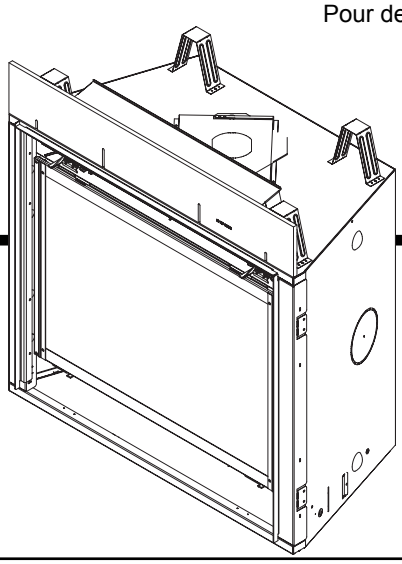
Pour demander un exemplaire en français de ce Manuel du propriétaire, visitez www.heatnglo.com.

HEAT&GLO™

No one builds a better fire



Owner's Manual

Installation and Operation

Models:
6000CLX-IPI-T
6000CLX-IPILP-T
6000CLX-IPI-S
6000CLX-IPILP-S
8000CLX-IPI-T
8000CLX-IPILP-T
8000CLX-IPI-S
8000CLX-IPILP-S

GAS-FIRED
c UL us
LISTED

NOTICE



DO NOT DISCARD THIS MANUAL

- Important operating and maintenance instructions included.
- Read, understand and follow these instructions for safe installation and operation.
- Leave this manual with party responsible for use and operation.

DO NOT DISCARD

⚠ WARNING:
FIRE OR EXPLOSION HAZARD
Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

- **DO NOT** store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **What to do if you smell gas**
  - **DO NOT** try to light any appliance.
  - **DO NOT** touch any electrical switch. **DO NOT** use any phone in your building.
  - Leave the building immediately.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.

In the Commonwealth of Massachusetts installation must be performed by a licensed plumber or gas fitter.

See Table of Contents for location of additional Commonwealth of Massachusetts requirements.

DANGER



HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

This appliance may be installed as an OEM installation in manufactured home (USA only) or mobile home and must be installed in accordance with the manufacturer's instructions and the *Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280* in the United States, or the *Standard for Installation in Mobile Homes, CAN/CSA Z240 MH Series,* in Canada.

This appliance is only for use with the type(s) of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

Read this manual before installing or operating this appliance.
Please retain this owner's manual for future reference.

A. Congratulations

Congratulations on selecting a Heat & Glo gas fireplace, an elegant and clean alternative to wood burning fireplaces. The Heat & Glo gas fireplace you have selected 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 owner's manual. Pay special attention to all cautions and warnings.

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

The information contained in this owner's manual, unless noted otherwise, applies to all models and gas control systems.

Your new Heat & Glo gas fireplace will give you years of durable use and trouble-free enjoyment. Welcome to the Heat & Glo family of fireplace products!

Homeowner Reference Information

We recommend that you record the following pertinent information about your fireplace.

Model Name: _____ Date purchased/installed: _____

Serial Number: _____ Location on fireplace: _____

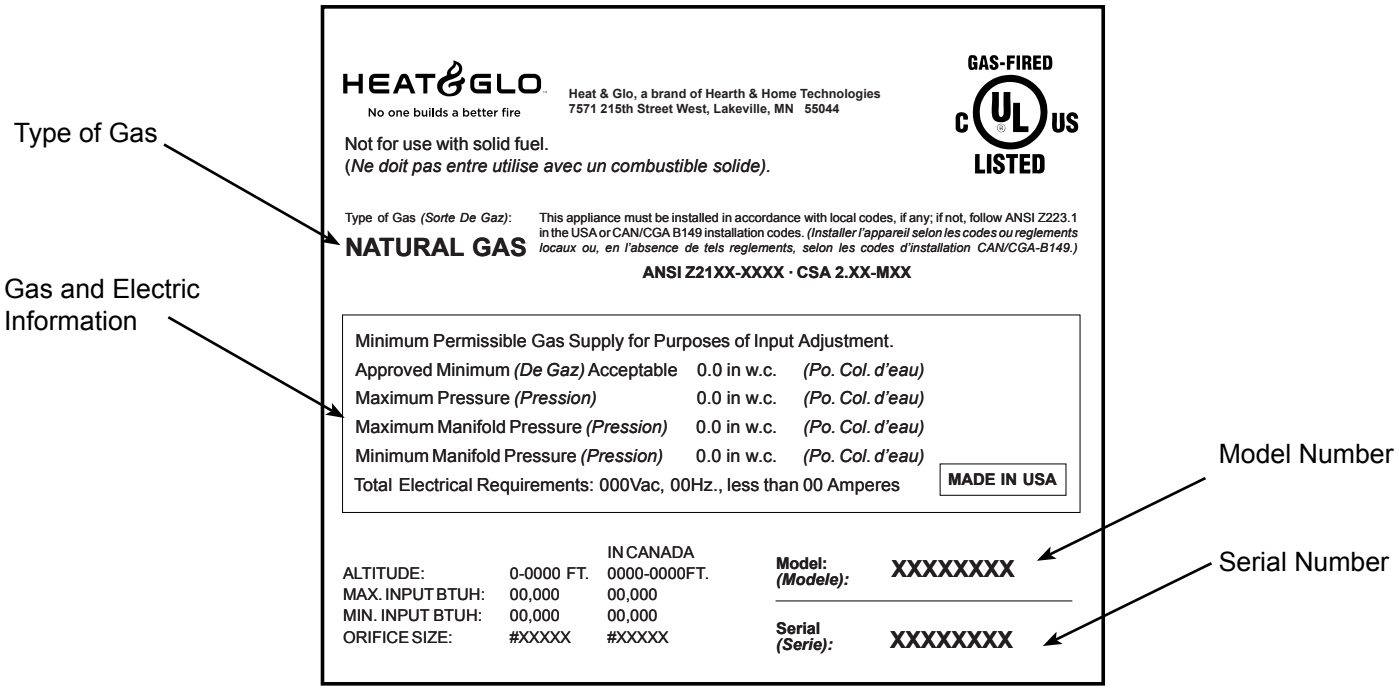
Dealership purchased from: _____ Dealer Phone: _____

Notes: _____

_____

Listing Label Information/Location

The model information regarding your specific fireplace can be found on the rating plate usually located in the control area of the fireplace.



⚠ 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:*** *Used to address practices not related to personal injury.*

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➔ = Contains updated information.

B. Limited Lifetime Warranty

Hearth & Home Technologies
LIMITED LIFETIME WARRANTY

Hearth & Home Technologies, on behalf of its hearth brands ("HHT"), extends the following warranty for HHT gas, wood, pellet, coal and electric hearth appliances that are purchased from an HHT authorized dealer.

WARRANTY COVERAGE:

HHT warrants to the original owner of the HHT appliance at the site of installation, and to any transferee taking ownership of the appliance at the site of installation within two years following the date of original purchase, that the HHT appliance will be free from defects in materials and workmanship at the time of manufacture. After installation, if covered components manufactured by HHT are found to be defective in materials or workmanship during the applicable warranty period, HHT will, at its option, repair or replace the covered components. HHT, at its own discretion, may fully discharge all of its obligations under such warranties by replacing the product itself or refunding the verified purchase price of the product itself. The maximum amount recoverable under this warranty is limited to the purchase price of the product. This warranty is subject to conditions, exclusions and limitations as described below.

WARRANTY PERIOD:

Warranty coverage begins on the date of original purchase. In the case of new home construction, warranty coverage begins on the date of first occupancy of the dwelling or six months after the sale of the product by an independent, authorized HHT dealer/ distributor, whichever occurs earlier. The warranty shall commence no later than 24 months following the date of product shipment from HHT, regardless of the installation or occupancy date. The warranty period for parts and labor for covered components is produced in the following table.

The term "Limited Lifetime" in the table below is defined as: 20 years from the beginning date of warranty coverage for gas appliances, and 10 years from the beginning date of warranty coverage for wood, pellet, and coal appliances. These time periods reflect the minimum expected useful lives of the designated components under normal operating conditions.

Warranty Period		HHT Manufactured Appliances and Venting							Components Covered
Parts	Labor	Gas	Wood	Pellet	EPA Wood	Coal	Electric	Venting	
1 Year		X	X	X	X	X	X	X	All parts and material except as covered by Conditions, Exclusions, and Limitations listed
2 years				X	X	X			Igniters, electronic components, and glass
		X	X	X	X	X			Factory-installed blowers
			X						Molded refractory panels
		X							Ignition Modules
3 years				X					Firepots and burnpots
5 years	1 year			X	X				Castings and baffles
7 years	3 years		X	X	X				Manifold tubes, HHT chimney and termination
10 years	1 year	X							Burners, logs and refractory
Limited Lifetime	3 years	X	X	X	X	X			Firebox and heat exchanger
90 Days		X	X	X	X	X	X	X	All replacement parts beyond warranty period

See conditions, exclusions, and limitations on next page.

B. Limited Lifetime Warranty *(continued)*

WARRANTY CONDITIONS:

- This warranty only covers HHT appliances that are purchased through an HHT authorized dealer or distributor. A list of HHT authorized dealers is available on the HHT branded websites.
- This warranty is only valid while the HHT appliance remains at the site of original installation.
- This warranty is only valid in the country in which the HHT authorized dealer or distributor that sold the appliance resides.
- Contact your installing dealer for warranty service. If the installing dealer is unable to provide necessary parts, contact the nearest HHT authorized dealer or supplier. Additional service fees may apply if you are seeking warranty service from a dealer other than the dealer from whom you originally purchased the product.
- Check with your dealer in advance for any costs to you when arranging a warranty call. Travel and shipping charges for parts are not covered by this warranty.

WARRANTY EXCLUSIONS:

This warranty does not cover the following:

- Changes in surface finishes as a result of normal use. As a heating appliance, some changes in color of interior and exterior surface finishes may occur. This is not a flaw and is not covered under warranty.
- Damage to printed, plated, or enameled surfaces caused by fingerprints, accidents, misuse, scratches, melted items, or other external sources and residues left on the plated surfaces from the use of abrasive cleaners or polishes.
- Repair or replacement of parts that are subject to normal wear and tear during the warranty period. These parts include: paint, wood, pellet and coal gaskets, firebricks, grates, flame guides, batteries and the discoloration of glass.
- Expansion, contraction, or movement of certain parts causing noise. These conditions are normal and complaints related to this noise are not covered by this warranty.
- Damages resulting from: (1) failure to install, operate, or maintain the appliance in accordance with the installation instructions, operating instructions, and listing agent identification label furnished with the appliance; (2) failure to install the appliance in accordance with local building codes; (3) shipping or improper handling; (4) improper operation, abuse, misuse, continued operation with damaged, corroded or failed components, accident, or improperly/incorrectly performed repairs; (5) environmental conditions, inadequate ventilation, negative pressure, or drafting caused by tightly sealed constructions, insufficient make-up air supply, or handling devices such as exhaust fans or forced air furnaces or other such causes; (6) use of fuels other than those specified in the operating instructions; (7) installation or use of components not supplied with the appliance or any other components not expressly authorized and approved by HHT; (8) modification of the appliance not expressly authorized and approved by HHT in writing; and/or (9) interruptions or fluctuations of electrical power supply to the appliance.
- Non-HHT venting components, hearth components or other accessories used in conjunction with the appliance.
- Any part of a pre-existing fireplace system in which an insert or a decorative gas appliance is installed.
- HHT's obligation under this warranty does not extend to the appliance's capability to heat the desired space. Information is provided to assist the consumer and the dealer in selecting the proper appliance for the application. Consideration must be given to appliance location and configuration, environmental conditions, insulation and air tightness of the structure.

This warranty is void if:

- The appliance has been over-fired or operated in atmospheres contaminated by chlorine, fluorine, or other damaging chemicals. Over-firing can be identified by, but not limited to, warped plates or tubes, rust colored cast iron, bubbling, cracking and discoloration of steel or enamel finishes.
- The appliance is subjected to prolonged periods of dampness or condensation.
- There is any damage to the appliance or other components due to water or weather damage which is the result of, but not limited to, improper chimney or venting installation.

LIMITATIONS OF LIABILITY:

- The owner's exclusive remedy and HHT's sole obligation under this warranty, under any other warranty, express or implied, or in contract, tort or otherwise, shall be limited to replacement, repair, or refund, as specified above. In no event will HHT be liable for any incidental or consequential damages caused by defects in the appliance. Some states do not allow exclusions or limitation of incidental or consequential damages, so these limitations may not apply to you. This warranty gives you specific rights; you may also have other rights, which vary from state to state. EXCEPT TO THE EXTENT PROVIDED BY LAW, HHT MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE EXPRESSED WARRANTY SPECIFIED ABOVE.

1 Listing and Code Approvals

A. Appliance Certification

MODELS: **6000CLX-IPI, 6000CLX-IPILP, 8000CLX-IPI, 8000CLX-IPILP**
LABORATORY: **Underwriters Laboratories, Inc. (UL)**
TYPE: **Direct Vent Heater**
STANDARD: **ANSI Z21.88-2014 • CSA 2.33-2014**

This product is listed to ANSI standards for "Vented Gas Fireplace Heaters" and applicable sections of "Gas Burning Heating Appliances for Manufactured Homes and Recreational Vehicles", and "Gas Fired Appliances for Use at High Altitudes".

NOTICE: *This installation must conform with local codes. In the absence of local codes you must comply with the National Fuel Gas Code, ANSI Z223.1-latest edition in the U.S.A. and the CAN/CGA B149 Installation Codes in Canada.*

NOT INTENDED FOR USE AS A PRIMARY HEAT SOURCE. This appliance is tested and approved as either supplemental room heat or as a decorative appliance. It should not be factored as primary heat in residential heating calculations.

B. Glass Specifications

This appliance is equipped with 5 mm ceramic glass. Replace glass only with 5 mm ceramic glass. Please contact your dealer for replacement glass.

C. BTU Specifications

Models *(U.S. or Canada)*		**Maximum Input BTU/h**	**Minimum Input BTU/h**	**Orifice Size (DMS)**
6000CLX-IPI (NG)	*US (0-2000 FT)*	40,000	22,000	0.124 in.
	CANADA (2000-4500 FT)	36,000	19,800	32
6000CLX-IPILP	*US (0-2000 FT)*	40,000	21,000	49
	CANADA (2000-4500 FT)	36,000	18,900	50
8000CLX-IPI (NG)	*US (0-2000 FT)*	45,000	22,000	30
	CANADA (2000-4500 FT)	40,500	19,800	31
8000CLX-IPILP	*US (0-2000 FT)*	45,000	23,000	47
	CANADA (2000-4500 FT)	40,500	20,700	48

D. High Altitude Installations

NOTICE: *If the heating value of the gas has been reduced, these rules do not apply. Check with your local gas utility or authorities having jurisdiction.*

When installing above 2000 feet elevation:

- In the USA: Reduce input rate 4% for each 1000 feet above 2000 feet.
- In CANADA: Reduce input rate 10% for elevations between 2000 feet and 4500 feet. Above 4500 feet, consult local gas utility.

Check with your local gas utility to determine proper orifice size.

E. Non-Combustible Materials Specification

Material which will not ignite and burn. Such materials are those consisting entirely of steel, iron, brick, tile, concrete, slate, glass or plasters, or any combination thereof.

Materials that are reported as passing **ASTM E 136, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 ºC** shall be considered non-combustible materials.

F. Combustible Materials Specification

Materials made of or surfaced with wood, compressed paper, plant fibers, plastics, or other material that can ignite and burn, whether flame proofed or not, or plastered or unplastered shall be considered combustible materials.

G. Electrical Codes

NOTICE: *This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with* **National Electric Code ANSI/NFPA 70-latest edition** *or the* **Canadian Electric Code CSA C22.1.**

- A 110-120 VAC circuit for this product must be protected with ground-fault circuit-interrupter protection, in compliance with the applicable electrical codes, when it is installed in locations such as in bathrooms or near sinks.

Note: The following requirements reference various Massachusetts and national codes not contained in this document.

H. Requirements for the Commonwealth of Massachusetts

For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

Installation of Carbon Monoxide Detectors

At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gas fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gas fitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.
In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

Approved Carbon Monoxide Detectors

Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

Signage

A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) in. in size, **"GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS".**

Inspection

The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

Exemptions

The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

- The equipment listed in Chapter 10 entitled "Equipment Not Required To Be Vented" in the most current edition of NFPA 54 as adopted by the Board; and
- Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

MANUFACTURER REQUIREMENTS

Gas Equipment Venting System Provided

When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

- Detailed instructions for the installation of the venting system design or the venting system components; and
- A complete parts list for the venting system design or venting system.

Gas Equipment Venting System NOT Provided

When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies "special venting systems", the following requirements shall be satisfied by the manufacturer:

- The referenced "special venting system" instructions shall be included with the appliance or equipment installation instructions; and
- The "special venting systems" shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

See Gas Connection section for additional Commonwealth of Massachusetts requirements.

A. Gas Fireplace Safety

WARNING! DO NOT operate fireplace before reading and understanding operating instructions. *Failure to operate fireplace according to operating instructions could cause fire or injury.*

DANGER



HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL 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.

- Clothing, furniture, draperies, and other flammable materials must not be placed on or near the appliance.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals. DO NOT operate the appliance with the barrier removed. If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.

Contact your dealer or Hearth & Home Technologies if the barrier is not present or help is needed to properly install one.

Young children should be carefully supervised when they are in the same room as the appliance. Toddlers, young children and others may be susceptible to accidental contact burns.

- A physical barrier is recommended if there are at risk individuals in the house.
- To restrict access to a fireplace or stove, install an adjustable safety gate to keep toddlers, young children and other at risk individuals out of the room and away from hot surfaces.
- Install a switch lock or a wall/remote control with child protection lockout feature.
- Keep remote controls out of reach of children.
- Never leave children alone near a hot fireplace, whether operating or cooling down.
- Teach children to NEVER touch the fireplace.
- Consider not using the fireplace when children will be present.

Contact your dealer for more information, or visit: www.hpba.org/safety-information.

To prevent unintended operation when not using your fireplace for an extended period of time (summer months, vacations, trips, etc):

- Remove batteries from remote controls.
- Turn off wall controls.
- Unplug 6 volt transformer plug and remove batteries on IPI models.

