

Installation & Owner's Manual

Installation, Care and Operation

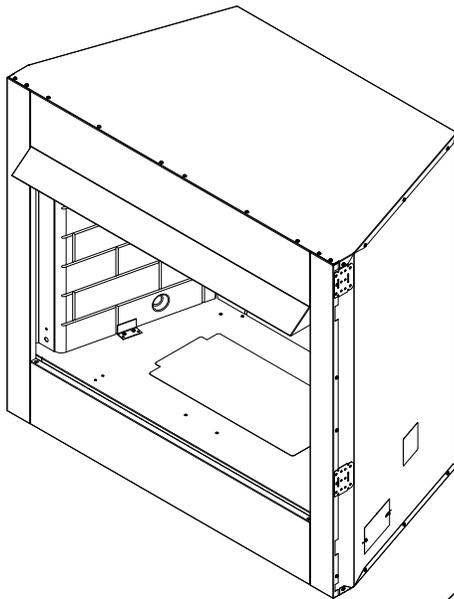
INSTALLER: Leave this manual with party responsible for use and operation.

OWNER: Retain this manual for future reference.

NOTICE: DO NOT discard this manual!



Model(s):
BUF36, BUF36-R
BUF42, BUF42-R



VENT FREE FIREBOX

Carefully review the instructions supplied with the decorative type unvented room heater for the minimum fireplace size requirement.

DO NOT INSTALL AN APPLIANCE IN THIS FIREBOX UNLESS THIS FIREBOX MEETS THE MINIMUM DIMENSIONS REQUIRED FOR THE INSTALLATION.

⚠ WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury, or death.

- **DO NOT** store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **DO NOT** overfire. Overfiring will void your warranty.
- Comply with all minimum clearances to combustibles as specified. Failure to comply may cause house fire.

⚠ WARNING



HOT SURFACES!

Glass and other surfaces are hot during operation AND cool down.

Hot glass will cause burns.

- **DO NOT** touch glass until it is cooled
 - **NEVER** allow children to touch glass
 - Keep children away
 - **CAREFULLY SUPERVISE** children in same room as fireplace.
 - Alert children and adults to hazards of high temperatures.
- High temperatures may ignite clothing or other flammable materials.**
- Keep clothing, furniture, draperies and other flammable materials away.



Installation and service of this appliance should be performed by qualified personnel. Hearth & Home Technologies recommends HHT Factory Trained or NFI certified professionals.



Safety Alert Key:

- **DANGER!** Indicates a hazardous situation which, if not avoided will result in death or serious injury.
- **WARNING!** Indicates a hazardous situation which, if not avoided could result in death or serious injury.
- **CAUTION!** Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
- **NOTICE:** Indicates practices which may cause damage to the fireplace or to property.

Table of Contents

Installation Standard Work Checklist	3
1 Welcome	
A. Congratulations	3
B. LIMITED LIFETIME WARRANTY	4
2 Important Safety and Operating Information	5
3 General Installation Information	
Before You Start	7
Check Parts	7
Tools Needed for Installation	7
4 Firebox and Framing Dimensions	
Dimensions	8
5 Hearth Dimensions and Firebox Locations	
Hearth Dimensions	9
Firebox Locations	9
6 Clearances	10
7 Fireplace, Canopy and Gas Line Installation	12
8 Combustion Air	14
Install Model AK22 Combustion Air Assembly	15
9 Optional Equipment	
Forced Air Kit	16
10 Service Parts	

ATTENTION INSTALLER:
Follow this Standard Work Checklist

This standard work checklist is to be used by the installer in conjunction with, not instead of, the instructions contained in this installation manual.

Customer:	_____	Date Installed:	_____
Lot/Address	_____	Location of Fireplace:	_____
	_____	Installer:	_____
Model (circle one):	BUF36 BUF42	Dealer/Distributor Phone #	_____
	BUF36-R BUF42-R	Serial #:	_____

 **WARNING! Risk of Fire or Explosion!** Failure to install fireplace according to these instructions can lead to a fire or explosion.

Fireplace Install

Wiring has been installed if necessary.
 Verified clearances to combustibles. (Pg. 11)
 Fireplace is leveled and secured. (Pg. 13)
 Hearth extension size/height decided. (Pg. 12)
 Outside air kit installed. (Pg 15) Optional

YES

IF NO, WHY?

Finishing

Combustible materials not installed in non-combustible areas.
 Verified all clearances meet installation manual requirements.
 Mantels and wall projections comply with installation manual requirements.
 Hearth extension installed per manual requirements.

Fireplace Setup

All packaging and protective materials removed.
 Refractory installed correctly. (Optional)BUF36 & BUF42
 Firescreen installed properly.
 Manual bag and all of its contents are removed from the fireplace and given to the party responsible for use and operation.
 Blower kit installed properly. (Optional)

Hearth & Home Technologies recommends the following:

- Photographing the installation and copying this checklist for your file.
- That this checklist remain visible at all times on the fireplace until the installation is complete.

Comments: Further description of the issues, who is responsible (Installer/Builder/Other Trades, etc.) and corrective action needed:

Comments communicated to party responsible _____ by _____ on _____
 (Builder/Gen. Contractor) (Installer) (Date)

1 Welcome

Read this manual before installing or operating this fireplace.
Please retain this manual for future references.

A. Congratulations

Congratulations on selecting a Monessen Hearth gas fire-box. It is designed to provide the utmost in safety, reliability, and efficiency.

As the owner of a new fireplace, you'll want to read and carefully follow all of the instructions contained in this manual. Pay special attention to all Cautions and Warnings.

This manual should be retained for future reference. We suggest that you keep it with your other important documents and product manuals.

Your new Monessen vent-free fireplace will give you years of durable use and trouble-free enjoyment. Welcome to the Monessen family of fireplace products!

Monessen is a registered trademark of Hearth & Home Technologies.

Local Dealer Information

DEALER: Fill in your name, address, phone and email information here and fireplace information below.

Dealer Name: _____
Address: _____ _____
Phone: _____
Email: _____

Fireplace Information:

Brand: _____	Model Name: _____
Serial Number: _____	Date Installed: _____

B. LIMITED LIFETIME WARRANTY

The following components are warranted for life to the original owner, subject of proof of purchase: Firebox, and Combustion Chamber.

BASIC WARRANTY

Monessen warrants the components and materials in your gas appliance to be free from manufacturing and material defects for a period of two years from date of installation. After installation, if any of the components manufactured by Monessen in the appliance are found to be defective in materials or workmanship, Monessen will, at its option, replace or repair the defective components at no charge to the original owner. Monessen will also pay for reasonable labor costs incurred in replacing or repairing such components for a period of two years from the date of installation. Any products presented for warranty repair must be accompanied by a dated proof of purchase.

This Limited Lifetime Warranty will be void if the appliance is not installed by a qualified installer in accordance with the installation instructions. The Limited Lifetime Warranty will also be void if the appliance is not operated and maintained according to the operating instructions supplied with the appliance, and does not extend to: (1) firebox/burner assembly damage by accident, neglect, misuse, abuse, alteration, negligence of others, including the installation thereof by unqualified installers, (2) the costs of removal, re-installation or transportation of defective parts on the appliance; or, (3) incidental or consequential damage. All service work must be performed by an authorized service representative.

This warranty is expressly in lieu of other warranties, express or implied, including the warranty of merchantability of fitness for purpose and of all other obligations or liabilities. Monessen does not assume for it any other obligations or liability in connection with the sale or use of the appliance. In states that do not allow limitations on how long an implied warranty lasts, or do not allow exclusion of indirect damage, those limitations of exclusions may not apply to you. You may also have additional rights not covered in this Limited Lifetime Warranty.

Monessen reserves the right to investigate any and all claims against the Limited Lifetime Warranty and decide upon method of settlement.

IF WARRANTY SERVICE IS NEEDED

1. Contact your supplier. Make sure you have your warranty, your sales receipt and the model/serial number of your Monessen product.
2. DO NOT ATTEMPT TO DO ANY SERVICE WORK YOURSELF.

2 Important Safety and Operating Information

INSTALLER

Please leave these instructions with the appliance.

OWNER

Please retain these instructions for future reference.

⚠WARNING!

