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We suggest 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.

Tested & Listed By



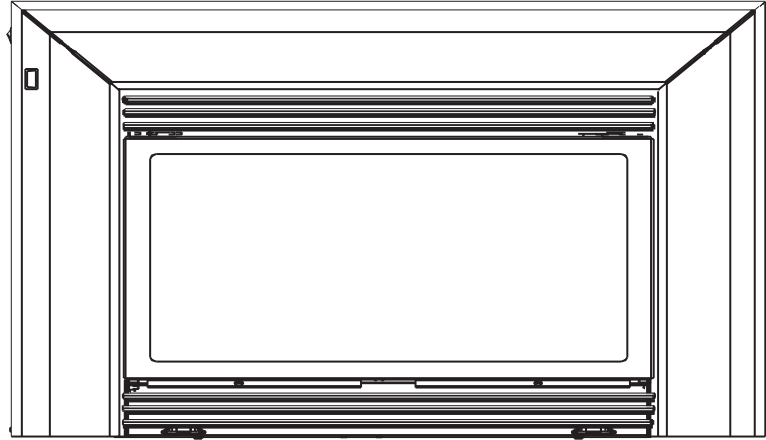
Beaverton Oregon USA

OMNI-Test Laboratories, Inc.

Report No. 116-F-15-5

# INSTALLATION INSTRUCTIONS MANUAL

## B-VENT GAS FIREPLACE HEATER INSERT



Elite™ Series, Model: EBVI25 & EBVI30

Suitable for installation into masonry or factory built fireplaces.  
RETAIN THIS MANUAL FOR FUTURE REFERENCE

P/N 775,154M B, 7/2004

**WARNING: IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.**

**FOR YOUR SAFETY:** Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.

**FOR YOUR SAFETY:** What to do if you smell gas:

- DO NOT light any appliance.
- DO NOT touch any electrical switches.
- Do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow your gas suppliers instructions.
- If your gas supplier cannot be reached, call the fire department.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

**AVERTISSEMENT: ASSUREZ-VOUS DE BIEN SUIVRE LES INSTRUCTIONS DONNÉ DANS CETTE NOTICE POUR RÉDUIRE AU MINIMUM LE RISQUE D'INCENDIE OU POUR ÉVITER TOUT DOMMAGE MATÉRIEL, TOUTE BLESSURE OU LA MORT.**

**POUR VOTRE SÉCURITÉ:** Ne pas entreposer ni utiliser d'essence ni d'autre vapeurs ou liquides inflammables dans le voisinage de cet appareil ou de tout autre appareil.

**POUR VOTRE SÉCURITÉ:** Que faire si vous sentez une odeur de gaz:

- Ne pas tenter d'allumer d'appareil.
  - Ne touchez à aucun interrupteur. Ne pas vous servir des téléphones se trouvant dans le bâtiment où vous vous trouvez.
  - Evacuez la pièce, le bâtiment ou la zone.
  - Appelez immédiatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur.
  - Si vous ne pouvez rejoindre le fournisseur de gaz, appelez le service des incendies.
- L'installation et service doit être exécuté par un qualifié installateur, agence de service ou le fournisseur de gaz.

## CONGRATULATIONS ON THE PURCHASE OF YOUR NEW GAS APPLIANCE MANUFACTURED BY LENNOX HEARTH PRODUCTS.

When you purchased your new gas fired heater, you joined the ranks of thousands of concerned individuals whose answer to their home heating needs reflects their concern for aesthetics, efficiency and our environment. We extend our continued support to help you achieve the maximum benefit and enjoyment available from your new gas fired heater. It is our goal at Lennox Hearth Products to provide you, our valued customer, with an appliance that will ensure you years of trouble free warmth and pleasure.

Thank you for selecting a Lennox Hearth Products gas fired heater as the answer to your home heating needs.

Sincerely,  
All of us at Lennox Hearth Products

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This installation manual will help you obtain a safe, efficient, dependable installation for your appliance and vent system.

### PLEASE READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING YOUR INSTALLATION.

This appliance may be used with a thermostat (see Optional Wall Thermostat). This appliance is certified for use in bedrooms. If installed in a bedroom in Canada, a thermostat IS required.

### PACKAGING LIST

#### The assembled vented gas fireplace heater is packaged with:

- One accessory package containing a literature package (installation and operation instruction manuals) is located on top of the appliance.
- One log set, one bag of embers, one bag of vermiculite, one propane conversion kits.
- One Warranty Certificate.
- One Fireplace Warning Label.
- One Draft Hood Sliding Tool.

### SURROUND ASSEMBLY SOLD SEPARATELY

#### MODEL: EBVI25

SKS-25, Surround Kit, Small  
(41 1/16" W x 26 1/16" H)

SKM-25, Surround Kit, Medium  
(44 1/8" W x 27 5/8" H)

#### MODEL: EBVI30

SKS-30, Surround Kit, Small  
(40 1/4" W x 27 1/2" H)

SKM-30, Surround Kit, Medium  
(45 3/4" W x 30 1/4" H)

SKL-30, Surround Kit, Large  
(49 1/4" W x 30" H)

### INTRODUCTION

This appliance complies with National Safety Standards and is tested and listed by OMNI-Test Laboratories Inc.; Beaverton, Oregon (Report No. 116-F-15-5) to ANSI Z21.88-2002 (in Canada, CSA-2.33-2002), and CAN/GA-2.17-M91 in both USA and Canada, as vented gas fired room heater.

Installation must conform to local codes. In the absence of local codes, installation must comply with the current National Fuel Gas Code, ANSI Z223.1. (In Canada, the current CAN-1 B149 installation code.) Electrical wiring must comply with the National Electrical Code ANSI/ NFPA 70 - latest edition. In Canada, the current CSA C22-1 Canadian Electrical Code - latest edition.

This appliance requires an adequate supply of combustion and ventilation air. As an aid in determining whether or not these requirements have been satisfied, follow the procedure indicated in the section entitled Spill Test Procedure (see page 16).

This gas fireplace heater is a natural convection, heat circulating gas fireplace insert designed for residential applications. This heater is designed to be installed into an existing masonry or factory built solid fuel burning fireplace only - Masonry fireplace must be built to UBC 37 or ULC S628 standards and factory built (zero clearance) fireplace must be listed to UL 127 or ULC S610. Units must use a 4" listed B-Vent or listed liner (conforming to UL 1777) from the appliance outlet to the chimney termination. The venting system must be routed through the existing fireplace flue system to the vent termination.

#### This millivolt appliance is designed to operate on natural gas or propane gas only.

A millivolt gas control valve with piezo ignition system provides safe, efficient operation. External electrical power is required to operate the blower.

This unit is factory set for use with Natural Gas and will require a field conversion for use with Propane (other fuels are NOT allowed). The use of other fuels or combination of fuels will degrade the performance of this system and may be dangerous.

**DO NOT ATTEMPT TO ALTER OR MODIFY THE CONSTRUCTION OF THE APPLIANCE OR ITS COMPONENTS. ANY MODIFICATION OR ALTERATION MAY VOID THE WARRANTY, CERTIFICATION AND LISTINGS OF THIS UNIT.**

**The millivolt appliance is manually controlled and features a spark igniter (piezo) that allows the appliance's pilot gas to be lit without the use of matches or batteries. This system provides continued service in the event of a power outage.**

This appliance uses a millivolt type control system consisting of a gas control valve with regulator (control to adjust for flame appearance and heat output), a standing pilot burner assembly, a thermopile, thermocouple, a piezo igniter, and ON/OFF switch. All exhaust gases must be vented outside the structure. Combustion air is drawn from the room where appliance is installed. THE GAS BURNER SYSTEM ON THIS APPLIANCE DOES NOT REQUIRE 120 VOLT POWER TO OPERATE. However, the heat circulation blower requires 120 Volt power (the appliance can be safely used with the blower turned off). The blower operation is controlled by a variable speed rheostat located on the left side surround panel (if optional surround is installed) and temperature switch located beneath of firebox bottom on the front left side.

### GENERAL INFORMATION

The appliance installation, repair and annual inspection should be performed by a qualified service person. It is imperative that the control compartment, burners and circulating air passage ways of the appliance be kept clean.

S'assurer que le brûleur et le compartiment des commandes sont propres. Voir les instructions d'installation et d'utilisation qui accompagnent l'appareil.

Provide adequate clearances and adequate accessibility clearance for service and proper operation.

Table 1 shows the BTU input:

Millivolt Models with Manually-Modulated Gas Valves		
	Nat. Gas	Propane
Model No.	Input Rate (BTU / HR)	Input Rate (BTU / HR)
EBVI25	17,000 to 25,000	19,500 to 25,000
EBVI30	21,500 to 30,000	22,000 to 28,000

Table 1

Tables 2 and 3 show the gas pressure requirements for this appliance:

Inlet Gas Supply Pressure (all models)		
Fuel #	Minimum	Maximum
Natural Gas	4.5" WC (1.12 kPa)	10.5" WC (2.61 kPa)
Propane	11.0" WC (2.73 kPa)	13.0" WC (3.23 kPa)

Table 2

Manifold Gas Supply Pressure (all models)		
Fuel #	Low	High
Natural Gas	(Lo) 1.6" WC (.40 kPa)	(Hi) 3.5" WC (.87 kPa)
Propane	(Lo) 6.3" WC (1.57 kPa)	(Hi) 10.0" WC (2.49 kPa)

Table 3

Test gauge connections are provided on the front of the millivolt gas control valve (identified IN for the inlet and OUT for the manifold side). See Figures 32 & 33.

Table 4 shows the gas orifice size for the elevations indicated.

Model No.	Orifice Size		Elevation Feet (meters)
	Nat. Gas	Prop. Gas	
EBVI25	#41 (.096")	#53 (.0595")	0-4500 (0-1372)
EBVI30	#37 (.104")	1/16" (.0625")	0-4500 (0-1372)

Table 4

This appliance *must be isolated* from the gas supply piping system (by closing it's individual manual shut-off 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).

This appliance and it's individual shut-off valve *must be disconnected* from the gas supply piping system during any pressure testing of that system at pressures greater than 1/2 psig (3.5 kPa).

**THIS APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY OR FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.**

**WARNING: THIS APPLIANCE MUST BE PROPERLY CONNECTED TO A VENTING SYSTEM. OPERATION OF THIS GAS APPLIANCE WHEN NOT CONNECTED TO A PROPERLY INSTALLED AND MAINTAINED VENTING SYSTEM CAN RESULT IN CARBON MONOXIDE (CO) POISONING AND POSSIBLE DEATH.**

**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. TURN OFF THE GAS SUPPLY TO THE APPLIANCE AND HAVE IT SERVICED BY A QUALIFIED PROFESSIONAL, AS IT MAY NOT BE OPERATING PROPERLY.**

**DO NOT USE THIS APPLIANCE IF ANY PART HAS BEEN UNDER WATER. IMMEDIATELY CALL A QUALIFIED, PROFESSIONAL SERVICE TECHNICIAN TO INSPECT THE APPLIANCE AND TO REPLACE ANY PARTS OF THE CONTROL SYSTEM AND ANY GAS CONTROLS WHICH HAVE BEEN UNDER WATER.**

**NE PAS SE SERVIR DE CET APPAREIL S'IL A ÉTÉ PLONGÉ DANS L'EAU, COMPLÈTEMENT OU EN PARTIE. APPELER UN TECHNICIEN QUALIFIÉ POUR INSPECTER L'APPAREIL ET REMPLACER TOUTE PARTIE DU SYSTÈME DE CONTRÔLE ET TOUTE COMMANDE QUI ONT ÉTÉ PLONGÉS DANS L'EAU.**

**WARNING: DO NOT PLACE CLOTHING OR OTHER FLAMMABLE MATERIALS ON OR NEAR THIS APPLIANCE.**

**WARNING: FAILURE TO COMPLY WITH THE INSTALLATION AND OPERATING INSTRUCTIONS PROVIDED IN THIS DOCUMENT WILL RESULT IN AN IMPROPERLY INSTALLED AND OPERATING APPLIANCE, VOIDING ITS WARRANTY. ANY CHANGE TO THIS APPLIANCE AND/OR ITS OPERATING CONTROLS IS DANGEROUS. IMPROPER INSTALLATION OR USE OF THIS APPLIANCE CAN CAUSE SERIOUS INJURY OR DEATH FROM FIRE, BURNS, EXPLOSION OR CARBON MONOXIDE POISONING.**

**WARNING: CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES. USE CAUTION AROUND THE APPLIANCE TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.**

**AVERTISSEMENT: SURVEILLER LES ENFANTS. GARDER LES VÊTEMENTS, LES MEUBLES, L'ESSENCE OU AUTRES LIQUIDES À VAPEUR INFLAMMABLES À CÔTÉ DE L'APPAREIL.**

## QUESTIONS TO ASK LOCAL BUILDING OFFICIAL

This appliance must be installed per manufacturers' instructions. Installations must conform to appropriate local codes and applicable state and federal requirements. Familiarity with these requirements before installation is essential. Some important considerations to discuss with local building officials include:

1. Applicable codes (i.e. Uniform Mechanical Code, State or Regional Gas Codes, National Fuel Gas Code).
2. Local amendments.
3. Recognized listing/testing agency: OMNI-Test Laboratories Inc.; Beaverton, Oregon
4. Is a permit required - cost?
5. In some states or municipalities, a licensed gas fitter or plumber may be required to install this appliance. Check with your local building official for requirements in your area (i.e. Is a license required for installation of gas supply line)?

