

# QUICK START GUIDE - WINSLOW™ PI40 PELLET INSERT



## **WARNING**

Before you set up or operate your fireplace insert, 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 Winslow™ PI40 pellet fireplace insert. Detailed operating and cleaning instructions are located in the “Installation and Operation Manual.”

# 1 PURCHASING THE CORRECT FUEL FOR THE FIREPLACE INSERT

The Winslow PI40 pellet fireplace insert 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 fireplace insert and may compromise safety and void warranty.



## **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

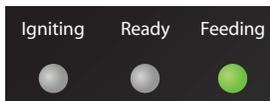


- WHEAT PELLETS
- BARLEY PELLETS
- BARK PELLETS

## 2 MANUAL OPERATION\*



### Indicator Lights



The lights on the control board will indicate the status of the fireplace insert. If the "Ready" light blinks red, you have an error. Consult the Installation and Operation Manual for assistance.

### STARTING THE WINSLOW™ PI40 PELLET INSERT

1. Fill the hopper with pellets
2. Make sure the hopper lid is completely closed
3. Turn the control board dial to the desired heat setting and press the "Start" button 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
3. Check to make sure the fireplace insert remains lit
4. If the flame goes out, press the "Start" button to re-ignite the stove

### STOPPING THE WINSLOW PI40 PELLET INSERT

1. Turn the control board dial to the "OFF" position (The blowers will automatically turn off once the fireplace insert has cooled down)

### Control Dial



The level at which the fireplace insert heats is controlled by a single dial on the control board. Adjusting the dial will affect the pellet feed rate and room air movement.

\* Refer to the Installation and Operation Manual if you are connecting your fireplace insert 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 insert. 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 an insert that may be in need of service and/or adjustment (see Damper Adjustment, next page).

### PROPERLY ADJUSTED FLAME

The fireplace insert 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 Winslow™ PI40 pellet fireplace insert is equipped with a damper adjustment 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.

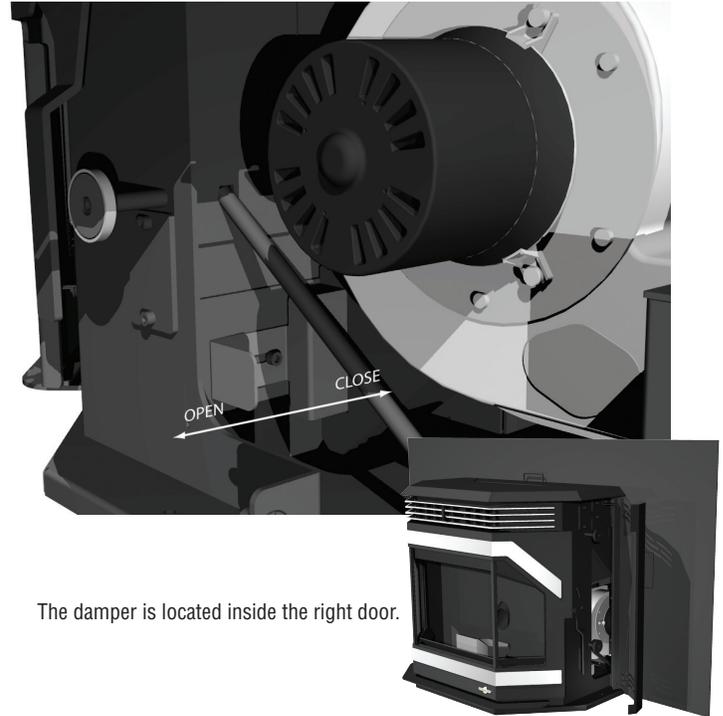
## OPENING THE DAMPER

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 fireplace insert is burning out. However, if the damper is closed too much, your fireplace insert will burn less efficiently and require more maintenance.

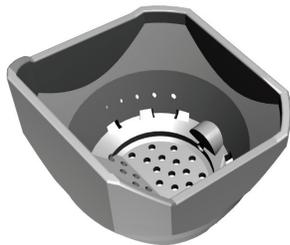
**REFER TO THE “INSTALLATION AND OPERATION MANUAL” FOR DETAILED INSTRUCTIONS ON MAKING ADJUSTMENTS TO THE DAMPER.**



The damper is located inside the right door.

# 5 CLEANING AND MAINTENANCE SCHEDULE

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



*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 fireplace insert. Any non-combustible material blocking the burn pot should be emptied prior to ignition.



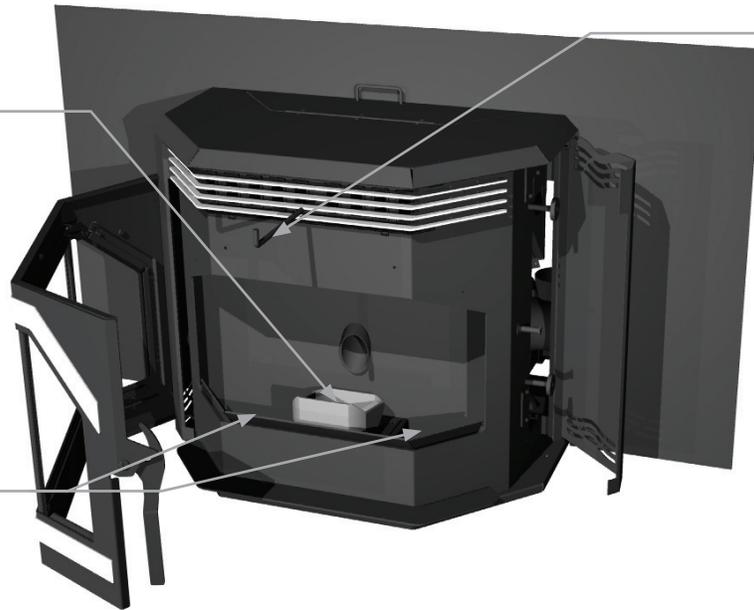
1-7 Days\*

### Ash Cavity

The ash drawer 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 fireplace insert. When the insert 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
- Check Glass Door Seal
- Cleaning Rear Fireplace Insert Compartment

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

### IMPORTANT NOTE:

**BURNING POOR QUALITY FUEL WILL SIGNIFICANTLY INCREASE THE FREQUENCY OF REQUIRED CLEANING. FAILURE TO PROPERLY CLEAN AND MAINTAIN YOUR FIREPLACE INSERT AS INDICATED IN THE INSTALLATION AND OPERATION MANUAL CAN RESULT IN AN FIREPLACE INSERT 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.
- **IronStrike™ pellet-burning appliances** are designed for use as supplemental heaters. They are not intended for continuous use as primary heat sources.



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