- **Any change to this heater or its controls can be dangerous.**
- **Improper installation or use of the heater can cause serious injury or death from fire, burns, explosion or carbon monoxide poisoning.**
- **Do not allow fans to blow directly into the fireplace. Avoid any drafts that alter burner flame patterns.**
- **Do not use a blower insert, heat exchanger insert or other accessory, not approved for use with this heater where applicable.**

1. Due to high temperatures, the firebox should be located out of traffic and away from furniture and draperies.
2. Children and adults should be alerted to the hazard of high surface temperature and should stay away to avoid burns or clothing ignition.
3. Young children should be carefully supervised when they are in the same room with the firebox.
4. Do not place clothing or other flammable material near the fireplace when the firebox is in use.
5. Any safety screen or guard removed for servicing, must be replaced prior to operating a heater within the firebox.
6. Installation and repair should be done by a qualified service person.
7. To prevent malfunction and/or sooting, an unvented gas heater/firebox should be cleaned at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, etc. It is imperative that control compartments, burners and circulating air passageways be kept clean.

8. **CARBON MONOXIDE POISONING:** Early signs of carbon monoxide poisoning are similar to the flu with headaches, dizziness and/or nausea. If you have these signs, obtain fresh air immediately. Have the heater serviced as it may not be operating properly.
9. The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA54.
10. This unit complies with ANSI Z21.91 ventless firebox enclosures for gas-fired unvented decorative room heaters.
11. Do not install the unvented heater in a bathroom.
12. Do not install the unvented heater in a bedroom unless the maximum input rating is equal to or less than 10,000 Btu/hr.

13. Correct installation of the ceramic fiber logs, proper location of the heater, and annual cleaning are necessary to avoid potential problems with sooting. Sooting, resulting from improper installation or operation, can settle on surfaces outside the fireplace. See log placement instructions for proper installation.
14. Avoid any drafts that alter burner flame patterns. Do not allow fans to blow directly into fireplace. Do not place a blower inside burn area of firebox. Ceiling fans may create drafts that alter burner flame patterns. Sooting and improper burning will occur.
15. **CAUTION:** Candles, incense, oil lamps, etc. produce combustion byproducts including soot. Vent-free appliances will not filter or clean soot produced by these types of products. In addition, the smoke and/or aromatics (scents) may be re-burnt in the vent-free appliance which can produce odors. It is recommended to minimize the use of candles, incense, etc. while the vent-free appliance is in operation.
16. An unvented gas-fired heater uses air (oxygen) from the room in which it is installed. Provisions for adequate combustion and ventilation air must be provided. See installation guidelines.
17. Keep room area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
18. Unvented gas heaters are a supplemental zone heater. They are not intended to be a primary heating appliance.
19. Unvented gas heaters emit moisture into the living area. In most homes of average construction, this does not pose a problem. In houses of extremely tight construction, additional mechanical ventilation is recommended.
20. During manufacturing, fabricating and shipping, various components of this appliance are treated with certain oils, films or bonding agents. These chemicals are not harmful but may produce annoying smoke and smells as they are burned off during the initial operation of the appliance; possibly causing headaches, or eye or lung irritation. This is a normal and temporary occurrence.

Continued on page 7

Continued from page 6

The initial break-in operation should last two to three hours with the burner at the highest setting. Provide maximum ventilation by opening windows or doors to allow odors to dissipate. Any odors remaining after this initial break-in period will be slight and will disappear with continued use.

21. Input ratings are shown in BTU per hour and are for elevations up to 2,000 feet. For elevations above 2,000 feet, input ratings should be reduced 4 percent for each 1,000 feet above sea level. Refer to the National Fuel Gas Code.
22. The appliance and its main gas valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).
23. The appliance must be isolated from the gas supply piping system by closing its equipment shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).
24. Do not use this room heater if any part has been under water. Immediately call a qualified service technician to inspect the room heater and to replace any part of the control system and any gas control which has been under water.
25. Never burn solid fuels in a fireplace where a unvented room heater is installed.
26. Always have a fireplace screen in place when the appliance is in operation, and unless other provisions for combustion air are provided, the screen shall have an opening(s) for induction of combustion air.
27. Do not fill spaces around the firebox with insulation or other materials. These spaces must be maintained to prevent the firebox from coming in contact with combustible materials.

⚠WARNING!

Do not attempt to burn solid wood fuels, vented gas log sets, or any other combustible in this unvented firebox. Also, do not install a vent-free gas log set in this firebox if the minimum clearance and height requirements of the log set are too large for the firebox.

Notice: Illustrations shown in this manual reflect "typical" installations with nominal dimensions and are for design and framing reference only. Actual installations may vary due to individual design preferences. However, always maintain minimum clearances to combustible materials and do not violate any specific installation requirements.

⚠WARNING!

Never connect unit to private (non-utility) gas wells. This gas is commonly known as wellhead gas.

NATIONAL
FIREPLACE
INSTITUTE



CERTIFIED
www.nficertified.org

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

3 **General Installation Information**

The new BUF36, BUF36-R, BUF42, AND BUF42-R are vent free fireboxes. They feature a self contained heat-circulating system.

This installation manual will enable you to obtain a safe, efficient and dependable installation of your vent-free fireplace system.

Do not alter or modify the firebox or its components under any circumstances. Any modification or alteration of the firebox system, including but not limited to the firebox and accessories, may void the warranty, listings and approvals of this system and could result in an unsafe and potentially dangerous installation.

BEFORE YOU START

Carefully inspect the contents for shipping damage. If any parts are missing or damaged, immediately inform the dealer from whom you purchased the appliance. Do not attempt to install any part of the appliance unless you have all the parts in good condition.

Note: If using a blower, electrical connections should be made prior to the firebox being enclosed by the finished walls.

MAKE SURE YOU HAVE RECEIVED ALL PARTS

Verify contents to ensure all parts have been received. The following should be included:

1. Vent Free Gas Firebox
2. Canopy
3. Installation and Operating Instructions
4. Four (4) sheet metal screws for canopy
5. Screens & Screen Rods

WHAT YOU WILL NEED FOR INSTALLATION

TOOLS and BUILDING SUPPLIES

- Phillips screwdriver
- Framing materials
- Saw and / or saber saw
- Level
- Measuring tape
- Electric drill and bits
- Fireplace surround materials (*noncombustible*)
- Caulking material (*noncombustible*)
- Wall finishing materials
- Piping complying with local codes
- Pipe sealant approved for use with propane/L.P.G. (*resistant to sulfur compounds*)
- Square
- Hammer
- Tee joint
- Pipe wrench
- Pliers

Refer to the installation instructions provided with the log sets for items required for log set installation.

In planning the installation for the appliance it is necessary to determine where the unit is to be installed and whether optional accessories are desired. Gas supply piping should also be planned. The following steps represent the normal sequence of installation. Each installation is unique, however, and might require a different sequence.

1. Position firebox prior to framing or into prepared framing.
2. The canopy supplied with the unit must be installed. See Canopy Installation on page 10.
3. Field wire main power supply to models with fan kit. (Electrical connections should only be performed by an experienced, licensed /certified tradesman).
4. Plumb gas line. (Gas connections should only be performed by an experienced, licensed/certified tradesman).
5. Install vent-free gas log heater per the instructions provided with the vent-free gas log heater.
6. Complete finish wall material, surround and optional hearth extension to your individual taste.

