



P900610-00

P/N 900610-00 Rev. N/C 10/2015

Parts included with this kit:

PART NO.	DESCRIPTION	QTY.
126467-01	Blower Assembly L.	1
126467-02	Blower Assembly R.	1
126468-01	Speed Control Assembly	1
900610-00	Instruction Sheet	1
126972-01	Wiring Diagram	1

INSTALLATION INSTRUCTIONS MODEL LPDBK2 (F2661)

LOW PROFILE DUAL BLOWER ACCESSORY KIT

For use with:

Astria® Models:

DEVONSHIRE Series Direct Vent Fireplace
SENTINEL Series Direct Vent Fireplace

Superior® Models:

DRT4036TEN/TEP and DRT4042TEN/TEP
Series Direct Vent Fireplace

For more information, visit IHP.US.com

⚠ WARNING: ELECTRICAL GROUNDING INSTRUCTIONS This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle.

(Check your appliance owner's manual for specific applications and additional instructions.)

IMPORTANT: Read entire instruction sheet before installing blower kit.

This blower kit is approved for use with models listed above. Do not use blower kit in any other fireplace models.

If any of these parts are missing or damaged, contact dealer where you purchased this kit. If they cannot supply original replacement parts, either contact your nearest Parts Central or contact IHP at IHP.US.com for information.

Note: This installation requires the gas supply line to be disconnected before removing log assembly. Call a qualified service person to disconnect gas supply from fireplace.

⚠ WARNING: Turn off, unplug, and let fireplace cool before installing blower kit. Only a qualified service person should service and repair fireplace.

NOTICE: Log set/burner and hearth refractories, must be removed before installing blower kit. Refer to owner's manual for specific applications and additional instructions.

⚠ WARNING: A qualified service person must connect and disconnect fireplace with gas supply. Follow all local codes.

⚠ WARNING: If there is a duplex electrical outlet installed in the right or left side of the bottom of the fireplace base area, be sure that the electrical power to the outlet is turned off before proceeding with blower installation. Failure to do this may result in serious injury.

The blower kit utilizes two rotary squirrel cage type blower with variable speed control.

Note: This blower kit is approved for use with models listed on this page. Do not use blower kit in any other fireplace models.

ACCESSING FIREPLACE

⚠ CAUTION: Wear gloves and safety glasses while handling or removing parts from your firebox. Some metal edges may be sharp. Use caution with log sets as logs are fragile.

1. Remove barrier by Holding the barrier in front of the glass door and slide it up into the channel underneath the upper front face and out of the slots on the bottom front face (see Figure 1).
2. Remove access door by pulling it towards you.
3. Remove glass door by unlocking 2 door latches on bottom of firebox (see Figure 2).
4. Tilt open glass door 45° from the bottom of firebox and lift up to release door from firebox top retainer (see Figure 2).
5. Remove grate from slots in burner.
6. **For 36" models only**, remove 3 loose logs, log set and burner base as shown in Figure 3.
7. **For 42" models only**, remove log set and burner base.
8. Carefully lift and remove 3 bottom refractories from fireplace (see Figure 3a).
9. Remove 3 spacers and one back flange from firebox bottom by removing 13 screws from front, sides and back of firebox burner base to disengage from firebox bottom. Lift up entire base from unit (see Figure 4).
10. Reverse all the steps in order to reinstall removed items.