6. Maximum amount of gas pipe without a pressure test - type of test required?
7. Are below grade penetrations of the gas line allowed?
8. Is concealed gas piping allowed?
9. Specific requirements of concealed fittings?
10. Is rigid pipe to appliance required?
11. Allowed piping materials?
12. Shut-off valve required within 4 feet of the firebox?
13. May the shut-off valve be concealed?
14. Rooms where the installation is not allowed?
15. **This appliance is NOT approved for installation into a manufactured (mobile) home.**

In the absence of local codes, installation should conform to National Fuel Gas Code, ANSI Z223.1 / NFPA 54-Latest Edition in the USA or National Fuel Gas Code, CAN/CGA-B149-Latest Edition in Canada.

### HIGH ALTITUDE

#### **Installations at Altitudes of 0 to 4500 feet:**

This appliance has been tested and approved for elevations of 0 to 4500 feet (0 to 1370 meters).

#### **Installations at Altitudes above 4500 feet:**

For elevations above 4500 feet (1370 meters), install this appliance according to the regulations of the local authorities having jurisdiction and, in the USA, the latest edition of the National Fuel Gas Code (ANSI Z223.1) or, in Canada, the latest edition of the CAN-B149.1 and CAN-B149.2 codes.

## FIREPLACE REQUIREMENTS

**IMPORTANT:** When installing this appliance into a factory built fireplace or heatform, the air flow within and around the fireplace shall not be altered by the installation of the insert (i.e. DO NOT BLOCK louvers or cooling air inlet or outlet ports, circulating air chambers in a steel fireplace liner or metal heat circulator).

**CAUTION: The factory built firebox must accept the insert without modification** other than removing bolted or screwed together pieces such as smoke shelf / deflectors, ash lips, screen or door tracks and damper assemblies. Any fireplace component, which is removed, must be retained so they can be reinstalled to restore the fireplace to its original operating condition. The removal of any part must not alter the integrity of the outer shell of the pre-engineered fireplace cabinet in any way.

If any components are removed from (or altered) from the existing fireplace, a Warning Label (see below) must be affixed inside the fireplace firebox, so that it shall be visible upon removal of the fireplace insert. Note: RTV high temperature silicone is an approved adhesive.

**Fireplace Warning Label  
(Provided in Accessory Package)**

## WARNING

**THIS FIREPLACE HAS BEEN ALTERED TO ACCOMMODATE A FIREPLACE INSERT AND SHOULD BE INSPECTED BY A QUALIFIED PERSON PRIOR TO RE-USE AS A CONVENTIONAL FIREPLACE.**

**SPECIFICATIONS - Model EBVI25**

DIMENSIONS			
	inches (millimeter)		inches (millimeter)
A	26 5/8" (675 mm)	H	11 1/8" (282 mm)
B	20 1/2" (520 mm)	I	1 1/4" (31 mm)
C	13 3/8" (340 mm)	J	17 5/16" (439 mm)
D	SM - 41 1/16" (1043 mm) MED. = 44 1/8" (1121 mm)	K	15 1/4" (388 mm)
E	SM. - 26 1/16" (662 mm) MED. - 27 5/8" (702 mm)	L	**10 7/8" (276 mm)
F	19 3/8" (493 mm)	M	**24 7/8" (632 mm)
G	1 15/16" (49 mm)		

\*\* The total glass viewing area equals approx. 270 1/2 Sq. In

SPECIFICATIONS	
Natural Gas BTU Input	17,000 to 25,000
Propane Gas BTU Input	19,500 to 25,000
B-Vent Size	4" Dia. Liner
Room Blower CFM	110 cfm

EFFICIENCIES	
<b>ENERGUIDE</b>	64 % Nat. Gas; 68 % Prop. Gas
Steady State Efficiency *	79 % Nat. Gas; 81 % Prop. Gas

NOTES	
* The Steady State Efficiency numbers based on maximum vent configuration.	
Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.	

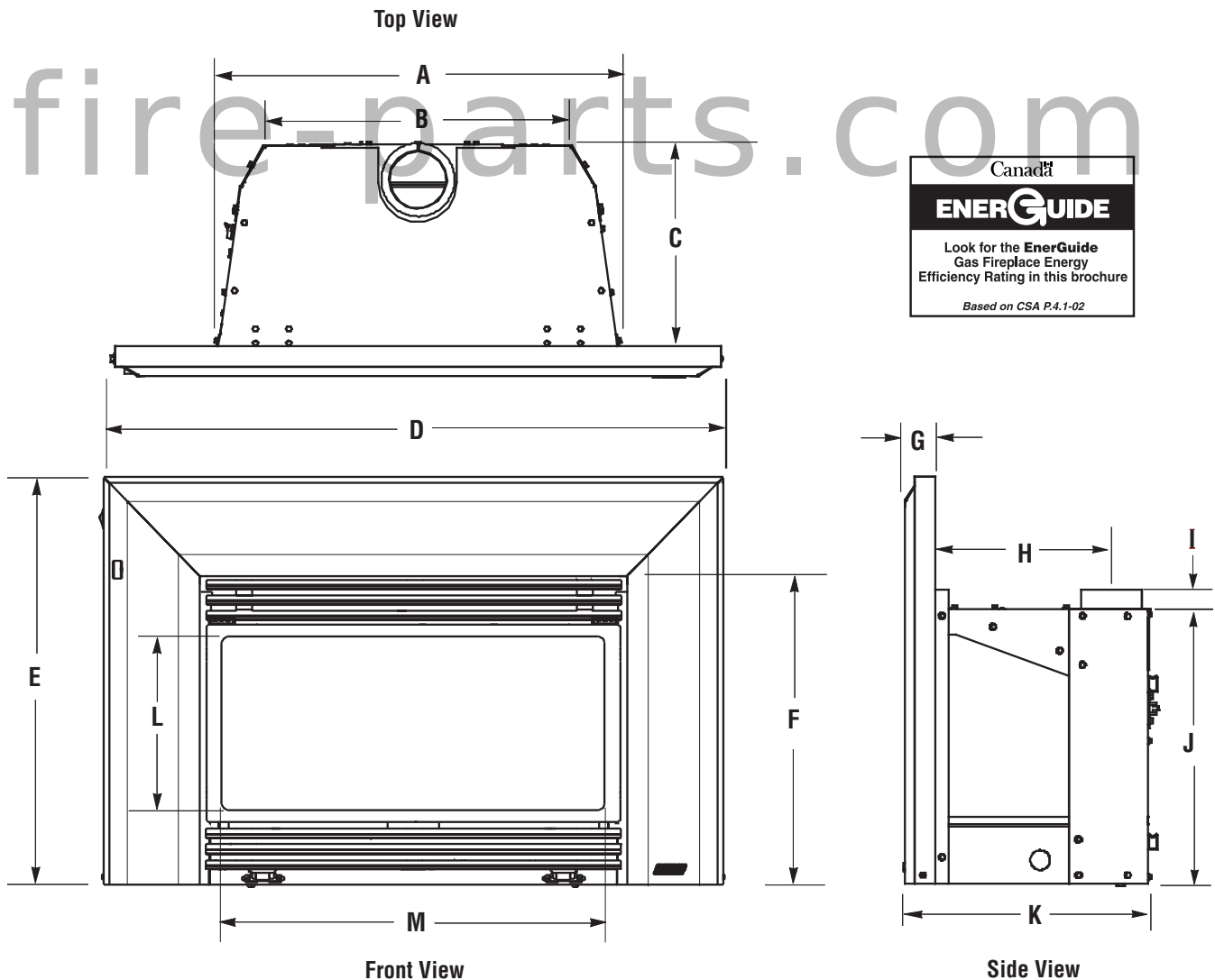


Figure 1

NOTE: DIAGRAMS & ILLUSTRATIONS NOT TO SCALE.

**SPECIFICATIONS - Model EBVI30**

DIMENSIONS			
	inches (millimeter)		inches (millimeter)
A	26 1/16" (662 mm)	H	11 1/2" (292 mm)
B	22 3/8" (568 mm)	I	15/16" (24 mm)
C	13 5/8" (346 mm)	J	20 1/8" (511 mm)
D	SM. = 40 1/4" (1022 mm), MED. = 45 3/4" (1162 mm), LG. = 49 1/4" (1251 mm)	K	15 5/8" (397 mm)
E	SM. = 27 1/2" (699 mm), MED. = 30 1/4" (768 mm), LG. = .30" (762 mm)	L	**12 3/8" (314 mm)
F	20 7/8" (530 mm)	M	**23 7/16" (595 mm)
G	1 13/16" (46 mm)		

SPECIFICATIONS	
Natural Gas BTU Input	21,500 to 30,000
Propane Gas BTU Input	22,000 to 28,000
B-Vent Size	4" Dia. Liner
Room Blower CFM	130 cfm

EFFICIENCIES	
<b>ENERGUIDE</b>	62 % Nat. Gas; 60 % Prop. Gas
Steady State Efficiency *	83 % Nat. Gas; 82 % Prop. Gas

NOTES	
* The Steady State Efficiency numbers based on maximum vent configuration.	
** The total glass viewing area equals approx. 290 Sq. In.	
*** Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.	

