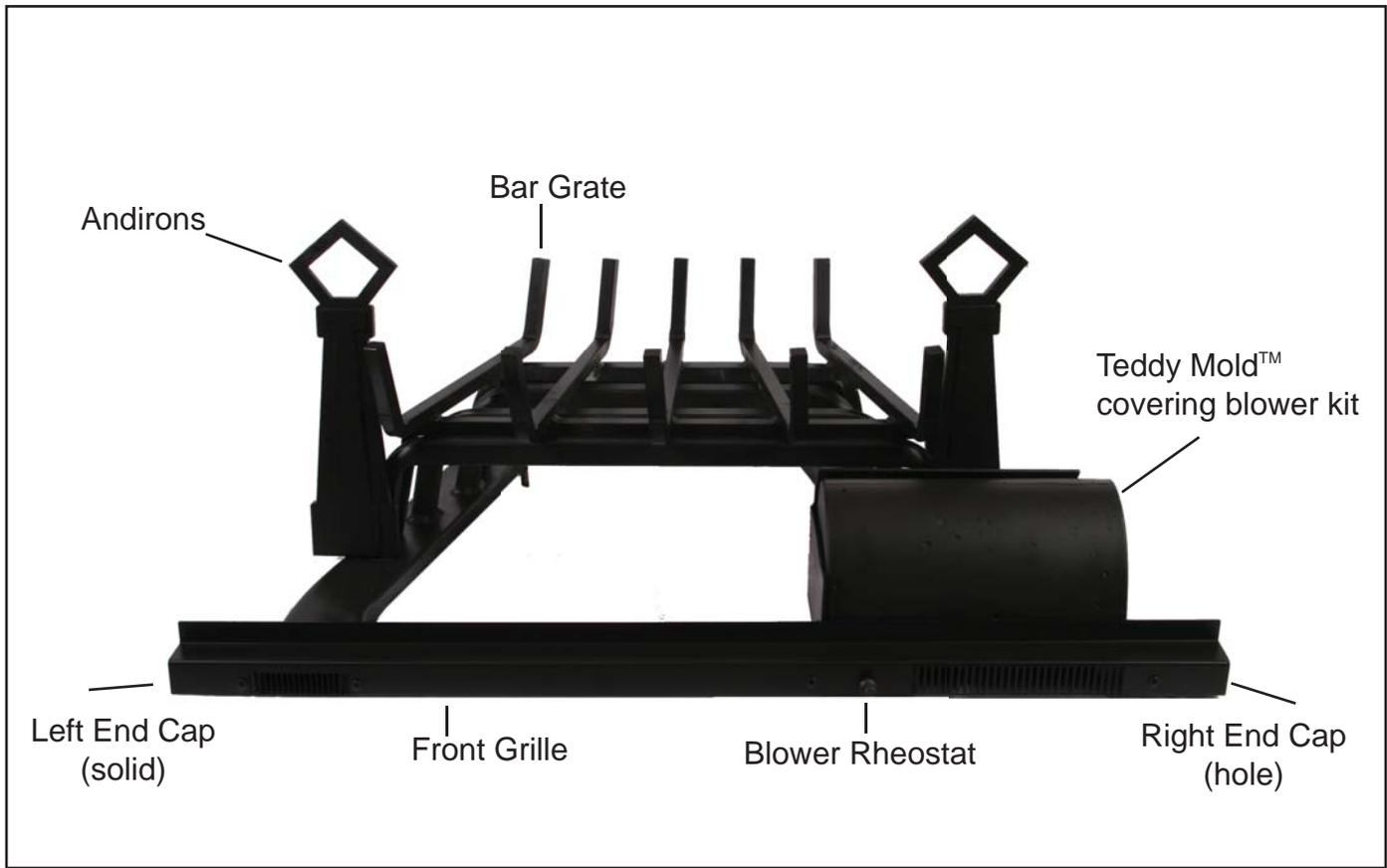




The Hearthwarmer II Woodburning Insert

Installation & Operating Instructions





Part Numbers

Basic Kit		
The Hearthwarmer-II	HW-II	Woodburning insert includes: heat exchanger, blower, Teddy Mold™, bar grate, 37" front grille and andirons
Accessories		
52" Front Grille	FG-52-II	52" Front grille for wider firebox openings
Replacement Parts		
Blower Kit	HFK-100	100 CFM blower motor
Rheostat	RHEO-HW	Rheostat
Power Cord	CORD-8	110/120 VAC replacement power cord
Bar Grate	GRATE-HW	Replacement bar grate
End Caps	END-CAP	End caps for front grille (set of 2)

The Hearthwarmer-II Installation Instructions

The Hearthwarmer-II can be used in a wood burning masonry fireplace, with or without glass doors.

