

## Models: ECO Choice PS35, PS50, & CAB50 Pellet Stove Control Box Part No: SRV7058-188

**Kit Includes:** Replacement Control Box

**Tools Required:** Small Flat Head Screwdriver

### A - Model Selection Switch

1. Select the correct model setting.

You will need to set the control box to the proper setting for each individual model. Refer to the table on the reverse side to determine the setting for your installation.

### B - Model Selection Blue Blinking Light

2. Confirm selection with blinking light.

After installing the control box you will need to confirm the model selection by observing the blue blinking light and verify that it is blinking the correct amount of times for that setting from the table on reverse side. When you plug in the appliance the blue light will automatically start blinking and will go off after 1 minute.

3. Verify operation of appliance.

Verify flame height and performance and that the appliance is functioning properly.

### C - Thermocouple Light

The internal light will turn green when the thermocouple has reached 200°F and the same light will turn red when it reaches 600°F.

The thermocouple light will turn an amber color and flash 3 times, pauses and then repeats this process. This indicates there is a problem with the thermocouple. Please check the circuit and replace the thermocouple if necessary.

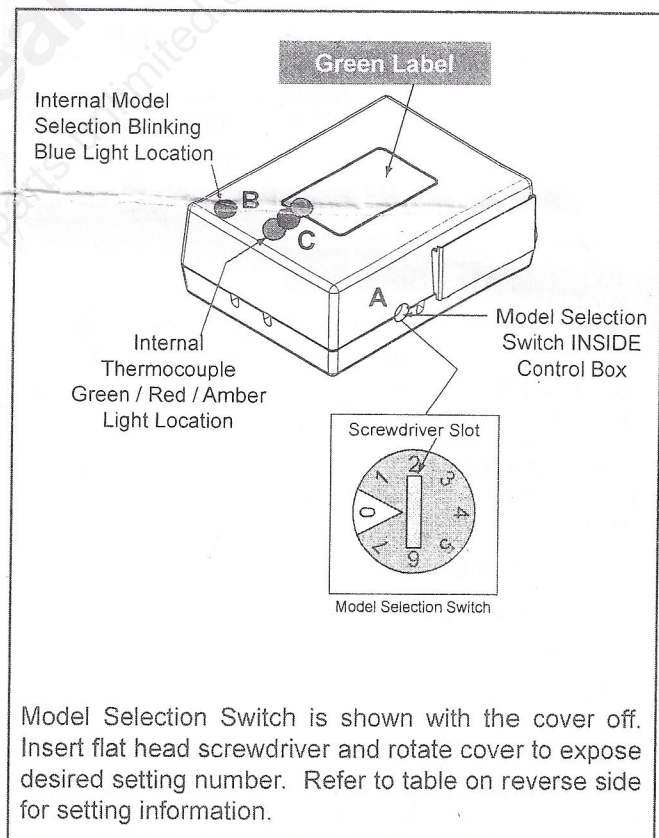
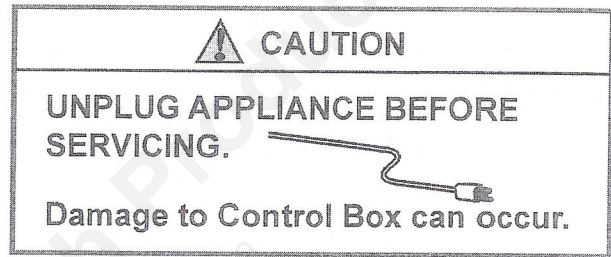
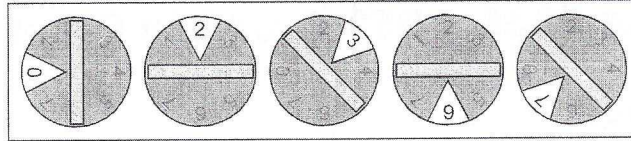


Figure 1

## Model Selection Switch Settings



## 3-Speed Control Box Settings - Green Label

Setting	0	2	3	6	7
Action	Steady on 4 of 10 seconds for the first 60 seconds after power up	2 blinks every 10 seconds for the first 60 seconds after power up	3 blinks every 10 seconds for the first 60 seconds after power up	6 blinks every 10 seconds for the first 60 seconds after power up	7 blinks every 10 seconds for the first 60 seconds after power up
Model	Diagnostic	ECO-CHOICE PS50 CAB50	ECO-CHOICE PS50 +10%* CAB50 +10%*	ECO-CHOICE PS35	ECO-CHOICE PS35+10%*

The following settings can **ONLY** be performed by an authorized dealer or a service technician.

### Diagnostic Mode - Setting #0

This setting performs a self-test on the appliance. In order for some of the components to turn on, you must first **unplug the appliance** and then jump the vacuum switch and the #1 snap disc before beginning the test.

Select diagnostic setting. **Plug in the appliance.** The following components will each turn on sequentially and run for 10 seconds:

- Combustion Blower
- Convection Blower
- Igniter
- Feed Motor

When testing is complete:

1. **Unplug the appliance** and set the model selection switch back to the appliance setting.
2. Re-connect the vacuum switch and #1 snap disc.
3. **Plug in the appliance** and confirm the model selection by observing the blue blinking light and verify that it is blinking correctly for that setting.

### \* +10% Setting Definition - Settings #3, #7

There will be times that the feed rate needs to be increased. This is usually due to low density fuel. If this situation occurs, use the +10% setting for that particular appliance.

This setting increases only the fuel feed rate. It does not affect the combustion or convection blower speeds.