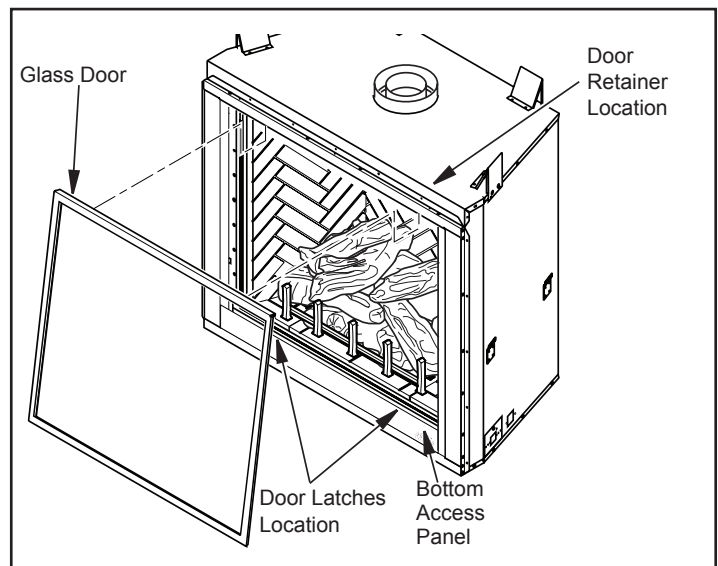


Figure 2 - Removing/Replacing Glass Door and Access Door

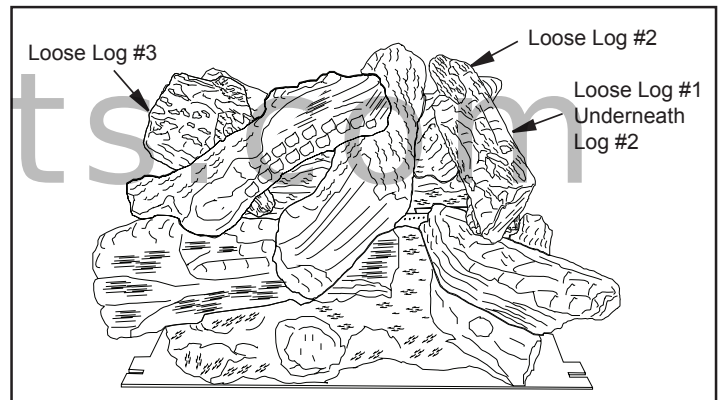


Figure 3 - Removing Loose Logs 36" Models Only

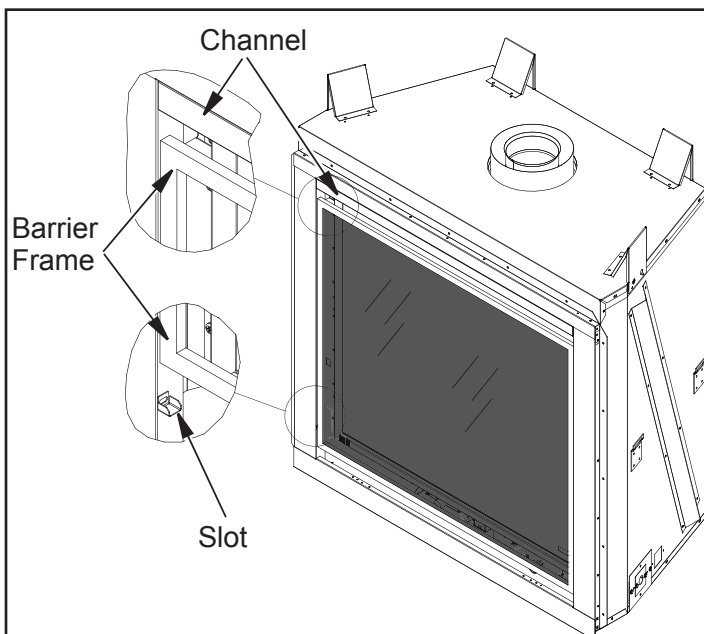


Figure 1 - Removing and Replacing Barrier

⚠ WARNING: Reinstall any barrier removed before operating the fireplace. The barrier is designed to reduce the risk of burns from hot glass. Do not operate the fireplace without the barrier installed.

