

QUADRA-FIRE®

Control Box Replacement

3-Speed Box: SRV7000-205, SRV7000-704

Castile Series
CB1200 Series

Contour Stove
Santa-Fe Series

4-Speed Box: SRV7000-206

Mount Vernon Stove

Kit Includes: Replacement Control Box

Tools Required: Small Flat Head Screwdriver

A - Model Selection Switch

1. Select the correct box.

There are 2 different control boxes, one is a 3-speed and the other is a 4-speed. The 4-speed control box with a yellow label is for the Mt. Vernon ONLY. The 3-speed is for the pellet appliances listed above and has a white label. THEY ARE NOT INTERCHANGEABLE.

2. 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

3. 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.

4. Verify operation of appliance.

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

C - Thermocouple Light

Previously there were 2 thermocouple lights (green and red) and they would turn on independently. This control box only has 1 light and it functions the same way as the 2 lights. 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.

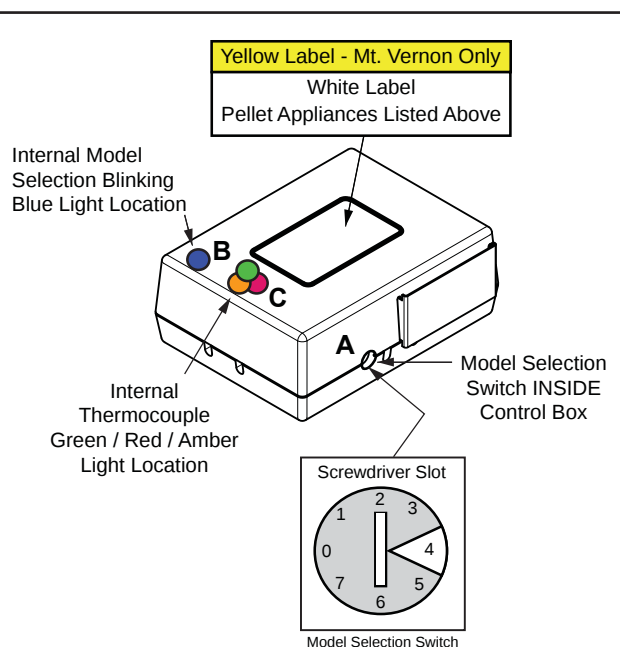


CAUTION

**UNPLUG APPLIANCE BEFORE
SERVICING.**



Damage to Control Box can occur.

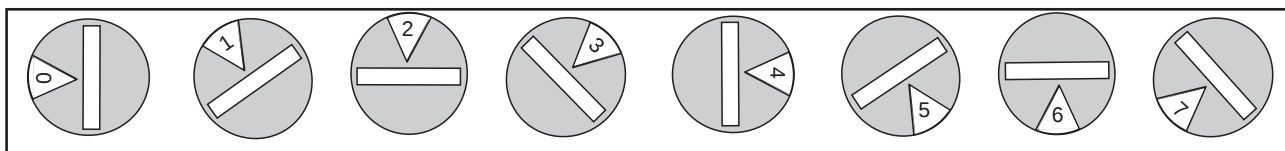


Model Selection Switch is shown with the cover off. Insert flat head screwdriver and rotate cover to expose desired setting number. Refer to table on reverse side for setting information.

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.



Model Selection Switch Settings



3-Speed Control Box Settings - White Label

Setting	0	1	2	3
Action	Steady on 4 of 10 seconds for the first 60 seconds after power up	1 blink every 10 seconds for the first 60 seconds after power up	2 blinks every 10 seconds for the first 60 seconds after power up	Not Used
Model	Diagnostic	1200 FS & 1200-I	1200 FS/Ins +10%*	

Setting	4	5	6	7
Action	4 blinks every 10 seconds for the first 60 seconds after power up	5 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	Castile FS Contour FS	Castile FS/I & Contour +10%*	Santa Fe FS/I Castile I	Santa Fe FS/I +10%*

4-Speed Control Box Settings - Yellow Label

Settings 4 - 7 are not used

Setting	0	1	2	3
Action	Steady on 4 of 10 seconds for the first 60 seconds after power up	1 blink every 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
Model	Diagnostic	Mt. Vernon	Mt. Vernon +10%*	Mt. Vernon -20%**

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.

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

Combustion Blower	Feed Motor
Convection Blower	Ignitor

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 #2, #5, #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.

MT. VERNON ONLY - 4 Speed

** -20% Setting Definition - Setting #3

This is the recommended setting for Corn or High Ash Fuel.