4 Firebox and Framing Dimensions

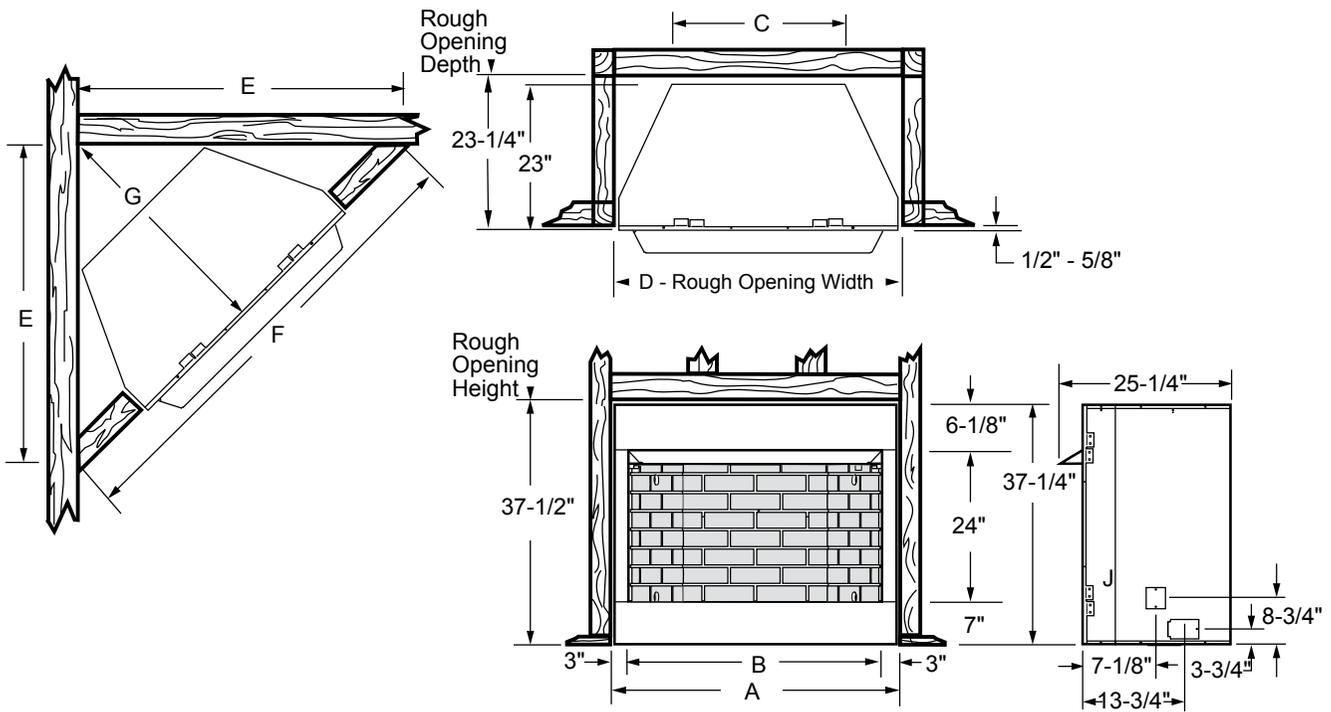


Figure 4.1 Firebox and Framing Dimensions

Ref.	BUF36, BUF36-R	BUF42, BUF42-R
A	42"	48"
B	36"	42"
C	28-1/4"	30-3/4"
D - Chase Installation	42-1/2"	48-1/2"
D - Recessed Installation	42-3/4"	48-3/4"
E	52"	56-5/8"
F	71-1/2"	74-1/2"
G	36-3/4"	38-7/8"

5 Hearth Dimensions and Firebox Locations

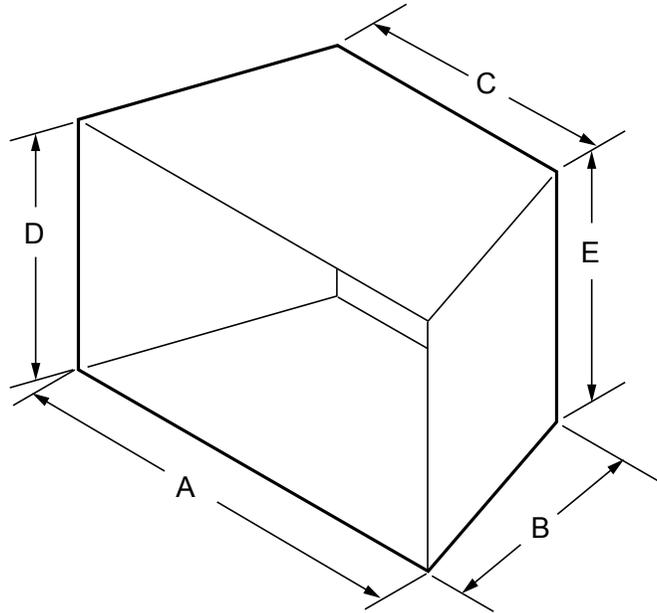


Figure 5.1 Minimum Hearth Dimensions

Ref.	BUF36	BUF36-R	BUF42	BUF42-R
A	35-1/4"	33-3/4"	41-1/4"	39-3/4"
B	18-5/8"	17-7/8"	18-5/8"	17-7/8"
C	27-1/4"	25-3/4"	30-1/4"	28-3/4"
D	21-3/4"	21-3/4"	21-3/4"	21-3/4"
E	20-3/8"	20-3/8"	20-3/8"	20-3/8"

FIREBOX LOCATION

Carefully select the best location for installation of your vent-free firebox. The following factors should be taken into consideration:

- Clearance to side wall, ceiling, woodwork and windows. See "Clearances/Height Requirements on page 8. Minimum clearances to combustibles **must be maintained**.
- Location must not be affected by drafts caused by kitchen exhaust fans, ceiling fans, return air registers for forced air furnaces / air conditioners, windows or doors.
- Installation must provide adequate ventilation and combustion air.
- Location should be out of high traffic or windy or drafty areas.
- **DO NOT INSTALL WHERE CURTAINS, FURNITURE, CLOTHING OR OTHER FLAMMABLE OBJECTS ARE LESS THAN 42" FROM FRONT OF HEATER.**
- Never obstruct the front opening of the vent-free firebox or restrict the flow of combustion and ventilation air.
- Minimize modifications to existing construction. Refer to Figure 5.2 for location suggestions.
- Do not install in the vicinity where gasoline or other flammable liquids may be stored. The vent free firebox must be kept clear and free from these combustible materials.

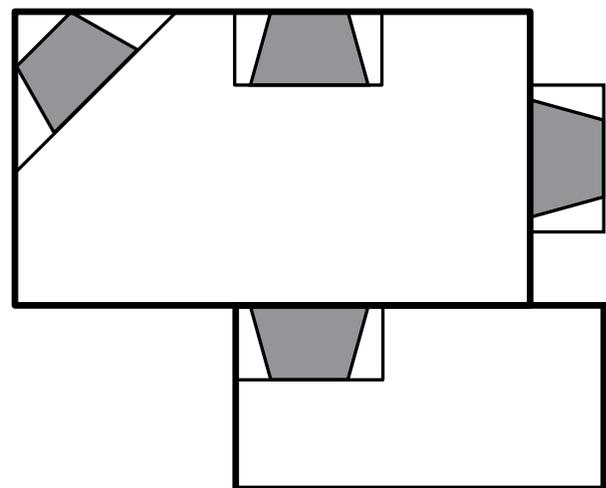


Figure 5.2 Location of Firebox

6 Clearances

Ensure that minimum clearances shown in Figures 6.1 through 6.3 are maintained. Left and right clearances are determined when facing the front of the firebox.

Follow these instructions carefully to ensure safe installation. Failure to follow these requirements may create a fire hazard.

- Sidewall clearances:** The clearance from the inside of the appliance to any combustible wall should not be less than 9". See Figure 6.1.
- Ceiling clearance:** The ceiling must be at least 42" from the top of the firebox opening. See Figure 6.1.
- Back wall clearance:** The appliance may be placed against a combustible back wall.

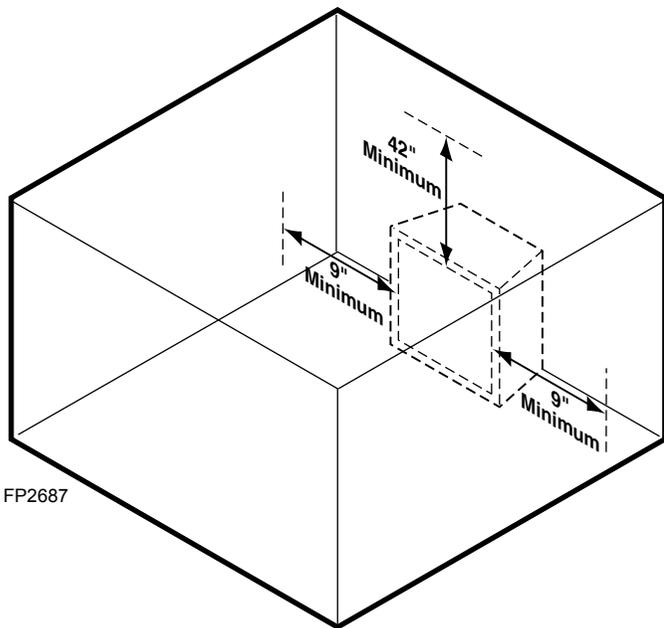


Figure 6.1 Clearance and Height Requirements

- Mantel clearances:** If a combustible mantel is installed, it must meet the clearance requirements as shown in Figures 6.2 & 6.3.

NOTE: The canopy supplied with the unit must be installed for correct mantel clearances.