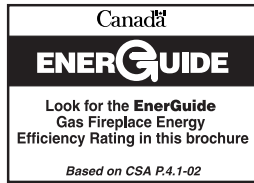
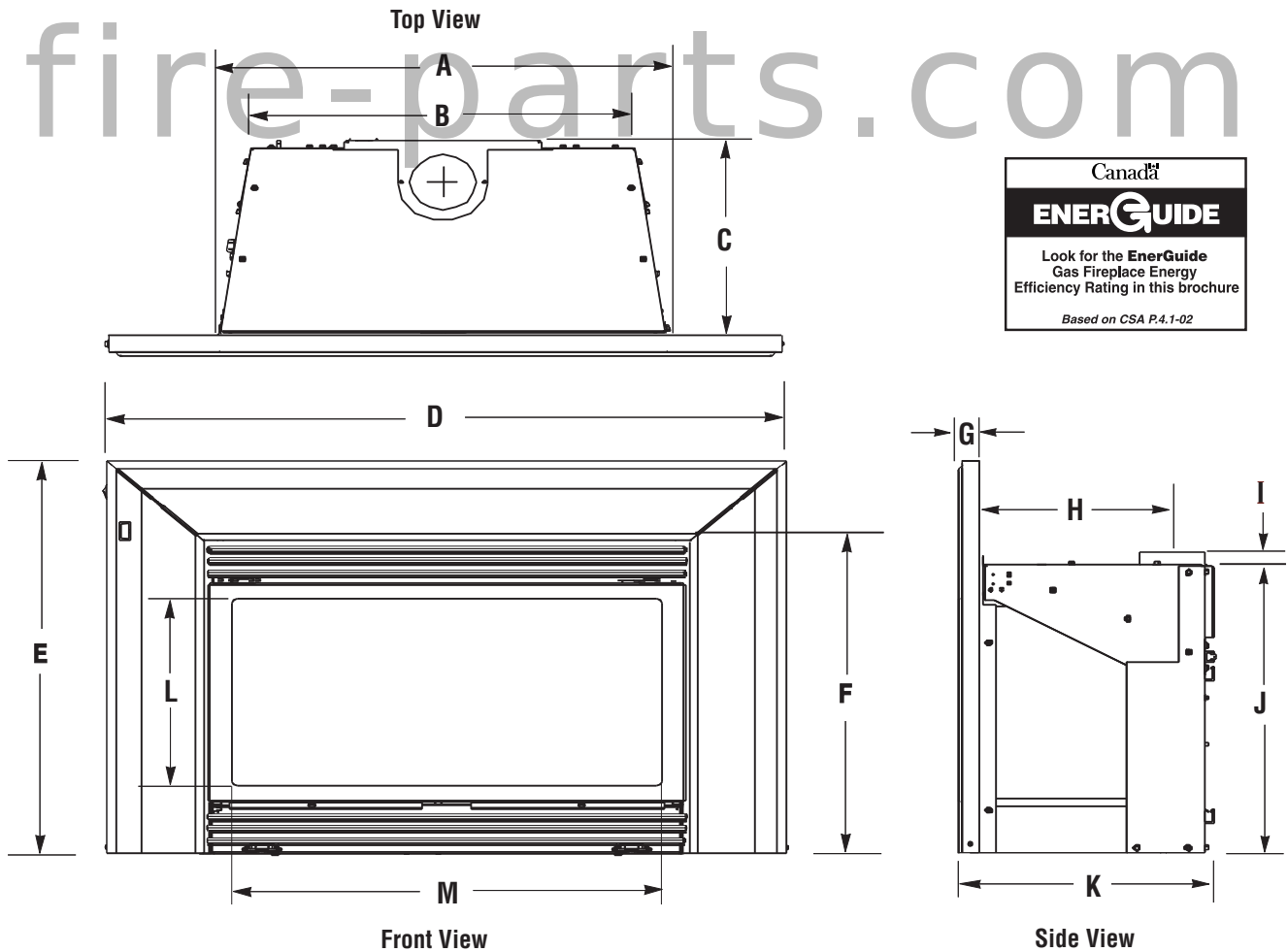


Figure 2



**MINIMUM CLEARANCES TO COMBUSTIBLES  
MODELS: EBVI25 & EBVI30**

These appliances can be installed in most residential fireplace configurations. If installed close to an adjacent wall, ensure that the minimum clearances to combustible surfaces are maintained. A local building inspector should review your plans prior to installation.

Refer to Figures 3, 4a, 4b and 6 for Clearances to Combustibles. Minimum clearances include spacers/standoffs or surfaces to combustible construction.

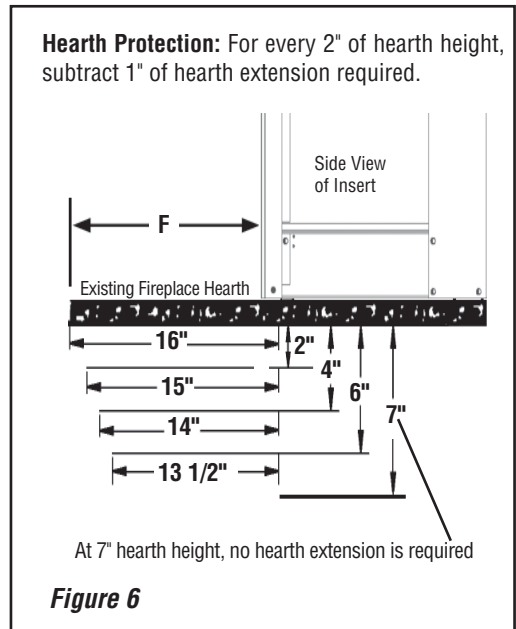
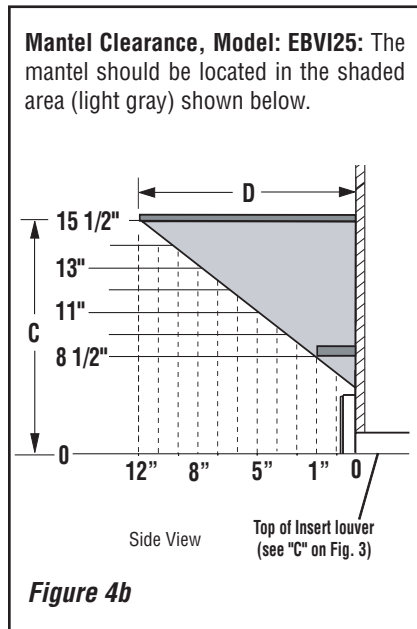
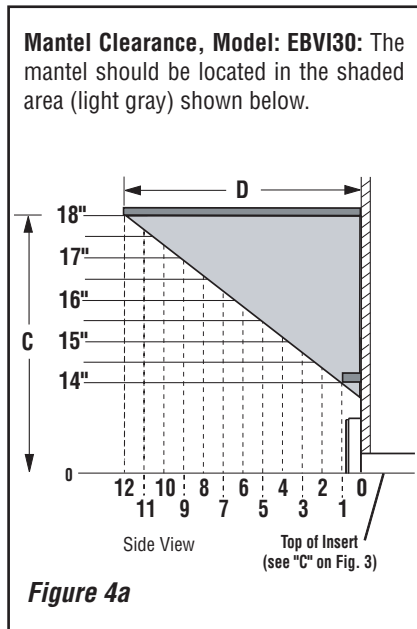
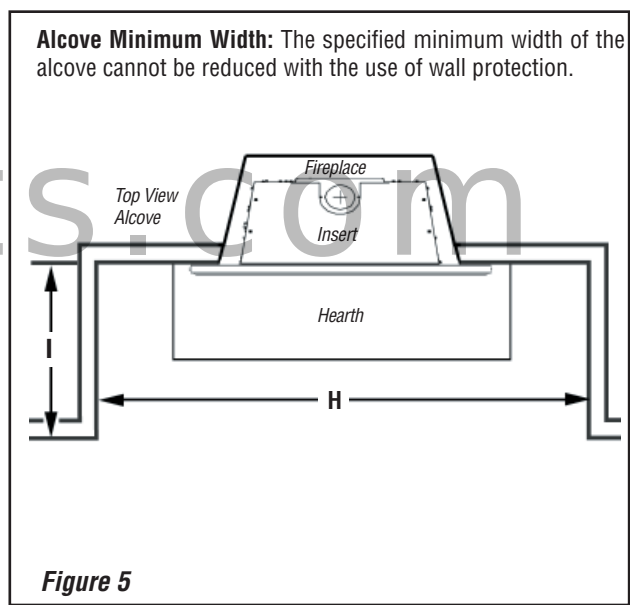
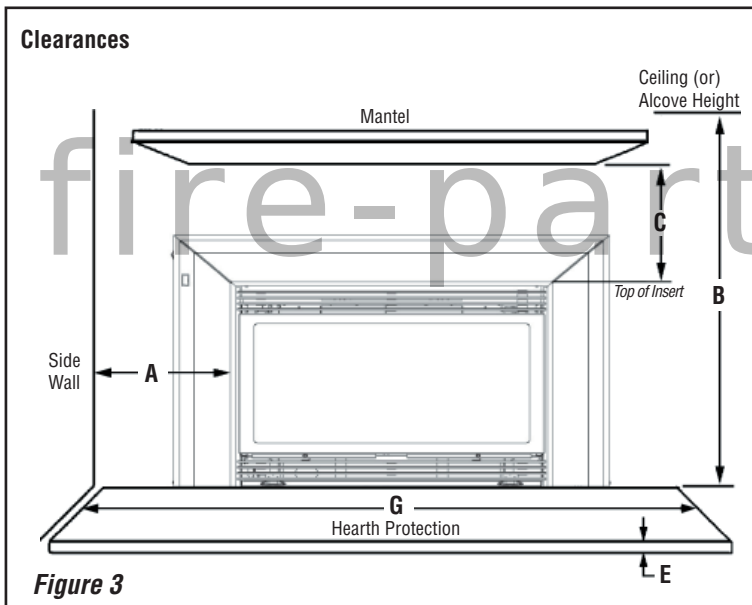
**Notes for Table 5:**

\* This includes any projections such as shelves, window sills, mantels, spacers/standoffs or surfaces to combustible construction etc. above the appliance. Paint or lacquer used to finish the mantel must be heat resistant in order to avoid discoloration.

\*\* If hearth is elevated, subtract 1 inch of hearth extension required for every 2 inches of height (see Figure 6).

Clearances to Combustibles		Inches (millimeters)		
		EBVI25	EBVI30	Min./Max.
A	Side Wall	8" (203 mm)	8" (203 mm)	Min.
B	Ceiling or Alcove Height	64" (1626 mm)	64" (1626 mm)	Min.
C*	Mantel Height	See Fig. 4b	See Fig. 4a	Min.
D*	Mantel Projection from Wall	See Fig. 4b	See Fig. 4a	Min.
E	Clearance to Floor	0" (0 mm)	0" (0 mm)	MAX.
F**	Hearth Protection (from Fireplace Face)	**16" (406 mm)	**16" (406 mm)	Min.
G	Hearth Protection Width	44" (1118 mm)	40" (1016 mm)	Min.
H	Alcove Width	45" (1143 mm)	48" (1219 mm)	Min.
I	Alcove Depth	36" (914 mm)	36" (914 mm)	MAX.

**Table 5**



NOTE: DIAGRAMS & ILLUSTRATIONS NOT TO SCALE.

### MINIMUM FIREPLACE DIMENSIONS

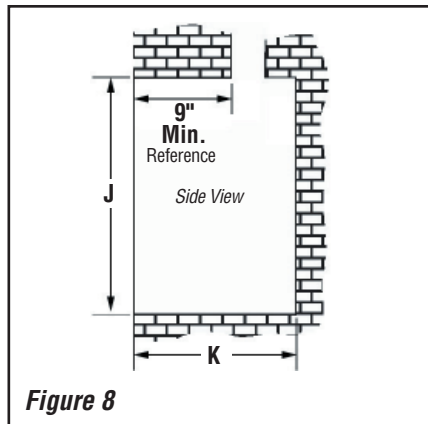
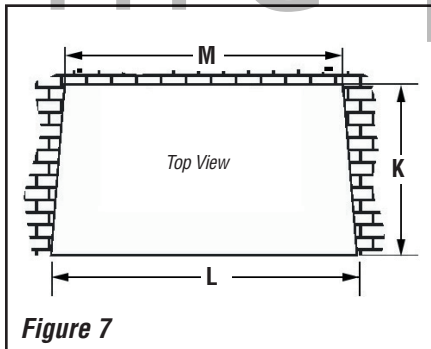
Refer to Figures 7 & 8 for Minimum Fireplace Clearance Dimensions. See pages 5 & 6 for actual insert body dimensions.

Consult your local authority having jurisdiction for requirements in your area.

Before the fireplace insert is assembled and installed, you must consider whether the appliance must be converted for use with propane gas (see step 7 on page 9). You must also consider the vent length requirements.

Minimum Fireplace Clearance Dimensions		Inches (millimeters)	
		EBVI25	EBVI30
J	Height	19" (483 mm)	21" (533mm)
K	Depth	14 1/2" (368 mm)	14" (356 mm)
L	Width @ Front	27" (686 mm)	26 1/2" (673 mm)
M	Width @ Rear	23 1/4" (591 mm)	22 1/2" (572 mm)

**Table 6**



### DETAILED INSTALLATION STEPS

**Step 1: PREPARATION** - Plan and install gas line.

This appliance is provided with an opening on the left hand side of the control compartment. A 3/8" NPT gas supply pipe must be brought near this inlet hole.

**Gas Supply Line** - Installing a gas supply line from the fuel supply to the appliance involves numerous considerations of materials, protection, sizing, locations, controls, pressure, sediment, and more. Certainly no one unfamiliar and unqualified should attempt sizing or installing gas piping.

The gas supply line should be plumbed from the fuel source to the area where the appliance is to be installed per requirements outlined in NFPA 54 - latest edition (USA) or B149 - latest edition (Canada).

