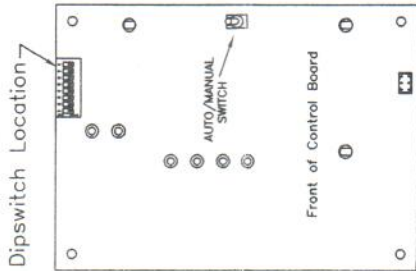


# Hearth & Home Technologies

Microprocessor Control Board  
 Dipswitch settings  
 For 120VAC 60 Hz

UPDATED July 22, 2014  
 PART # 3-89-677402

File: [ hormanfs1\data\autocad\_drawing\ELECTRICAL\3-89-677402.dwg



CONTROL BOARD PART #	WHERE USED	REVISION RELEASE DATE
3-20-05886E	Freestanding Pellet Stoves<--NEW SETTINGS	October 2010
3-20-05887B	PC 45 corn/pellet stove	Dec. 2010
3-20-05888D	PF 100, BA 100, BIO120 PF120 (hot air furnace)	July 2013
3-20-05889A	DVC direct vent coal stoker	May 2008
3-20-06142E	P61 manual, Super-Mag Stoker, P38	Dec. 2010
3-20-06143D	PB105, BH105, PB105 INTL, HF60, BH60, HF60 INTL (boilers)	Dec. 2010

Part #	Model	Pressure Ignition	Finned Cartridge Ignition	Manual Ignition
3-20-05888D	PB105 (10RPM)	PB105 (10RPM)	PF100 (6RPM)	3-20-06142E
3-20-05888D	BIO120	BIO120	3-20-06143D	SUPER MAG
3-20-05887B	PC45 (Pellet -2 Feedr)	PC45 (Pellet -2 Feedr)	XXV/P35I	3-20-06142E
3-20-05887B	PC#5 (CCRN -2 Feedr)	PC#5 (CCRN -2 Feedr)	3-20-05886E	P33
3-20-05887B	HF60/BH60 (6RPM)	HF60/BH60 (6RPM)	P43	3-20-06142E
3-20-06143D	HF60 INTL (6RPM)	HF60 INTL (6RPM)	P68 UL Feedr (6RPM)	P61
3-20-06143D	PB105 INTL (10RPM)	PB105 INTL (10RPM)	3-20-05886E	3-20-05889A
3-20-06143D	HF60 INTL (6RPM)	HF60 INTL (6RPM)	P68 -2 Feedr (4RPM)	DVC 500

NOTE: A connected DDM ( Diagnostic Display Monitor) on power up will show an OFF as 0, and an ON as 1.

Dipswitch # 1,2,3 control the ignition cycle "charge" ( quantity of pellets augered into the burn pot on startup ).\*

Dipswitch # 4 factory set OFF for power failure shutdown with in line (short term battery back-up, UPS) \*

Dipswitch # 5 is for ESP type. This switch will need to be OFF with any ESP other than RED.

Dipswitch # 6 is for Room Sensor Differential. "ON" reduces the Diff. by 1 deg. F.

Dipswitch # 6 is for BOILERS. "ON" when using atmospheric kit or high altitude installation. \*

Dipswitch # 7,8 set the MAX ESP temperature for specific models. ( Set as shown above.)

( NOTE: Be sure that all of these switch settings are set for the unit in which they are being installed )

\* see owners manual

Dipswitch	on,on,on	on,on,off	on,off,on	on,off,off	off,off,on	off,on,off	off,on,on
1,2,3	program +85 sec.	program +64 sec.	program +43 sec.	program +21 sec.	program default	program -21 sec.	program -43 sec.
							program -64 sec.