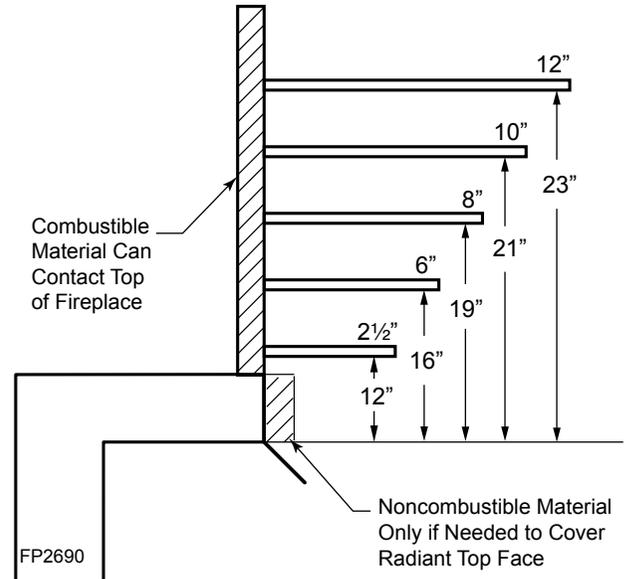


Figure 6.2 Mantel Clearances

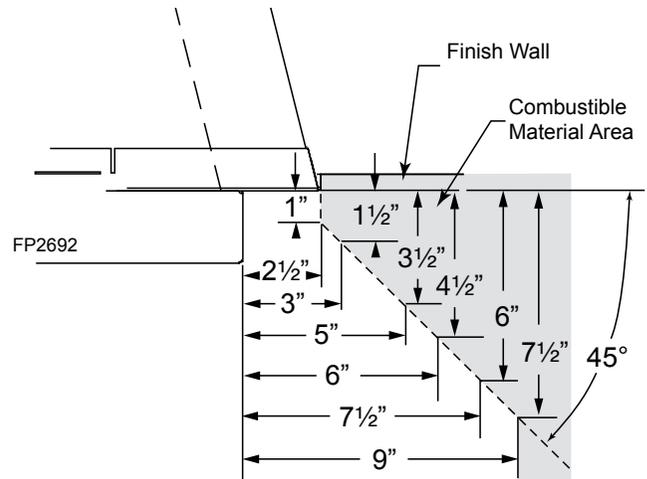


Figure 6.3 Mantel Leg Clearance

5. Floor clearance: This inner chamber firebox floor must be installed at least 5" above any combustible flooring material, such as carpeting or asphalt tile, which is closer than 14" to the base of the firebox. See Figure 6.4.

Or

The inner chamber firebox floor may be installed nearer to the floor if a minimum of 14" of noncombustible material such as slate or marble is installed between the base of the firebox and the combustible flooring. See Figure 6.5.

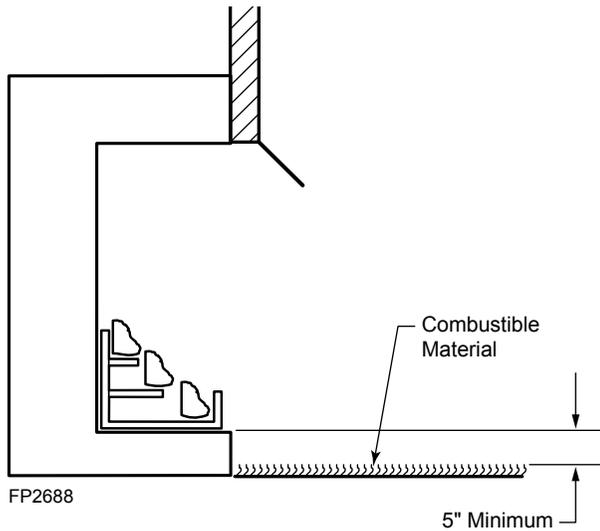


Figure 6.4 Minimum Clearance Above Combustible Flooring

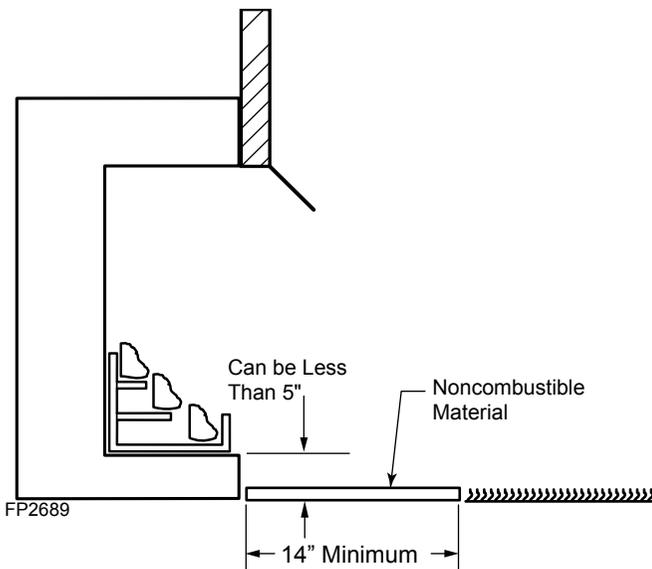


Figure 6.5 Minimum Clearance Above Combustible Flooring with Noncombustible Material Installed at Base of Fireplace

Firebox framing can be built before or after the appliance is set in place. Construct firebox framing following Figure 4.1 for your specific installation requirements. Refer to Figure 4.1 on page 9 for firebox dimensions. The framing headers may rest on the top of the firebox standoffs.

The firebox may be installed directly on a combustible floor or raised on a platform of an appropriate height. When the firebox is installed directly on carpeting, tile, or other combustible material, other than wood flooring, the firebox shall be installed on a metal or wood panel extending the full width and depth of the enclosure.

⚠WARNING!

Do not fill spaces around firebox with insulation or other materials. This could cause a fire.

⚠WARNING!

The fireplace must be installed giving full consideration to the clearance and height requirements identified in this manual.

7 Fireplace, Canopy and Gas Line Installation

SECURING AND LEVELING THE APPLIANCE

1. Bend out the nailing flanges located on each side of the firebox.
2. Slide the firebox into prepared framing or position firebox in its final position and frame later.
3. Level the firebox by checking the top edge of the firebox. Shim if necessary.
4. Anchor firebox to the side framing members using 8d nails or other suitable fasteners. Figure 7.1
5. The canopy must be installed for safe operation of the firebox.

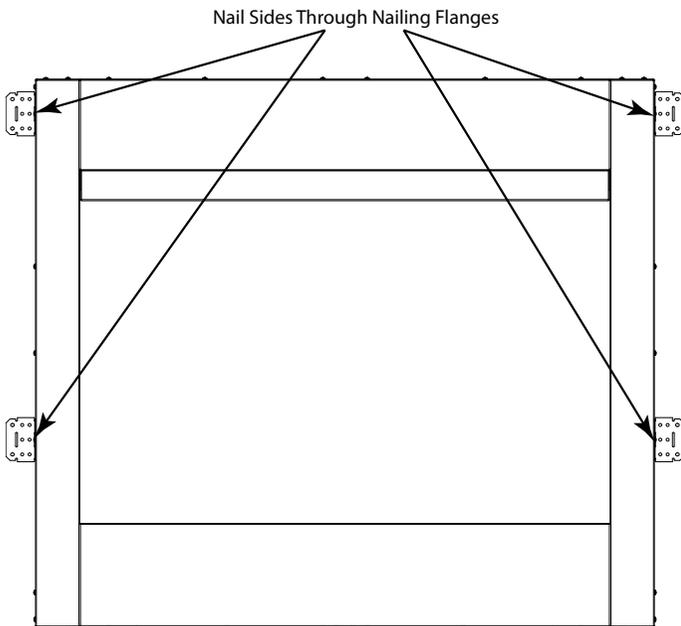


Figure 7.1 Location of Nailing Flanges

CANOPY AND SCREEN INSTALLATION

A canopy is furnished with each firebox and **MUST** be installed for safe operation.

1. Locate two holes (one at each end) of canopy and attach to face of unit with supplied screws.
2. Install screen assembly spacers in holes opposite from one another. Figure 7.2.
3. Insert screen rod and screen assembly into small hole on either side and attach screen rod through canopy into screen assembly spacers with supplied screw. Figure 7.3
4. Repeat with opposite side. (Screen rods should be in opposite hole patterns in order to not bunch together.)

