

Hearth & Home Technologies

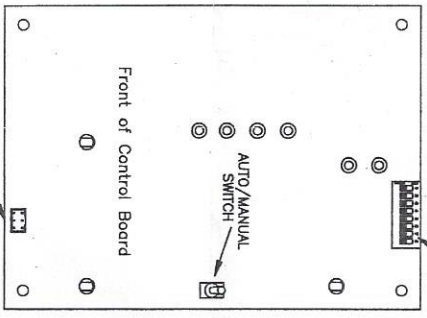
Microprocessor Control Board
 Dipswitch settings
 For 120VAC 60 Hz

UPDATED December 15, 2010
 PART # 3-89-677402

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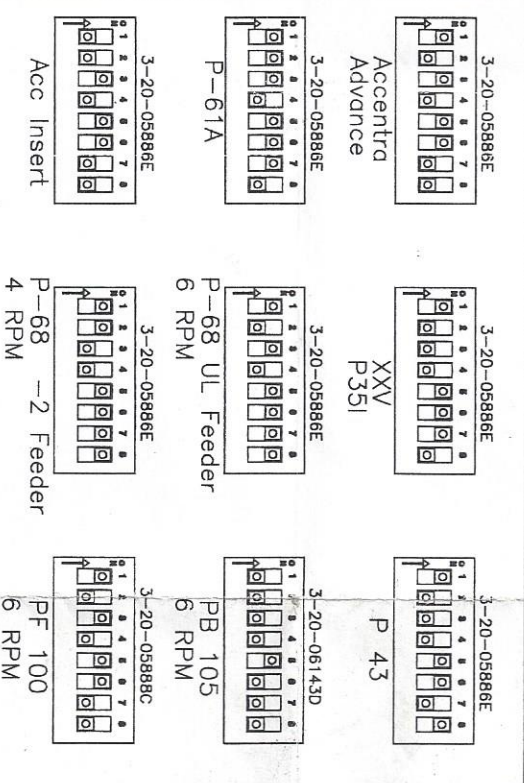
CONTROL BOARD PART #	WHERE USED	REVISION RELEASE DATE
3-20-05886E	Freestanding Pellet Stoves<--NEW SETTINGS	October 2010
3-20-05887B	PC 45 corn/pellet stove	Dec. 2010
3-20-05888C	PF 100 , BA 100 (hot air furnace)	Dec. 2010
3-20-05889A	DVC direct vent cool stoker	May 2008
3-20-06142E	P61 manual, Super-Mag Stoker, P38	Dec. 2010
3-20-06143D	PB 105, BH 105, HF 60, BH60 boilers	Dec. 2010

Dipswitch Location

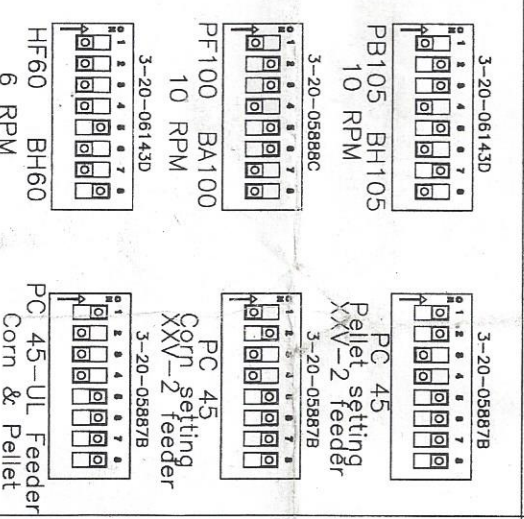


Dipswitch 1,2,3
off,off,off = program default
off,off,on = program -21 sec.
off,on,off = program -43 sec.
off,on,on = program -64 sec.
on,off,off = program +21 sec.
on,off,on = program +43 sec.
on,on,off = program +64 sec.
on,on,on = program +85 sec.

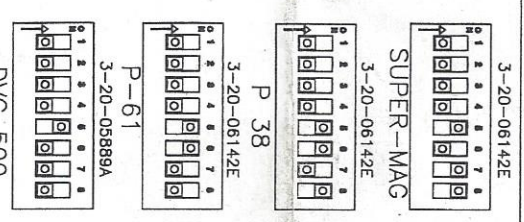
Finned Cartridge Ignition



Pressure Ignition



Manual Ignition



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 BOLLERS. "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

3-89-677402