

Hearth & Home Technologies

Microprocessor Control Board
Dipswitch settings
For 120VAC 60 Hz

UPDATED ----- 04-23-2009

File: [harmanf1\data\autocad_drawings\XXV_PELLET\Dipswitch settings.dwg]

CONTROL BOARD PART

WHERE USED

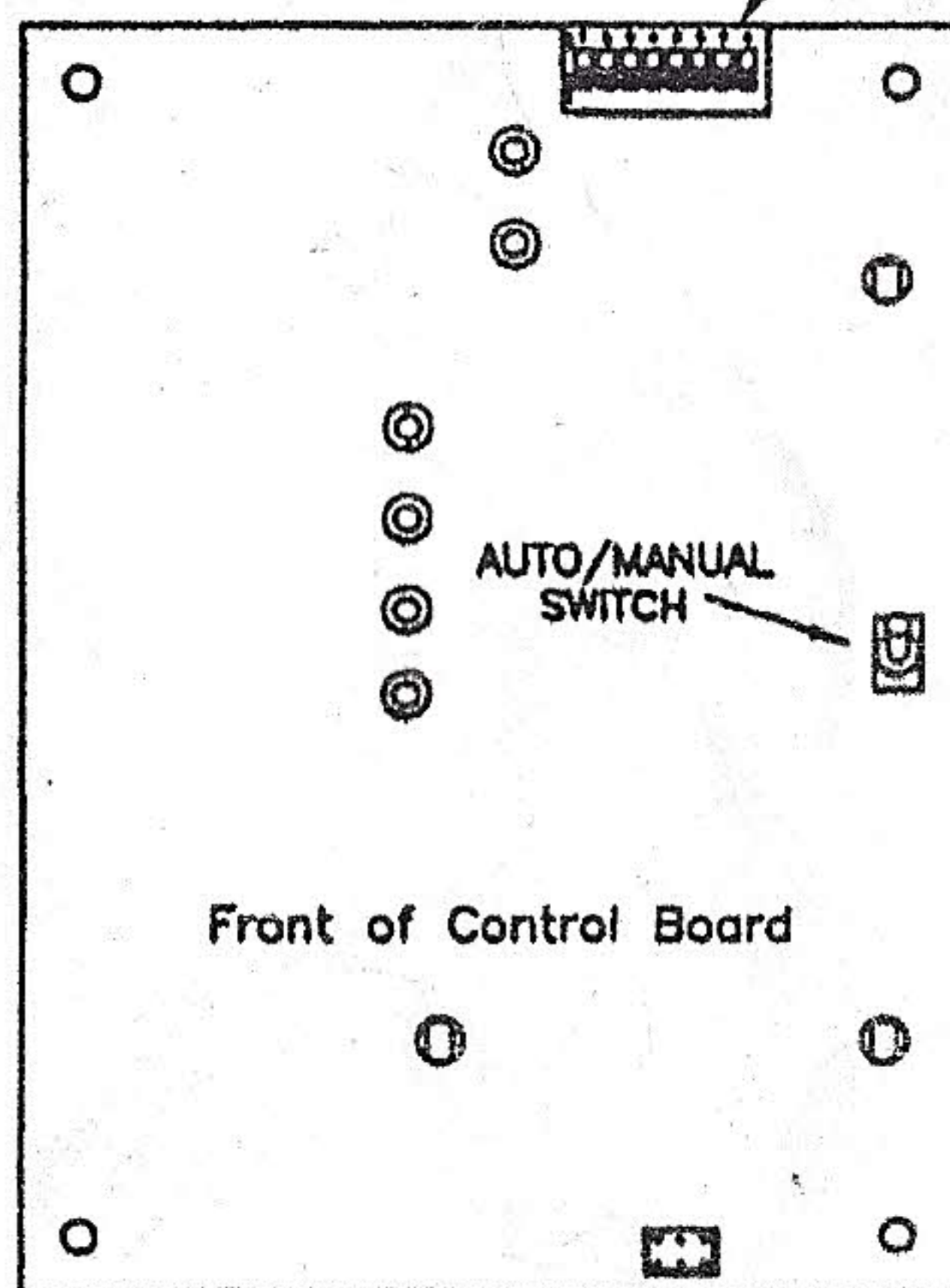
REVISION RELEASE DATE

3-20-05886B
3-20-05887A
3-20-05888B
3-20-05889A
3-20-05890B
3-20-06143C

Freestanding Pellet Stoves
PC 45 corn/pellet stove
PF 100 , BA 100 hot air furnace
DVC direct vent coal stoker
P61 manual freestanding pellet stove
PB 105, BH 105, HF 60, BH60 boilers