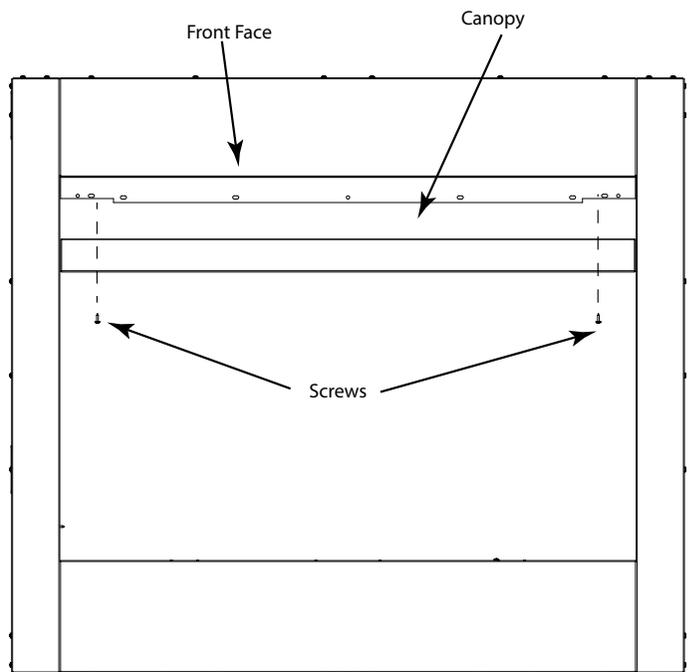


Figure 7.3 Canopy Installation

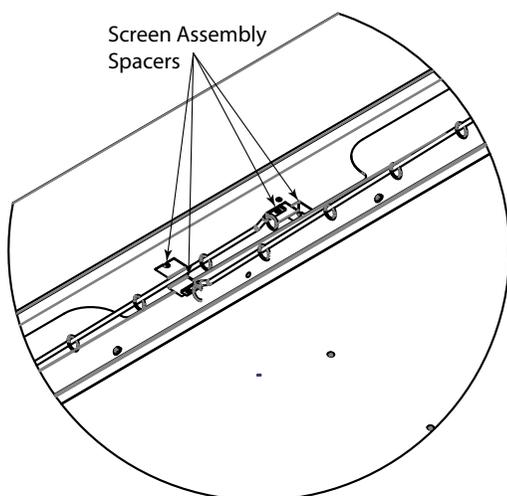


Figure 7.2 Location of Screen Assembly Spacers

⚠ WARNING!
The firebox canopy must not be modified or replaced with a canopy that may be provided with the vent free decorative room heater.

⚠ WARNING!
Close fireplace screen panel before operating a decorative type vent free room heater.

GAS CONNECTIONS

⚠WARNING!

Plumbing connections should only be performed by a qualified, licensed plumber. Main gas supply must be off when plumbing gas line to fireplace or performing service.

Consult all local codes. All gas piping must be installed to comply with local codes, or in the absence of local codes, with the latest edition of the National Fuel Gas Code ANSI Z223.1/NFPA54.

The 1/2" gas line may enter either from the left side or right side of the firebox. Gas access holes are provided on both sides of the firebox.

A listed manual shutoff valve must be installed upstream of the appliance. A union tee and plugged 1/8" NPT pressure tapping point should be installed upstream of the appliance.

IMPORTANT: Install main gas valve (equipment shutoff valve) in an accessible location. The main gas valve is for turning on or shutting off the gas to the fireplace.

A sediment trap may be upstream of the heater to prevent moisture and contaminants from passing through trap to the heater controls and burners. Failure to do so could prevent the heater from operating reliably. Consult applicable codes.

An external regulator must be used on all propane/L.P.G. heaters, in addition to the regulator fitted to the heater, to reduce the supply tank pressure to 13" w.c. (maximum). Any copper tubing used to supply propane / L.P.G. from the tank must be internally tinned.

NOTE: When connecting propane / L.P.G. vent-free room heaters, you must use pipe sealant resistant to propane / L.P.G.

IMPORTANT: Hold heater regulator with a wrench to prevent movement when connecting to inlet piping.

Check gas type: The gas supply must be the same as stated on the heater's rating plate. If the gas supply is different, DO NOT INSTALL THE HEATER. Contact your dealer for the correct model.

⚠WARNING!

Connecting directly to an unregulated propane / L.P.G. tank can cause an explosion.

⚠WARNING!

Do not connect directly to natural gas 1/2 PSI or 2 PSI systems. Always make sure natural gas pressure is regulated 10.5 w.c. (maximum before operating the unit).

Notice: After completing connection, test all gas joints from the gas meter to the gas heater regulator for leaks. Using soap and water solution or a gas sniffer. DO NOT USE AN OPEN FLAME.

8 Combustion Air

AK22 INSTALLATION

Note: The AK22 is an optional accessory that can be used to bring in fresh air. Use of the AK22 is not required for operation unless specified by local codes.

1. Locate combustion air assembly at an exterior location which is not likely to be accidentally blocked in any manner. Locate assembly a min. of 12" above the snow line to prevent blockage by snow accumulation.
2. Never mount the combustion air inlet assembly in a garage or storage area where combustible fumes such as gasoline might be drawn into the fireplace.
3. Combustion air can be drawn from the crawl space under a house when an adequate supply of air is provided by open ventilation.
4. **CAUTION:** Do not take combustion air from attic space or garage space.
5. Locate air supply inlet at least 3' away from any appliance vent terminal.
6. Avoid extremely long runs and numerous turns in the duct leading from the fireplace to the combustion air assembly. These conditions increase the resistance to the free flow of air through the duct. Refer to Figures 8.1 through 8.4 for methods of installing the outside air for combustion assemblies.

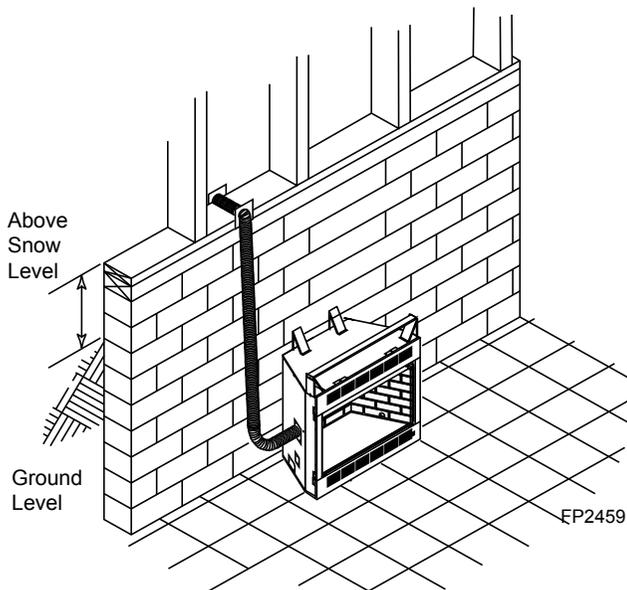


Figure 8.1 Basement Installation

NOTE: Fireplace model in illustrations may not be representative of your appliance.

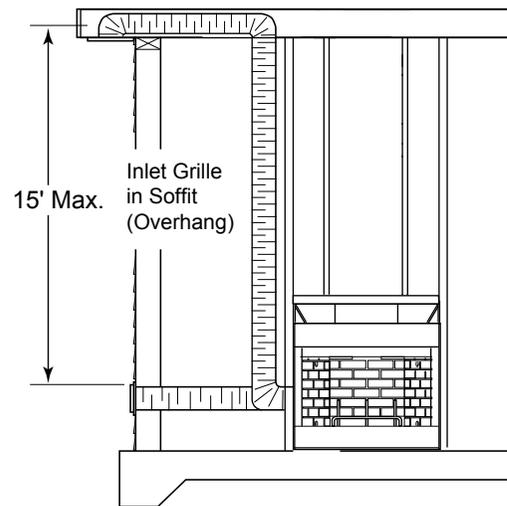


Figure 8.2 Concrete Slab Installation (Optional Outside Air Runs)

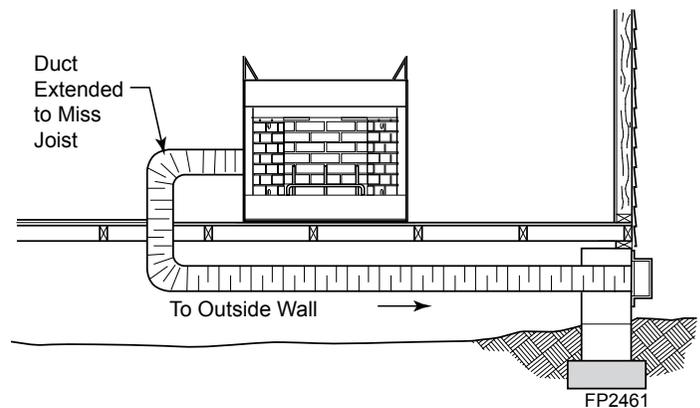


Figure 8.3 Installation Above Basement or Crawl Space

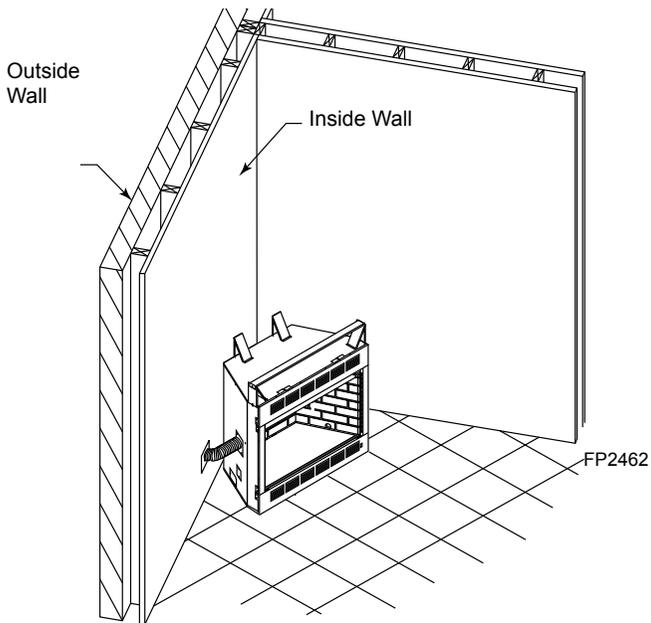


Figure 8.4 45° Corner Installation on Slab Floor

⚠ WARNING!