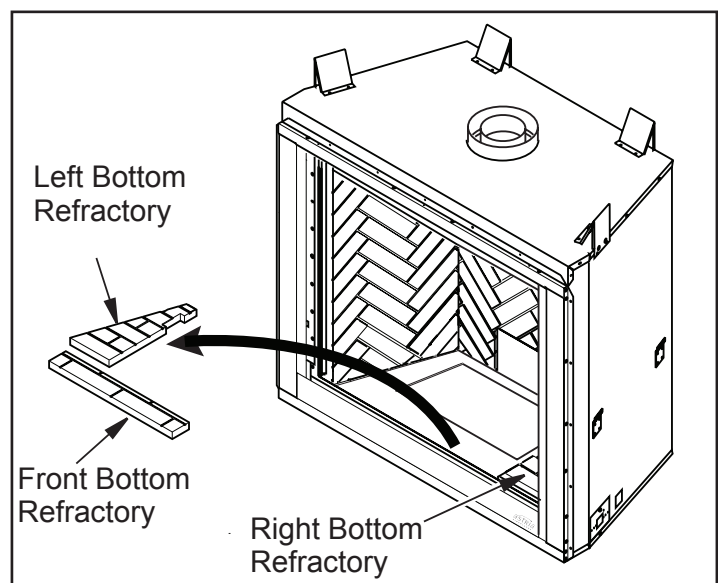


Figure 3a - Removing Hearth Refractories

ACCESSING FIREPLACE *Continued*

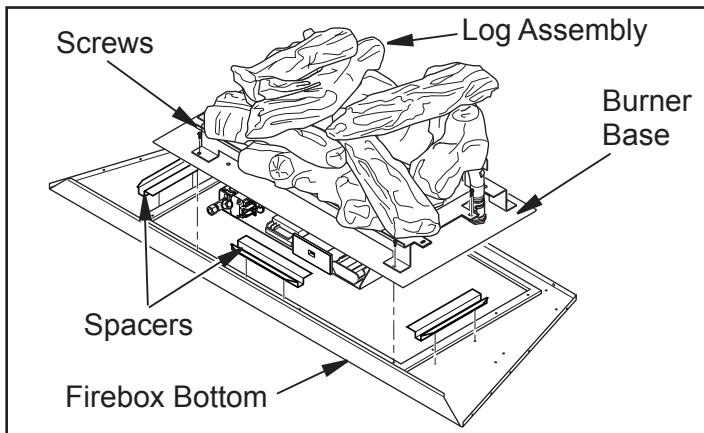


Figure 4 - Removing/Installing Burner Base

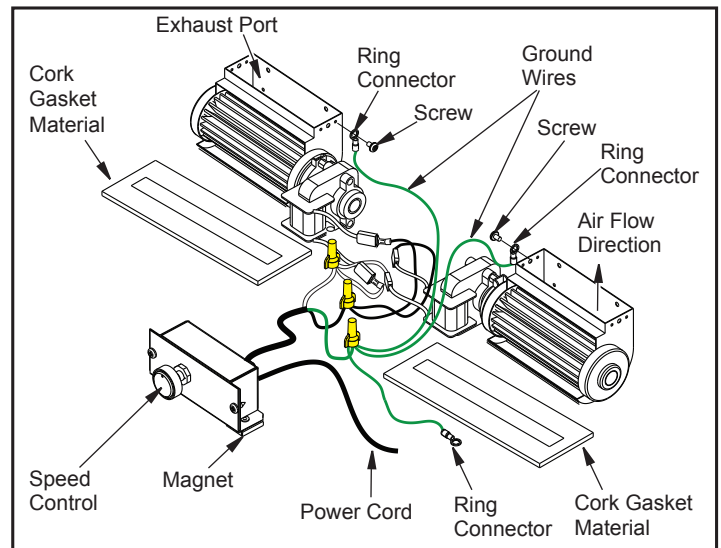


Figure 5 - Blower Model LPDBK2

BLOWER INSTALLATION

Note: The LPDBK2 blower kit is for application into direct-vent models listed on the front page only and is already factory pre-wired. When installing the LPDBK2 blower kit you must first check that all wiring connections are secure from the speed control to the blower. Make sure gasket material adhered to the bottom casing of blower is intact (See Figure 5).