B. Your Fireplace

WARNING! DO NOT operate fireplace before reading and understanding operating instructions. *Failure to operate fireplace according to operating instructions could cause fire or injury.*

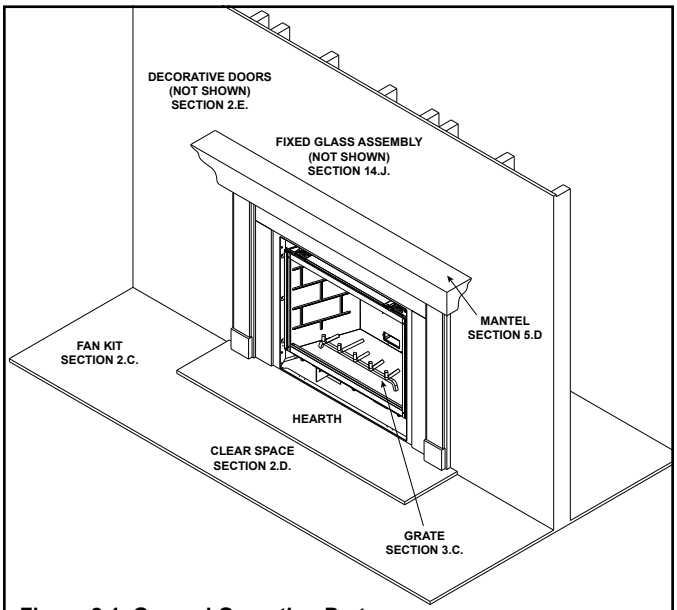


Figure 2.1 General Operating Parts

C. Fan Kit

A fan is shipped with this appliance.

D. Clear Space

***WARNING! DO NOT** place combustible objects in front of the fireplace or block louvers. High temperatures may start a fire. See Figure 2.2.*

Avoid placing candles and other heat-sensitive objects on mantel or hearth. Heat may damage these objects.

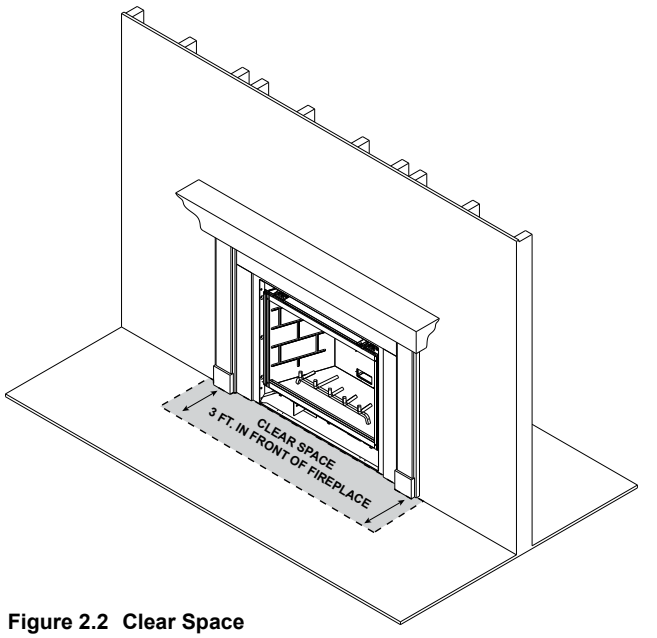


Figure 2.2 Clear Space

E. Decorative Fronts

***WARNING! Risk of Fire!** Install ONLY decorative fronts approved by Hearth & Home Technologies. Unapproved decorative fronts may cause fireplace to overheat.*

This fireplace has been supplied with an integral barrier to prevent direct contact with the fixed glass panel. DO NOT operate the fireplace with the barrier removed.

Contact your dealer or Hearth & Home Technologies if the barrier is not present or help is needed to properly install one.

For more information refer to the instructions supplied with your decorative decorative front.

F. Fixed Glass Assembly

See Section 14.J.

G. Remote Controls, Wall Controls and Wall Switches

Follow the instructions supplied with the control installed to operate your fireplace:

For safety:

- Install a switch lock or a wall/remote control with child protection lockout feature.
- Keep remote controls out of reach of children.

See your dealer if you have questions.

H. IPI Battery Tray/Battery Installation

The IntelliFire™ Plus system has a battery backup option. Battery longevity and performance will be affected by the service temperatures of this appliance.

NOTICE: *Batteries should only be used as a power source in the event of an emergency such as an outage.*

I. Control Module Operation

1. The control module has an ON/OFF/REMOTE selector switch that must be set. See Figure 2.3.

   OFF Position: Appliance will ignore all power inputs and will not respond to any commands from a wall switch or remote. The unit should be in the OFF position during installation, service, battery installation, fuel conversion, and in the event that the control goes into LOCK-OUT mode as a result of an error code.

   ON Position: Appliance will ignite and run continuously in the HI flame setting, with no adjustment in flame output. This mode of operation is primarily used for initial installation or power outage operation with battery backup.

   REMOTE Position: Appliance will initiate commands from an optional wired wall switch and/or the wireless remote (RC300).

2. If using a wired wall switch with the module in REMOTE mode, the flame output can be adjusted with the HI/LO selector switch on the module. See Figure 2.3. Note that the flame HI/LO selector switch will become inactive once an optional remote control (RC200/RC300) is programmed to the control module. Note that the control module will always ignite the fireplace on HI and remain so for the initial 10 seconds of operation. If the HI/LO is switched to the LO position, the flame output will automatically drop to the lowest setting after the flame has been established for 10 sec. After this 10 second period, the flame can be adjusted from HI to LO with the switch.

3. The control module has safety feature that automatically shuts down the fireplace after 9 hours of continuous operation without receiving a command from the RC300 remote.

4. If you intend to use both an optional wired wall switch and the RC300 remote control to operate your fireplace, the wall switch will override any commands given by the remote.

5. **Module Reset**

   This module may lock-out under certain conditions. When this occurs, the appliance will not ignite or respond to commands. The module will go into lock-out mode by emitting three audible beeps, then continuously displaying a RED/GREEN error code at its status indicator LED.

- Check battery tray. Remove batteries if installed. Batteries should only be installed for use during power outages. See Section H.

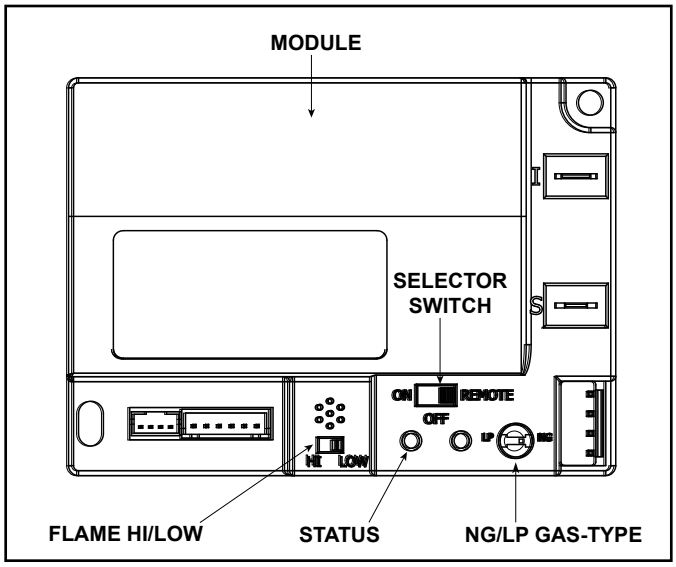


Figure 2.3 Control Module

- Locate the module selector switch. (See Figure 2.3).
- Set the module selector switch to the RESET position.
- Wait five (5) minutes to allow possible accumulated gas to clear.
- Set the module selector switch to ON or REMOTE position.
- Start the appliance.

WARNING! Risk of Explosion! DO NOT *reset the module more than one time within a five minute time period. Gas may accumulate in firebox. Call a qualified service technician.*

Nine Hour Safety Shutdown Feature
This appliance has a safety feature that automatically shuts down the fireplace after 9 hours of continuous operation without receiving a command from the RC300 remote.

J. Before Lighting Fireplace

Before operating this fireplace for the first time, **have a qualified service technician**:

- Verify all shipping materials have been removed from inside and/or underneath the firebox.
- Review proper placement of logs, ember material and/or other decorative materials.
- Ensure plastic finishing strips have been removed after use for incorporating finishing materials.
- Check the wiring.
- Check the air shutter adjustment.
- Ensure that there are no gas leaks.
- Ensure that the glass is sealed and in the proper position and that the integral barrier is in place.

WARNING! Risk of Fire or Asphyxiation! DO NOT *operate fireplace with fixed glass assembly removed.*

K. Lighting Instructions (IPI)

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. This appliance is equipped with an intermittent pilot ignition (IPI) device which automatically lights the burner. **DO NOT** try to light the burner by hand.

B. **BEFORE LIGHTING**, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- **DO NOT** try to light any appliance.
- **DO NOT** touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

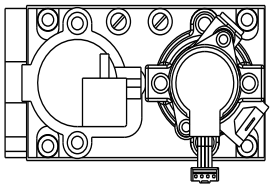
C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, **DO NOT** try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D. **DO NOT** use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

LIGHTING INSTRUCTIONS (IPI)

1. This appliance is equipped with an ignition device which automatically lights the burner. DO NOT try to light the burner by hand.

GAS VALVE



2. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the Safety Information located on the top of this label. If you do not smell gas, go to next step.
3. To light the burner:
   Equipped with wall switch: Turn ON/OFF switch to ON.
   Equipped with remote or wall control: Press ON or FLAME button.
   Equipped with thermostat: Set temperature to desired setting.
4. If the appliance does not light after three tries, call your service technician or gas supplier.

TO TURN OFF GAS TO APPLIANCE

1. Equipped with wall switch: Turn ON/OFF switch to OFF.
   Equipped with remote or wall control: Press OFF button.
   Equipped with thermostat: Set temperature to lowest setting.
2. Service technician should turn off electric power to the control when performing service.

DANGER



HOT GLASS WILL CAUSE BURNS.
DO NOT TOUCH GLASS UNTIL COOLED.
NEVER ALLOW CHILDREN TO TOUCH GLASS.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

WARNING:

DO NOT CONNECT LINE VOLTAGE (110/120 VAC OR 220/240 VAC) TO THE CONTROL VALVE.

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.

This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.

If not installed, operated, and maintained in accordance with the manufacturer's instructions, this product could expose you to substances in fuel or fuel combustion which are known to the State of California to cause cancer, birth defects, or other reproductive harm.

Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.

CAUTION:

Hot while in operation. DO NOT touch. Keep children, clothing, furniture, gasoline and other liquids having flammable vapors away.

DO NOT operate the appliance with fixed glass assembly removed, cracked or broken. Replacement of the fixed glass assembly should be done by a licensed or qualified service person.

NOT FOR USE WITH SOLID FUEL

For use with natural gas and propane. A conversion kit, as supplied by the manufacturer, shall be used to convert this appliance to the alternate fuel.

Also Certified for Installation in a Bedroom or a Bedsitting Room.

This appliance must be installed in accordance with local codes, if any; if none, follow the *National Fuel Gas Code, ANSIZ223.1/ NFPA 54, or the National Gas and Propane Installation code, CSA B149.1.*

For additional information on operating your
Hearth & Home Technologies fireplace, please refer to www.fireplaces.com.

593-913i

L. After Fireplace is Lit

Initial Break-in Procedure

- The fireplace should be run three to four hours continuously on high.
- Turn the fireplace off and allow it to completely cool.
- Remove fixed glass assembly. See Section 14.J.
- Clean fixed glass assembly. See Section 3.
- Replace the fixed glass assembly and run continuously on high an additional 12 hours.

This cures the materials used to manufacture the fireplace.

NOTICE! Open windows for air circulation during fireplace break-in.

- *Some people may be sensitive to smoke and odors.*
- *Smoke detectors may activate.*

M. Frequently Asked Questions

ISSUE	SOLUTIONS
Condensation on the glass	This is a result of gas combustion and temperature variations. As the appliance warms, this condensation will disappear.
Blue flames	This is a result of normal operation and the flames will begin to yellow as the appliance is allowed to burn for 20 to 40 minutes.
Odor from appliance	When first operated, this appliance may release an odor for the first several hours. This is caused by the curing of the paint and the burning off of any oils remaining from manufacturing. Odor may also be released from finishing materials and adhesives used around the appliance.
Film on the glass	This is a normal result of the curing process of the paint and logs. Glass should be cleaned within 3 to 4 hours of initial burning to remove deposits left by oils from the manufacturing process. A non-abrasive cleaner such as gas fireplace glass cleaner may be necessary. See your dealer.
Metallic noise	Noise is caused by metal expanding and contracting as it heats up and cools down, similar to the sound produced by a furnace or heating duct. This noise does not affect the operation or longevity of the appliance.
Is it normal to see the pilot flame burn continually?	In an intermittent pilot ignition system (IPI), the pilot flame should turn off when appliance is turned off. Some optional control systems available with IPI models may allow pilot flame to remain lit.

3 Maintenance and Service

Any safety screen or guard removed for servicing must be replaced prior to operating the fireplace.

When properly maintained, your fireplace will give you many years of trouble-free service. We recommend annual service by a qualified service technician.

A. Maintenance Tasks-Homeowner

Installation and repair should be done by a qualified service technician only. The fireplace should be inspected before use and at least annually by a professional service person.

The following tasks may be performed annually by the homeowner. If you are uncomfortable performing any of the listed tasks, please call your dealer for a service appointment.

More frequent cleaning may be required due to lint from carpeting or other factors. Control compartment, burner and circulating air passageway of the fireplace must be kept clean.

CAUTION! Risk of Burns! *The fireplace should be turned off and cooled before servicing.*

Glass Cleaning

Frequency: Seasonally

By: Homeowner

Tools Needed: Protective gloves, glass cleaner, drop cloth and a stable work surface.

CAUTION! Handle fixed glass assembly with care. *Glass is breakable.*

- *Avoid striking, scratching or slamming glass*
- *Avoid abrasive cleaners*
- ***DO NOT*** *clean glass while it is hot*

- Prepare a work area large enough to accommodate fixed glass assembly and door frame by placing a drop cloth on a flat, stable surface.

Note: Fixed glass assembly and gasketing may have residue that can stain carpeting or floor surfaces.

- Remove decorative front from fireplace and set aside on work surface.
- See Section 14.J for instructions to remove fixed glass assembly.
- Clean glass with a non-abrasive commercially available cleaner.
  - Light deposits: Use a soft cloth with soap and water
  - Heavy deposits: Use commercial fireplace glass cleaner (consult with your dealer)
- Carefully set fixed glass assembly in place on fireplace. Hold glass in place with one hand and secure glass latches with the other hand.
- Reinstall decorative front.

Surrounds, Decorative Fronts

Frequency: Annually

By: Homeowner

Tools needed: Protective gloves, stable work surface

- Assess condition of screen and replace as necessary.
- Inspect for scratches, dents or other damage and repair as necessary.
- Check that louvers are not blocked.
- Vacuum and dust surfaces.

Remote Control

Frequency: Seasonally

By: Homeowner

Tools needed: Replacement batteries and remote control instructions.

- Locate remote control transmitter and receiver.
- Verify operation of remote. Refer to remote control operation instructions for proper calibration and setup procedure.
- Place batteries as needed in remote transmitters and battery-powered receivers.
- Place remote control out of reach of children.

If not using your fireplace for an extended period of time (summer months, vacations/trips, etc), to prevent unintended operation:

- Remove batteries from remote controls.
- Unplug 6 volt transformer plug on IPI models.
- Remove battery backup from control module.

Venting

Frequency: Seasonally

By: Homeowner

Tools needed: Protective gloves and safety glasses.

- Inspect venting and termination cap for blockage or obstruction such plants, bird nests, leaves, snow, debris, etc.
- Verify termination cap clearance to subsequent construction (building additions, decks, fences, or sheds). See Section 6.
- Inspect for corrosion or separation.
- Verify weather stripping, sealing and flashing remains intact.
- Inspect draft shield to verify it is not damaged or missing.

B. Maintenance Tasks-Qualified Service Technician

The following tasks must be performed by a qualified service technician.

Gasket Seal and Glass Assembly Inspection

Frequency: Annually

By: Qualified Service Technician

Tools needed: Protective gloves, drop cloth and a stable work surface.

- Inspect gasket seal and its condition.
- Inspect fixed glass assembly for scratches and nicks that can lead to breakage when exposed to heat.
- Confirm there is no damage to glass or glass frame. Replace as necessary.
- Verify that fixed glass assembly is properly retained and attachment components are intact and not damaged. Replace as necessary.

Logs

Frequency: Annually

By: Qualified Service Technician

Tools needed: Protective gloves.

- Inspect for damaged or missing logs. Replace as necessary. Refer to Section 14 for log placement instructions.
- Verify correct log placement and no flame impingement causing sooting. Correct as necessary.

Firebox

Frequency: Annually

By: Qualified Service Technician

Tools needed: Protective gloves, sandpaper, steel wool, cloths, mineral spirits, primer and touch-up paint.

- Inspect for paint condition, warped surfaces, corrosion or perforation. Sand and repaint as necessary.
- Replace fireplace if firebox has been perforated.

Control Compartment and Firebox Top

Frequency: Annually

By: Qualified Service Technician

Tools needed: Protective gloves, vacuum cleaner, dust cloths

- Vacuum and wipe out dust, cobwebs, debris or pet hair. Use caution when cleaning these areas. Screw tips that have penetrated the sheet metal are sharp and should be avoided.
- Remove all foreign objects.
- Verify unobstructed air circulation.

Burner Ignition and Operation

Frequency: Annually

By: Qualified Service Technician

Tools needed: Protective gloves, vacuum cleaner, whisk broom, flashlight, voltmeter, indexed drill bit set, and a manometer.

- Verify burner is properly secured and aligned with pilot or igniter.
- Clean off burner top, inspect for plugged ports, corrosion or deterioration. Replace burner if necessary.
- Replace Glowing embers with new dime-size pieces. **DO NOT** block ports or obstruct lighting paths. Refer to Section 14 for proper ember placement.
- Verify batteries have been removed from battery back-up IPI systems to prevent premature battery failure or leaking.
- Check for smooth lighting and ignition carryover to all ports. Verify that there is no ignition delay.
- Inspect for lifting or other flame problems.
- Verify air shutter setting is correct. See Section 14 for required air shutter setting. Verify air shutter is clear of dust and debris.
- Inspect orifice for soot, dirt and corrosion. Verify orifice size is correct. See Service Parts List for proper orifice sizing.
- Verify manifold and inlet pressures. Adjust regulator as required.
- Inspect pilot flame pattern and strength. See Figures 3.1 for proper pilot flame pattern. Clean or replace orifice spud as necessary.
- Inspect IPI flame sensing rod for soot, corrosion and deterioration. Polish with fine steel wool or replace as required.
- Verify that there is not a short in flame sense circuit by checking continuity between pilot hood and flame sensing rod. Replace pilot as necessary.



