

# QUICK START GUIDE - BELLA™ PELLET STOVE



## **WARNING**

Before you set up or operate your stove, review all safety, installation, and operation instructions in your “Installation and Operation Manual.”

## **USING THIS GUIDE**

This guide contains 5 easy steps to help you learn more about using your new Bella™ pellet stove. Detailed operating and cleaning instructions are located in the “Installation and Operation Manual.”



# 1 PURCHASING THE CORRECT FUEL FOR THE STOVE

The Bella™ pellet stove has been designed to burn wood pellets. We recommend burning Premium Grade wood pellet fuel manufactured by companies who are members of the Pellet Fuels Institute (PFI). Although similar in appearance to those made of wood, other pelletized fuels such as wheat, barley, cherry pits, etc. will adversely affect the performance of the stove and may compromise safety and void warranty.



PFI LOGO

### **RECOMMENDED FUEL**



- PFI APPROVED
- PREMIUM GRADE
- LESS THAN 1% ASH CONTENT
- LESS THAN 300 PPM CHLORIDES

### **INCORRECT FUEL**



- MOISTURE DAMAGE
- EXCESSIVE SAWDUST
- HIGH CHLORIDE OR ASH CONTENT



- OVERSIZED PELLETS (LONGER THAN 1-1/2")
- COMMERCIAL GRADE
- ECONOMY GRADE



- WHEAT PELLETS
- BARLEY PELLETS
- BARK PELLETS

# 2 MANUAL OPERATION\*

## STARTING THE BELLA™ PELLET STOVE

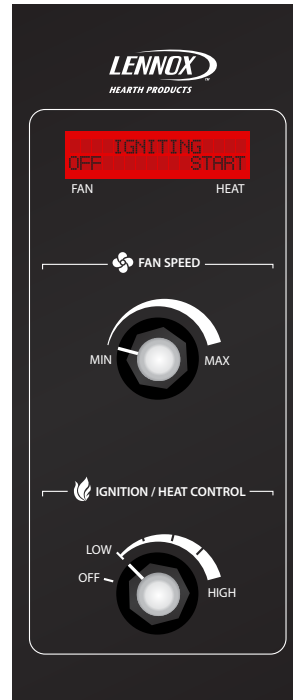
1. Fill the hopper with pellets
2. Make sure the hopper lid is completely closed
3. Turn the 🔥 “IGNITION / HEAT CONTROL” dial clockwise to begin the ignition cycle

## RE-FUELING WHILE IN OPERATION

1. Open hopper lid and fill hopper with pellets
2. Make sure the hopper lid is completely closed when finished re-fueling
3. If hopper lid is open for more than 45 seconds, shutdown mode will start automatically. After re-fueling, ensure Controller reads “HEATING”, if it doesn’t, reset by turning 🔥 “IGNITION/HEAT CONTROL” dial to off, then back to the desired heating level.

## STOPPING THE BELLA PELLET STOVE

1. Turn the 🔥 “IGNITION / HEAT CONTROL” dial to the “OFF” position (The blowers will automatically turn off once the stove has cooled down)



Hopper lid must be closed during operation.



The control board is located on the right side of the stove.

### Digital Display



The LCD Screen displays information on the stove's current mode of operation. See Installation and Operation Manual for detailed explanation of messages.

### Fan Speed

The fan speed dial is used to vary the output of the room fan. Note: The room fan will turn on automatically when the stove has reached sufficient operating temperature and will turn off when the stove cools down.

### Ignition / Heat Control

The ignition / heat control dial is used to initiate startup and shutdown, as well as to control the heat output of the stove over five levels, from low to high.

\* Refer to the Installation and Operation Manual if you are connecting your stove to a thermostat. Ignition and control board functions for automatic (thermostat) operation may be different from the explanations given above.

# 3 FLAME APPEARANCE

The appearance of the flame can be a good indicator of the overall performance of the stove. A bright clean flame indicates there is a proper balance of fuel and combustion air which results in efficient burning. A dark slow-moving flame indicates incomplete combustion and a stove that may be in need of service and/or adjustment (see Damper Adjustment, next page).

## PROPERLY ADJUSTED FLAME

The stove burns cleanly and heats efficiently.



- SHARP, ACTIVE FLAME
- BRIGHT YELLOW HUE
- PELLET EMBERS ACTIVELY MOVE IN THE BURN POT

## IMPROPERLY ADJUSTED FLAME

Requires more frequent maintenance and can be unsafe to operate.



- SLOW LAZY FLAME
- DARK ORANGE HUE
- LARGE FLAME WITH BLACK SOOTY TIPS
- PELLETS BUILD UP IN THE BURN POT
- WINDOW BECOMES DIRTY MORE QUICKLY

# 4 DAMPER ADJUSTMENT

The Bella™ pellet stove is equipped with a damper which is used to fine tune combustion. Although every unit is test burned and calibrated at the factory, periodic adjustment may be necessary at times to compensate for variables such as fuel, venting, climate, altitude, and maintenance intervals.