The proper gas line diameter must be used to run from the supply regulator (at the gas company meter) to the appliance. Never use galvanized or plastic pipe. Refer to table 7 for suggested sizing of the gas supply line if black iron pipe is being used.

The gas supply line should be connected to the appliance at step 9 (page 12).

### Suggested Sizing of Black Iron Pipe Schedule 40 - Pipe Supply Line

Schedule 40 Pipe Length (Feet)	Schedule 40 Pipe Inside Diameter (Inches)	
	Natural Gas	Propane Gas
0-10	1/2	3/8
10-40	1/2	1/2
40-100	1/2	1/2
100-150	3/4	1/2
150-200	3/4	1/2

**Table 7**

**IMPORTANT NOTE:** If propane is used, be aware that if the tank size is too small (i.e. under 100-lbs, if this is the only gas appliance in the dwelling. Ref. NPFA 58), there may be loss of pressure, resulting in insufficient fuel delivery (which can result in sooting or other malfunctions). Any damage resulting from an improper installation, such as this, is not covered under the limited warranty.

**Step 2: CLEAN FIREPLACE (If necessary)**  
Thoroughly clean the masonry or factory built fireplace.



**CAUTION: THE FIREPLACE IN WHICH THIS GAS INSERT IS TO BE INSTALLED MUST BE THOROUGHLY CLEANED IF IT HAS BEEN USED TO BURN WOOD OR SYNTHETIC LOGS. HAVE THE CHIMNEY AND ALL INSIDE SURFACES OF THE FIREPLACE BRUSHED AND VACUUMED SO THAT NO SOOT, EMBERS, OR LOOSE COMBUSTION DEPOSITS CAN BE DRAWN INTO THE HEAT CIRCULATION BLOWER AND BLOWN INTO THE LIVING AREA. IF ANY PORTION OF THE CHIMNEY SYSTEM SHOWS SIGNS OF STRUCTURAL OR MECHANICAL WEAKNESSES, SUCH AS: CRACKS, LEAKY JOINTS, CORRODED OR WARPED SURFACES, THE FAULTY PORTION MUST BE REPAIRED OR REPLACED PRIOR TO INSTALLING THIS APPLIANCE.**

**Step 3: UNPACK THE INSERT** - Remove the top and side cartons. Remove all the inner packages and packing materials and discard.

**Step 4: LIFT INSERT INTO POSITION (see Fireplace Requirements on page 4 first)** Lift insert into position in front of the fireplace where unit is to be installed. Discard bottom carton

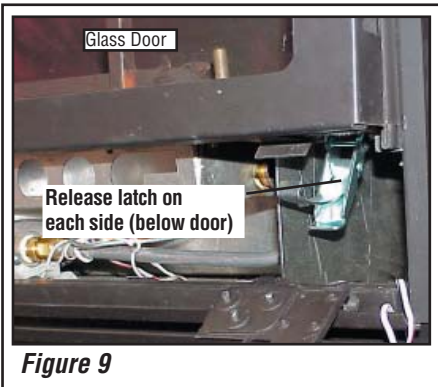
**Step 5: REMOVE STANDARD GLASS DOOR ASSEMBLY.**

**WARNING: NEVER OPERATE UNIT WITHOUT THE FRONT GLASS DOOR PANEL IN PLACE AND SECURE.**

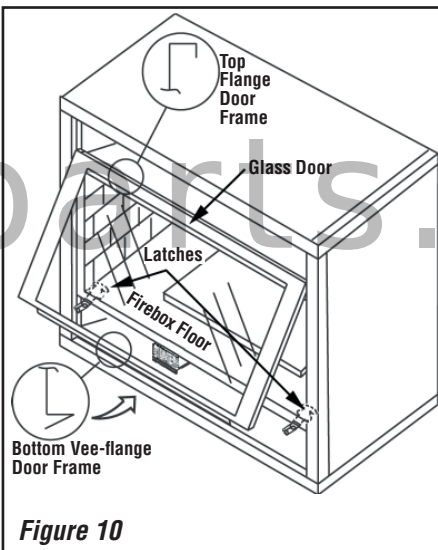
**WARNING: HANDLE GLASS DOOR WITH EXTREME CARE! THE GLASS DOOR ASSEMBLY IS SUSCEPTIBLE TO DAMAGE. DO NOT SCRATCH WHILE HANDLING OR WHILE REINSTALLING.**

Remove the front door assembly from insert as follows:

1) Open the 2 latches below the glass door as shown in Figures 9 & 10.



2) Swing the bottom of the door outward (see Figure 10) and lift it off of firebox top. Set door aside in a safe place.



**STEP 6: REMOVE PACKAGED MATERIALS FROM INSIDE FIREBOX AND SET ASIDE** (log set, bag of embers, bag of vermiculite, propane conversion kit, and draft hood sliding tool).

**Step 7: INSTALL LP CONVERSION KIT (IF NECESSARY)** - Install the LP conversion kit per instructions provided with kit.

**Step 8: VENTING SYSTEM INSTALLATION (Refer to Installation Instructions provided with venting components).**

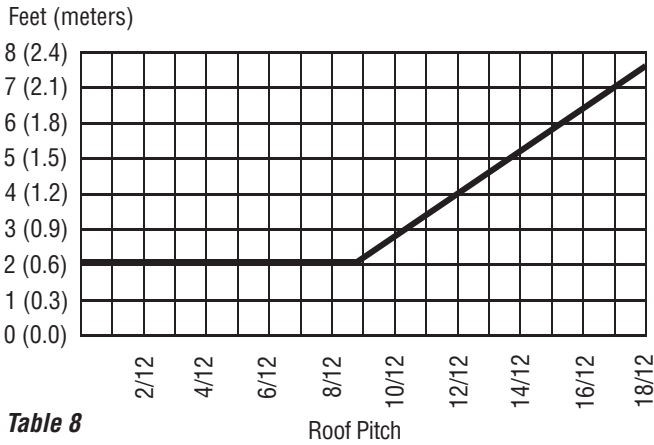
**VENTING REQUIREMENTS:** This appliance requires the use of 4" B-Vent or, a 4" UL 1777 listed gas vent liner from flue outlet to the chimney termination to ensure proper operation. Follow all vent manufacturer's requirements and local building codes. The vent termination must be in accordance with the vent manufacturer's instructions.

Flex Liner Installation (see Figure 17 for Masonry Fireplace Installations and Figure 18 for Factory Built Fireplaces):

- Flexible vent pipe is packaged and shipped in its contracted state. When installing flexible vent pipe, its length may be expanded to twice its contracted size. This appliance is approved for 40 feet maximum vertical venting (from the outlet to termination). A minimum flue height of 12 feet is required.
- The flexible vent pipe must NOT be allowed to sag behind the insert or in the fireplace flue.

**Vertical Termination Height Minimum  
(Factory Built and Masonry Fireplaces)**

The vent termination clearances above the high side of an angled roof is as follows:



**Table 8**

**WARNING: Do not substitute the heat-rated (UL 1777) liner with any other type liner or a fire may result causing property damage, personal injury or loss of life.**

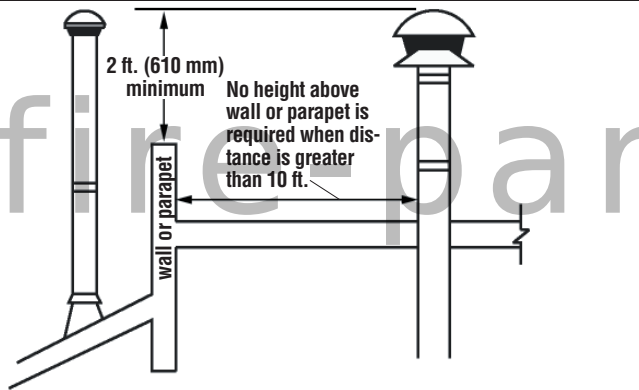
**NOTES:**

• **Adjust Leveling Bolts if Necessary:** Two leg leveling bolts are installed into existing holes in the bottom rear of appliance. Turn the leveling bolts to adjust for correct height.

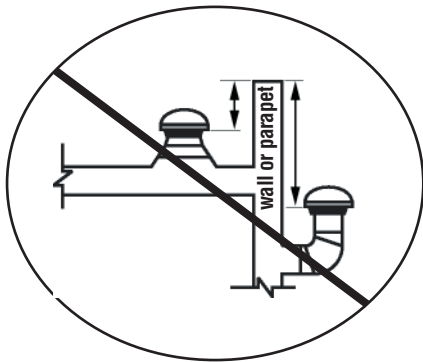
• **Refer to Vent Manufacturer Installation Instructions.**

**Installation Steps:**

- 1) Cut the flex liners as required.
- 2) Connect the liner to the collar on the termination cap.
- 3) Install flashing.
- 4) Insert liner into chimney, passing through the damper opening.
- 5) Install termination cap.
- 6) Remove the screw from the front of the detachable draft hood (see Figure 12). Slide the draft hood off the back (see Figure 13).



Never install termination below the wall or parapet when distance is less than 10 ft. as shown below



**Figure 11**

**B-Vent System Components**

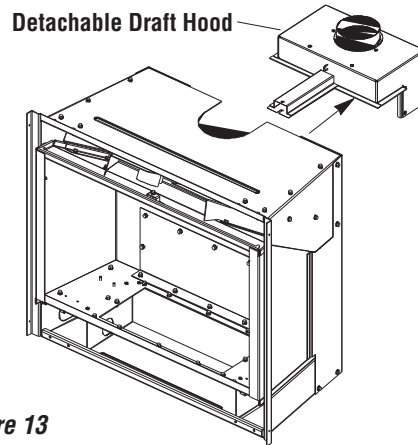
The following flex liner kits are available for relining the existing fireplace (see Figures 17 & 18).

Lennox Hearth Products - 4" B-Vent Kits		
Cat. No.	Model	Description
H0906	VKBVI25	Vent Kit, BVI, 4" X 25 ft.
H0907	VKBVI35	Vent Kit, BVI, 4" X 35 ft.

**Table 9**



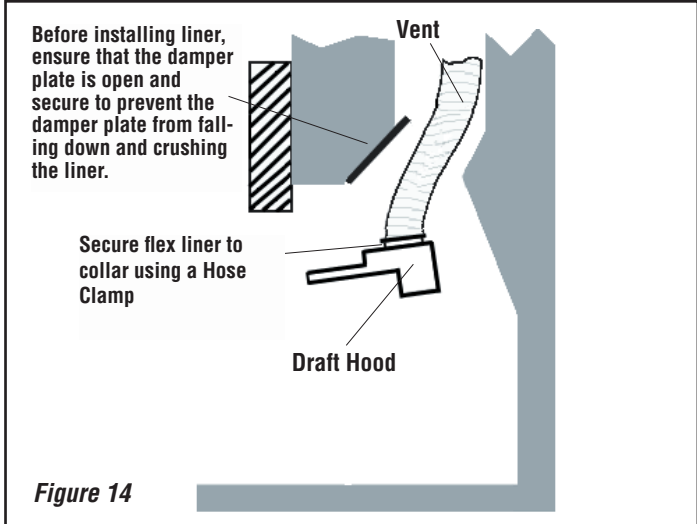
**Figure 12**



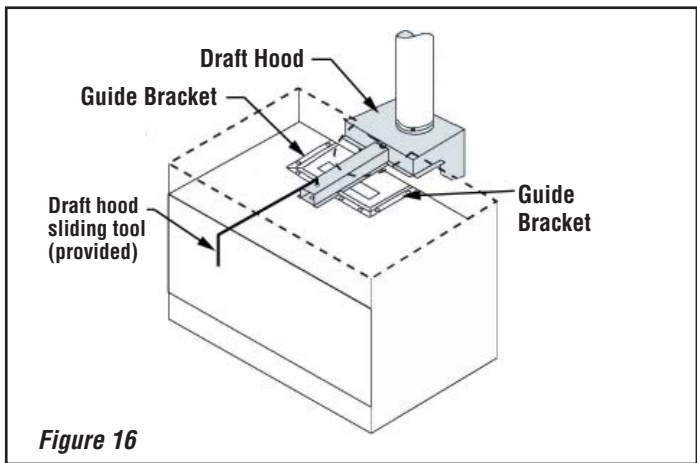
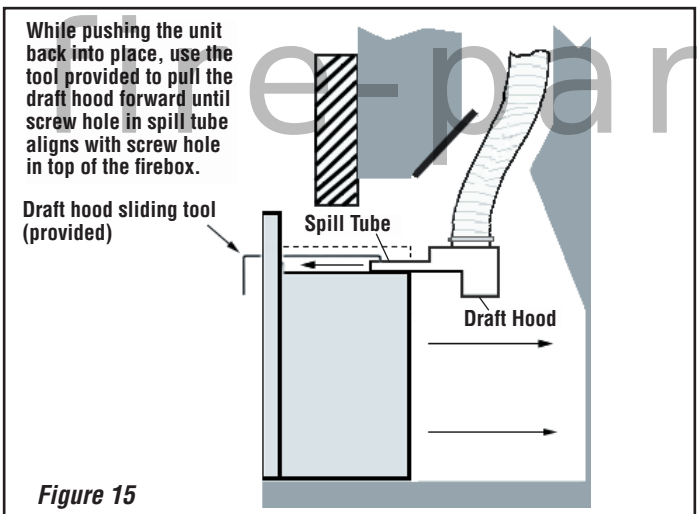
**Figure 13**

7) Stretch the liner just enough to prevent the possibility of sagging or coiling in the flue. Cut off excess liner.