Figure 3.1 IPI Pilot Flame Patterns

C. Refractory, Grate and Valve Assembly Removal

It may become necessary to remove the refractory, grate and valve assemblies. This task should be performed by a qualified service technician. the refractory, grate and base refractory **do not** need to be removed to service the burner assembly.

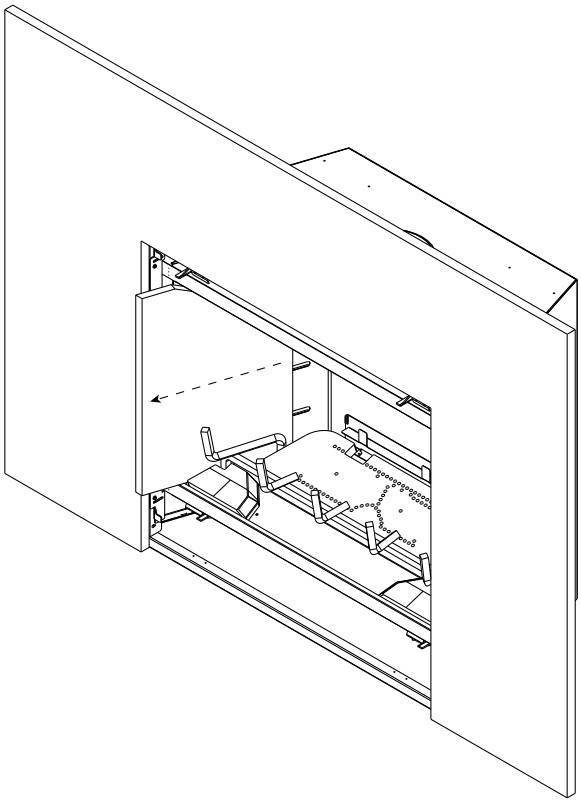


Figure 3.2 Side Refractory Removal

To remove the top refractory panel, lift the top refractory panel up using both hands, slide it forward as much as possible and carefully lower it.

To remove the side refractory panels, slide the panel forward as shown in Figure 3.2. Rotate the panels and remove as shown in Figure 3.3. Remove the back refractory panel by lifting it over the burner assembly.

NOTICE: *Remove refractory before removing grate. If grate is removed first, damage to refractory will occur.*

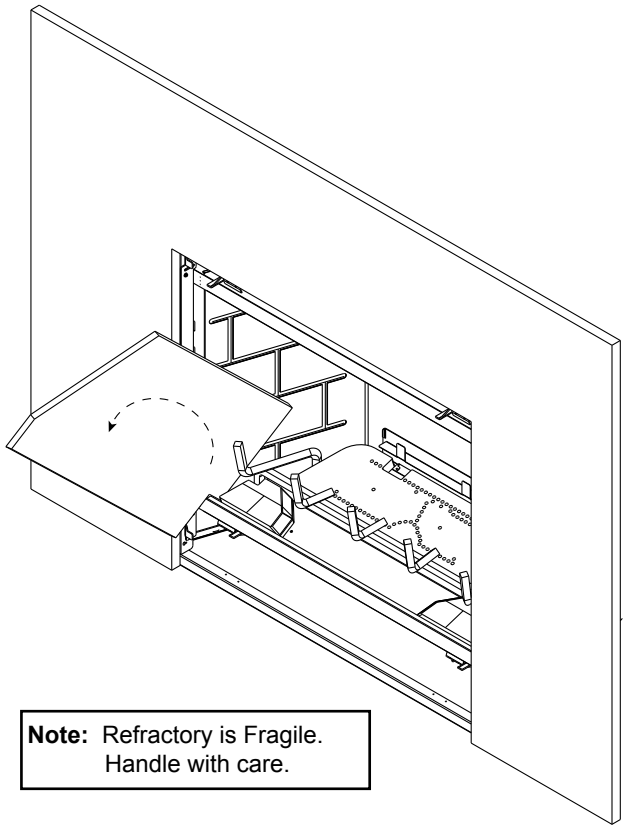


Figure 3.3 Side Refractory Removal

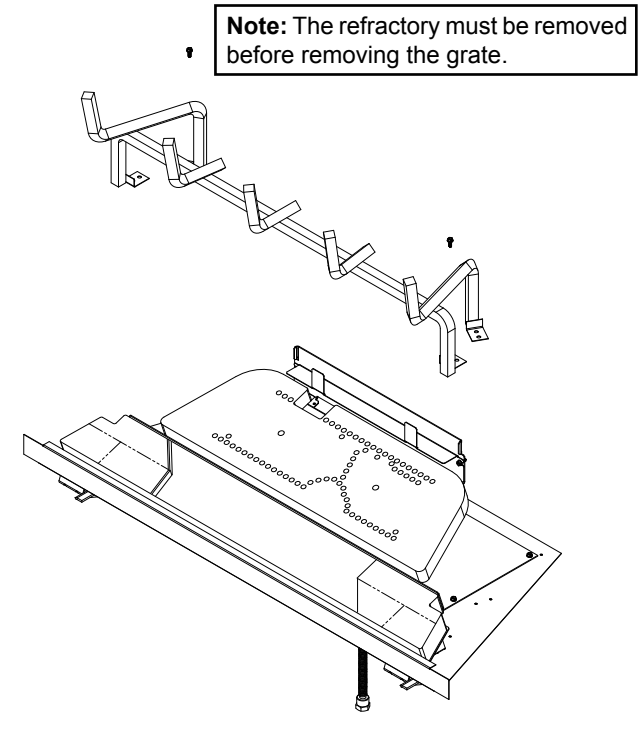


Figure 3.4 Grate Removal

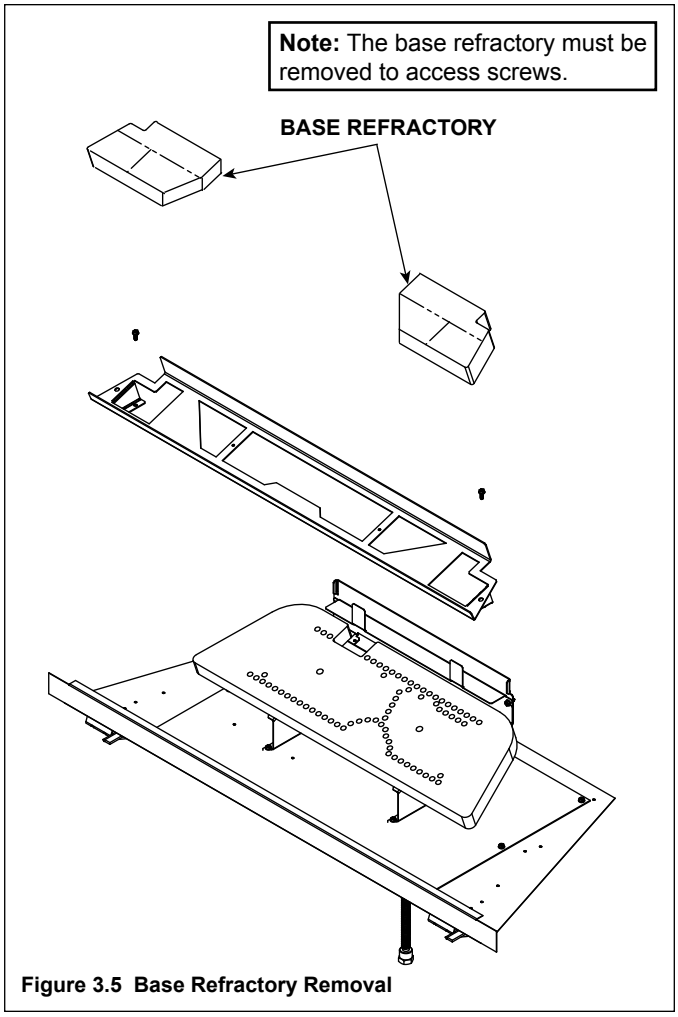


Figure 3.5 Base Refractory Removal

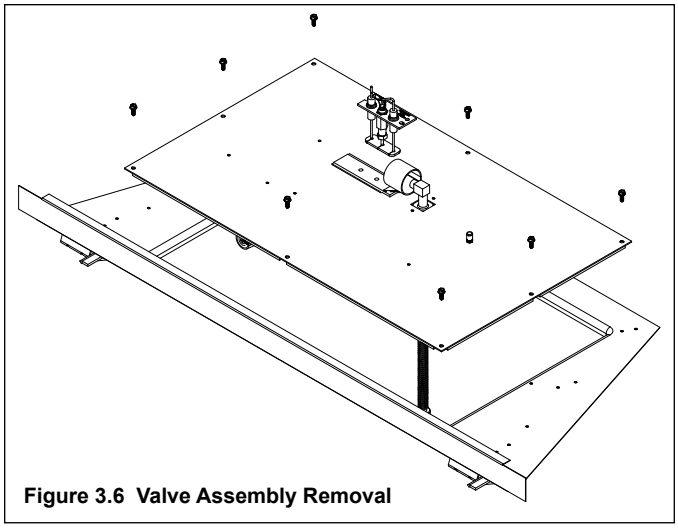
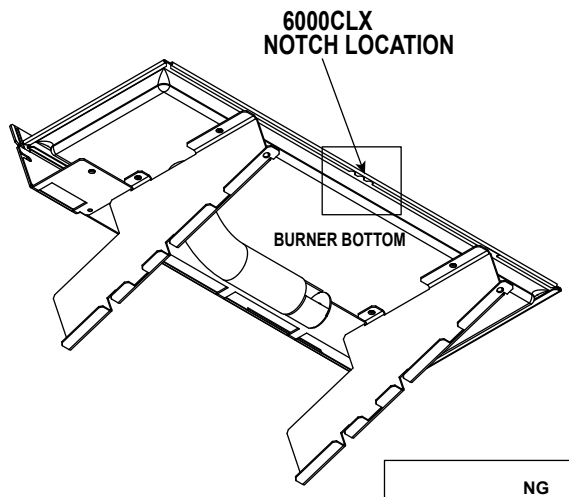
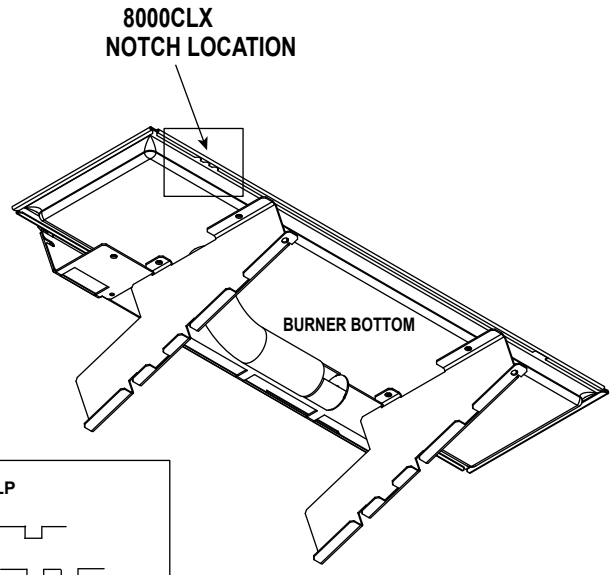


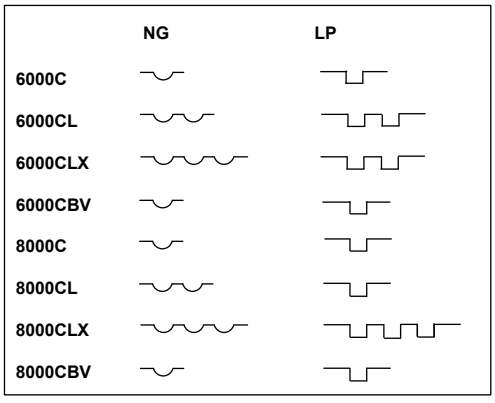
Figure 3.6 Valve Assembly Removal

D. Burner Identification/Verification

The burner may be accessed for identification and verification purposes. This task should be performed by a qualified service technician. The base refractory, valve plate, refractory and grate do not need to be removed to access the burner assembly. The logs and fiber burner top need to be removed to access the burner. Disconnect the pilot from the burner before removal. See Figure 3.7 for burner identification chart. Notch patterns are located on bottom side of burner.







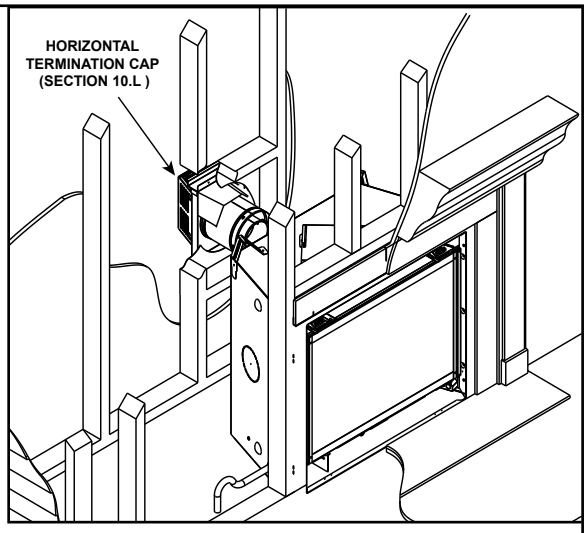
Note: Notch location may vary by model.

Figure 3.7 Burner Identification

A. Typical Appliance System

NOTICE: *Illustrations and photos reflect typical installations and are for design purposes only. Illustrations/diagrams are not drawn to scale. Actual product may vary from pictures in manual*

Note: Dual venting configurations **ARE NOT** allowed. Appliance **MUST** be vented **EITHER** vertically **OR** horizontally.



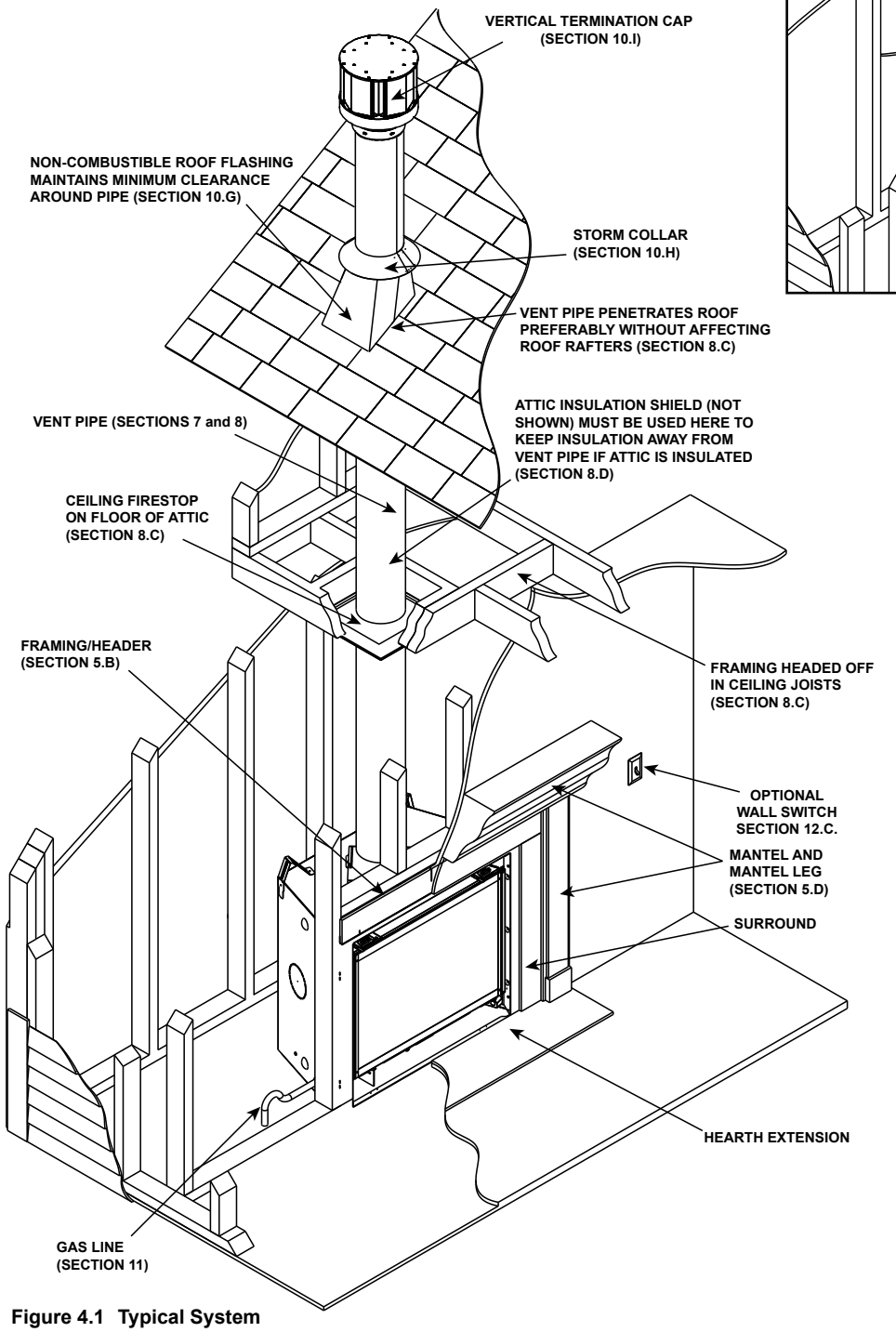


Figure 4.1 Typical System

B. Design and Installation Considerations

Heat & Glo direct vent gas appliances are designed to operate with all combustion air siphoned from outside of the building and all exhaust gases expelled to the outside. No additional outside air source is required.

Installation MUST comply with local, regional, state and national codes and regulations. Consult insurance carrier, local building inspector, fire officials or authorities having jurisdiction over restrictions, installation inspection and permits.

Before installing, determine the following:

- Where the appliance is to be installed.
- The vent system configuration to be used.
- Gas supply piping requirements.
- Electrical wiring requirements.
- Framing and finishing details.
- Whether optional accessories—devices such as a fan, wall switch, or remote control—are desired.

