

# OPERATION

## PANEL CONTROLS (See Figure 19)

The blowers and automatic fuel supply are controlled from a panel on the left-hand side of the SP2000. The control panel functions are as follows.

### a. ON/OFF SWITCH

- When pushed the stove will automatically ignite. No other firestarter is necessary. The igniter will stay on for at least 10 and up to 15 minutes, depending on when Proof of Fire is reached. The fire should start in about 5 to 7 minutes.
- The green light located above the On/Off button (in the On/Off box) will flash during the ignition start-up period. (See figure 19)
- The Heat Level Advance is inoperable during the ignition start period. When the green light continuously stays on the Heat Level Advance can be adjusted to achieve the desired heat output.

NOTE: When not connected to a thermostat if the stove has been shut off, and you want to re-start it while it is still warm, the “on/off” button must be held down for 2 seconds.

### b. FUEL FEED SWITCH

- When the “Fuel Feed” button is pushed and held down the stove will feed pellets continuously into the burnpot.
- While the stove’s auger system is feeding pellets the green light (in the “Fuel Feed” box) will be illuminated. (See figure 19)

CAUTION: DO NOT USE THIS CONTROL DURING NORMAL OPERATION BECAUSE IT COULD SMOTHER THE FIRE AND LEAD TO A DANGEROUS SITUATION.

### c. HIGH FAN SWITCH

- The room air fan speed varies directly with the feed rate. The “HIGH FAN” switch overrides this variable speed function. It will set the room air blower speed to high at any feed rate setting.
- When the “HIGH FAN” button is pushed the room air fan will switch to its highest setting.
- When this button is pushed again the room air fan will return to its original setting based on the Heat Level Advance setting.
- If the “HIGH FAN” setting is used for extended periods of time it can shorten the life expectancy of the room air fan. Avoid use at this setting for more than one hour at a time.

### d. RESET TRIM

Different size and quality pellet fuel, and installation altitude, may require adjustment of the “1” feed setting on the Heat Level Advance bar graph. This is usually a one-time adjustment based on the fuel you are using. The “RESET TRIM” button, when adjusted, will allow for 3 different feed rate settings for the #1 feed setting only. To adjust simply push the “RESET TRIM” button while the stove is operating at setting “1” and watch the bar graph.

- When the “1” & “3” lights are illuminated on the bar graph the low feed rate is at its “lowest” setting. (Approx. 0.9 pounds per hour)
- When the “1” light is illuminated on the bar graph the low feed rate is at its “normal” setting.
- When the “1” & “4” lights are illuminated on the bar graph the low feed rate is at its “highest” setting. (Approx. 1.1 to 1.2 pounds per hour)

NOTE: When the stove is set on “1” the “reset trim” values will be shown on the Heat Level Advance bar graph. For example if the Reset Trim is set to its lowest setting every time the stove is set to low the “1” and “4” lights will be illuminated on the bar graph.

### e. HEAT LEVEL ADVANCE

- This button when pushed will set the pellet feed rate, hence the heat output of your stove. The levels of heat output will incrementally change on the bar graph starting from level “1” to “5”.

NOTE: When dropping 3 or more heat level settings (4 to 1, or 5 to 2 or 1) push the ‘High Fan’ button and allow the room air fan to run at that setting for at least 5 minutes to prevent the stove from tripping the high temp thermodisc. If the high temp thermodisc does trip see “SAFETY FEATURES” on the next page.

CAUTION: THE “5” SETTING IS DESIGNED FOR TEMPORARY USE ONLY. IF USED FOR EXTENDED PERIODS, IT CAN SIGNIFICANTLY REDUCE THE LIFE EXPECTANCY OF THE ELECTRICAL COMPONENTS. AVOID USE AT THIS SETTING FOR MORE THAN ONE OR TWO HOURS AT A TIME.