8) Attach the flue pipe or chimney flex liner to the draft hood collar using a stainless steel hose clamp (see Figure 14). Note: Mill-pac, high temperature silicone and/or screws may also be used to secure the liner to the collar (hose clamp must also be used). Ensure that the draft hood assembly is level with the insert top for attachment.

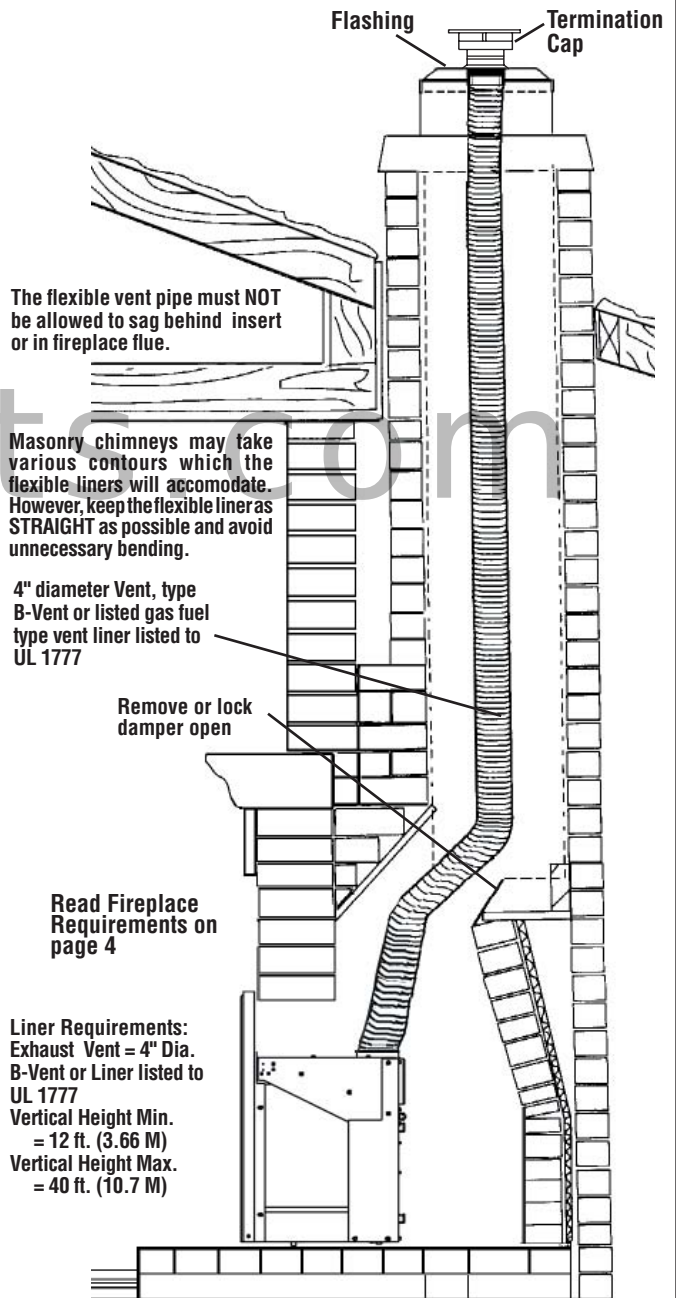


9) After liner is secured to draft hood collar, use the tool provided to slide it forward (aligning with guide brackets) until the screw hole in the spill tube aligns with the screw hole in the top of the firebox (see Figure 12). Secure two parts in place with removed screw. While pulling draft hood forward, push the insert.



### Masonry Fireplace Installation Diagram

Vent Kits, H0906 (25') & H0907 (35') includes:  
 1 ea. flex liner  
 1 ea. flashing  
 1 ea. collar  
 2 ea. hose clamps  
 (see table 9)



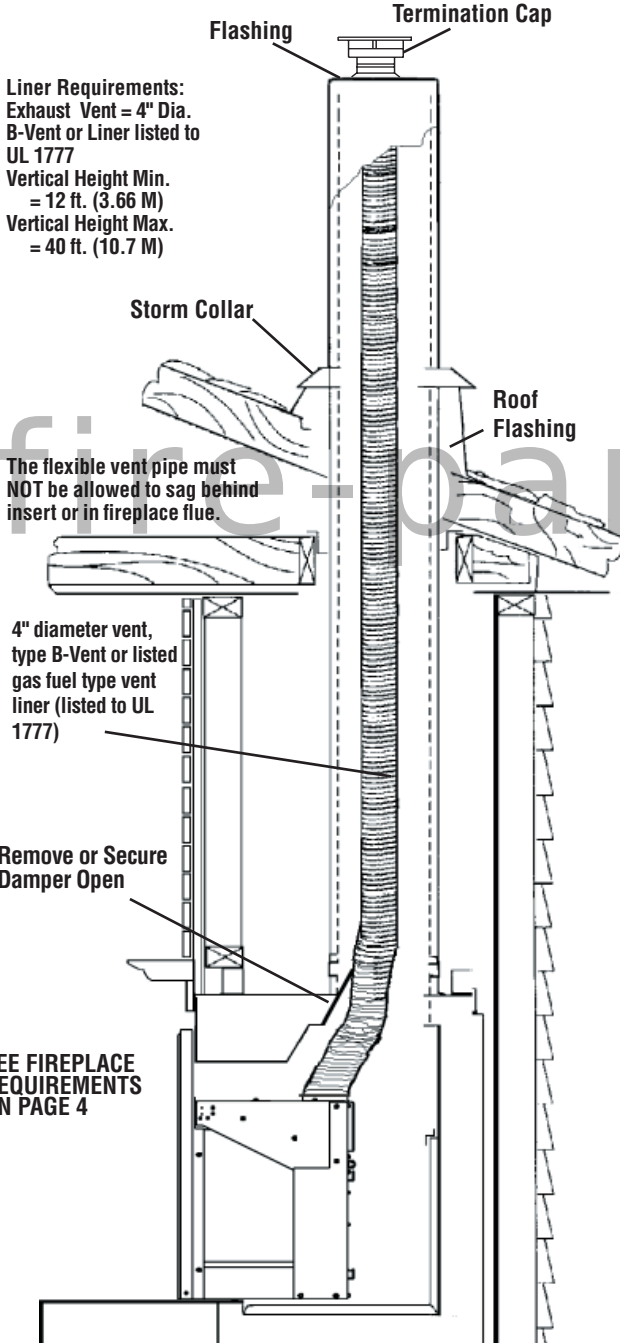
### ⚠ IMPORTANT

*Under no circumstances, may separate sections of concentric flexible vent pipe be joined together.*

**Figure 17**

## Factory Built Fireplace Installation Diagram

Vent Kits, H0906 (25') & H0907 (35') includes:  
 1 ea. flex liner  
 1 ea. flashing  
 1 ea. collar  
 2 ea. hose clamps  
 (see table 9)



**Liner Requirements:**  
 Exhaust Vent = 4" Dia.  
 B-Vent or Liner listed to UL 1777  
 Vertical Height Min. = 12 ft. (3.66 M)  
 Vertical Height Max. = 40 ft. (10.7 M)

The flexible vent pipe must NOT be allowed to sag behind insert or in fireplace flue.

4" diameter vent, type B-Vent or listed gas fuel type vent liner (listed to UL 1777)

Remove or Secure Damper Open

SEE FIREPLACE REQUIREMENTS ON PAGE 4

### ⚠ IMPORTANT

*Under no circumstances, may separate sections of concentric flexible vent pipe be joined together.*

Figure 18

## Step 9. CONNECTING GAS LINE

**Note:** Final gas connection should be made after unit is in place to avoid damage to line when pushing the unit into position.

Make gas line connections. All codes require a shut-off valve mounted in the supply line. Figure 19 illustrates two methods for connecting the gas supply. The flex-line method is acceptable in the U.S., however, Canadian requirements vary depending on locality. Installation must be in compliance with local codes.

This appliance is equipped with a gas flex line for use (where permitted) in connecting the unit to the gas line. A gas flex line is provided to aid in attaching the B-Vent appliance to the gas supply. The gas flex line can only be used where local codes permit. See Figure 19 for flex line description. The flex line is rated for both natural and propane gas. A manual shut off valve is also provided with the flex line. The gas control valve is located in the lower control compartment. To access the valve, open the lower access door. The millivolt control valve has a 3/8" (10 mm) NPT thread inlet port fitting.

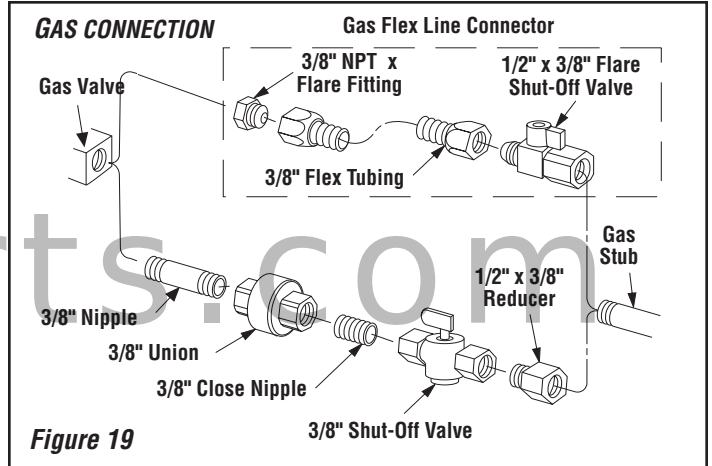


Figure 19

## Step 10. PURGING AIR

**AIR PURGING PROCEDURES MUST BE PERFORMED BY A QUALIFIED TECHNICIAN ONLY.**

### Purging Air from Supply Line

- Turn gas supply line valve off.
- Loosen setscrew at inlet pressure tap on control valve (see Figures 32 & 33).
- Turn gas supply line valve on.
- When gas flows, turn supply valve off.
- Close the inlet pressure tap.

### Purging Air from Appliance

Purge air from appliance by holding gas control valve down in the pilot position until pilot will light (see Figure 20). **DO NOT LIGHT A MATCH IF YOU SMELL GAS.** Light a match then allow gas flow to pilot. If the Match "blows", there is air in the line (purge line). If the flame is straight and tall, there is no gas pressure.

When lighting the appliance for the first time, it will take a few minutes to purge air from the gas line. Once purging is complete, the pilot and burner will light and operate as indicated in the instruction manual. Subsequent lightings of the appliance will not require such purging. Inspect the pilot flame (remove logs, if necessary, handling carefully).

