

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

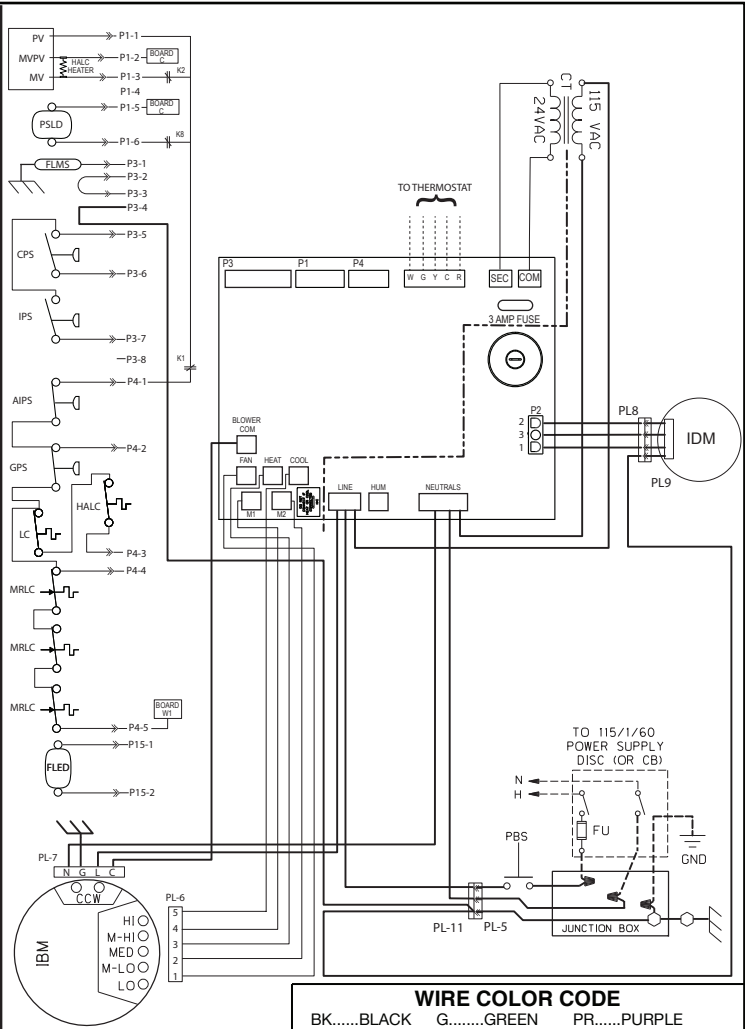
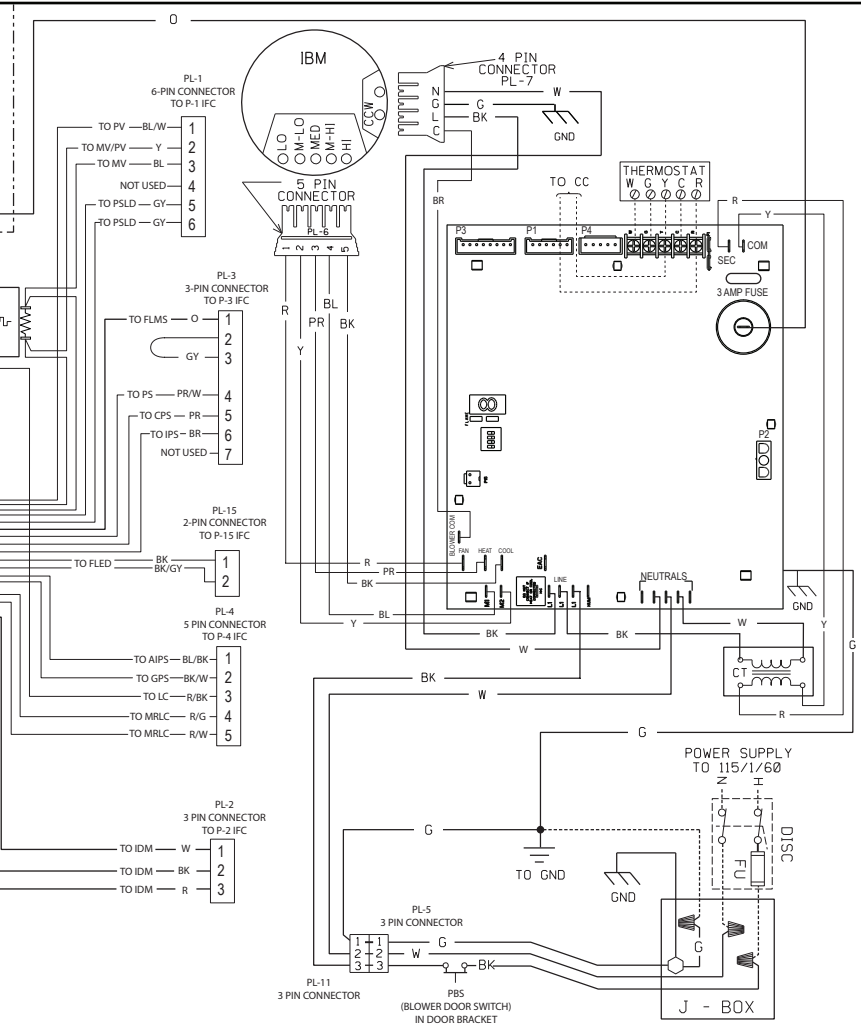
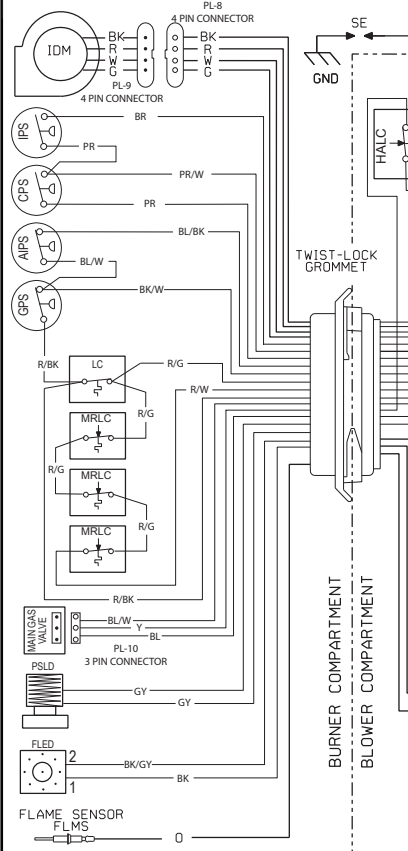
04	180K FURNACE MODEL CHANGED TO 100K ON MOTOR SPEED WIRING CHART.	VYM	G-1022S025 04/16/18
05	CHANGED WIRE FROM FLED TO BK/GY WAS BK	VYM	G-1022S026 05/16/18
06	ADDED GROUND WIRE FROM BOARD TO EYELET.	VYM	G-1022S031 06/21/18

NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEEM THROUGH AN AUTHORIZED CHANGE NOTICE. A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEEM 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.

NOTE: THE DOTTED BOX NEAR THE DRAWING NUMBER REPRESENTS A 25 X .25 2D DATA MATRIX. SEE ADS-104669-01 FOR DATA MATRIX SPECS.

MOTOR SPEED WIRING

FURNACE MODEL	HEAT* (FACTORY)	COOL* (FACTORY)**	CONT FAN (FACTORY)
50K	R/1	BL/4	Y/2
70K	PR/3	BL/4	R/1
100K	PR/3	BK/5	R/1



WIRING INFORMATION

LINE VOLTAGE
 -FACTORY STANDARD _____
 -FACTORY OPTION - - - - -
 -FIELD INSTALLED - - - - -

LOW VOLTAGE
 -FACTORY STANDARD _____
 -FIELD INSTALLED - - - - -

REPLACEMENT WIRE
 -MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105C. MIN.)

WARNING
 -CABINET MUST BE PERMANENTLY GROUND 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

AIPS AIR INLET PRESSURE SWITCH (NC)
 BLWR BLOWER RELAY
 C COMMON
 CC COOLING CONTACTOR
 CT CONTROL TRANSFORMER
 COMB COMBUSTION PRESSURE SWITCH
 CPS DISCONNECT SWITCH
 DISC ELECTRONIC AIR CLEANER OUTPUT
 EAC FLAME LED
 FLED FLAME SENSOR
 FLMS FAN RELAY
 FR FUSE
 FU FUSE
 GND GROUND
 GVR GAS VALVE RELAY
 GVS GAS PRESSURE SWITCH
 HALC HEAT ASSISTED LIMIT CONTROL
 HCR HEAT/COOL RELAY
 HUM HUMIDIFIER OUTPUT
 IBM INDOOR BLOWER MOTOR

COMPONENT CODES

IDM INDUCED DRAFT MOTOR
 IDR INDUCED DRAFT RELAY
 IFC INTREGRATED FURNACE CONTROL
 IPS IGNITION PRESSURE SWITCH
 LC LIMIT CONTROL
 M MAIN
 MC MEMORY CARD
 MGV MAIN GAS VALVE
 MRLC MAIN VALVE PILOT VALVE (COMMOM)
 MVPV MANUAL RESET LIMIT CONTROL
 NEU NEUTRAL
 PBS PUSH BUTTON SWITCH
 PL PLUG
 PS PRESSURE SWITCH
 PSLD PILOT SOLEINOID
 PV PILOT VALVE
 SE SPARK ELECTRODE
 ▲ 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

UPFLOW ULTRA LOW NOX
 INDUCED DRAFT 80 PLUS
 SINGLE STAGE CONSTANT TORQUE
 SELECT - TECH / ENDURA PRO GAS FIRED,
 FORCED AIR FURNACE

APPROVED:	CHECKED:	ORIGINAL RELEASE NO.:
MODELED BY: JHB	DATE: 7/6/16	G-1022S007
PART NO.: 90-105579-01	REV: 06	