May 2008
June 2008
April 2009
May 2008
May 2008
Feb. 2009

Dipswitch Location

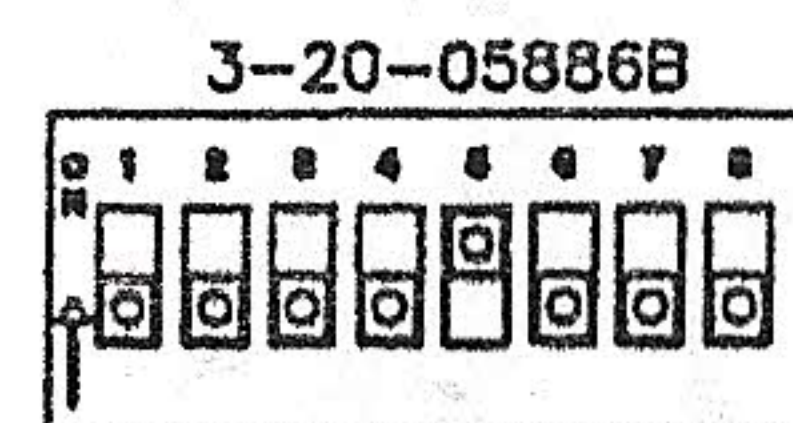


Front of Control Board
DIPSWITCH
AUTO/MANUAL SWITCH
DDM PORT
(Diagnostic Display Monitor)