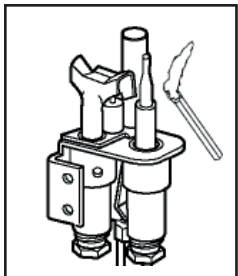
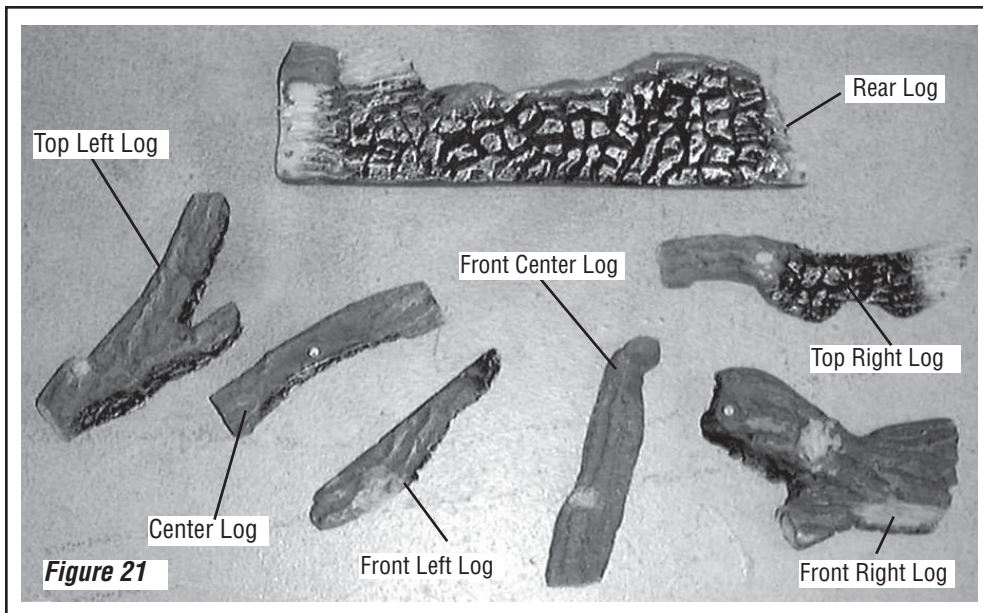


Figure 20



### Step 11. INSTALLING LOGS, VERMICULITE AND EMBERS

The packaged log set, vermiculite and embers are located within the firebox of the insert



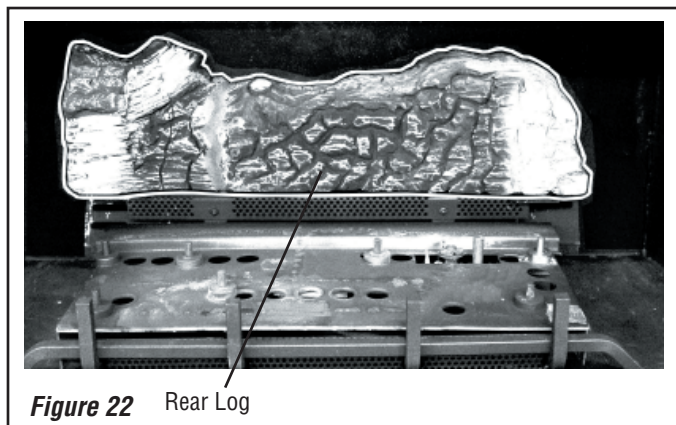
#### Log Installation Instructions:

**WARNING: IF LOGS ARE NOT INSTALLED ACCORDING TO THE DIRECTIONS SHOWN HERE, FLAME IMPINGEMENT AND IMPROPER COMBUSTION COULD OCCUR AND RESULT IN SOOT AND/OR EXCESSIVE PRODUCTION OF CARBON MONOXIDE (CO), A COLORLESS, ODORLESS, TOXIC GAS.**

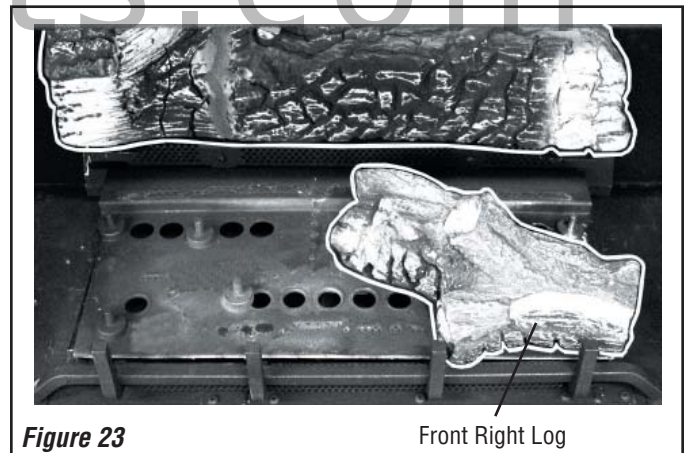
**Note: If an optional Brick Liner Kit was purchased, install it now, per instructions provided in kit**

Carefully install the seven-piece log set into the firebox as shown in these instructions. All logs should fit onto corresponding pins and/or log stoppers. This will ensure a proper flame and safe combustion.

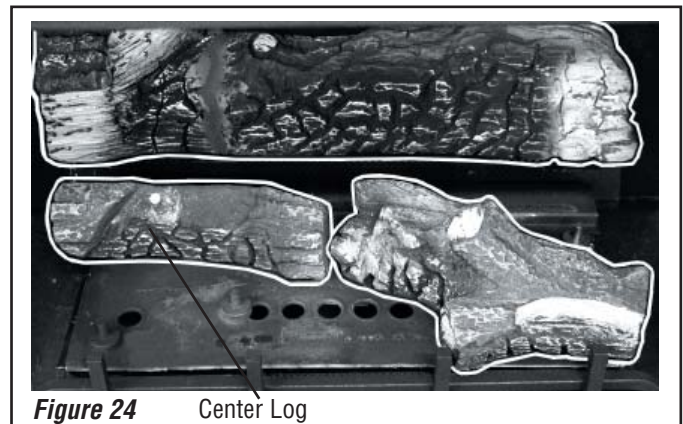
1. Place the rear log onto the 2 corresponding locating pins at the back of the firebox as shown in Figure 22.



2. Place the Front Right Log onto the 2 corresponding locating pins as shown in Figure 23.

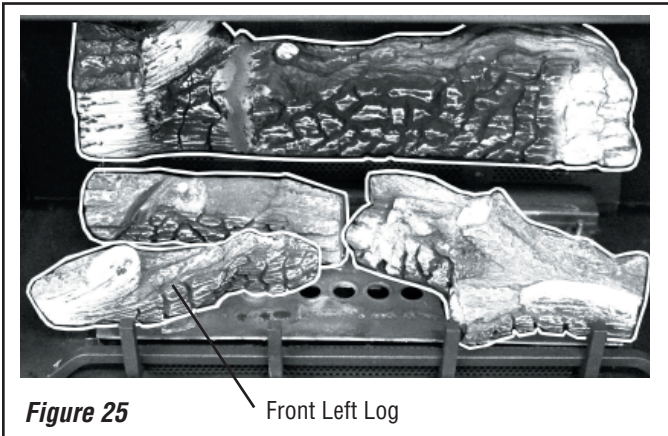


3. Place the Center Log onto the 2 corresponding locating pins as shown in Figure 24.

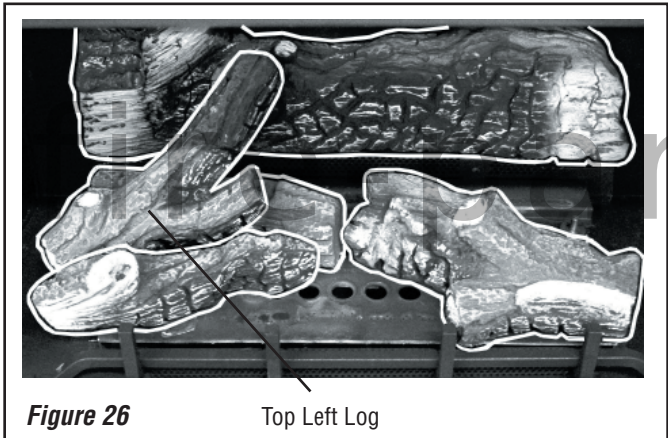




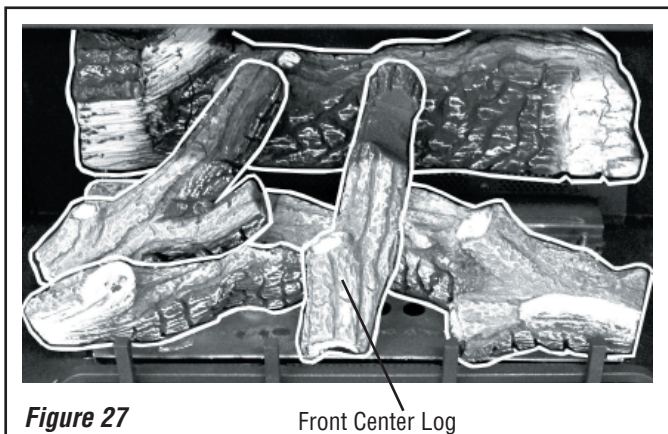
4. Place the Front Left Log onto the 2 corresponding locating pins as shown in Figure 25.



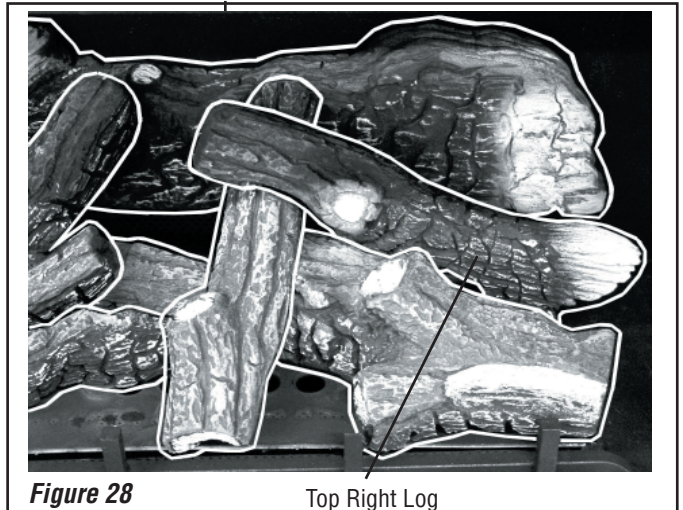
5. Install the Top Left Log onto the corresponding locating pin and indentation on Center Log as shown in Figure 26.



6. Install the Front Center Log over the Front Right Log. The front of log will rest on the burner and the back of log will rest on rear log as shown in Figure 27.



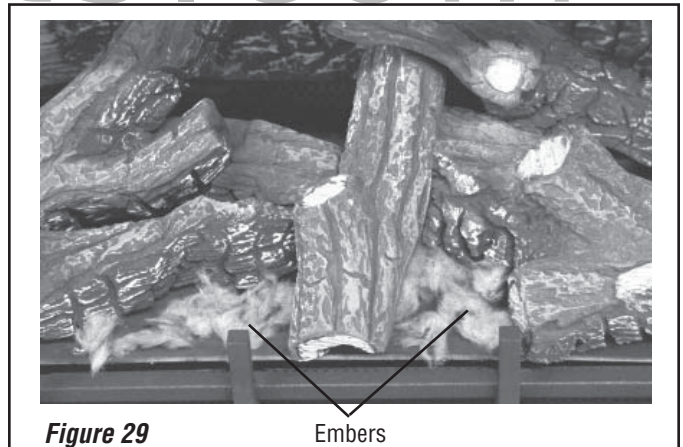
7. Install the Top Right Log into the corresponding indentations on Front Center Log and front right twig as shown in Figure 28.



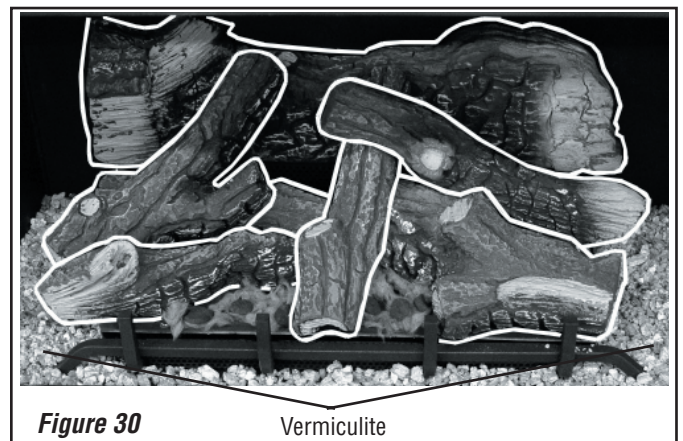
8. Place the glowing embers on the burner as shown in Figure 29. One package of ember material has been included with this log set. You will not need to use the entire bag.