It is recommended that glass doors be used in conjunction with this unit to maximize your efficiencies. Refer to the door manufacturer's instruction manual for proper usage and maintenance of the fireplace glass doors.

With proper care and maintenance, it is a safe and efficient heat-producing insert for your fireplace.

Getting Started

Verify that the Hearthwarmer-II will fit properly in your firebox application and that you have all optional parts needed to complete the install.

Minimum firebox dimensions needed are:

- Front Width - 32"
- Back Width - 19 1/2"
- Depth - 21"
- Height - 19"

For fireplaces with existing glass doors, make sure the doors can be elevated a minimum of 1-3/8" to accommodate The Hearthwarmer-II's front grille.

Tools you MAY need for installing:

- Phillips screwdriver
- Hacksaw
- Pliers

Installation

1. Remove Glass Doors and Grate

If the fireplace has glass doors, remove the glass doors and the existing fireplace grate. The grate can be discarded.

2. Remove Shipping Bracket

Remove the unpainted shipping bracket from the Hearthwarmer-II by removing the screw from the bracket. Discard the bracket.

3. Attach The Front Grille

Attach the front grille to the heat exchanger with the provided phillips-head screws, such that the fan control knob stem goes through the provided hole of the grille. Place rheostat knob over end of knob stem and push on.

4. Place The Hearthwarmer-II In Firebox

Place The Hearthwarmer-II in center of firebox with equal distances from left to right side. Once the Hearthwarmer-II is placed in the firebox, determine whether The Hearthwarmer-II grille will be an overlap fit (**Illustration A**) or an inside fit (**Illustration B**) in accordance with the firebox opening.

For an inside fit, mark the front grille to match the firebox opening width, (**Illustration C**) then cut the grille (**Illustration D**) with a hacksaw on both ends.