DO NOT remove the cover on side of firebox if the outside air will not be connected.

Step by Step Installation

1. Attach the collar to the side of the fireplace by aligning the four holes in the collar with the four holes on the fireplace side. Attach with the screws provided. See Figure 8.6.
2. Mark and cut out a 4 in. (102 mm) hole in the building side for air entry. This hole should allow for some framing (two sides) so the hooded air inlet may be nailed into position, flush with the building's outside.
3. Install hooded air inlet in the sidewall of the structure.
4. Assemble the flexible duct ID4 or UD4 (not supplied) between the collar and the hooded air inlet. Secure it into position with the supplied wire ties.

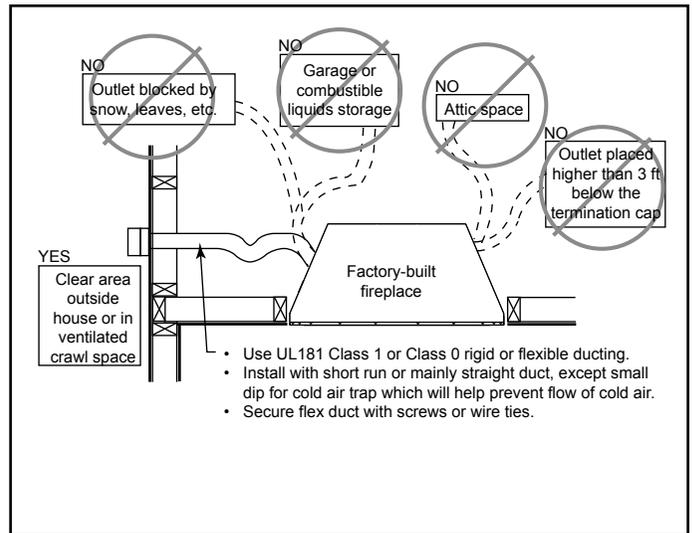


Figure 8.5

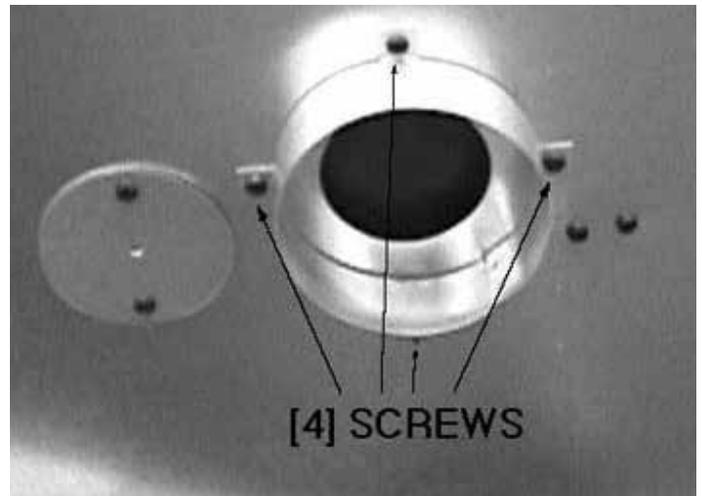


Figure 8.6

9 Optional Equipment

FORCED AIR KIT (BLOTMC)

If you are installing the forced air kit, Model BLOTMC, see the installation instructions provided with the kit for electrical wiring requirements. The firebox must be connected to main power supply at time of firebox installation. The blower must be installed prior to the installation of the vent-free heater. The electrical connections must be made before the firebox is framed and enclosed in the finished walls.

⚠WARNING!

Electrical connections should only be performed by a qualified, licensed electrician, main power must be off when connecting to main electrical power supply or performing service.

When installed, the blower must be electrically grounded in accordance with local codes or in the absence of local codes, with the National Electrical Code ANSI/NFPA 70.

REFRACTORY

Optional refractory panels (left, right and back) may be installed in the BUF36 and BUF42. (**NOTE:** The BUF36-R and BUF42-R models come standard with refractory installed.) If refractory is being installed, please refer to the firebrick liner kit installation instructions provided with the refractory panels for more information.

For BUF36-R and BUF42-R refractory panels are shipped installed. Once unit is in place, remove the shipping brackets from the rear brick panel (leave screws in place) and the brackets from the left and right front. **NOTE:** Brackets located on top and bottom of side panels remain in place. See Figure 9.1.