**IMPORTANT:** The quantity and placement of the ember material can affect insert performance therefore it is very important that it be placed as shown in Figure 29.

- Unpackage and divide the fine ember material (mineral wool) into dime-sized fluffy pieces.
- Distribute the pieces over the top of the front burner ports, filling the area in front of the forward logs.



9. Place some vermiculite around the logs as shown in Figure 30 (the entire bag of vermiculite will NOT be used).





**VERIFY THAT THE GAS LINE HAS BEEN PURGED OF AIR (See Step 10).**

**Step 12. REINSTALL FRONT GLASS DOOR ASSEMBLY.**

To reinstall glass door assembly panel, reverse instructions on Step 5, page 9.

**Step 13. TEST ALL CONNECTIONS FOR LEAKS (FACTORY AND FIELD).**

A. Mix a 50% dish soap, 50% water solution (or use a gas leak detection solution).

B. Light the appliance (refer to the lighting instructions provided in the insert control compartment and the Homeowner's Care and Operation Instructions).

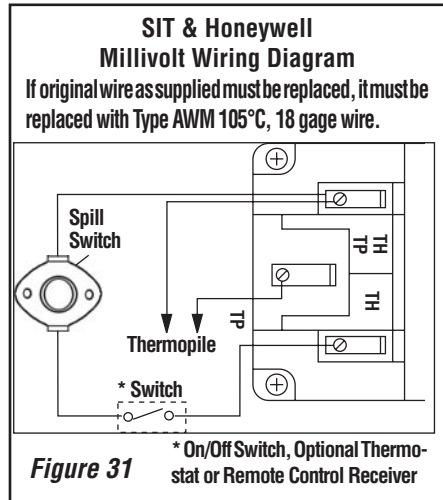
C. Brush all joints and connections with the soapy water or leak detection solution to check for leaks. If bubbles are formed, or gas odor is detected, turn the gas control knob to the "OFF" position and close the gas shut-off valve. Either tighten or refasten the leaking connection and retest as described above.

D. When the gas lines are tested and leak free, observe the individual tongues of flame on the burner. Make sure all ports are open and producing flame evenly across the burner. If any ports are blocked, or partially blocked, turn off unit, allow it to cool, then clean out the ports.

**Step 14. INSTALL SURROUND KIT OR CONTROL KIT (see pages 11 & 12 in Homeowners Manual).**

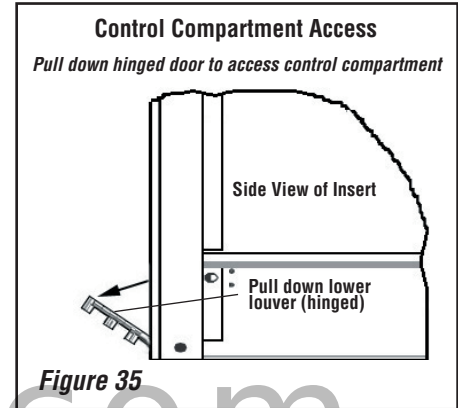
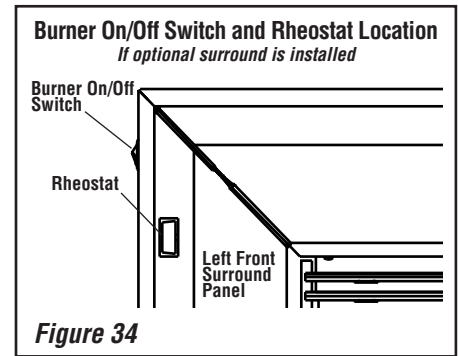
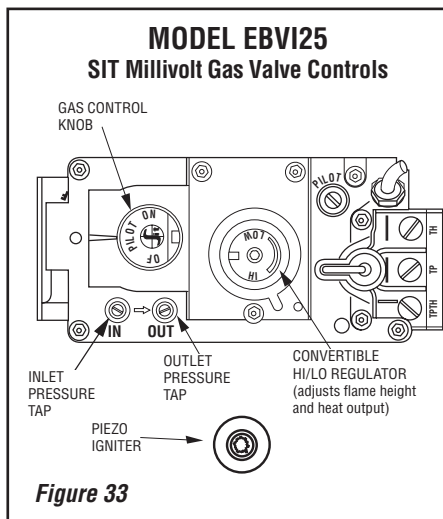
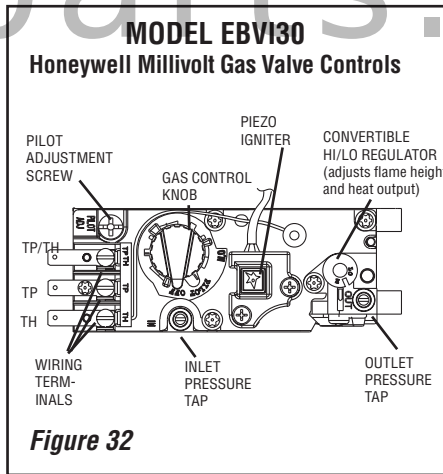
**Step 15. INSTALL WALL THERMOSTAT AND REMOTE CONTROL (if purchased)**

If an optional Wall Thermostat or Remote Control Kit was purchased, install it now, per instructions provided in kit. See Figure 31. If a wall-mounted thermostat is selected, mount it in a convenient location on a wall near the insert. Wire the thermostat within the millivolt control circuit using a maximum of 25 feet of 18 gage, 2 conductor wire. Caution: Do not connect the optional wall thermostat, gas control valve or control wiring system of the unit to a 120 volt power supply (residential line voltage).



**Step 16. CHECKING APPLIANCE OPERATION**

With gas line installed run initial system checkout before closing up the front of the unit. Follow the pilot lighting instructions provided in the Homeowner's Care and Operation Instructions (or pull out the instruction label located in control compartment below glass door assembly).

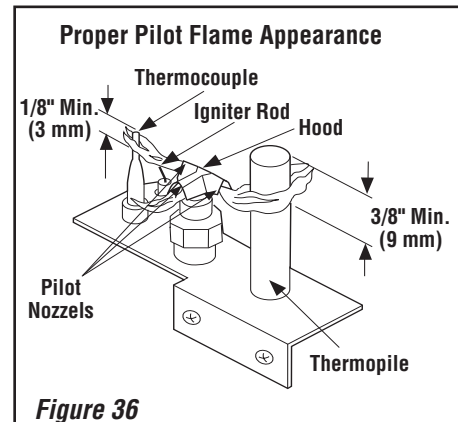


**Millivolt Appliance Checkout**

The pilot flame should be steady, not lifting or floating. Flame should be blue in color with traces of orange at the outer edge. The top 3/8" (10 mm) at the pilot generator (thermopile) and the top 1/8" minimum (tip) of the quick drop out thermocouple should be engulfed in the pilot flame. The flame should project 1" (25 mm) beyond the hood at all three ports (Figure 36).

Replace logs if removed for pilot inspection.

To light the burner, rotate the gas valve control knob counterclockwise to the "ON" position then turn "ON" the on/off switch mounted on the surround assembly (see Figure 34) or operate the burner with the optional remote control, wall thermostat or control switch.



NOTE: DIAGRAMS & ILLUSTRATIONS NOT TO SCALE.

**Step 17. SPILLAGE TEST PROCEDURE (Proper Vent Operation Test):**

A flue spillage test should be performed as part of the installation process to test for proper vent operation.

Perform the Spill Test as Follows:

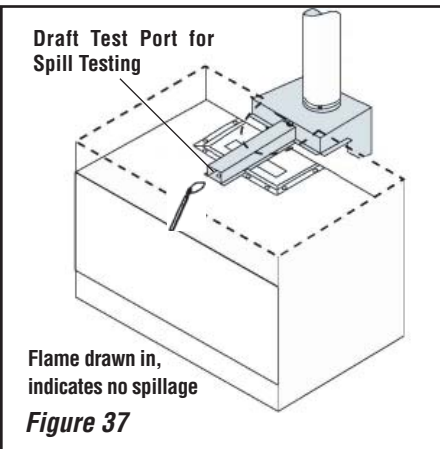
1) Light the appliance. Adjust fire to highest flame setting. Allow unit to operate for approximately 15 minutes. Blower should be off.

2) Close all the external doors and windows.

3) Start all the exhaust fans and other appliances which remove air from the home (clothes dryer, furnace, etc.).

4) To ensure a valid test, hold a scrap piece of sheet metal (or other noncombustible material) between the spill tube and the top of the door (to prevent the natural convection of the unit from interfering with the test).

5) Use an open flame (preferably a wooden match) or smoke (cigarette, rope) to determine if spillage is present. Move the flame or smoke device across the opening of the draft test port on the front of unit (see Figure 37). If the flame or smoke is drawn into the opening, there is no spillage. If the flame or smoke is blown out or away from the opening, spillage is present and corrective action should be taken before operating the appliance.



If spillage is detected, check the following:

- Check the vent sizing according to specifications, and vent configurations.
- Examine entire venting system for faults such as disconnected joints, damaged vent sections, or sagging liner.
- Make sure vent and air openings are not obstructed.

If spillage continues, it may be a result of negative air pressure within the home. To test:

1) Turn off a mechanical devices that were turned on in step 17, instruction #3 and retest.

2) Open a window (6" min.) near the insert and retest.

If spillage continues, The Technician should contact Technical Services at Lennox Hearth Products.

Note: Spillage occurs when flue gases can not exit the vent system at an adequate rate causing it to back up into the dwelling. If spillage occurs, the heated exhaust spills out of the draft hood which should result in tripping the spill switch (see Spill Switch below) which will shut down the unit. Other symptoms of flue gas spillage at the draft hood may include condensation on walls and windows and/or noticeable odors.

SPILL SWITCH - This thermally activated safety switch will sense the change in temperature and shut down the gas valve in the event of a severe downdraft or a blocked or disconnected vent. The switch acts as a safety shut-off to prevent a build-up of carbon monoxide. If the flue is blocked or has no "draw," the switch will automatically shut off the supply of gas within 5-10 minutes. Tampering with the switch can result in Carbon Monoxide (CO) Poisoning and possible death. Carbon monoxide is a colorless, odorless, highly toxic gas.

**WARNING: SPILLAGE CAN RESULT IN CARBON MONOXIDE POISONING WHICH MAY LEAD TO DEATH!**

**Combustion and Ventilation Air**

**WARNING: THIS APPLIANCE NEEDS FRESH AIR FOR SAFE OPERATION AND MUST BE INSTALLED WITH PROVISIONS FOR ADEQUATE COMBUSTION AND VENTILATION AIR AVAILABLE TO THE ROOM IN WHICH IT IS TO BE OPERATED.**

Follow CAN /CGA B149 (in Canada) or ANSI Z223.1 (in the USA) requirements, and any local codes or regulations of the enforcing authority.

Air for combustion is drawn in through the front of the unit therefore, the front of the unit must be kept clear of any obstructions.

**Step 18. CHECK BLOWER SYSTEM OPERATION**

**WARNING: THE POWER CORD MUST BE PLUGGED DIRECTLY INTO A PROPERLY GROUNDED, 120 VOLT, 60 HZ, 3-PRONG RECEPTACLE ELECTRICAL OUTLET. DO NOT CUT OR REMOVE THE GROUNDING PRONG FROM THIS PLUG. IT MUST BE ROUTED TO AVOID CONTACT. DO NOT ROUTE POWER CORD UNDER OR IN FRONT OF APPLIANCE.**

When the insert heats up, the blower will automatically be turned on by the fan disc, located under the firebox bottom on the front left side. It will come on at the speed determined by the rheostat, located on left surround panel (see Figure 34). To adjust the blower speed, dial the rheostat to the desired speed setting. Rotate the dial down (clockwise), just past the click (the first ON position) for the highest speed setting. Turning the knob further clockwise will provide slower blower speeds. Note: If the rheostat is not turned "on," the blower will not operate.