Illustration A



Illustration B

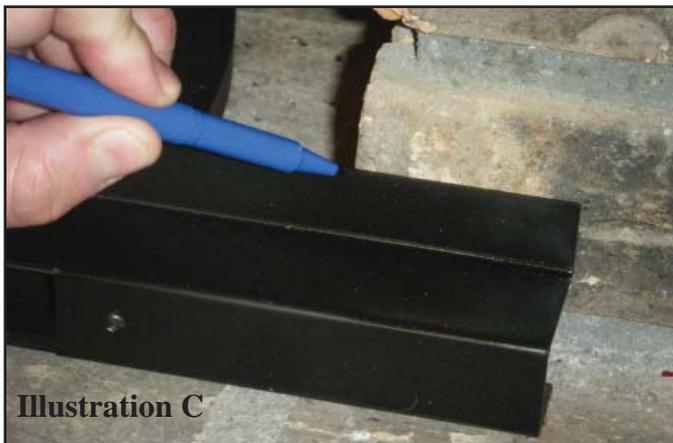


Illustration C

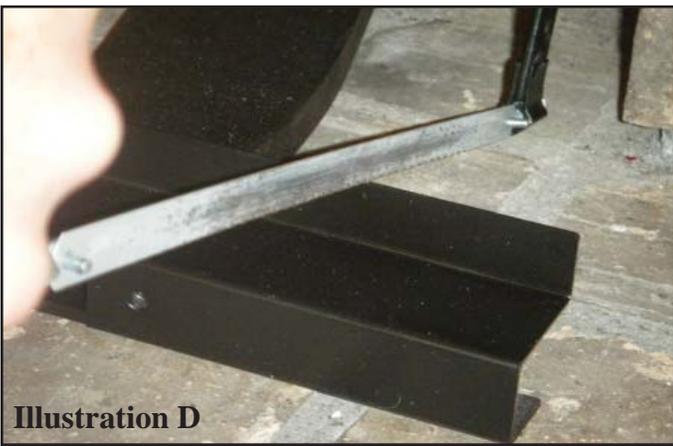


Illustration D

5. Leveling Bolts For Uneven Firebox

The Hearthwarmer-II is equipped with leveling bolts in the rear bottom of the heat-exchanger for use when the firebox floor is uneven or lower than the front lip of the firebox. Use the leveling bolts to assure The Hearthwarmer-II is level throughout the firebox. (Illustration E)



Illustration E

6. Electrical Cord

Plug the electrical cord into the nearest electrical outlet. If the cord is not long enough, you must use a grounded 3-prong extension cord that is at least of the same value as the blower's electrical cord. Never remove the ground lead or use an extension cord without the proper ground.

7. Place Bar Grate On Heat Exchanger

Place grate on heat exchanger and properly center. (Illustration F)

8. Attach Decorative Andirons

Attach the andirons to the brackets on the left and right sides of the heat exchanger using the provided nuts.



Illustration F

9. Glass Doors

Pre-position the fireplace glass doors to rest on The Hearthwarmer-II grille and secure to firebox according to the glass door instruction manual. (Illustration G)



Illustration G

If there are no glass doors, cut The Hearthwarmer-II grille to match the firebox opening width and place the end caps on both ends of the grille.

THE BLOWER MUST BE RUNNING WHENEVER THE APPLIANCE IS BURNING. DAMAGE DUE TO THE FAILURE TO RUN BLOWER DURING OPERATION WILL VOID THE WARRANTY.

The Hearthwarmer-II Operating Instructions

1. Fire

Set logs and/or kindling on The Hearthwarmer-II and light as normal. Due to oils used in the manufacturing process, there will be some smoke and odor produced on the initial fire. This is normal and will dissipate with use. Placing a moist towel over the outlet grille (left side of the front grille) will help diffuse any smoke that may come into the room.

2. Blower

The blower is thermostatically controlled and will turn itself on as the heat exchanger warms up. The blower speed can be regulated using the rheostat knob located on the right side of the front grille. **BLOWER MUST be running whenever the appliance is burning. Failure to run the blower during operation will void the warranty.** Air flow and humming noises are normal during blower operation. As the fire dies down and heat exchanger cools, the blower will automatically shut itself off.

3. Ash Removal

When the fire has cooled down, periodic ash removal from the firebox is necessary to maintain optimum use and effectiveness.

NOTE: NEVER attempt to remove ashes unless there is no fire present and embers are completely cool!

4. Bar Grate

The bar grate serves a dual purpose as a log holder and providing protection to the heat exchanger tubes. The bar grate will need to be replaced over a period of time, depending on rate of individual usage. Bar grate replacement is critical for the protection of the heat exchanger tubes. **The bar grate should never touch the heat exchanger tubes.** When the grate bar deteriorates to the point it is nearly touching the heat exchanger tubes, the bar grate must be replaced. Failure to do so will damage the heat exchanger tubes and void the warranty.

5. Glass Doors and Efficiency

For maximum heating efficiency, close the fireplace glass doors after the fires have ended. Avoid building too large a fire as the heat may cause discoloration to your glass doors and may damage the heat tubing (voiding the warranty).

Warranty

From the date of purchase, The Hearthwarmer-II has a full warranty of:

- 1 - Year Warranty on all the electrical components
 - 3 - Year Warranty on the steel tubing.
- Bar grate is not covered.

The unit must be installed and operated in accordance with the manufacturer's instructions or the warranty will be voided. Damage due to shipping, mis-use or abuse is not covered. Damage due to failure to run the blower during operation will void the warranty.

The shipping cost to return the unit is not covered.



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Warranty Registration

Name: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Phone #: _____

Where Purchased: _____

Date Purchased: _____ Model #: HW-II Serial #: _____

Please mail this form to: Big Woods Hearth Products, Inc.
ATTN: Warranty Service
14450 West Burnsville Parkway
Burnsville, MN 55306