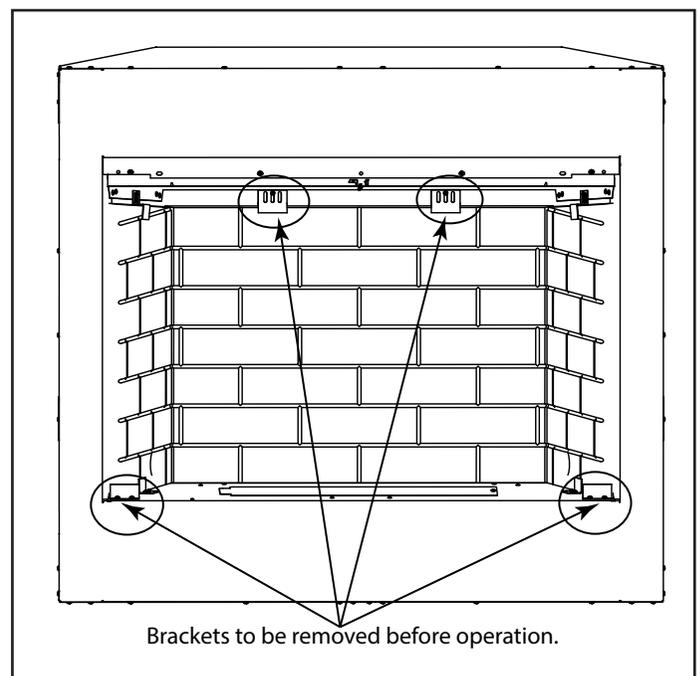


Figure 9.1

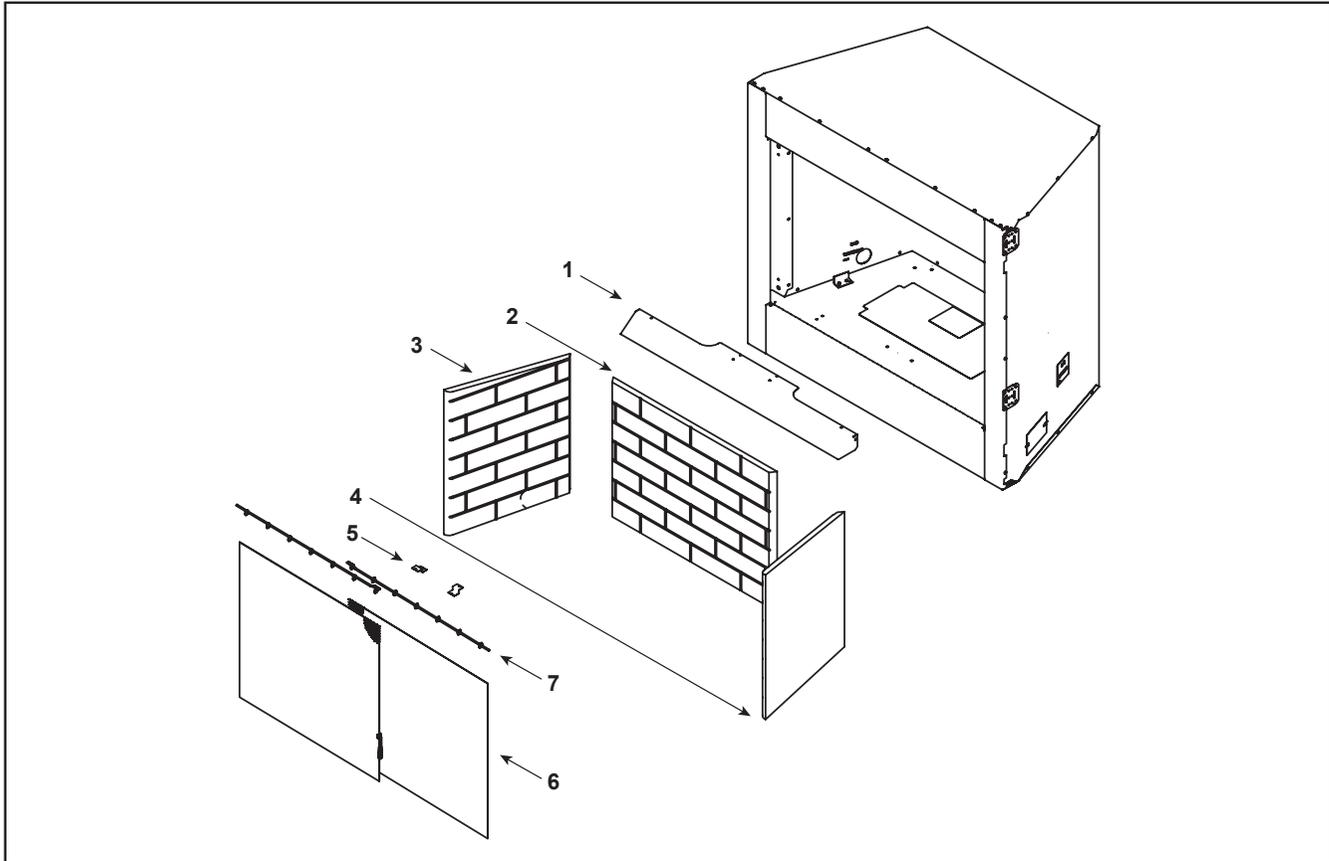
10 Service Parts



Service Parts

BUF36

Beginning Manufacturing Date: Jan 2017
Ending Manufacturing Date: Active



IMPORTANT: THIS IS DATED INFORMATION. Parts must be ordered from a dealer or distributor. **Hearth and Home Technologies does not sell directly to consumers.** Provide model number and serial number when requesting service parts from your dealer or distributor.

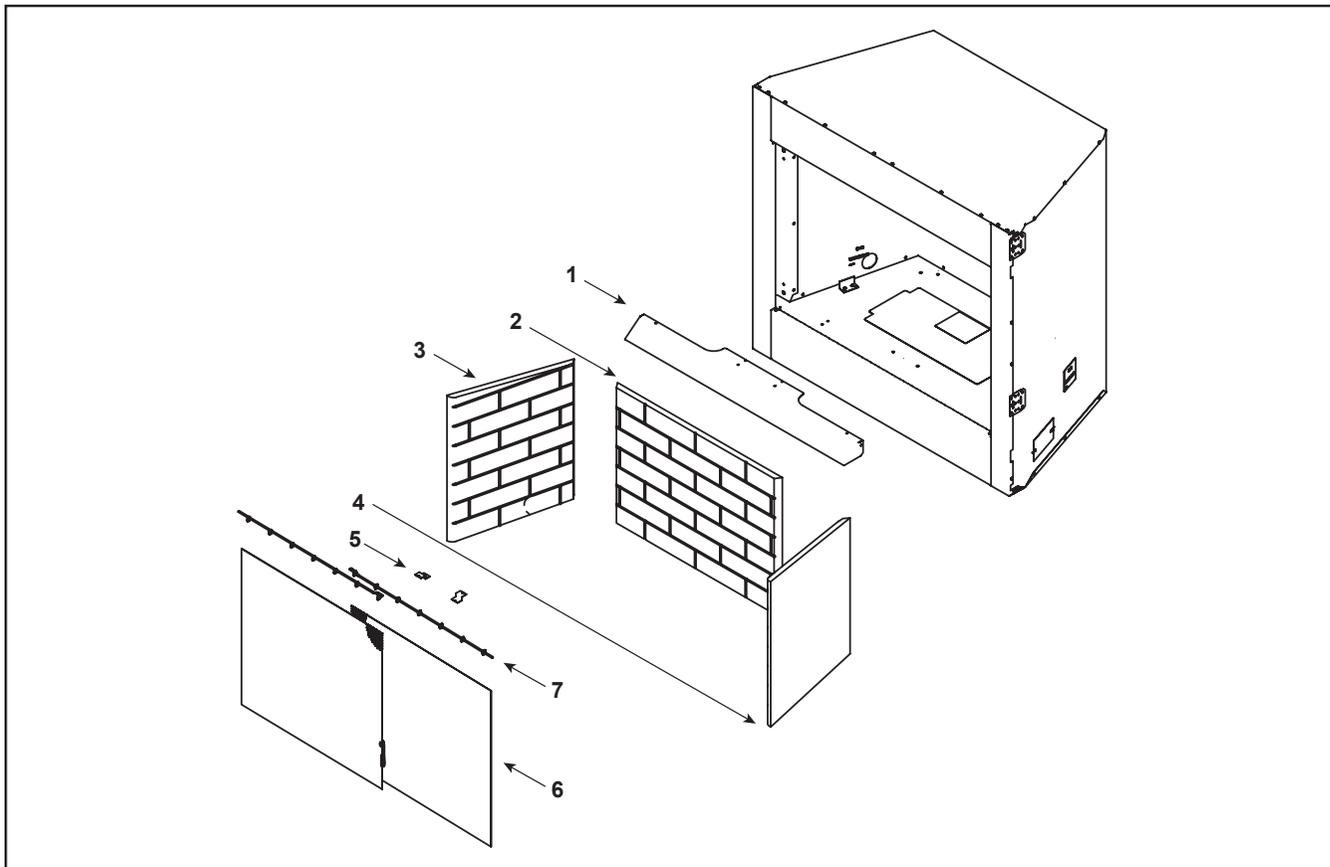


Stocked at Depot

ITEM	DESCRIPTION	COMMENTS	PART NUMBER	
1	Canopy		SRV4600-107	
	Refractory Assembly		FBBUF36R	
2	Rear Refractory		SRV4600-700	
3	Left Refractory		SRV4600-701	
4	Right Refractory		SRV4600-702	
5	Screen Assembly Spacer	Qty 2 req	SRV4600-109	Y
6	Screen Panel	Qty 2 req	SRV4600-020	Y
	Handle, Screen		10002	
	Firescreen Ring	Qty 9 req	11857B	
7	Screen Rod	Qty 2 req	12052	Y
	Junction Box		21878	
	Junction Box Cover Plate	Qty 3 req	26548	
	Junction Box Bracket		4049-176	
	Nailing Flange	Qty 4 req	31190	
	Outside Air Kit		AK22	

Additional service part numbers on following page.