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. For assistance or additional information, consult a qualified service technician, service agency or your dealer.

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

hearthED FACTORY TRAINING Fuel Your Fire

NFI NATIONAL FIREPLACE INSTITUTE A CERTIFICATION AGENCY

C. Tools and Supplies Needed

Before beginning the installation be sure that the following tools and building supplies are available.

Tape measure	Framing material
Pliers	Non-corrosive leak check solution
Hammer	Phillips screwdriver
Gloves	Framing square
Voltmeter	Electric drill and bits (1/4 in.)
Plumb line	Safety glasses
Level	Reciprocating saw
Manometer	Flat blade screwdriver

1/2 - 3/4 in. length, #6 or #8 Self-drilling screws

Caulking material (300 ºF minimum continuous exposure rating)

One 1/4 in. female connection (for optional fan).

D. Inspect Appliance and Components

- Carefully remove the appliance and components from the packaging.
- The vent system components and decorative fronts may be shipped in separate packages.
- If packaged separately, the log set and appliance grate must be installed.
- Report to your dealer any parts damaged in shipment, particularly the condition of the glass.
- **Read all of the instructions before starting the installation. Follow these instructions carefully during the installation to ensure maximum safety and benefit.**

WARNING! Risk of Fire or Explosion! *Damaged parts could impair safe operation.* ***DO NOT i****nstall damaged, incomplete or substitute components. Keep appliance dry.*

Hearth & Home Technologies disclaims any responsibility for, and the warranty will be voided by, the following actions:

- Installation and use of any damaged appliance or vent system component.
- Modification of the appliance or vent system.
- Installation other than as instructed by Hearth & Home Technologies.
- Improper positioning of the gas logs or the glass door.
- Installation and/or use of any component part not approved by Hearth & Home Technologies.

Any such action may cause a fire hazard.

WARNING! Risk of Fire, Explosion or Electric Shock! ***DO NOT*** *use this appliance if any part has been under water. Call a qualified service technician to inspect the appliance and to replace any part of the control system and/or gas control which has been under water.*

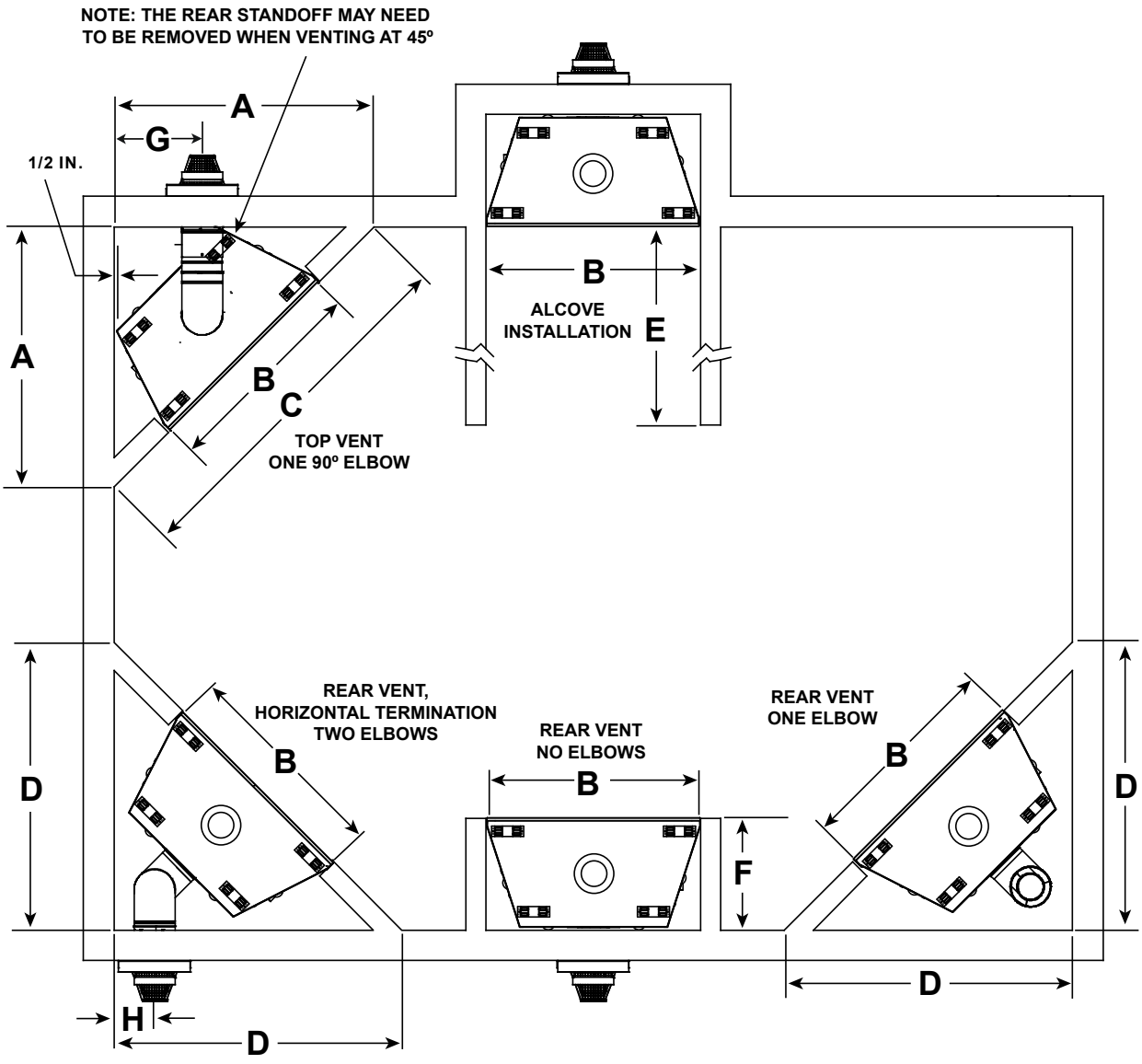
5 Framing and Clearances

A. Selecting Appliance Location

When selecting a location for the appliance it is important to consider the required clearances to walls (see Figure 5.1).

WARNING! Risk of Fire or Burns! *Provide adequate clearance around air openings and for service access.* ***Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.***

NOTICE: *Illustrations reflect typical installations and are FOR DESIGN PURPOSES ONLY. Illustrations/diagrams are not drawn to scale. Actual installation may vary due to individual design preference.*



		A	B	C	D	E	F	G	H
6000	in.	51	42	72	56-5/8	See Section D. Mantel Projections	22	17-3/4	8
	mm	1295	1067	1829	1438		559	451	203
8000	in.	55-7/8	49	79	61-1/2	See Section D. Mantel Projections	22	19-3/4	10
	mm	1419	1245	2007	1562		559	502	254

Figure 5.1 Appliance Locations - 6000 Models

B. Constructing the Appliance Chase

A chase is a vertical box-like structure built to enclose the gas appliance and/or its vent system. In cooler climates the vent should be enclosed inside the chase.

NOTICE: *Treatment of ceiling firestops and wall shield firestops and construction of the chase may vary with the type of building. These instructions are not substitutes for the requirements of local building codes. Therefore, you MUST check local building codes to determine the requirements to these steps.*

Chases should be constructed in the manner of all outside walls of the home to prevent cold air drafting problems. The chase should not break the outside building envelope in any manner.

Walls, ceiling, base plate and cantilever floor of the chase should be insulated. Vapor and air infiltration barriers should be installed in the chase as per regional codes for the rest of the home. Additionally, in regions where cold air infiltration may be an issue, the inside surfaces may be sheetrocked and taped for maximum air tightness.

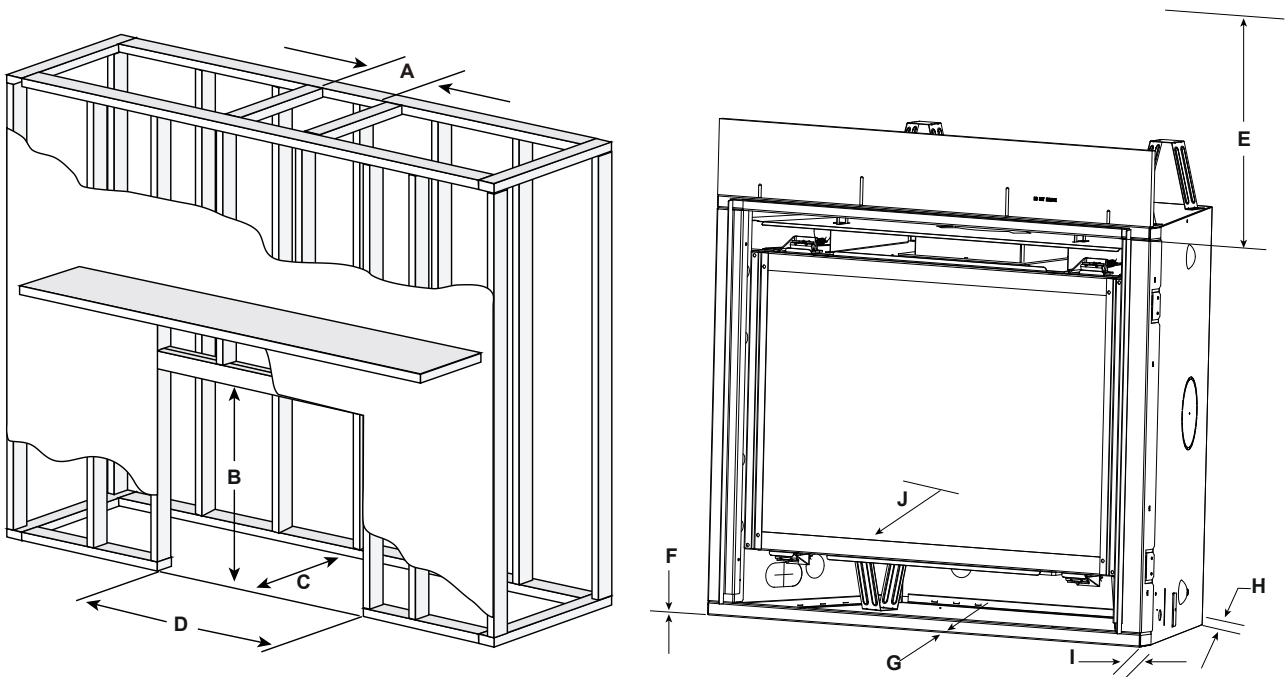
To further prevent drafts, the wall shield and ceiling firestops should be caulked with caulk with a minimum of 300 ºF continuous exposure rating to seal gaps. Gas line holes and other openings should be caulked with caulk with a minimum of 300 ºF continuous exposure rating or stuffed with unfaced insulation. If the appliance is being installed on a cement surface, a layer of plywood may be placed underneath to prevent conducting cold up into the room.

C. Clearances

NOTICE: *Install appliance on hard metal or wood surfaces extending full width and depth.* ***DO NOT*** *install directly on carpeting, vinyl, tile or any combustible material other than wood.*

WARNING! Risk of Fire! *Maintain specified air space clearances to appliance and vent pipe:*

- Insulation and other materials must be secured to prevent accidental contact.
- The chase must be properly blocked to prevent blown insulation or other combustibles from entering and making contact with fireplace or chimney.
- Failure to maintain airspace may cause overheating and a fire.



* MINIMUM FRAMING DIMENSIONS											
Models		A	B	C**	D	E	F	G	H	I	J
		Rough Opening (Width)	Rough Opening (Height)	Rough Opening (Depth)	Rough Opening (Width)	Clearance to Ceiling (Measured from top of appliance opening)	Combustible Floor	Combustible Flooring	Behind Appliance	Sides of Appliance	Front of Appliance
6000	in.	10	40-1/8	22	42	32	0	0	1/2	1/2	36
	mm	254	1019	559	1067	813	0	0	13	13	914
8000	in.	10	42-1/8	22	49	32	0	0	1/2	1/2	36
	mm	254	1019	559	1245	813	0	0	13	13	914

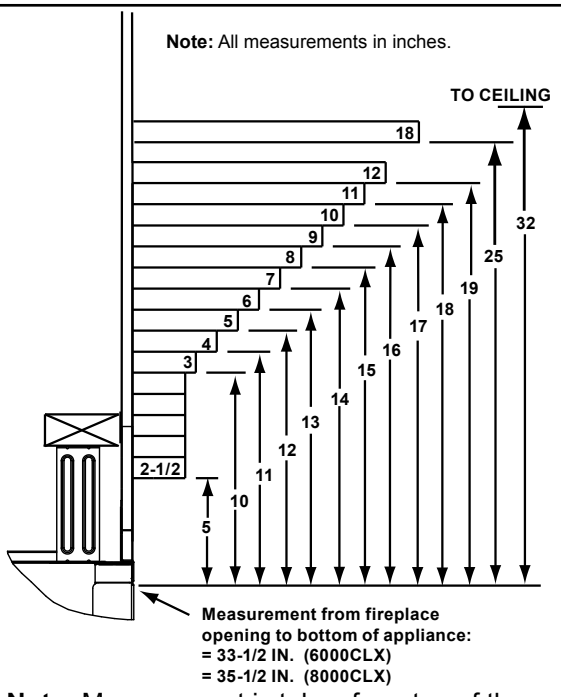
* Adjust framing dimensions for interior sheathing (such as sheetrock)
C** Add 12 inches for rear venting with one 90º elbow.

Figure 5.2 Clearances to Combustibles

D. Mantel and Wall Projections

WARNING! Risk of Fire! *Comply with all minimum clearances as specified. Framing or finishing material closer than the minimums listed must be constructed entirely of non-combustible materials (i.e., steel studs, concrete board, etc).*

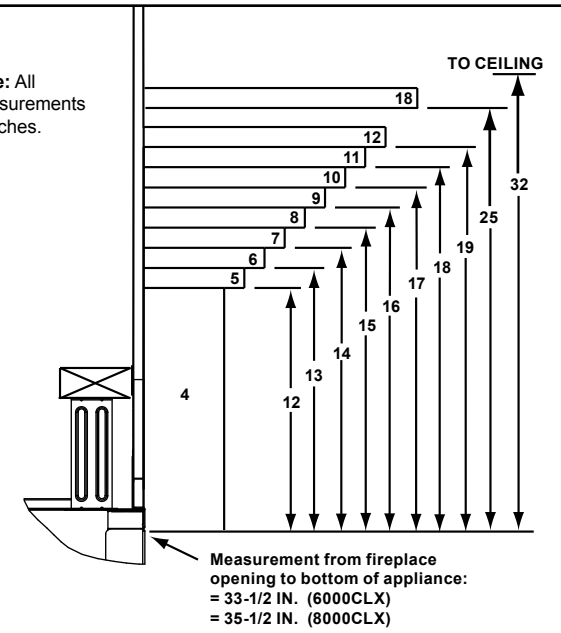
Mantels - Combustible or Painted Surfaces



Note: Measurement is taken from top of the opening, NOT the top of the fireplace.

Figure 5.3 Minimum Vertical and Maximum Horizontal Dimensions - Combustible or Painted Surfaces

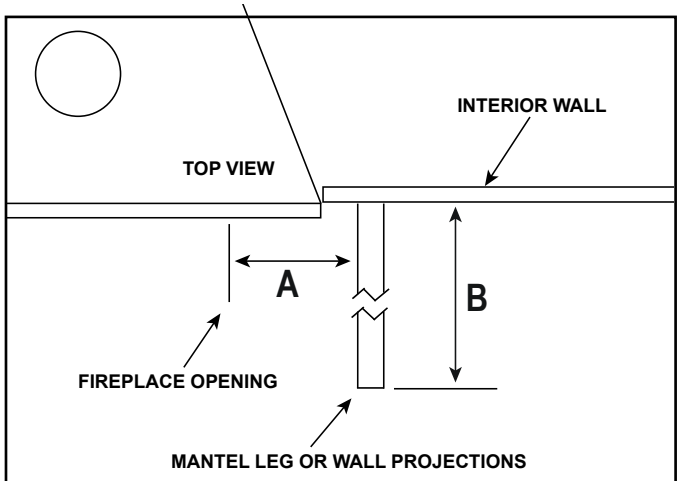
Mantels - Non-Combustible



Note: Measurement is taken from top of the opening, NOT the top of the fireplace.

Figure 5.4 Minimum Vertical and Maximum Horizontal Dimensions- Non-Combustible

Mantel Legs or Wall Projections



Combustible or Painted Surfaces

If **A** minimum is ____, then **B** maximum is_____.							
A	*Inches*	**2-7/16**	**3-7/16**	**4-7/16**	**5-7/16**	**6-7/16**	**7-7/16**
	Millimeters	62	87	113	138	164	189
B	*Inches*	**1**	**2**	**3**	**4**	**5**	∞
	Millimeters	25	51	76	102	127	∞

Non-Combustible

If **A** minimum is ____, then **B** maximum is_____.				
A	*Inches*	**0 thru 5-7/16**	**6-7/16**	**7-7/16**
	Millimeters	0-138	164	189
B	*Inches*	**4**	**5**	∞
	Millimeters	102	127	∞

Figure 5.5 Clearances to Mantel Legs or Wall Projections (Acceptable on both sides of opening.)

6 Termination Locations

A. Vent Termination Minimum Clearances

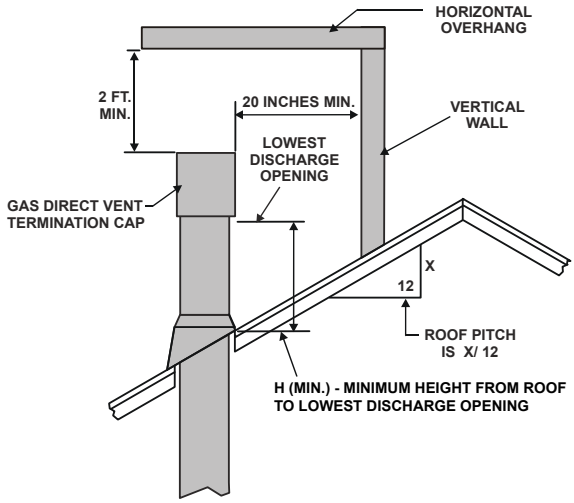
⚠ WARNING

Fire Risk.

Maintain vent clearance to combustibles as specified.

- **DO NOT** pack air space with insulation or other materials.

Failure to keep insulation or other materials away from vent pipe may cause overheating and fire.

