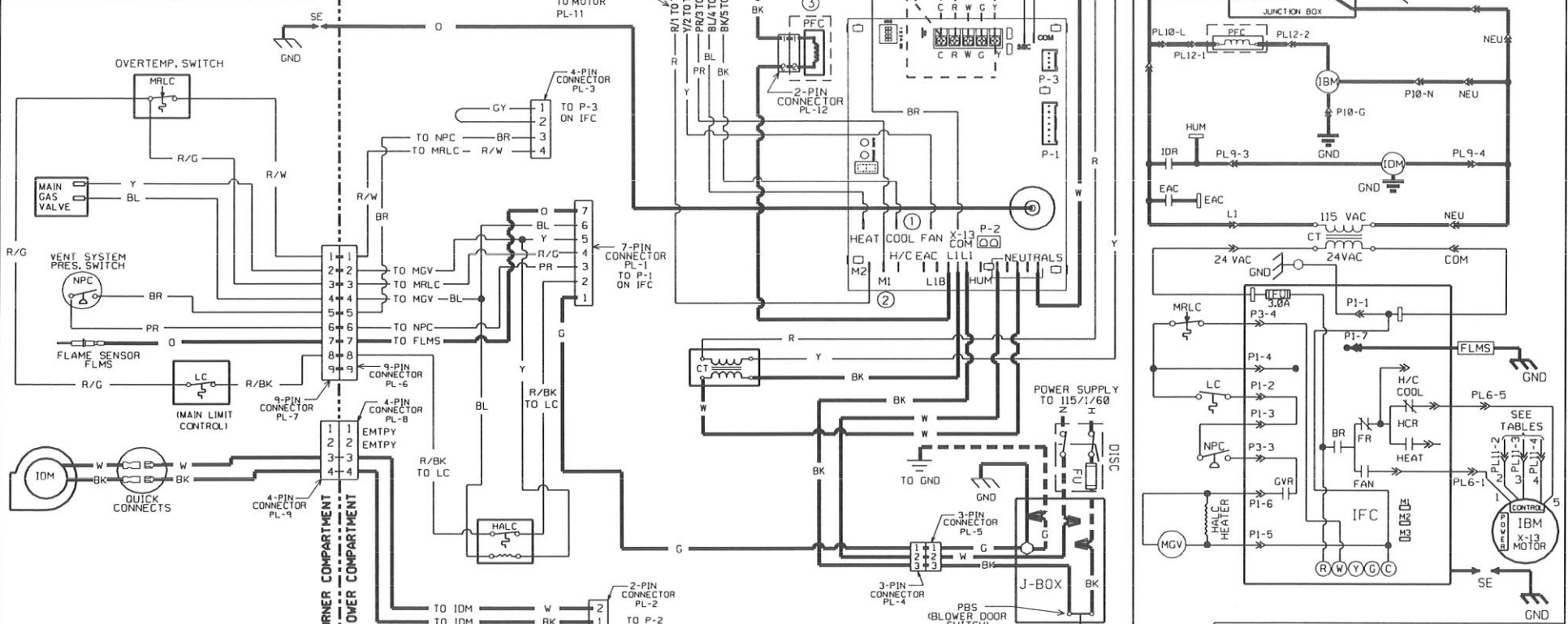


PRINTING INSTRUCTIONS: MAKE EXACTLY 7.0 IN X 10.0 IN. WHITE BACKGROUND WITH BLACK PRINTING

MATERIAL: ADS-4574-01, PRESSURE SENSITIVE, ADHESIVE BACKED MATERIAL

REVISIONS	06	DELETED "ALT HEAT" COLUMN FROM "MOTOR SPEED WIRING" TABLE.	VYM	Y-0699S061	04/09/19	NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM FRIEM THROUGH AN AUTHORIZED CHANGE NOTICE. A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING FRIEM R&D AND PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR WORKMANSHIP. *ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.
	07	ADDED 50K INPUT SIZE TO MOTOR SPEED WIRING TABLE.	VYM	G-1028S031	08/19/19	
	05	UPDATED MISC SPELLING ERRORS AND LOW VOLTAGE WIRING LINE TYPES.	CCG	G-0003S501	7/5/17	

MOTOR SPEED WIRING			
FURNACE INPUT / SIZE	HEAT* (FACTORY)	COOL (FACTORY)	CONT FAN (FACTORY)
50K / 14 WIDE	YL/2	BK/5	R/1
75K / 17 WIDE	BL/4	BK/5	R/1
75K / 21 WIDE	PR/3	BK/5	R/1
100K / 21 WIDE	BL/4	BK/5	R/1
125K / 24 WIDE	BL/4	BK/5	R/1



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 GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

- NOTES**
- 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.
 - CONNECT UNUSED MOTOR LEADS TO MI AND/OR M2
 - JUMPER USED IN PLACE OF PFC ON 1/2 H.P. MOTOR MODELS.
 - ACTUAL PLUG CONNECTOR TO MOTOR WILL VARY DEPENDING ON MOTOR BRAND.

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

WIRE COLOR CODE

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

DOWNFLOW
 BLOWER INDUCED DRAFT
 80PLUS SINGLE STAGE
 CONSTANT TORQUE X-13
 GAS FIRED, FORCED AIR FURNACE

APPROVED:	CHECKED: UB	ORIGINAL RELEASE NO.:
MODED BY: JIM	DATE: 6-16-14	G-1021S030
PART NO.: 90-104961-04	REV: 07	