12/16

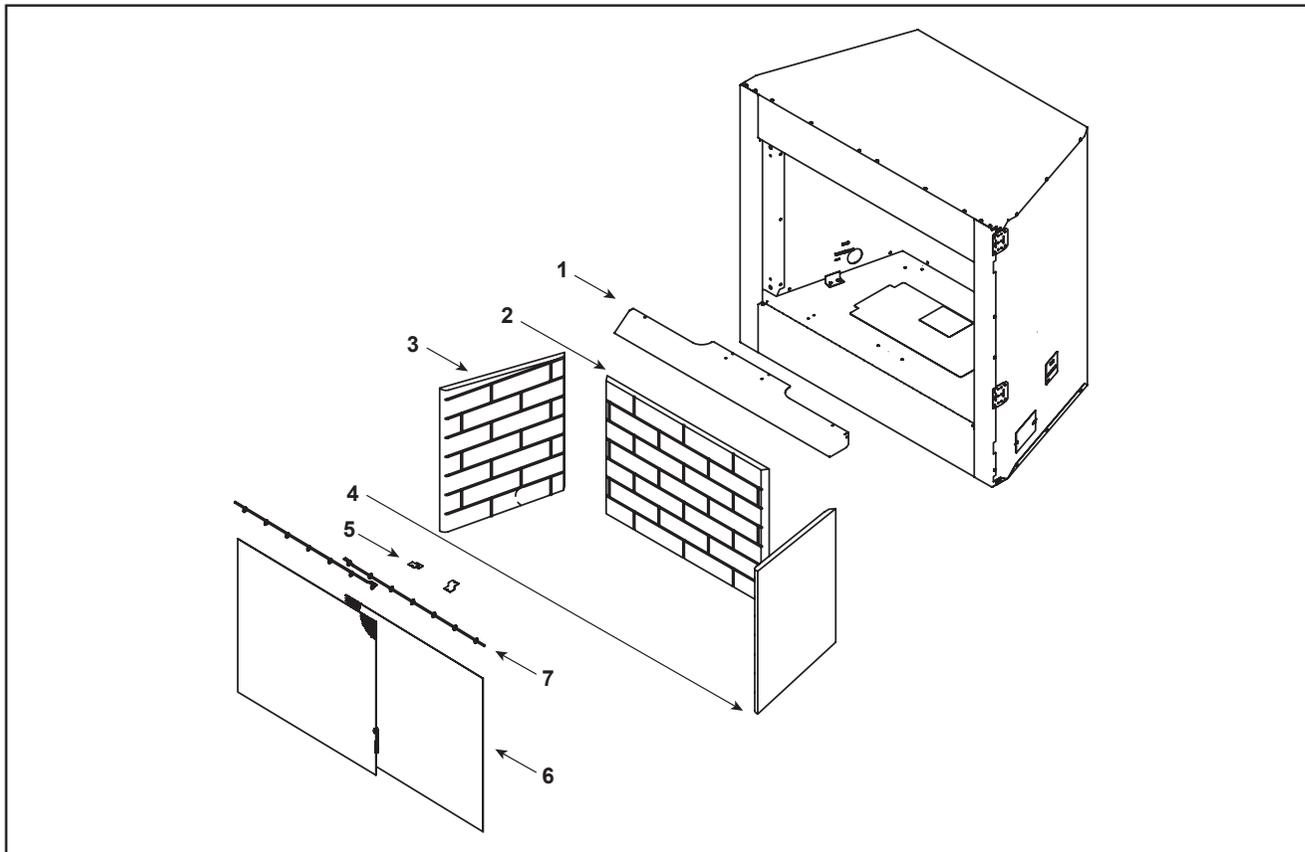


IMPORTANT: THIS IS DATED INFORMATION. Parts must be ordered from a dealer or distributor. **Hearth and Home Technologies does not sell directly to consumers.** Provide model number and serial number when requesting service parts from your dealer or distributor.



Stocked at Depot

ITEM	DESCRIPTION	COMMENTS	PART NUMBER	
1	Canopy		SRV4600-107	
	Refractory Assembly		FBBUF36R	
2	Rear Refractory		SRV4600-700	
3	Left Refractory		SRV4600-701	
4	Right Refractory		SRV4600-702	
5	Screen Assembly Spacer	Qty 2 req	SRV4600-109	Y
6	Screen Panel	Qty 2 req	SRV4600-020	Y
	Handle, Screen		10002	
	Firescreen Ring	Qty 9 req	11857B	
7	Screen Rod	Qty 2 req	12052	Y
	Junction Box		21878	
	Junction Box Cover Plate	Qty 3 req	26548	
	Junction Box Bracket		4049-176	
	Nailing Flange	Qty 4 req	31190	
	Outside Air Kit		AK22	



IMPORTANT: THIS IS DATED INFORMATION. Parts must be ordered from a dealer or distributor. **Hearth and Home Technologies does not sell directly to consumers.** Provide model number and serial number when requesting service parts from your dealer or distributor.

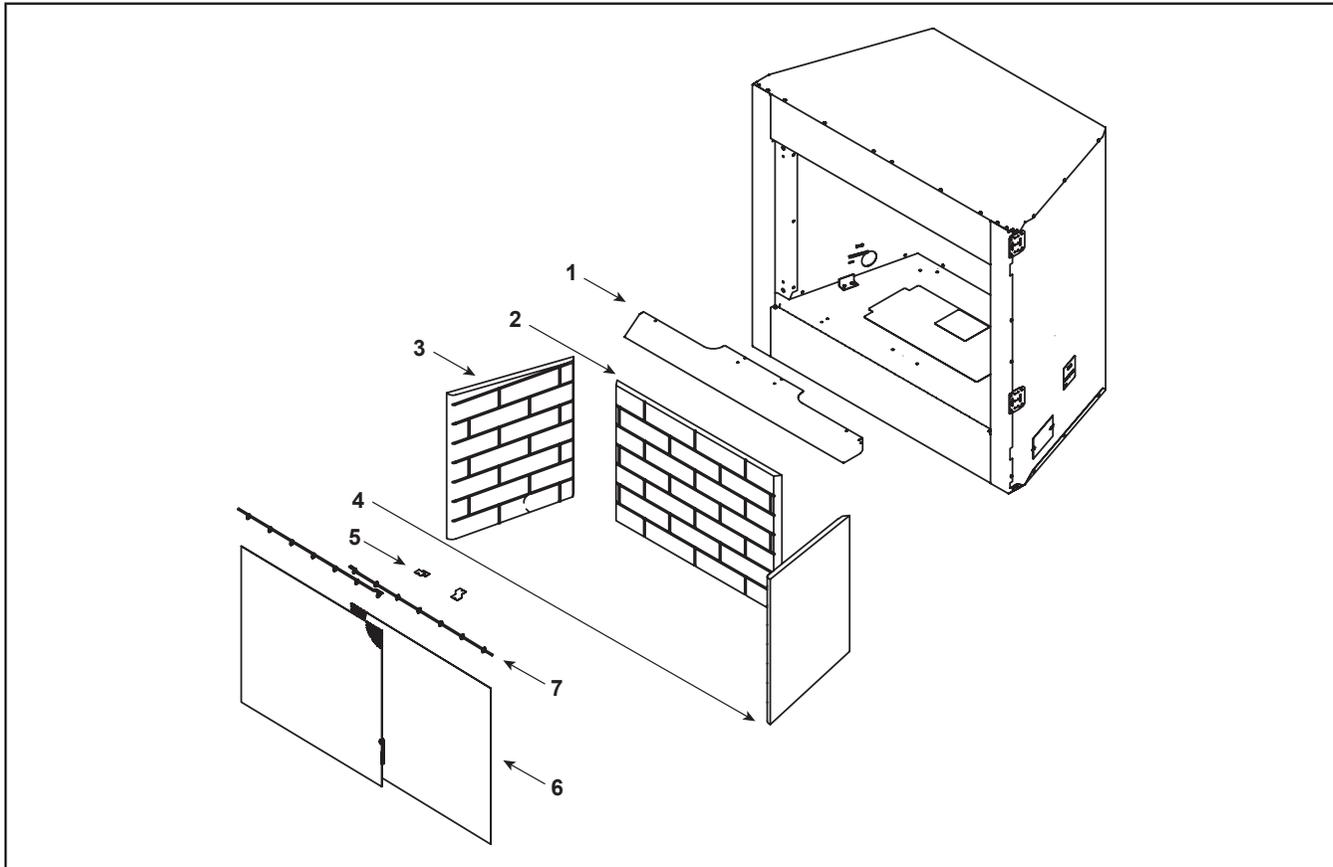


Stocked at Depot

ITEM	DESCRIPTION	COMMENTS	PART NUMBER	Stocked at Depot
1	Canopy		SRV4603-107	
	Refractory Assembly		FBBUF42R	
2	Rear Refractory		SRV4603-700	
3	Left Refractory		SRV4600-701	
4	Right Refractory		SRV4600-702	
5	Screen Assembly Spacer	Qty 2 req	SRV4600-109	Y
6	Screen Panel	Qty 2 req	SRV4603-020	Y
	Handle, Screen		10002	
	Firescreen Ring	Qty 9 req	11857B	
7	Screen Rod	Qty 2 req	12052	Y
	Junction Box		21878	
	Junction Box Cover Plate	Qty 3 req	26548	
	Junction Box Bracket		4049-176	
	Nailing Flange	Qty 4 req	31190	
	Outside Air Kit		AK22	

Additional service part numbers on following page.

12/16



IMPORTANT: THIS IS DATED INFORMATION. Parts must be ordered from a dealer or distributor. **Hearth and Home Technologies does not sell directly to consumers.** Provide model number and serial number when requesting service parts from your dealer or distributor.



Stocked at Depot

ITEM	DESCRIPTION	COMMENTS	PART NUMBER	
1	Canopy		SRV4603-107	
	Refractory Assembly		FBBUF42R	
2	Rear Refractory		SRV4603-700	
3	Left Refractory		SRV4600-701	
4	Right Refractory		SRV4600-702	
5	Screen Assembly Spacer	Qty 2 req	SRV4600-109	Y
6	Screen Panel	Qty 2 req	SRV4603-020	Y
	Handle, Screen		10002	
	Firescreen Ring	Qty 9 req	11857B	
7	Screen Rod	Qty 2 req	12052	Y
	Junction Box		21878	
	Junction Box Cover Plate	Qty 3 req	26548	
	Junction Box Bracket		4049-176	
	Nailing Flange	Qty 4 req	31190	
	Outside Air Kit		AK22	

C. Contact Information

– NOTES –



LOVE AT FIRST LIGHT

Monessen, a brand of Hearth & Home Technologies
7571 215th Street West, Lakeville, MN 50044
www.monessenhearth.com