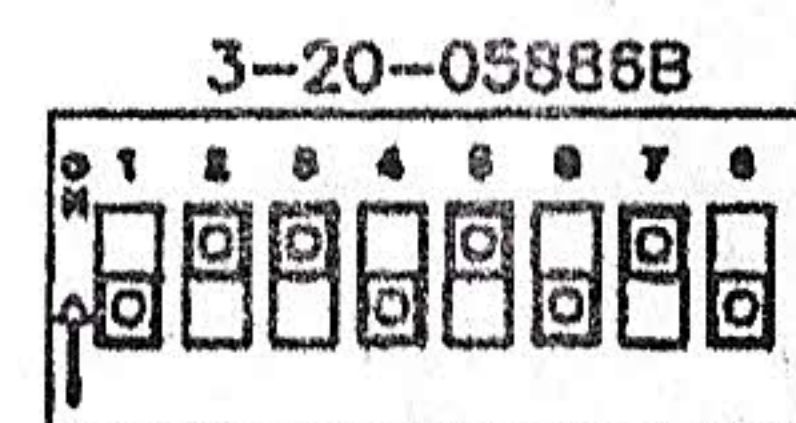
Finned Cartridge Ignition

Pressure Ignition

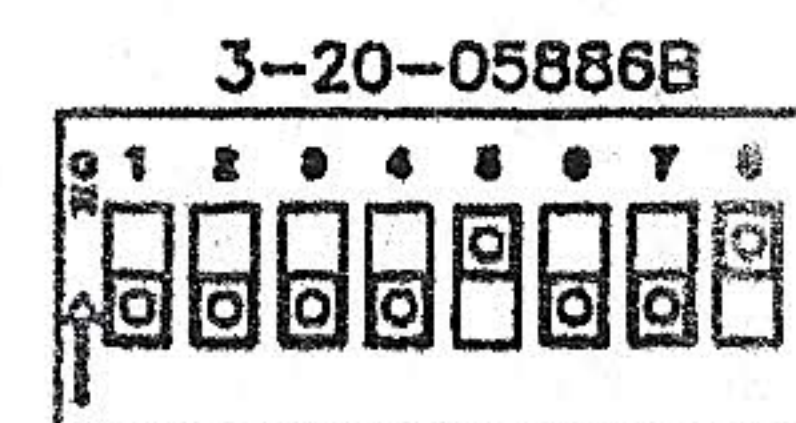
Manual Ignition



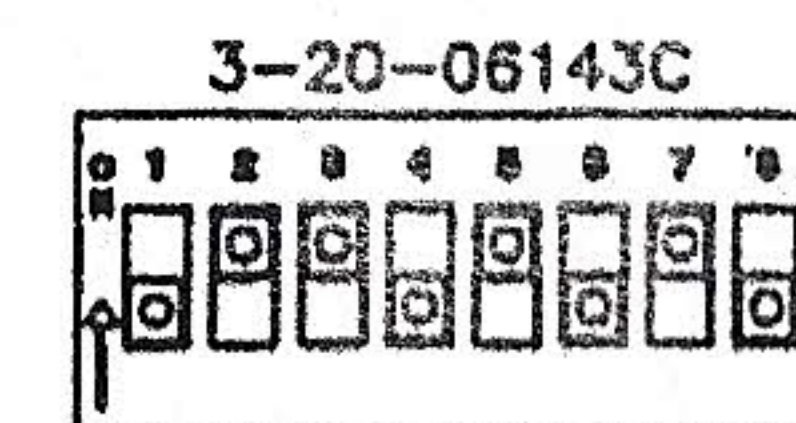
3-20-05886B
Accentra
Advance



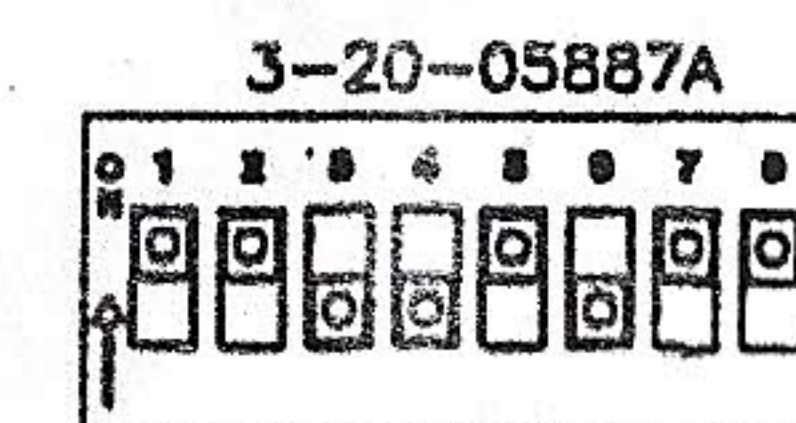
3-20-05886B
XXV



3-20-05886B
P 43

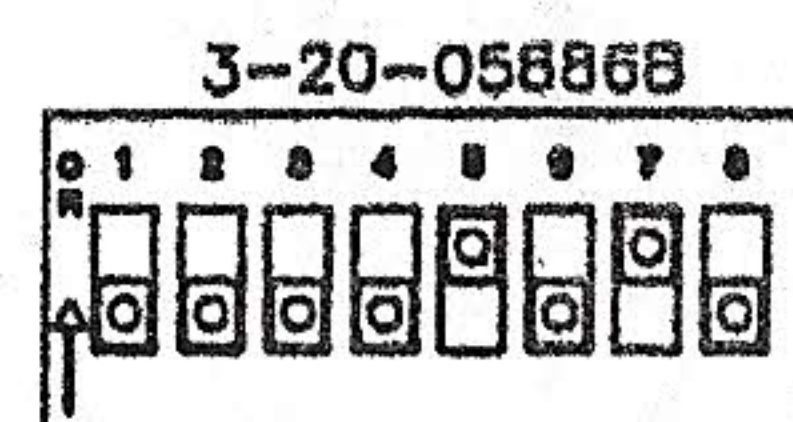


3-20-06143C
PB105 BH105
10 RPM

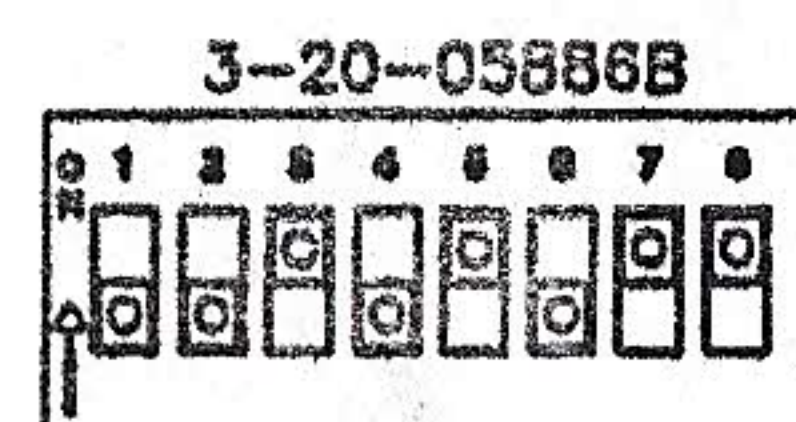


3-20-05887A
PC 45