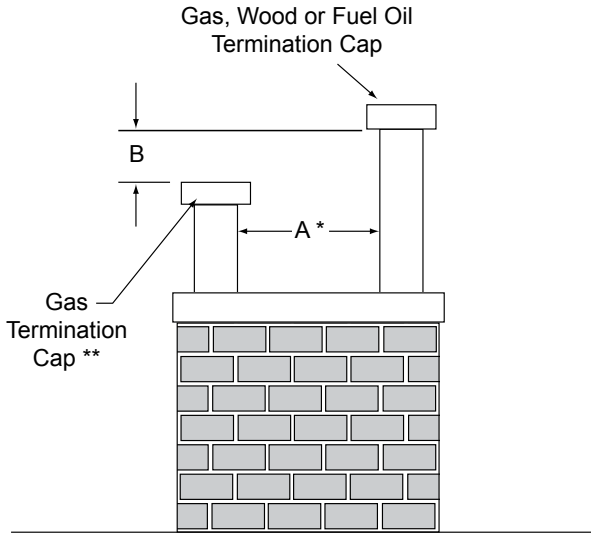


Roof Pitch	H (Min.) Ft.
Flat to 6/12	1.0*
Over 6/12 to 7/12	1.25*
Over 7/12 to 8/12	1.5*
Over 8/12 to 9/12	2.0*
Over 9/12 to 10/12	2.5*
Over 10/12 to 11/12	3.25
Over 11/12 to 12/12	4.0
Over 12/12 to 14/12	5.0
Over 14/12 to 16/12	6.0
Over 16/12 to 18/12	7.0
Over 18/12 to 20/12	7.5
Over 20/12 to 21/12	8.0

* 3 foot minimum in snow regions

Figure 6.1 Minimum Height From Roof To Lowest Discharge Opening

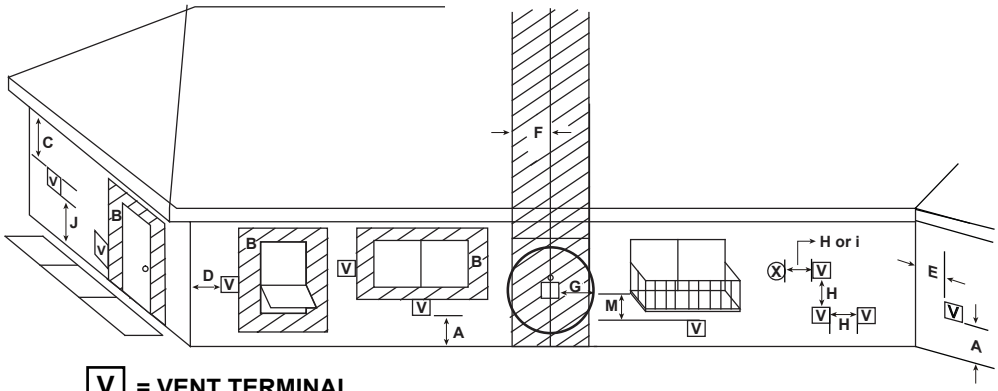
A	B
6 in. (minimum) up to 20 in. *152 mm/508 mm*	18 in. minimum *457 mm*
20 in. and over	0 in. minimum

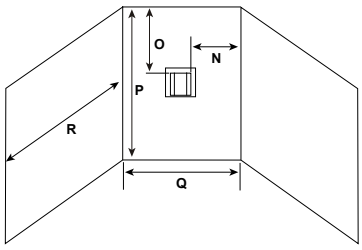


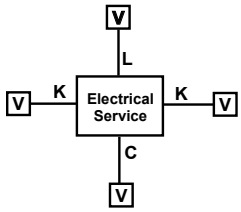
* If using decorative cap cover(s), this distance may need to be increased. Refer to the installation instructions supplied with the decorative cap cover.

** In a staggered installation with both gas and wood or fuel oil terminations, the wood or fuel oil termination cap must be higher than the gas termination cap.

Figure 6.2 Staggered Termination Caps







V = VENT TERMINAL

X = AIR SUPPLY INLET

= AREA WHERE TERMINAL IS NOT PERMITTED

A = 12 inches.....clearances above grade, veranda, porch, deck or balcony

B = 12 inches.....clearance to window or door that may be opened, or to permanently closed window

C = 18 inches.....clearance below unventilated soffit

18 inches.....clearance below ventilated soffit

30 inches.....clearance below vinyl soffits and electrical service

D = 9 inches.....clearance to outside corner

E = 6 inches.....clearance to inside corner

F = 3 ft. (Canada).....not to be installed above a gas meter/regulator assembly within 3 feet horizontally from the center-line of the regulator

G = 3 ft.....clearance to gas service regulator vent outlet

H = 9 inches (U.S.A)

12 inches (Canada). clearance to non-mechanical (unpowered) air supply inlet, combustion air inlet or direct-vent termination

i = 3 ft. (U.S.A.)

6 ft. (Canada).....clearance to a mechanical (powered) air supply inlet

All mechanical air intakes within 10 feet of a termination cap must be a minimum of 3 feet below termination.

J = 7 ft. ..... On **public** property: clearance above paved sidewalk or a paved driveway.

A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings.

K = 6 inches.....clearance from sides of electrical service

L = 12 inches.....clearance above electrical service

Location of the vent termination must not interfere with access to the electrical service.

M = 18 inches ..... clearance under veranda, porch, deck, balcony or overhang

42 inches .....vinyl or composite overhang

Permitted when veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor.

Figure 6.3 Minimum Clearances for Termination

Covered Alcove Applications

(Spaces open only on one side and with an overhang)

N = 6 inches ..... non-vinyl sidewalls

12 inches ..... vinyl sidewalls

O = 18 inches ..... non-vinyl soffit and overhang

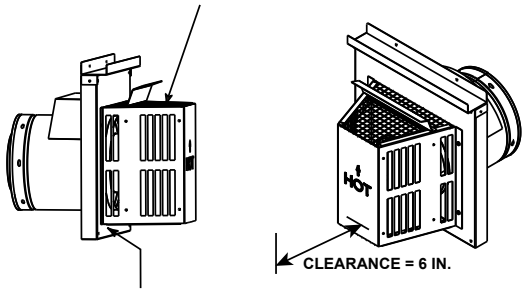
42 inches ..... vinyl soffit and overhang

P = 8 ft.

	Q_{MIN}	R_{MAX}
1 cap	3 feet	2 x Q_{ACTUAL}
2 caps	6 feet	1 x Q_{ACTUAL}
3 caps	9 feet	2/3 x Q_{ACTUAL}
4 caps	12 feet	1/2 x Q_{ACTUAL}

Q_{MIN} = # termination caps x 3 R_{MAX} = (2 / # termination caps) x Q_{ACTUAL}

Measure vertical clearances from this surface.



Measure horizontal clearances from this surface.

CAUTION! Risk of Burns! *Termination caps are HOT, consider proximity to doors, traffic areas or where people may pass or gather (sidewalk, deck, patio, etc.). Listed cap shields available. Contact your dealer.*

- Local codes or regulations may require different clearances.
- Vent system termination is **NOT** permitted in screened porches.
- Vent system termination is permitted in porch areas with two or more sides open.
- Hearth & Home Technologies assumes no responsibility for the improper performance of the appliance when the venting system does not meet these requirements.
- Vinyl protection kits are suggested for use with vinyl siding.

7 Vent Information and Diagrams

A. Approved Pipe

This appliance is approved for use with Hearth & Home Technologies DVP or SLP venting systems. Refer to Section 16B for vent component information.

DO NOT mix pipe, fittings or joining methods from different manufacturers.

The pipe is tested to be run inside an enclosed wall. There is no requirement for inspection openings at each joint within the wall.

WARNING! Risk of Fire or Asphyxiation. *This appliance requires a separate vent.* ***DO NOT*** *vent to a pipe serving a separate solid fuel burning appliance.*

B. Vent Table Key

The abbreviations listed in this vent table key are used in the vent diagrams.

Symbol	Description
V_1	First section (closest to appliance) of vertical length
V_2	Second section of vertical length
H_1	First section (closest to appliance) of horizontal length
H_2	Subsequent sections of horizontal length

C. Use of Elbows

Diagonal runs have both vertical and horizontal vent aspects when calculating the effects. Use the rise for the vertical aspect and the run for the horizontal aspect (see Figure 7.1).

Two 45º elbows may be used in place of one 90º elbow. On 45º runs, one foot of diagonal is equal to 8-1/2 in. (216 mm) horizontal run and 8-1/2 in. (216 mm) vertical run. A length of straight pipe is allowed between two 45º elbows (see Figure 7.1).

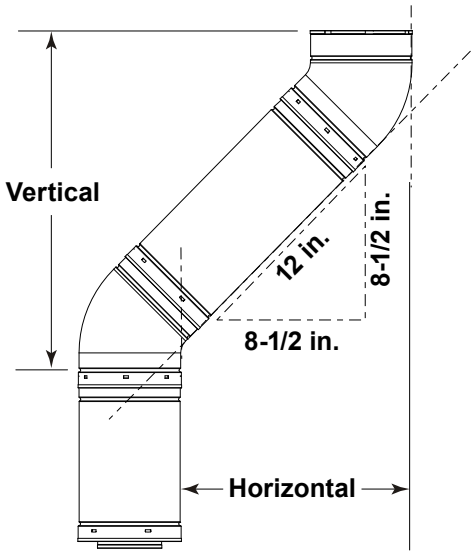
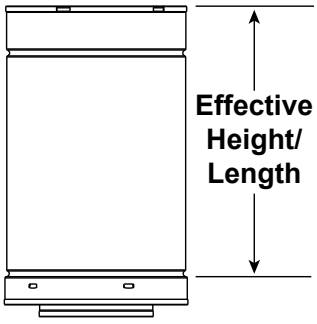


Figure 7.1

D. Measuring Standards

Vertical and horizontal measurements listed in the vent diagrams were made using the following standards.

- Pipe measurements are shown using the effective length of pipe (see Figure 7.2).
- Horizontal terminations are measured to the outside mounting surface (flange of termination cap) (see Figure 6.3).
- Vertical terminations are measured to bottom of termination cap.
- Horizontal pipe installed level with no rise.
- Horizontal termination cap should have a 1/4 inch downward slant to allow any moisture in cap to be released.



Pipe	Effective Length	
	Inches	Millimeters
DVP4	4	102
DVP6	6	152
DVP12	12	305
DVP24	24	610
DVP36	36	914
DVP48	48	1219
DVP6A	3 to 6	76 to 152
DVP12A	3 to 12	76 to 305

Figure 7.2 DVP Pipe Effective Length

E. Vent Diagrams

Top Vent - Horizontal Termination

Note: The 6000/8000 series fireplaces can adapt to SLP series vent pipe, if desired.

When venting off the top of the unit, use a DVP-2SL adapter and a minimum 48 inch vertical section of SLP series vent pipe.

A DVP-SLP24 adapter may also be used with a 24 inch vertical section of SLP series vent pipe.

After the 48 inch vertical section, the venting table rules must be followed. The first 48 inch **vertical** section is NOT counted as part of the vertical components in the table. It is still counted as part of the overall maximum run. All venting table rules for the vent run must still be followed.

Example: DVP pipe 3 ft. min. vertical = 11 ft. max. horizontal
SLP pipe 7 ft. min. vertical = 11 ft. max. horizontal

⚠ WARNING



Fire Risk. Explosion Risk.

Do NOT pack insulation or other combustibles between ceiling firestops.

- ALWAYS maintain specified clearances around venting and firestop systems.
- Install wall shield and ceiling firestops as specified.

Failure to keep insulation or other material away from vent pipe may cause fire.

⚠ WARNING



Fire Risk.

- When using DVP-HRC-SS and DVP-HRC-ZC-SS termination caps on top vented fireplaces, a 6 inch minimum vertical vent section is required before installing first elbow.

Top Vent - Horizontal Termination

One Elbow

6000 MODELS			
V_1 Minimum		H_1 Maximum	
Elbow only		2 ft	610 mm
1 ft.	305 mm	3 ft.	914 mm
2 ft.	610 mm	6 ft.	1.8 m
3 ft.	914 mm	11 ft.	3.4 m
4 ft.	1.2 m	16 ft.	4.9 m
5 ft.	1.5 m	20 ft.	6.1 m
$V_1 + H_1$ = 40 ft. (12.2 m) Maximum H_1 = 20 ft. (6.1 m) Maximum			

8000 MODELS			
V_1 Minimum		H_1 Maximum	
Elbow only		1 ft	305 mm
1 ft.	305 mm	3 ft.	914 mm
2 ft.	610 mm	6 ft.	1.8 m
3 ft.	914 mm	11 ft.	3.4 m
4 ft.	1.2 m	16 ft.	4.9 m
5 ft.	1.5 m	20 ft.	6.1 m
$V_1 + H_1$ = 40 ft. (12.2 m) Maximum H_1 = 20 ft. (6.1 m) Maximum			

Note: For corner installations: A 6 inch (152 mm) section of straight pipe may need to be attached to the appliance before a 90º elbow, to allow the vent pipe to clear the top standoffs.

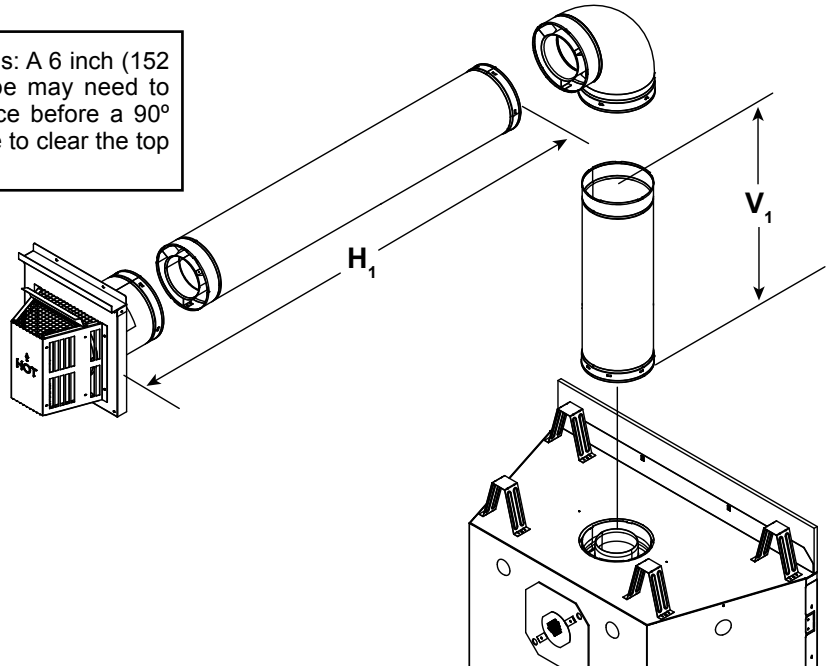


Figure 7.3

Top Vent - Horizontal Termination - (continued)

Two Elbows

Note: For corner installations: A 6 inch (152 mm) section of straight pipe may need to be attached to the appliance before a 90º elbow, to allow the vent pipe to clear the top standoffs.

6000CLX			
V_1 Minimum		$H_1 + H_2$ Maximum	
Elbow only		Not allowed	
6 in.	152 mm	1 ft.	305 mm
1 ft.	305 mm	2 ft.	610 mm
2 ft.	610 mm	4 ft.	1.2 m
3 ft.	914 mm	8 ft.	2.4 m
4 ft.	1.2 m	12 ft.	3.7 m
6 ft.	1.8 m	20 ft.	6.1 m
$V_1 + H_1 + H_2$ = 40 ft. (12.2 m) Maximum $H_1 + H_2$ = 20 ft. (6.1 m) Maximum			

8000CLX			
V_1 Minimum		$H_1 + H_2$ Maximum	
Elbow only		Not allowed	
6 in.	152 mm	Not allowed	
1 ft.	305 mm	2 ft.	610 mm
2 ft.	610 mm	4 ft.	1.2 m
3 ft.	914 mm	6 ft.	1.8 m
4 ft.	1.2 m	8 ft.	2.4 m
6 ft.	1.8 m	12 ft.	3.7 m
10 ft.	3 m	20 ft.	6.1 m
$V_1 + H_1 + H_2$ = 40 ft. (12.2 m) Maximum $H_1 + H_2$ = 20 ft. (6.1 m) Maximum V_1 = 1 ft. (305 mm) Minimum			