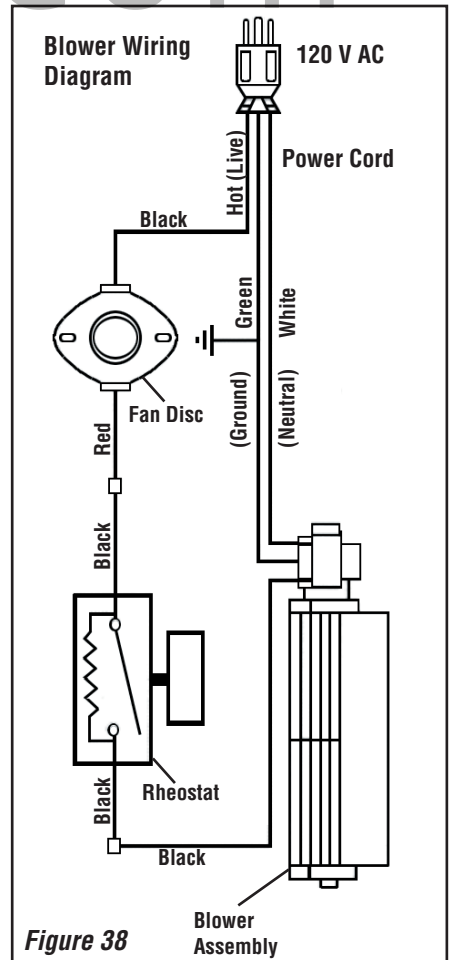


Figure 38 Blower Assembly

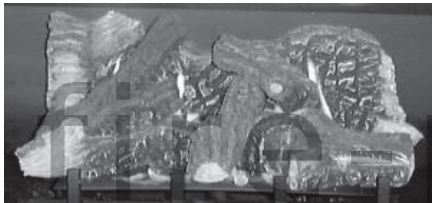
## Step 19. BURNER ADJUSTMENT

### Flame Appearance and Sooting

Proper flame appearance is a flame which is blue at the base and becomes yellow / orange in the body of the flame. When the insert is first lit, the entire flame may be blue and will gradually turn yellow/orange during the first 6-8 minutes of operation. If after 6-8 minutes the flame stays lowered blue, or if the flame is orange with evidence of sooting (black tip), the air shutter may require adjustment.

Appliances operated with air shutter openings that are too large will exhibit flames that are blue and transparent. These weak, blue and transparent flames are termed anemic. If the air shutter openings are too small, sooting may develop.

**Burner Flame Appearance**



**Figure 39**

**EBVI25**

Sooting is indicated by black puffs developing at the tips of very long orange flames. Sooting results in black deposits forming on the logs, appliance inside surfaces and on exterior surfaces adjacent to the vent termination. Sooting is caused by incomplete combustion in the flames and lack of combustion air entering the air shutter opening. To achieve a warm yellow to orange flame that does not soot, the shutter opening must be adjusted between these two extremes.

No smoke or soot should be present. Reposition the logs if flames impinge on any of them. If the logs are properly positioned and sooting conditions exist, the air shutter opening on the main burner tube should be adjusted.

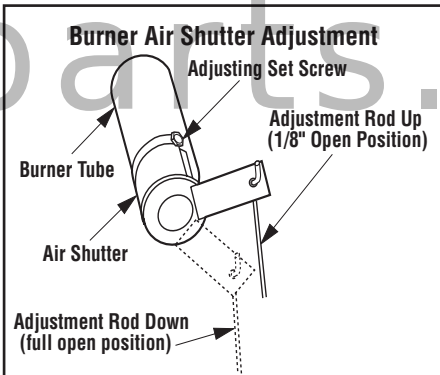
**IMPORTANT: ENSURE THAT THE FRONT GLASS PANEL IS IN PLACE AND SEALED DURING ADJUSTMENT.**

### Burner Adjustment Procedure

**AIR SHUTTER ADJUSTMENT SHOULD ONLY BE PERFORMED BY AN AUTHORIZED INSTALLER AT THE TIME OF THE INSTALLATION OR SERVICE.**

**CAUTION: THE ADJUSTMENT ROD AND NEARBY APPLIANCE SURFACES ARE HOT. EXERCISE CAUTION TO AVOID INJURY WHILE ADJUSTING FLAME APPEARANCE.**

Initially, always position the air shutter to the factory setting as shown in Figure 39 (adjustment rod is located in the lower control area). This can be done by moving the adjustment rod up or down accordingly. Allow the burner to operate for at least 15 minutes. Observe the flame continuously. If it appears weak or sooty as previously described, adjust the air shutter to a more open position until the proper flame appearance is achieved.



MAIN BURNER FACTORY AIR SHUTTER OPENING SETTING		
Model	Gas Type	Air Shutter Gap
EBVI30	Natural Gas	5/16" (7.94mm)
	Propane	1/2" (12.7mm)
EBVI25	Natural Gas	1/16" (1.59mm)
	Propane	1/2" (12.7mm)

**Figure 39**

**CAUTION: CARBON WILL BE PRODUCED IF THE AIR SHUTTER IS CLOSED TOO MUCH. ANY DAMAGE DUE TO CARBONING RESULTING FROM IMPROPERLY SETTING THE AIR SHUTTER IS NOT COVERED UNDER THE WARRANTY.**

The following chart (Table 10) is provided to aid you in achieving the correct air shutter adjustment for your installation.

### Air Shutter Adjustment Guidelines:

Air Shutter Adjustment Guidelines:		
Amount of Primary Air	Flame Color	Air Shutter Adjustment
If air shutter is closed too far →	Flame will be yellow →	Air shutter gap should be increased
If air shutter is open too far →	Flame will be blue →	Air shutter gap should be decreased




**Table 10**




When satisfied that the appliance operates properly, proceed to finish the installation. Leave the control knob in the ON position and the on/off switch in the OFF position.

### STEP 20. INSTALL LOUVER KIT

Install louver kit per the instructions provided with the kit.

**SAFETY / LISTING LABEL**

		
<b>MODEL NO.</b>		<b>EBVI25</b>
<b>MANUFACTURED AT:</b>		<b>Lynwood, CA</b>
FOR USE WITH NATURAL GAS. EQUIPE POUR GAZ NATUREL ALTITUDE 0-4500 FT/PI (0-1370M)		
MIN. GAS SUPPLY PRESS ("WC) 4.5" PRESS MIN. D'ALIMENTATION ("CE) MANIFOLD PRESSURE ("WC) PRESSION CE TUBULURE ("CE) 3.5" MANUFACTURER'S RECOMMENDED ORIFICE SIZE DIMENSION DE L'INJECTEUR RECOMMANDE PAR MANUFACTURIER (DMS) # 41 MAX INPUT (BTU/HR) 25,000 ENTREE MAX MIN INPUT (BTU/HR) ENTREE MIN 17,000		
ELECTRICAL RATING/EXIGENCES ELECTRIQUES: -UNIT/APPAREIL: MLIVOLT 1 ph 60 HZ 120 VOLTS LESS THAN 5 AMPS		
MINIMUM CLEARANCES TO COMBUSTIBLE MATERIAL	SIDEWALL FLOOR CEILING (FROM BOTTOM OF UNIT) MANTEL FROM TOP OF UNIT LOUVER MANTEL DEPTH (MAX)	8" 0" 64" 15 1/2" 12"
DEGAGEMENT MINIMUM DE MATERIAUX COMBUSTIBLES	MUR ADJACENTS PLANCHER PLAFOND (DU BAS DE L'APPAREIL) MANTEAU DU DESSUS DE L'APPAREIL PROFONDEUR DU MANTEAU (MAX)	203 mm 0 mm 1626 mm 394 mm 305 mm
VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUEL. FOR INSTALLATION IN SOLID FUEL FIREPLACES. THIS VENTED GAS FIREPLACE HEATER IS NOT FOR USE WITH AIR FILTERS. FOYER AU GAZ CHAUFFANT AVEC EVACUATION - NE DOIT PAS ETRE UTILISE AVEC UN COMBUSTIBLE SOLIDE. DOIT ETRE INSTALLE DANS UNE CHEMINEE EXISTANTE QUI BRULE LE COMBUSTIBLE SOLIDE. NE PAS UTILISER DE FILTRE A AIR AVEC CE FOYER AU GAZ A EVACUATION. FOR USE WITH GLASS DOOR CERTIFIED WITH THE APPLIANCE ONLY. N'UTILISER SEULEMENT QUE LA PORTE DE VERRE CERTIFIE AVEC L'APPAREIL. "CAUTION: Do not operate the appliance with glass removed, cracked or broken. Replacement of panel should be done by a licensed or qualified service person." "This appliance is equipped at the factory for use with natural gas only. Units using propane must be field converted using the LP conversion kit, Cat. No. H1576.		
FINAL INSPECTION BY:		
ANSI Z21.88-2002 CSA 2.33-2002 CAN/CGA 2.17-M91  Tested & Listed By <b>OMNI-Test Laboratories, Inc.</b> Beaverton Oregon USA VENTED GAS FIREPLACE HEATER FOYERA AU GAZ CHAUFFANT AVEC EVACUATION P/N 9-1466B		
SERIAL NUMBER/NOMBRE DE SERIE XXX XXX  XXX P/N 9-1466B		

		
<b>MODEL NO.</b>		<b>EBVI30</b>
<b>MANUFACTURED AT:</b>		<b>Union City, TN</b>
FOR USE WITH NATURAL GAS. EQUIPE POUR GAZ NATUREL ALTITUDE 0-4500 FT/PI (0-1370M)		
MIN. GAS SUPPLY PRESS ("WC) 4.5" PRESS MIN. D'ALIMENTATION ("CE) MANIFOLD PRESSURE ("WC) PRESSION CE TUBULURE ("CE) 3.5" MANUFACTURER'S RECOMMENDED ORIFICE SIZE DIMENSION DE L'INJECTEUR RECOMMANDE PAR MANUFACTURIER (DMS) #37 MAX INPUT (BTU/HR) 30,000 ENTREE MAX MIN INPUT (BTU/HR) ENTREE MIN 21,500		
ELECTRICAL RATING/EXIGENCES ELECTRIQUES: -UNIT/APPAREIL: MLIVOLT 1 ph 60 HZ 120 VOLTS LESS THAN 5 AMPS		
MINIMUM CLEARANCES TO COMBUSTIBLE MATERIAL	SIDEWALL FLOOR CEILING (FROM BOTTOM OF UNIT) MANTEL FROM TOP OF UNIT MANTEL DEPTH (MAX)	8" 0" 64" 18" 12"
DEGAGEMENT MINIMUM DE MATERIAUX COMBUSTIBLES	MUR ADJACENTS PLANCHER PLAFOND (DU BAS DE L'APPAREIL) MANTEAU DU DESSUS DE L'APPAREIL PROFONDEUR DU MANTEAU (MAX)	203mm 0mm 1626mm 457mm 305mm
VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUEL. FOR INSTALLATION IN SOLID FUEL FIREPLACES. THIS VENTED GAS FIREPLACE HEATER IS NOT FOR USE WITH AIR FILTERS. FOYER AU GAZ CHAUFFANT AVEC EVACUATION - NE DOIT PAS ETRE UTILISE AVEC UN COMBUSTIBLE SOLIDE. DOIT ETRE INSTALLE DANS UNE CHEMINEE EXISTANTE QUI BRULE LE COMBUSTIBLE SOLIDE. NE PAS UTILISER DE FILTRE A AIR AVEC CE FOYER AU GAZ A EVACUATION. FOR USE WITH GLASS DOOR CERTIFIED WITH THE APPLIANCE ONLY. N'UTILISER SEULEMENT QUE LA PORTE DE VERRE CERTIFIE AVEC L'APPAREIL. "CAUTION: Do not operate the appliance with glass removed, cracked or broken. Replacement of panel should be done by a licensed or qualified service person." "This appliance is equipped at the factory for use with natural gas only. Units using propane must be field converted using the LP conversion kit, Cat. No. H0920.		
FINAL INSPECTION BY:		
ANSI Z21.88-2002 CSA 2.33-2002 CAN/CGA 2.17-M91  Tested & Listed By <b>OMNI-Test Laboratories, Inc.</b> Beaverton Oregon USA VENTED GAS FIREPLACE HEATER FOYERA AU GAZ CHAUFFANT AVEC EVACUATION P/N 9-1466A		
SERIAL NUMBER/NOMBRE DE SERIE XXX XXX  XXX P/N 9-1466A		

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