

PELLET STOVES CONTROL BOARDS

1. HEAT LEVEL

The Heat Level button will advance the setting between level 1 and 5. Once you reach level 5, it will drop back to level 1. Each level has a LED light to indicate where the board is set.

2. ON/OFF

The On/Off button turns the Stove On and Off. It will also reset the board after the board has sensed a problem and is flashing a Diagnostic code.

3. AUGER

The auger button will allow the customer to manually auger pellets into the burn pot on start up when needed. This is particularly helpful in priming the Auger Tube when it is empty.

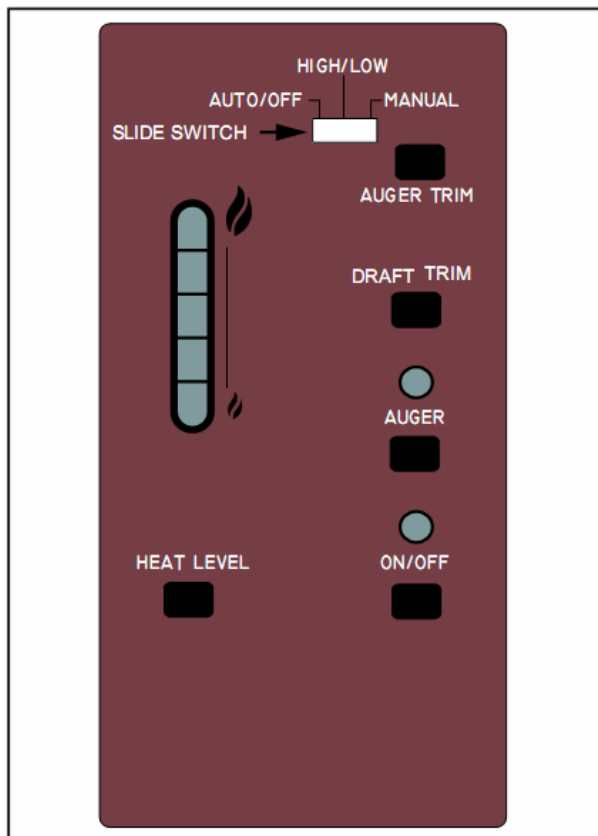
4. DRAFT TRIM

The Draft Trim button allows for adjusting the Exhaust fan voltage on **Heat Level 1 only**. Push the button and the all of the LED Lights in the light bar will flash once. This decreases the Exhaust fan voltage approximately 5 volts below the default setting. Push the button a second time and all of the LED Lights in the light bar will flash twice. This decreases the voltage approximately another 5 volts. Pushing the button a 3rd time will reset the voltage to the default setting.

5. AUGER TRIM

The Feed Trim button (5) will allow the Fuel feed rate to be adjusted on **Heat Level 1 only**. Heat Level 1 should be seen as the Pilot setting of the Stove, when operating on a Thermostat. Pushing the Feed Trim button (5) will switch between the different adjustments. Heat Level one can be adjusted in the following ways:

- The first LED only indicates the Normal #1 setting. (1.5 second on time). This is the default setting.
- The first and fourth LED lights indicate the #1 **Low** setting. (1.25 second on time) This will reduce the heat output on the #1 setting. This setting will also create more buildup on the glass. (See point 8 on page 17)
- The first and fifth LED lights indicate the #1 **High** setting. (1.75 second on time) This will produce the most heat available on the #1 setting. This is helpful in keeping the glass a little cleaner when burning on low.



6. SLIDE SWITCH

Use this switch to change the Operations mode between a Manual Mode, High/Low Mode or Auto/OFF Mode.

MANUAL – The stove is controlled by the control Board and the operator; no thermostat involved.

HIGH/LOW – This is where a thermostat controls the stove, but the stove never shuts down. In this mode the stove will advance to the Heat Level that has been selected when the thermostat calls for heat and drops to the #1 Heat Level and pilots when the thermostat doesn't call for heat.

AUTO/OFF – The stove operates on a Thermostat and once the heat demand has been met the stove will drop into the #1 Heat Level and pilots there for one hour. If the thermostat doesn't call for heat during that one hour period, the stove will shut down and wait to re-light itself when the thermostat calls for heat again. The control board automatically switches back and forth between a "Piloting Thermostat System" and a "Fully Automatic Thermostat System" based on how often the thermostat calls for heat. This eliminates the On/Off cycle of an Automatic stove, once the Heating season arrives.