Pellet setting

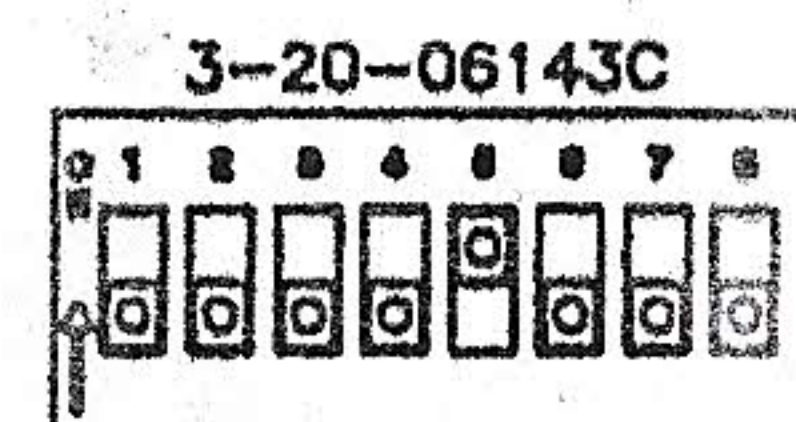
3-20-05890B



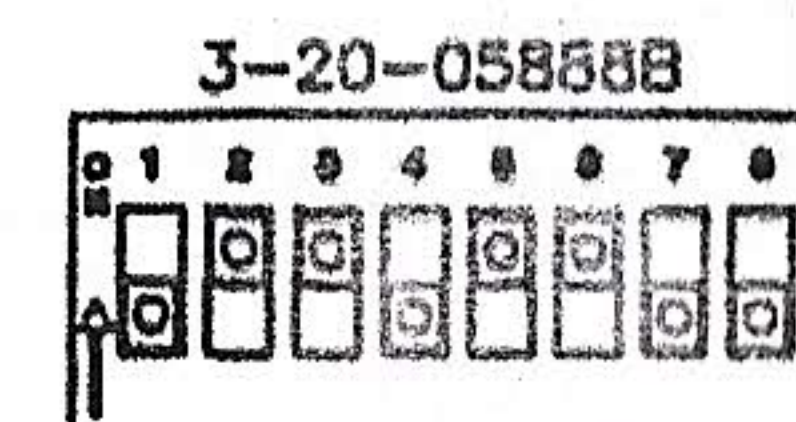
3-20-05886B
P-61A



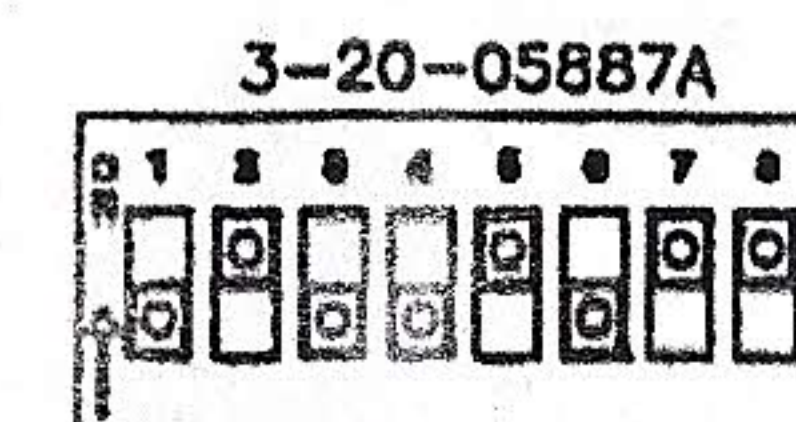
3-20-05886B
P-68 UL Feeder
6 RPM



3-20-06143C
PB 105
6 RPM



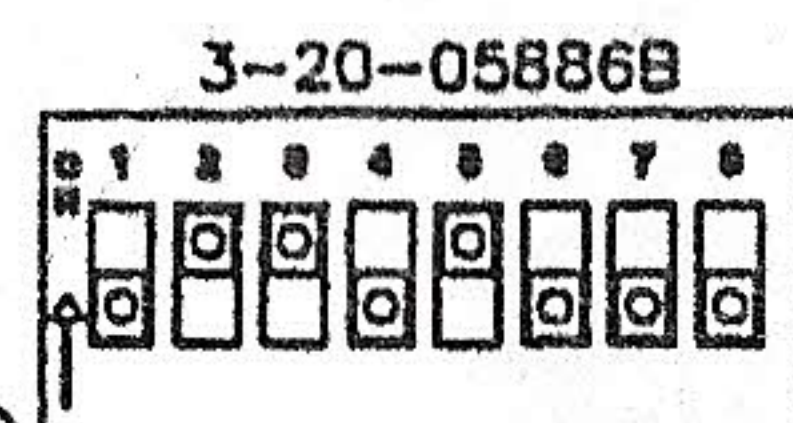
3-20-05888B
PF100 BA100
10 RPM



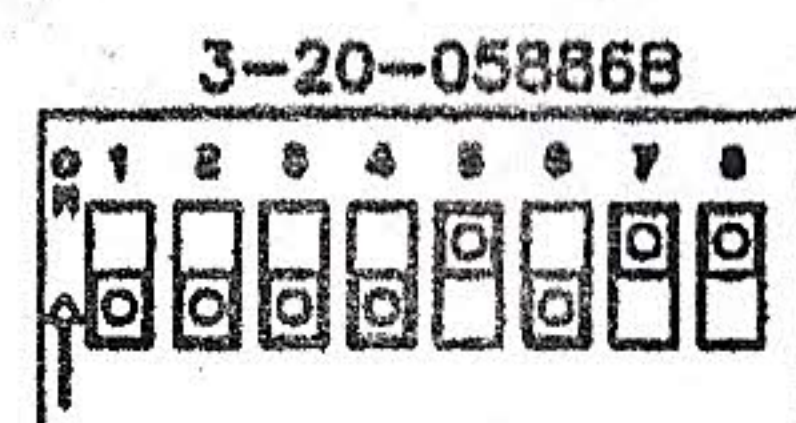
3-20-05887A
PC 45
Corn setting

3-20-05890B

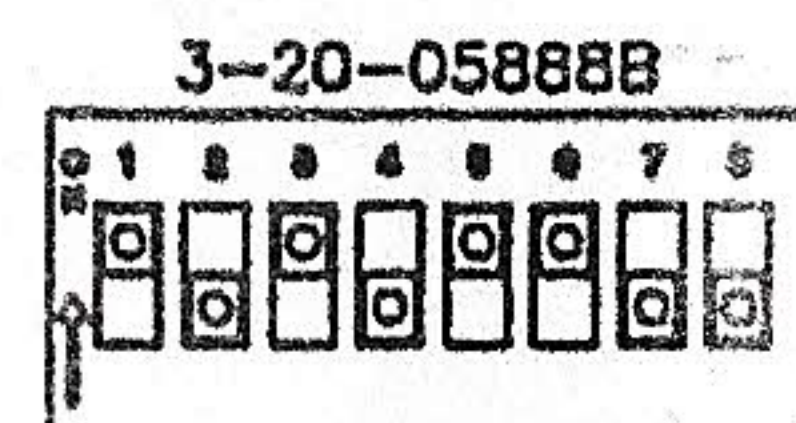
P-61