1. **For 36" models only**, place the blowers thru the opening of the burner base already removed and against the left and right side walls of the firebox outer wrapper with the exhaust ports directed upward (see Figures 6 and 7). Make sure the blower does not come in contact with any sheet metal part.
 2. **For 42" models only**, place the blowers against the rear wall and towards the sides. The air ports must not be blocked by the firebox rear plenum (see Figures 6 and 8). Make sure the blower does not come in contact with any sheet metal part.
 3. Be certain that all the terminals are securely attached on blower and that the screws retaining the green ground wires are tight (See Figure 5).
 4. Mount speed control box by placing it in the front lower corner, where it can be easily accessed. We recommend the front right side of the fireplace bottom (See Figure 8).
 5. Install the optional remote control kit (WRC) if desired, this remote control kit is for turning on/off the blower kit only. The speed has to be set manually before using the remote control. Follow the instructions included with this kit.
 6. Reinstall log set/burner module. If needed, replace burner gasket before reinstalling log set/burner module.
- NOTE:** Use two hands to place burner base/logs.
7. Reinstall 3 spacers and the rear flange to bottom firebox (see Figure 4).
 8. Reinstall 3 hearth refractories
 9. Reinstall grate, glass door, access door, and barrier.

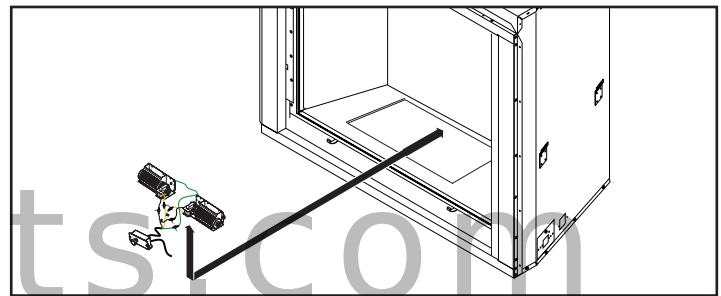


Figure 6 - Installing Blower Kit

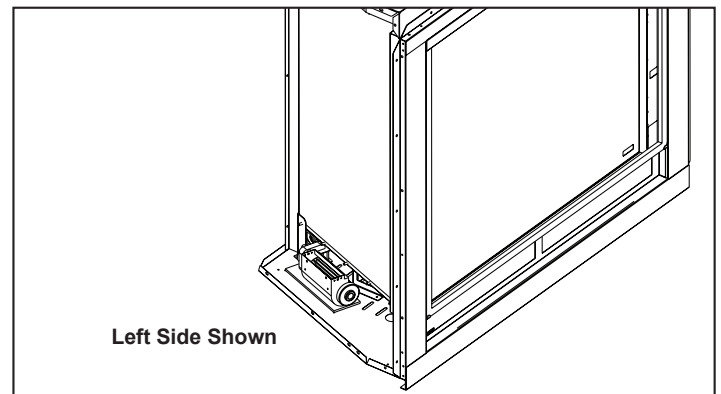


Figure 7 - Blower Kit Location 36" Models only

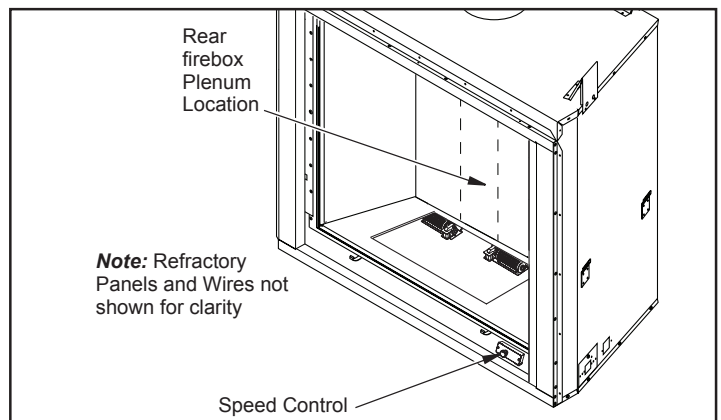


Figure 8 - Blower Kit Location 42" Models only

CONNECTING POWER AND OPERATING BLOWER

⚠ CAUTION: Never touch the blower wheel while in operation.