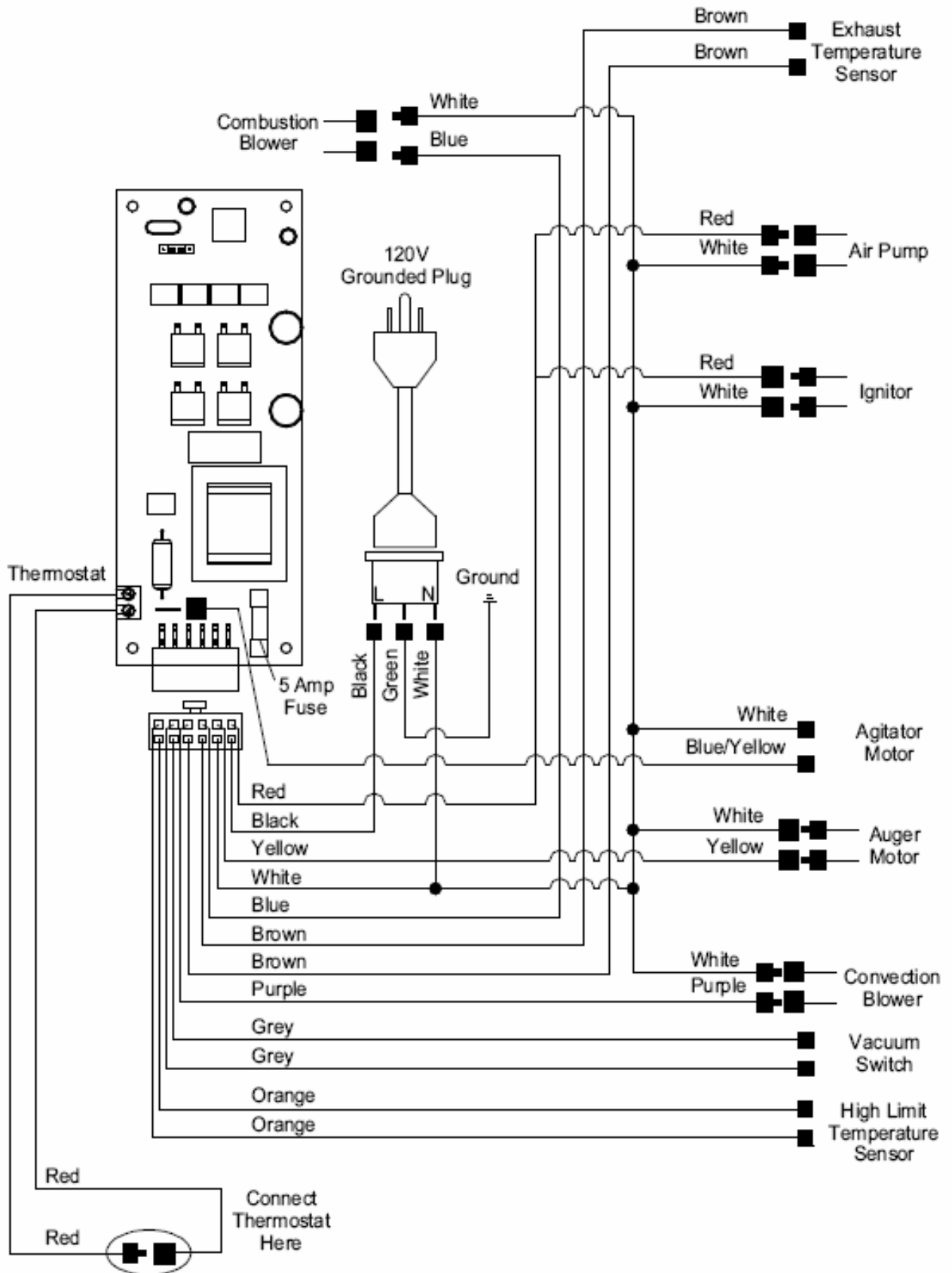
COMPATIBLE PELLET STOVES:

BRECKWEEL – THE BIG E P1000, TRADITION SERIES P24, CLASSIC CAST P4000,
ECONOMY SERIES P22, LUXURY SERIES P2700, TRADITION SERIES P23,
LUXURY SERIES P2000

ENVIRO – THE EMPRESS , THE MINI, THE EVOLUTION, THE MERIDIAN, EF2, EF3Bi,
THE MAXX, THE M55, THE OMEGA

ST CROIX – AFTON BAY, THE HASTINGS, PRESCOTT EXL, PRESCOTT EXP

Wiring Diagram 1



Wiring Diagram 2

