



**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 (105C. MIN.)

**WARNING**

-CABINET MUST BE PERMANENTLY GROUNDING AND CONFORM TO I.E.C., N.E.C., C.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

**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

**COMPONENT CODES**

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  
 ▲ WIRE NUT

**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**

DOWNFLOW  
 BLOWER INDUCED DRAFT  
 SINGLE STAGE 80PLUS, PSC  
 GAS FIRED, FORCED AIR FURNACE

APPROVED:	CHECKED:	ORIGINAL RELEASE NO.:
MODELED BY: JIM	DATE: 1-29-14	G-1021500
PART NO.: 90-104961-05		REV: 04