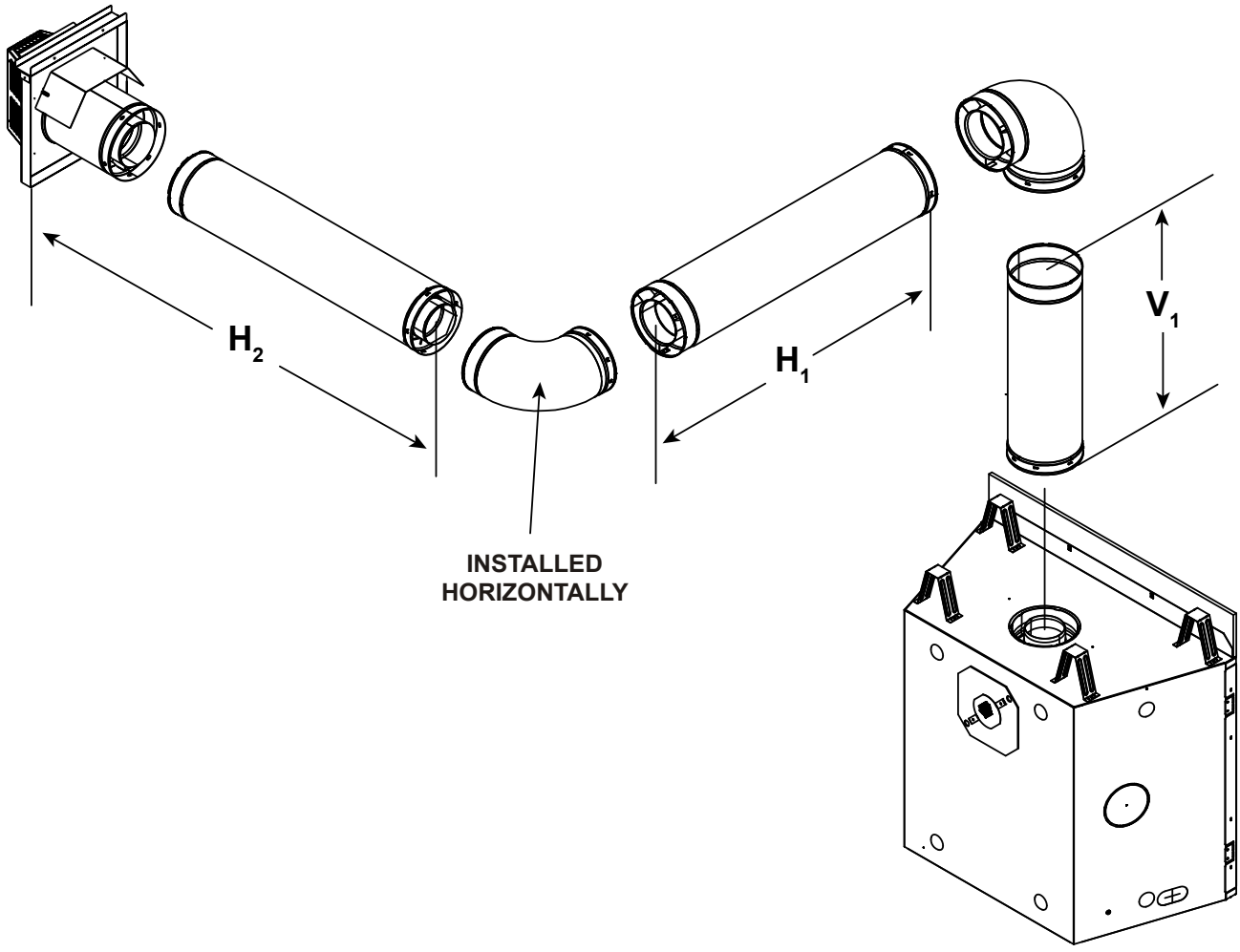


Figure 7.4

Three Elbows

V_1 Min.		H_1 Max.		V_2 Min.		H_2 Max.	
Elbow only		1 ft.	305 mm	0 in.	0 mm	1 ft.	305 mm
6 in.	152 mm	2 ft	610 mm	6 in.	152 mm	2 ft.	610 mm
1 ft.	305 mm	4 ft.	1.2 m	1 ft.	305 mm	4 ft.	1.2 m
2 ft.	610 mm	8 ft.	2.4 m	2 ft.	610 mm	8 ft.	2.4 m
3 ft.	914 mm	12 ft.*	3.7 m*	3 ft.	914 mm	12 ft.*	3.7 m*
4 ft.	1.2 m	16 ft *	4.9 m*	4 ft.	1.2 m	16 ft.*	4.9 m*
*$H_1 + H_2$ = 20 ft. (6.1 m) Maximum				$V_1 + V_2 + H_1 + H_2$ = 40 ft. (12.2 m) Maximum			

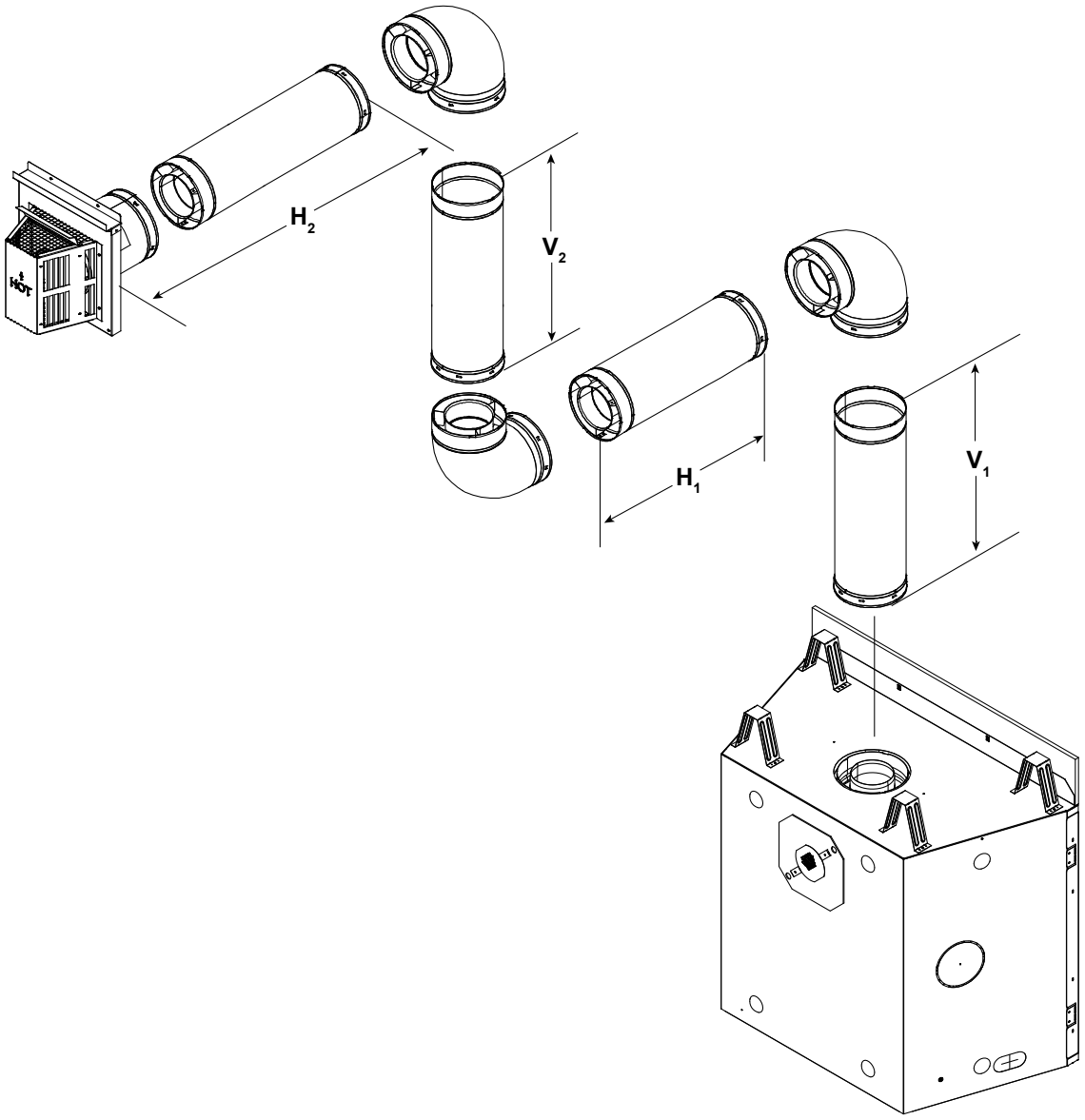


Figure 7.5

Top Vent - Vertical Termination

No Elbow

V_1 = 40 ft. Max. (12.4 m)
V_1 = 3 ft. Min. (914 mm)

Note: If installing a vertical vent/ termination off the top of the appliance, the flue restrictor should be used. See Figure 7.9.

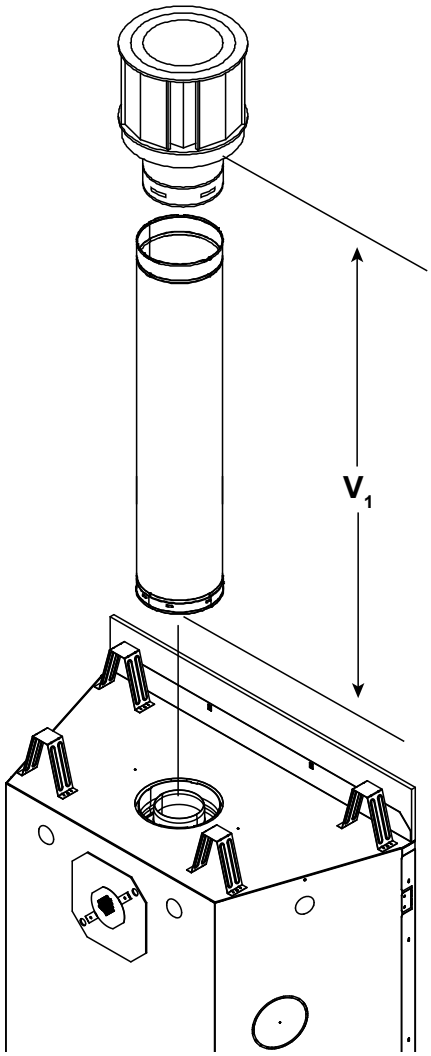


Figure 7.6

Flue Restrictor Instructions

1. Remove the top piece of refractory, if already installed. See Figure 7.7.
2. Orientate and align the two pieces of the flue restrictor as shown in Figure 7.9.

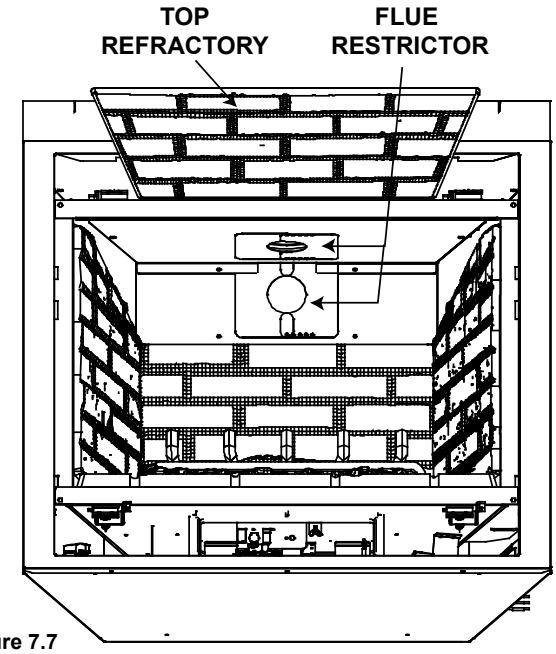


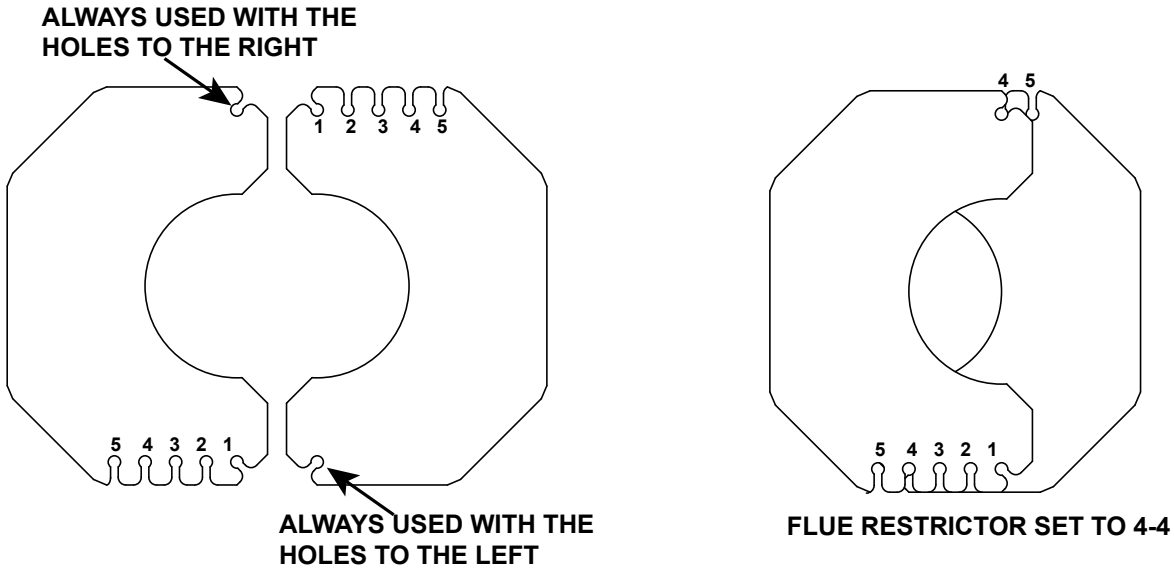
Figure 7.7

3. Match the amount of vertical you have in the system with the chart to find the appropriate position to set the flue restrictor. See Figure 7.8 and 7.9.
4. Center the two flue restrictor pieces on the vent at the setting selected in step 3 and secure in place by using two self-tapping screws. See Figure 7.7.
5. Reinstall the refractory.

Vertical	TOP VENT		REAR VENT	
	NG	LP	NG	LP
4 ft.	1-1	No Restrictor	No Restrictor	No Restrictor
8 ft.	2-2	1-2	1-1	No Restrictor
15 ft.	3-2	3-2	2-2	1-2
20 ft.	3-2	3-2	3-2	3-2
25 ft.	3-2	3-2	3-2	3-2
30 ft.	3-3	3-3	3-3	3-3
35 ft.	3-4	3-4	3-4	3-3
40 ft.	3-4	3-4	3-4	3-4

Figure 7.8

Top Vent - Vertical Termination (continued)

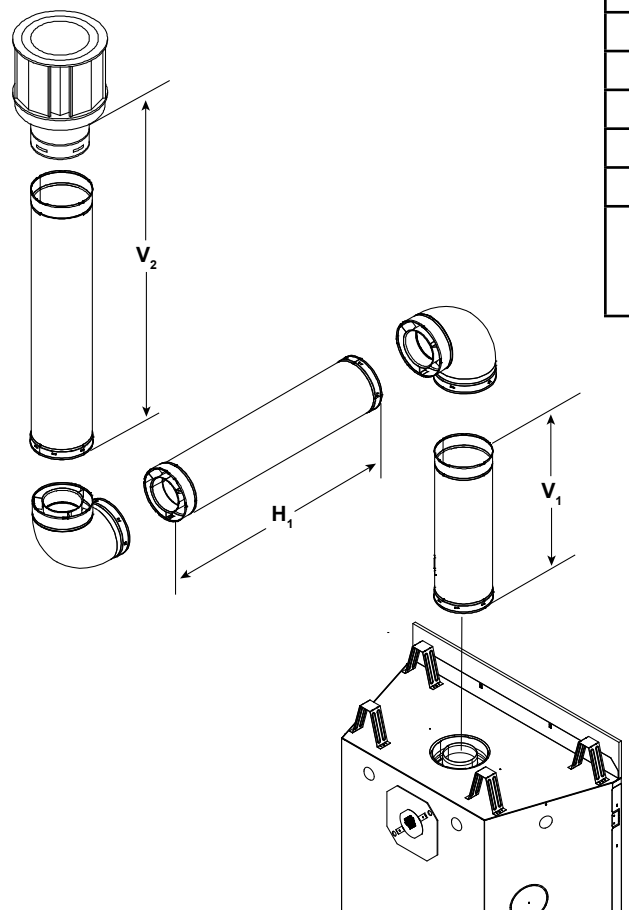


Note: If the DVP-2SL or DVP-SLP24 adapter is used with SLP pipe, you MUST subtract one number from the table in Figure 7.8.

Example: Top vent 40 ft vertical with DVP pipe = 3-4
Top vent 40 ft vertical with SLP pipe = 2-3

Figure 7.9. Setting the Flue Restrictor

Two Elbows



V_1		H_1 Maximum		V_2	$V_1 + V_2$ Min.	
Elbow only		2 ft.	610 mm	*	*	*
6 in.	152 mm	6 ft.	1.8 m	*	*	*
2 ft.	610 mm	11 ft.	3.4 m	*	*	*
3 ft.	914 mm	16 ft.	4.9 m	*	*	*
4 ft.	1.2 m	20 ft.	6.1 m	*	*	*

$V_1 + V_2 + H_1$ = 50 ft. (15.2 m) Maximum
*No specific restrictions on this value EXCEPT
$V_1 + V_2 + H_1$ cannot exceed 50 ft (15.2 m)

Figure 7.10

Three Elbows

V_1		$H_1 + H_2$		V_2	$V_1 + V_2$ Minimum		$H_1 + H_2$ Maximum	
Elbow only		1 ft.	305 mm	*	*	*	1 ft.	305 mm
6 in.	152 mm	2 ft.	610 mm	*	*	*	2 ft.	610 mm
1 ft.	305 mm	2 ft.	610 mm	*	*	*	2 ft.	610 mm
2 ft.	610 mm	4 ft.	1.2 m	*	*	*	4 ft.	1.2 m
3 ft.	914 mm	9 ft.	2.7 m	*	*	*	9 ft.	2.7 m
4 ft.	1.2 m	18 ft.	5.5 m	*	*	*	18 ft.	5.5 m

$H_1 + H_2$ = 20 ft. (6.1 m) Maximum $V_1 + V_2 + H_1 + H_2$ = 40 ft. (12.2 m) Maximum

* No specific restrictions on this value EXCEPT $V_1 + V_2 + H_1 + H_2$ cannot exceed 40 ft. (12.2 m).