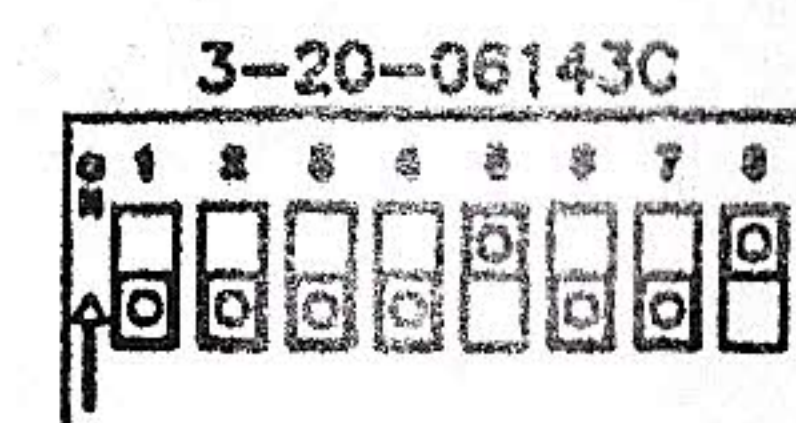
3-20-05886B
Acc Insert



3-20-05886B
P-68 -2 Feeder
4 RPM



3-20-05888B
PF 100
6 RPM



3-20-06143C
HF60 BH60
6 RPM

3-20-05889A

DVC 500

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.

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 is not active (should always be OFF).

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 # 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)