1. Check to make sure that the power cord is completely clear of the blower wheel and that there are no other foreign objects in blower wheel. Also double check all wire leads and make sure wire routing is not pinched or in a precarious position. Correct accordingly.
2. Turn on power to duplex outlet if previously turn off per the warning on page 1.
3. Plug in blower power cord to duplex outlet.
4. Turn blower on and check for operation. Turn blower off by turning knob fully counterclockwise before continuing.
5. The blower will only run when the speed control knob is in the ON position. The blower speed can be adjusted by rotating the control knob. To turn off, turn knob fully counterclockwise until it clicks off.
6. Peel off the backing paper and stick the supplied wiring diagram decal on the left fireplace bottom approximately 1.5" in front of the fireplace lower face (see Figure 9).
7. Replace all panels and/or accessories if previously removed.

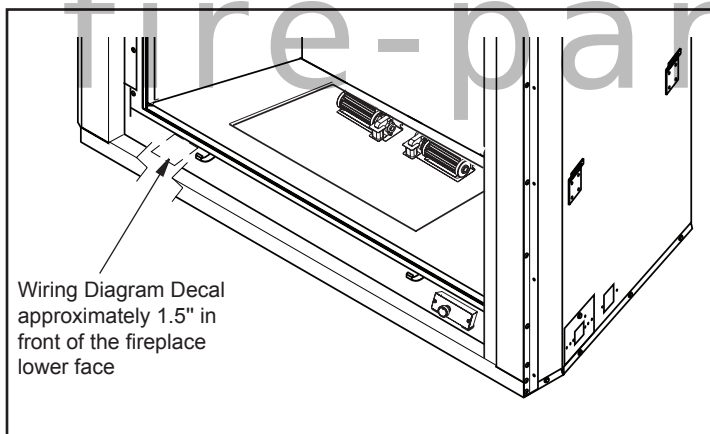


Figure 9: Location of Wiring Diagram Decal

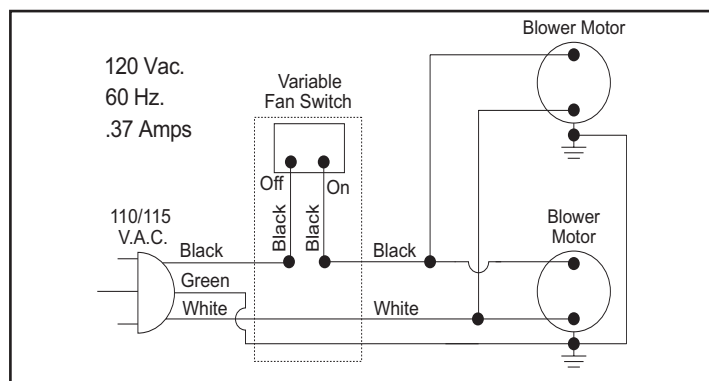


Figure 10: Wiring Diagram

REPLACEMENT PARTS

Note: Use only original replacement parts. This will protect your warranty coverage for parts replaced under warranty.

Normally, all parts should be ordered through your IHP distributor or dealer. Parts will be shipped at prevailing prices at time of order.

When ordering repair parts, always give the following information:

1. The model number of the fireplace.
2. The serial number of the fireplace.
3. The part number.
4. The description of the part.
5. The quantity required.
6. The installation date of the fireplace.

TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting. Please contact your IHP dealer for any questions or concerns. When contacting your dealer please have your model and serial numbers of your fireplace ready. You can also visit our web site at IHP.US.com.

ACCESSORIES

Purchase this accessory thru your IHP distributor or dealer.

F1080 - WRC Standard electronic ON/OFF remote control kit.

Innovative Hearth Products reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and also to discontinue colors, styles and products. Consult your local distributor for fireplace code information.



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