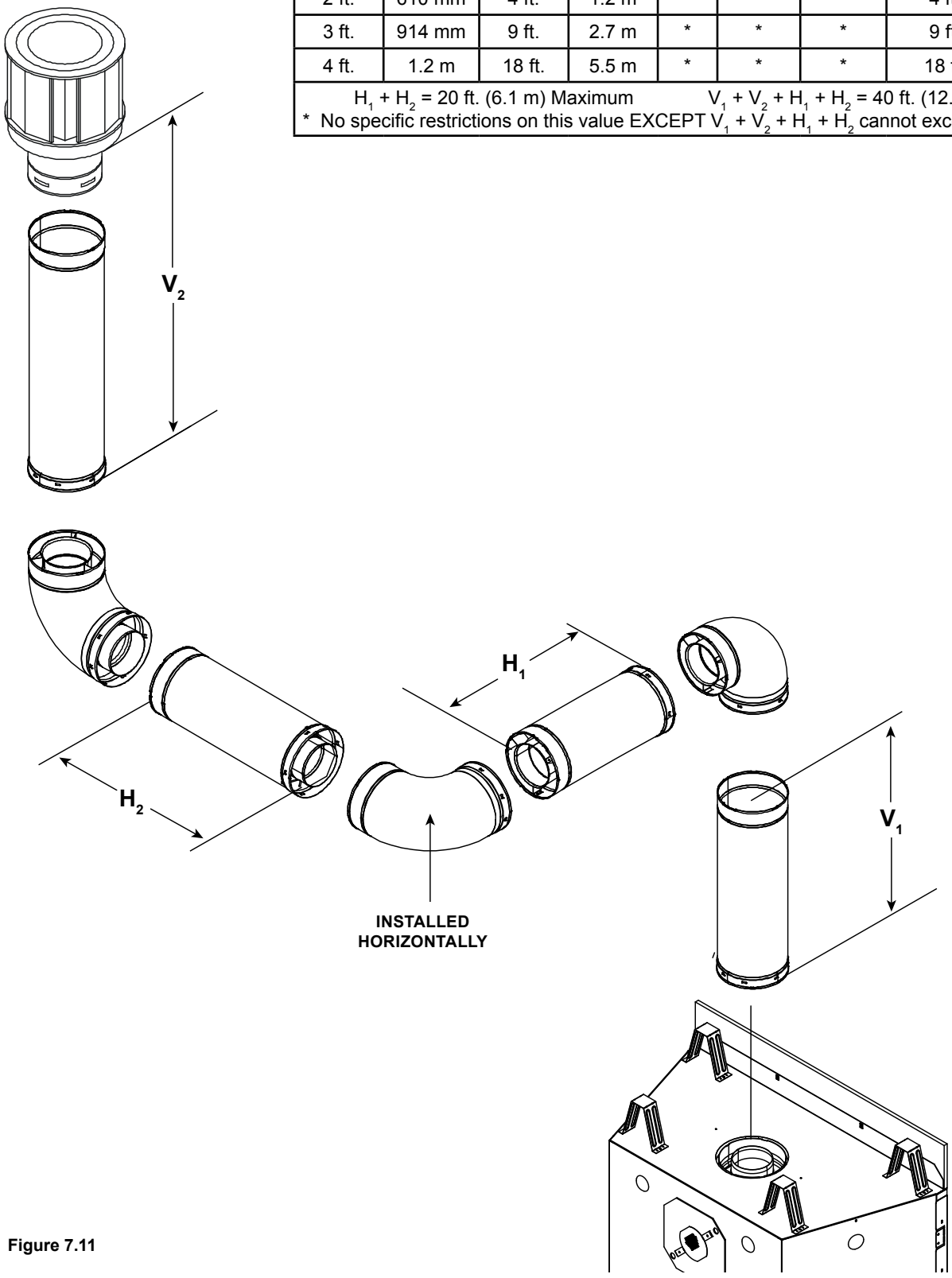


Figure 7.11

Rear Vent - Horizontal Termination

No Elbow

H_1 Maximum	
6000CLX	16 in. (406 mm)
8000CLX	12 in. (305 mm)

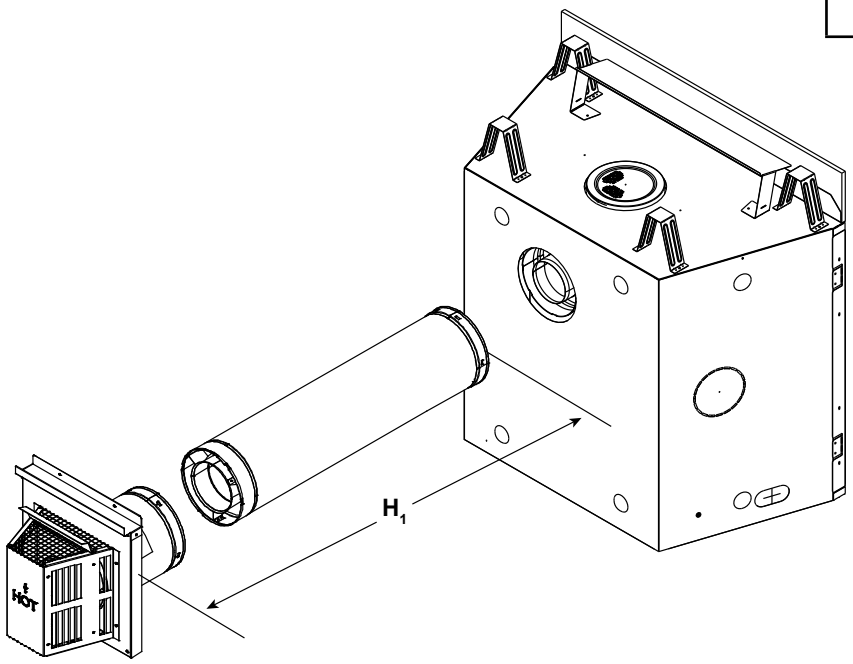


Figure 7.12

One 45º Elbow

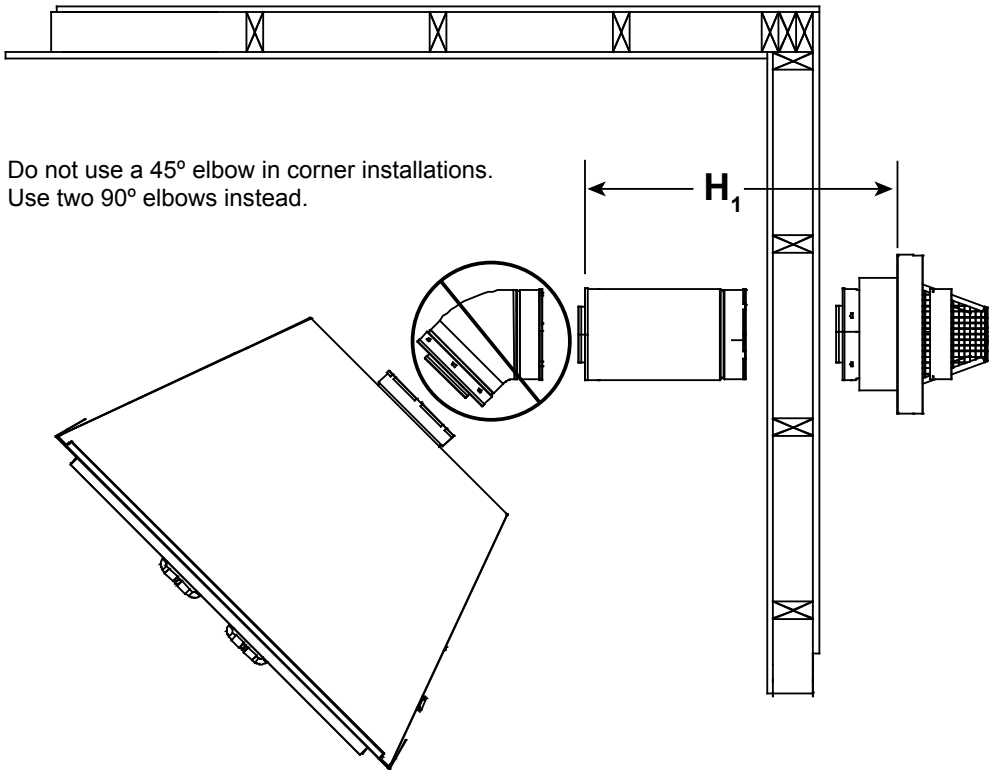


Figure 7.13

Two Elbows

H_1 Maximum		V_1 Minimum		H_2		$H_1 + H_2$ Maximum	
6 in.	152 mm	Back to Back 90º Elbows		1 ft.	305 mm	1.5 ft	457 mm
1 ft.	305 mm	6 in.	152 mm	1.5 ft.	457 mm	2.5 ft.	762 mm
2 ft.	610 mm	1 ft.	305 mm	2 ft.	610 mm	4 ft.	1.2 m
3 ft.	914 mm	2 ft.	610 mm	3 ft.	914 mm	6 ft.	1.8 m
3 ft.	914 mm	3 ft.	914 mm	7 ft.	2.1 m	10 ft.	3.0 m
3 ft.	914 mm	4 ft.	1.2 m	12 ft.	3.7 m	15 ft.	4.6 m
3 ft.	914 mm	5 ft	1.5 m	17 ft.	5.2 m	20 ft.*	6.1 m*
$V_1 + H_1 + H_2$ = 40 ft. (12.2 m) Maximum H_1 = 3 ft. (914 mm) Maximum *$H_1 + H_2$ = 20 ft (6.1 m) Maximum							

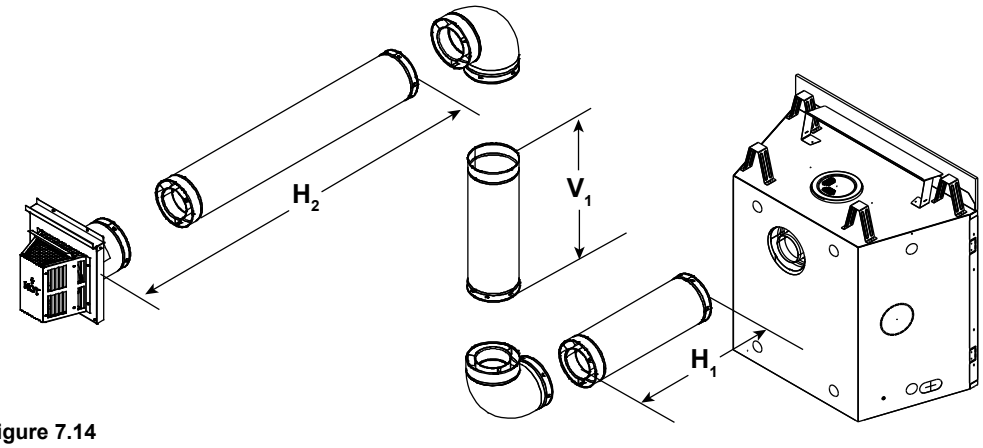


Figure 7.14

Three Elbows

H_1 Maximum		V_1 Minimum		$H_2 + H_3$		$H_1 + H_2 + H_3$ Max.	
0 ft.	0 mm	Back to Back 90º Elbows		1 ft.	305 mm	1 ft.	305 mm
1 ft.	305 mm	6 in.	152 mm	1.5 ft.	457 mm	2.5 ft.	762 mm
2 ft.	610 mm	1 ft.	305 mm	2 ft.	610 mm	4 ft.	1.2 m
3 ft.	914 mm	2 ft.	610 mm	3 ft.	914 mm	6 ft.	1.8 m
3 ft.	914 mm	3 ft.	914 mm	7 ft.	2.1 m	10 ft.	3.0 m
3 ft.	914 mm	4 ft.	1.2 m	12 ft.	3.7 m	15 ft.	4.6 m
3 ft.	914 mm	5 ft.	1.5 m	17 ft.	5.2 m	20 ft.	6.1 m
$V_1 + H_1 + H_2 + H_3$ = 40 ft. (12.2 m) Maximum H_1 = 3 ft. (914 mm) Maximum $H_1 + H_2 + H_3$ = 20 ft. (6.1 m) Maximum							

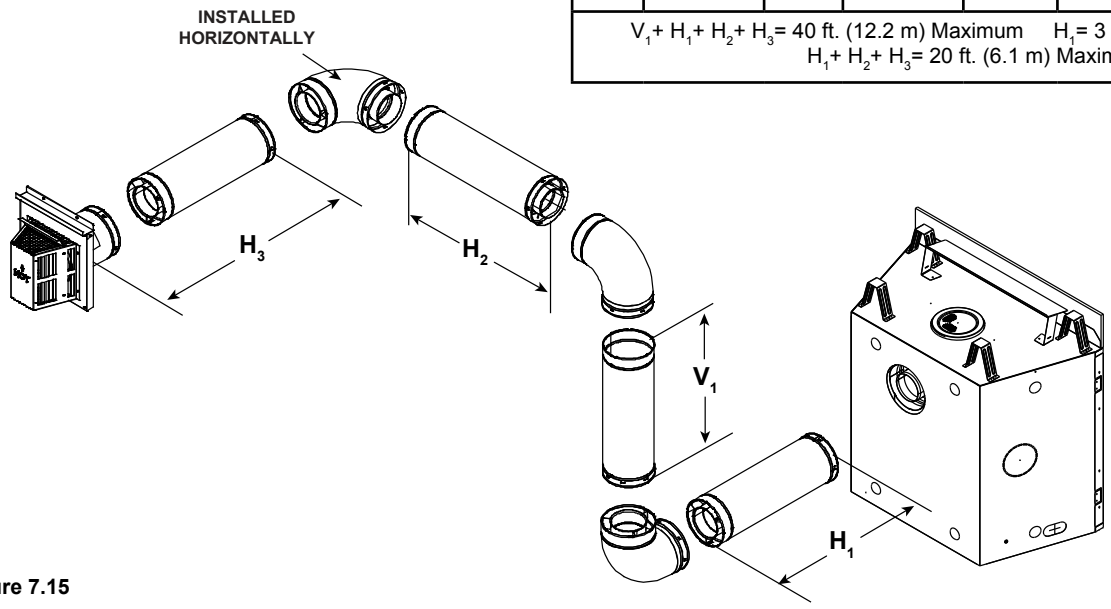


Figure 7.15

Rear Vent - Vertical Termination

One Elbow

V_1 Minimum		H_1 Maximum	
6 in.	152 mm	2 ft.	610 mm
1 ft.	305 mm	3 ft.	914 mm
2 ft.	610 mm	5 ft.	1.5 m
3 ft.	914 mm	7 ft.	2.1 m
4 ft.	1.2 m	8 ft.	2.4 m
5 ft.	1.5 m	8 ft.	2.4 m
$V_1 + H_1$ = 40 ft. (12.2 m) Maximum H_1 = 8 ft. (2.4 m) Maximum			

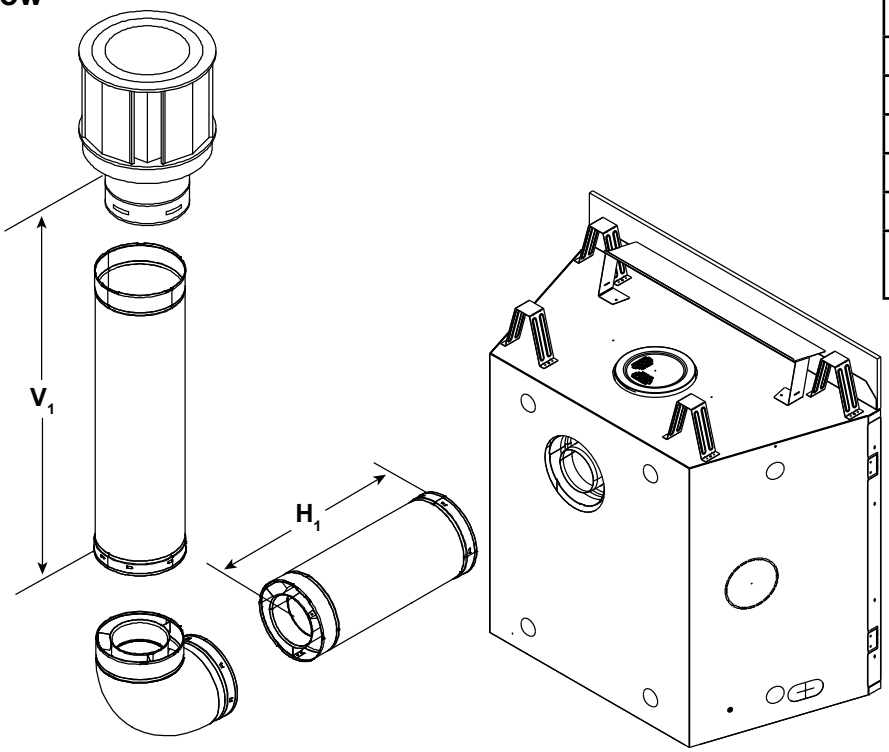


Figure 7.16

Two Elbows

V_1 Minimum		$H_1 + H_2$ Maximum	
Back to Back 90º Elbows		3 ft.	914 mm
2 ft.	610 mm	6 ft.	1.8 m
4 ft.	1.2 m	9 ft.	2.7 m
6 ft.	1.8 m	12 ft.	3.7 m
8 ft.	2.4 m	15 ft.	4.6 m
$V_1 + H_1 + H_2$ = 40 ft. (12.2 m) Maximum $H_1 + H_2$ = 15 ft. (4.6 m) Maximum			

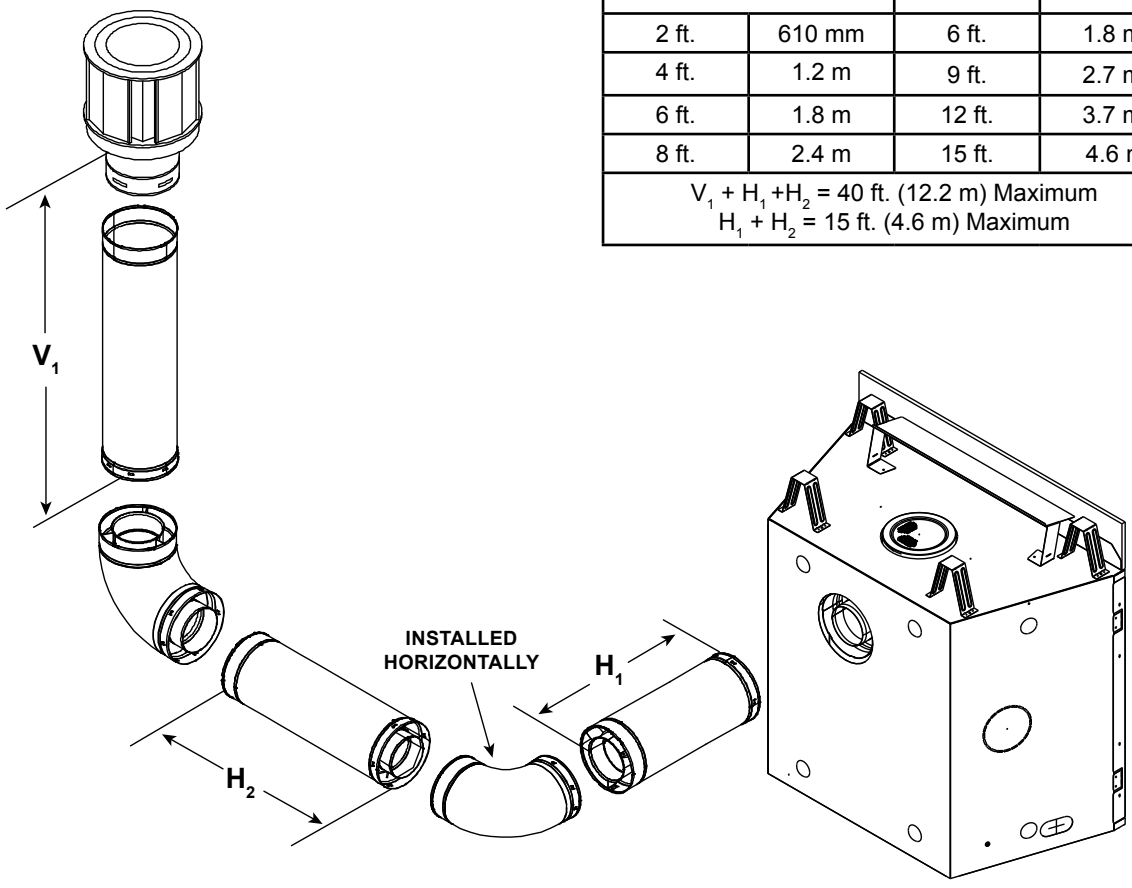


Figure 7.17

Three Elbows

H_1 Maximum		V_1 Minimum		H_2		$H_1 + H_2$ Maximum	
2 ft.	610 mm	6 in.	152 mm	2 ft.	610 mm	4 ft.	1.2 m
3 ft.	914 mm	1 ft.	305 mm	4 ft.	1.2 m	7 ft.	2.1 m
5 ft.	1.5 m	2 ft.	610 mm	6 ft.	1.8 m	11 ft.	3.4 m
7 ft.	2.1 m	3 ft.	914 mm	8 ft.	2.4 m	15 ft.	4.6 m
8 ft	2.4 m	4 ft.	1.2 m	10 ft.	3.1 m	18 ft.	5.5 m
H_1= 8 ft (2.4 m) Max. $V_1 + V_2 + H_1 + H_2$= 40 ft (12.2 m) Max. $H_1 + H_2$ = 20 ft (6.1 m) Max.							

