RELAY
HPC	HIGH PRESSURE CONTROL
HUM	HUMIDIFIER OUTPUT
IBM	INDOOR BLOWER MOTOR
IDM	INDUCED DRAFT MOTOR
IDR	INDUCED DRAFT RELAY
IFC	INTEGRATED FURNACE CONT
LC	LIMIT CONTROL
LPC	LOW PRESSURE CONTROL
M	MAIN
MC	MEMORY CARD
MGV	MAIN GAS VALVE
MRLC	MAN. RESET LIMIT CONTROL
NEU	NEUTRAL
NPC	NEGATIVE PRESSURE CONT.
PBS	PUSH BUTTON SWITCH
PFC	POWER FACTOR CHOKE
PL	PLUG
PS	PRESSURE SWITCH
RC	RUN CAPACITOR
SE	SPARK ELECTRODE
TM	THERMISTOR
WS	WATER SENSOR
▲	WIRE NUT

NOTES:

1. REFER TO SPEC SHEET FOR ACTUAL FACTORY MOTOR TAP PLACEMENT OF "HEAT" & "FAN" AS SOME MODELS MAY BE DIFFERENT THAN SHOWN HERE. ALSO REFER TO SPEC. SHEET OR INSTALLATION MANUAL IF WIRING OF HEAT AND/OR COOL SPEEDS IS NOT DESIREABLE.
2. CONNECT UNUSED MOTOR LEADS TO M1 AND/OR M2
3. TWO OR THREE MRLC SWITCHES MAY BE PRESENT DEPENDING ON MODEL.

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

UPFLOW / DOWNFOLW - HORIZONTAL
BLOWER INDUCED DRAFT
SINGLE STAGE 90PLUS
GAS FIRED, FORCED AIR FURNACE

DR. BY	APP. BY	DATE	DWG. NO.	REV
JIM		1-10-12	90-104294-01	08