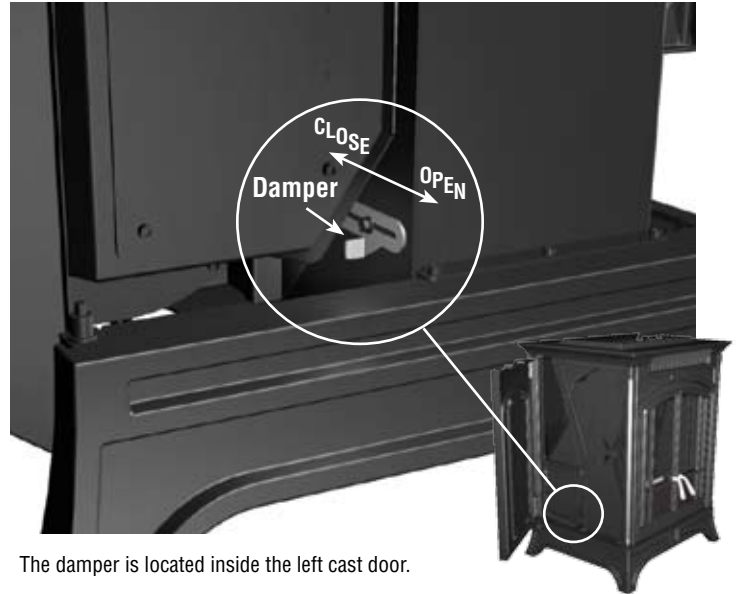
## OPENING THE DAMPER

Opening the damper increases the amount of combustion air. This can help increase pellet activity in the burn pot and correct a dark orange or sooty flame.

## CLOSING THE DAMPER

Closing the damper decreases the amount of combustion air. This can be a useful adjustment if your stove is burning out. However, if the damper is closed too much, your stove will burn less efficiently and require more maintenance.

**REFER TO THE “INSTALLATION AND OPERATION MANUAL” FOR DETAILED INSTRUCTIONS ON MAKING ADJUSTMENTS TO THE DAMPER.**



The damper is located inside the left cast door.

# 5 CLEANING AND MAINTENANCE SCHEDULE

Maintaining a clean burn pot is vital to the safe and efficient operation of the stove. It is a good idea to verify your burn pot is clean prior to ignition each time you operate your stove.



*Properly cleaned burn pot: The holes in the bottom and sides are clean and all the openings are clear.*



*Dirty burn pot: The holes in the bottom and sides are not completely visible. The burn pot should be cleaned.*



*Above is an example of a pellet “clinker”. This mass of impurities can reduce airflow through the burn pot and create an unsafe burning condition.*

## IMPORTANT NOTE:

**UNPLUG POWER CORD AND ENSURE APPLIANCE IS COLD BEFORE PERFORMING ANY MAINTENANCE WORK.**

## CLEANING AND MAINTENANCE SCHEDULE (CONTINUED)

In addition to the regular maintenance procedures described below, the “Installation and Operation Manual” outlines yearly service that should be performed by a qualified technician.

### Burn Pot

The burn pot should be checked for clinkers prior to operating the stove. Any non-combustible material blocking the burn pot should be emptied prior to ignition.



1-7 Days\*

### Ash Pots

The ash pan serves as a receptacle to hold ash that has accumulated in the firebox. Refer to the Installation and Operation Manual for proper ash disposal.



2 Days - 2 Weeks\*



### Heat Exchanger

Keeping the heat exchanger tubes clean will maximize the heating efficiency of your stove. When the stove is cold, pull the tube scraper rod back and forth to release any ash build-up inside the firebox.



2 Days - 2 Weeks\*

### Additional Yearly Maintenance\*

- Clean Proof of Fire Switch
- Clean Ash Clean-Out Ports
- Clean Exhaust Passages/Vent Pipe and Creosote Removal
- Clean the Combustion and Convection Blowers
- Inspect Gaskets
- Check Glass Door Seal
- Clean Rear Stove Compartment

*\*Burning fuel with a high ash content or an improperly adjusted damper may require more frequent cleaning and stove maintenance.*

### IMPORTANT NOTE:

**BURNING POOR QUALITY FUEL WILL SIGNIFICANTLY INCREASE THE FREQUENCY OF REQUIRED CLEANING. FAILURE TO PROPERLY CLEAN AND MAINTAIN YOUR STOVE AS INDICATED IN THE INSTALLATION AND OPERATION MANUAL CAN RESULT IN A STOVE THAT IS UNSAFE TO OPERATE.**

### WARNING

- **Hot! Do not touch!** The glass and surface of this appliance will be hot during operation and will retain heat for a while after shutting off the appliance. Severe burns may result.
- Carefully supervise children in the same room as appliance.
- Lennox pellet-burning appliances are designed for use as supplemental heaters. They are not intended for continuous use as primary heat sources.



**LENNOX**<sup>™</sup>

HEARTH PRODUCTS

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