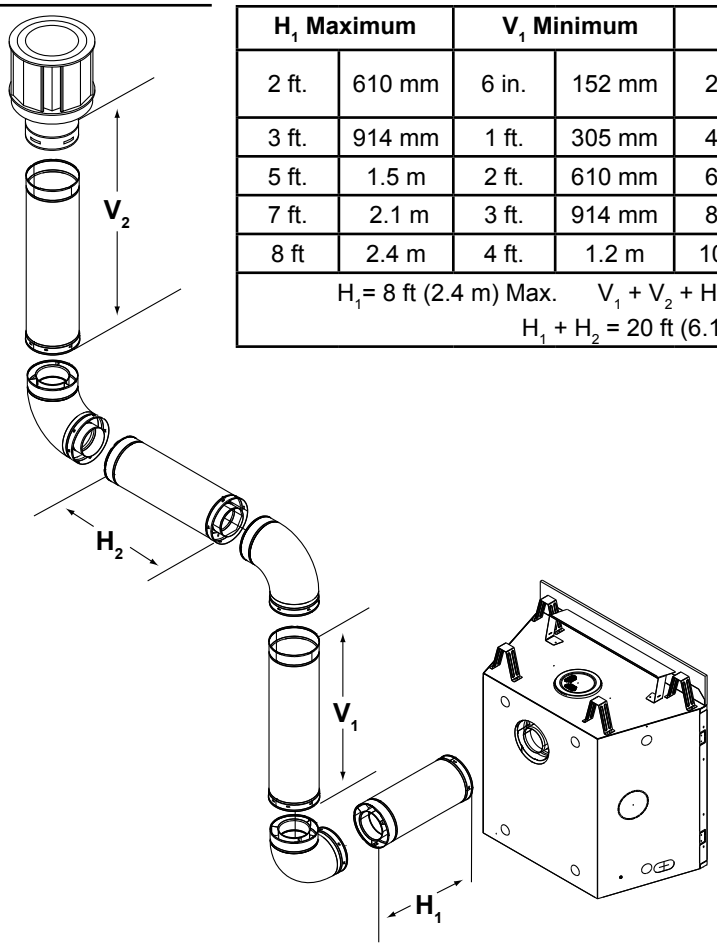


Figure 7.18

Three Elbows

H_1	H_2	H_3	V_1 Minimum		$H_1 + H_2 + H_3$ Maximum	
*	*	*	8 ft.	2.4 m	6 ft.	1.8 m
*	*	*	9 ft.	2.7 m	7 ft.	2.1 m
*	*	*	10 ft.	3.1 m	8 ft.	2.4 m
*	*	*	10 ft.	3.1 m	8 ft.	2.4 m
$V_1 + H_1 + H_2 + H_3$ = 40 ft. (12.2 m) Maximum *No specific restrictions on this value EXCEPT $V_1 + H_1 + H_2 + H_3$ cannot exceed 40 ft. (12.2 m) Maximum $H_1 + H_2 + H_3$ = 8 ft. (2.4 m) Maximum						

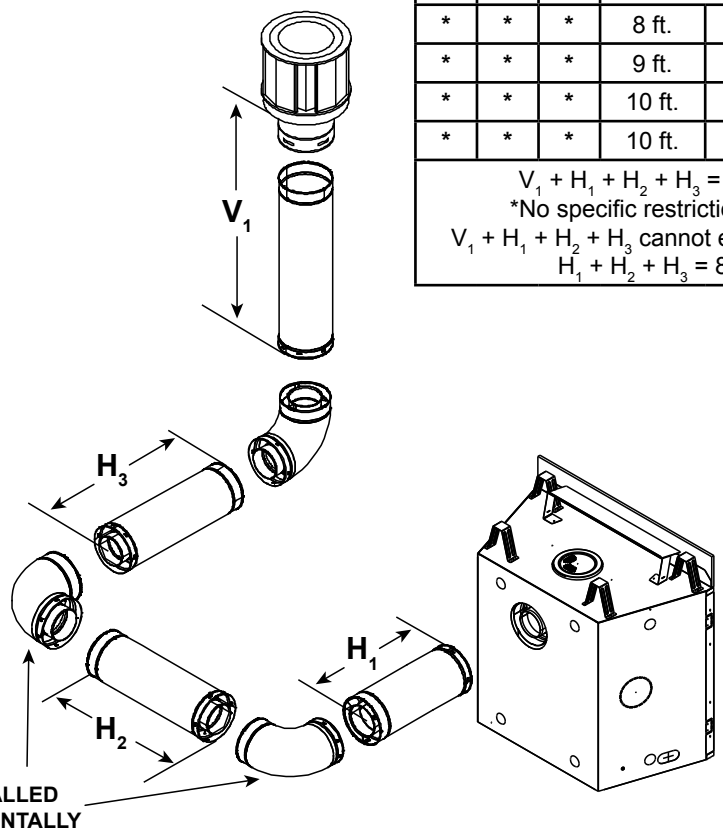


Figure 7.19

8 Vent Clearances and Framing

A. Pipe Clearances to Combustibles

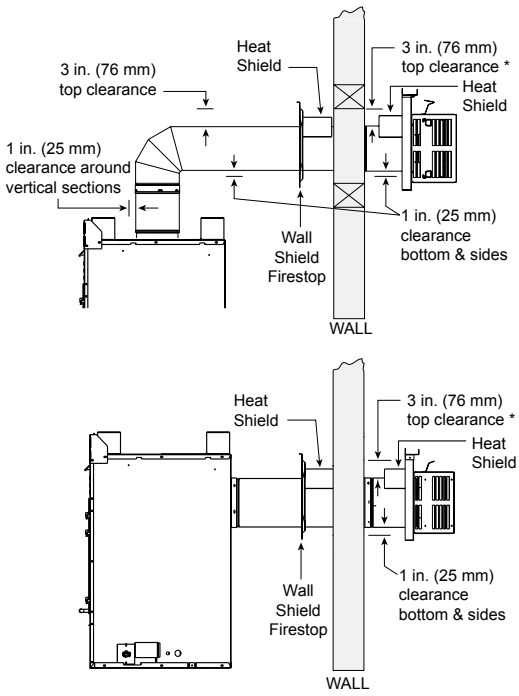
WARNING! Risk of Fire! *Maintain air space clearance to vent.* ***DO NOT*** *pack insulation or other combustibles:*

- *Between ceiling firestops*
- *Between wall shield firestops*
- *Around vent system*

Failure to keep insulation or other material away from vent pipe may cause over heating and fire.

Note: Heat shields MUST overlap by a minimum of 1-1/2 in. (38 mm).
- **DVP heat shield** - designed to be used on a wall 4 in. to 7-1/4 in. (102 mm to 184 mm) thick.
- If wall thickness is less than 4 in. the existing heat shields must be field trimmed. If wall thickness is greater than 7-1/4 in. a DVP-HSM-B will be required.
- **SLP heat shield** - designed to be used on a wall 4-3/8 in. to 7-5/8 in. (111 mm to 194 mm thick).
- If wall thickness is less than 4-3/8 the existing heat shields must be field trimmed. If wall thickness is greater than 7-5/8 in. a DVP-HSM-B will be required.

(DVP-SLP Pipe Shown)



* When using SLP pipe, minimum clearances from the vent pipe to combustible materials at inside wall firestops are: Top: 2-1/2 in. (64 mm); Bottom: 1/2 in. (13 mm); Sides: 1 in. (25 mm)

Figure 8.1 Horizontal Venting Clearances To Combustible Materials

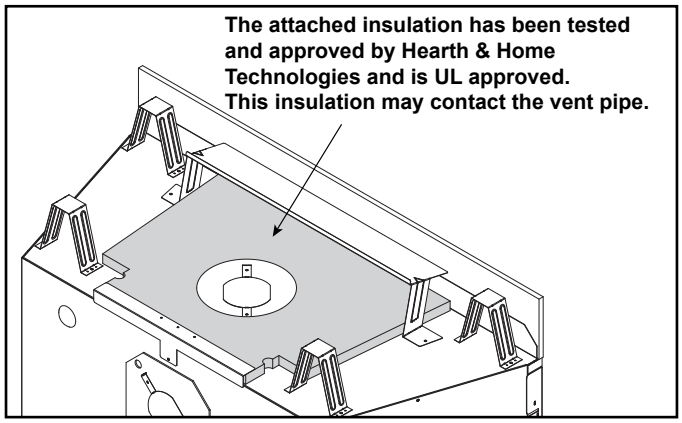


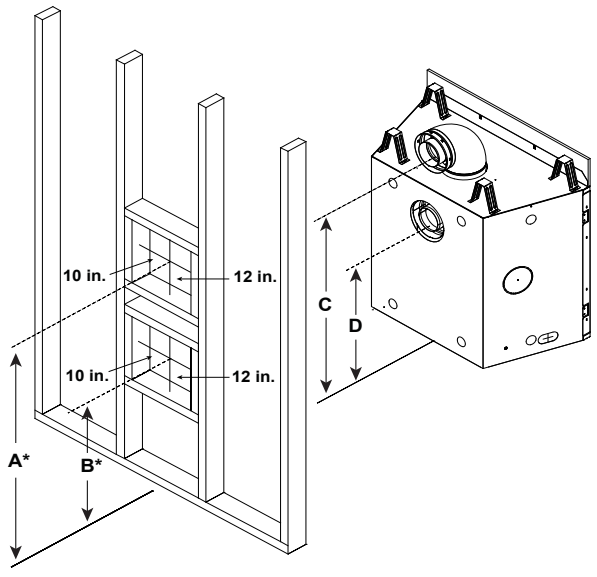
Figure 8.2 8000CLX Top Insulation

B. Wall Penetration Framing

Combustible Wall Penetration

Whenever a combustible wall is penetrated, you must frame a hole for the wall shield firestop(s). The wall shield firestop maintains minimum clearances and prevents cold air infiltration.

- The opening must be framed on all four sides using the same size framing materials as those used in the wall construction.
- SLP pipe - A wall shield firestop must be placed on each side of an interior wall. A minimum 1-1/2 in. (38 mm) overlap of attached heat shields must be maintained.
- DVP pipe - A wall shield firestop is required on one side



		A*	B*	C	D
6000	in.	42-3/4	27-7/8	41-3/4	26-7/8
	mm	1086	708	1060	683
8000	in.	45-1/8	29-7/8	44-1/8	28-7/8
	mm	1146	759	1111	733

* Shows center of vent framing hole for top or rear venting. The center of the hole is one (1) in. (25.4 mm) above the center of the horizontal vent pipe.

Figure 8.3 Wall Penetration

only on interior walls. If your local inspector requires a wall shield firestop on both sides, then both wall shield firestops must have a heat shield (refer to Section 16.B.) attached to them.

- See Section 10.M. for information for regarding the installation of a horizontal termination cap.

Non-Combustible Wall Penetration

If the hole being penetrated is surrounded by noncombustible materials such as concrete, a hole with diameter one inch greater than the pipe is acceptable.

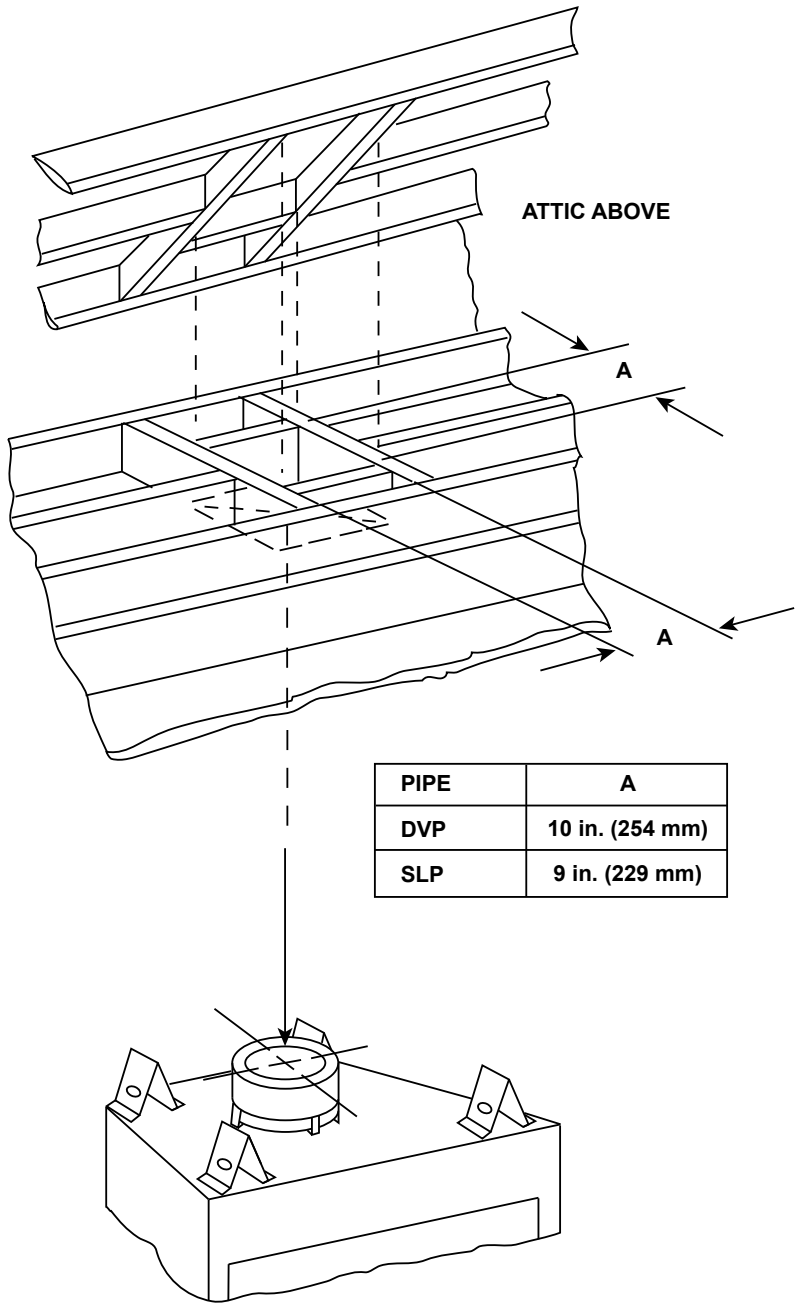
Whenever a non-combustible wall is penetrated, the wall shield firestop is only required on one side and no heat shield is necessary.

C. Install the Ceiling Firestop

A ceiling firestop **MUST** be used between floors and attics.

- **DVP pipe only** - Frame an opening 10 in. by 10 in. (254 mm by 254 mm) whenever the vent penetrates a ceiling/floor (see Figure 8.4).
- **SLP pipe only** - Frame opening 9 in. x 9 in. (229 mm x 229 mm) whenever the vent penetrates a ceiling/floor (see Figure 8.4).
- Frame the area with the same sized lumber as used in ceiling/floor joist.
- The ceiling firestop may be installed above or below the ceiling joists when installed with a attic insulation shield. It must be under joists between floors that are not insulated. Refer to Figure 8.5.
- Secure with three fasteners on each side.

WARNING! Risk of Fire! DO NOT pack insulation around the vent. Insulation must be kept back from the pipe to prevent overheating.



PIPE	A
DVP	10 in. (254 mm)
SLP	9 in. (229 mm)

Figure 8.4 Installing Ceiling Firestop

D. Install Attic Insulation Shield

***WARNING! Fire Risk. DO NOT** allow loose materials or insulation to touch vent. Hearth & Home Technologies requires the use of an attic shield.*

The International Fuel Gas Code requires an attic shield constructed of 26 gauge minimum steel that extends at least 2 in. (51 mm) above insulation.

- Attic insulation shields must meet specified clearances to combustible materials and be secured in place.
- An attic insulation shield kit is available from Hearth & Home Technologies. Contact your dealer to order. Install attic insulation shield according to instructions included with kit.

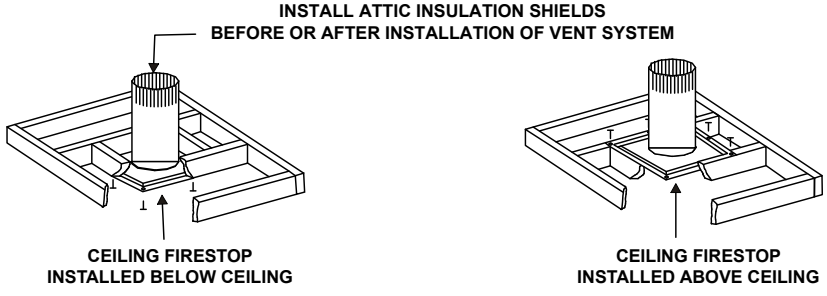


Figure 8.5 Installing the Attic Shield

E. Installing the Optional Heat-Zone® Gas Kit

- Remove the knockout from the fireplace and discard it See Figure 8.6.
- Center the duct collar around the exposed hole and attach it to the fireplace with 3 screws. Note: Do this BEFORE final positioning of fireplace.
- Determine the location for the air register/fan housing assembly.

Reference the Heat-Zone® Gas kit instructions for the remaining installation steps.

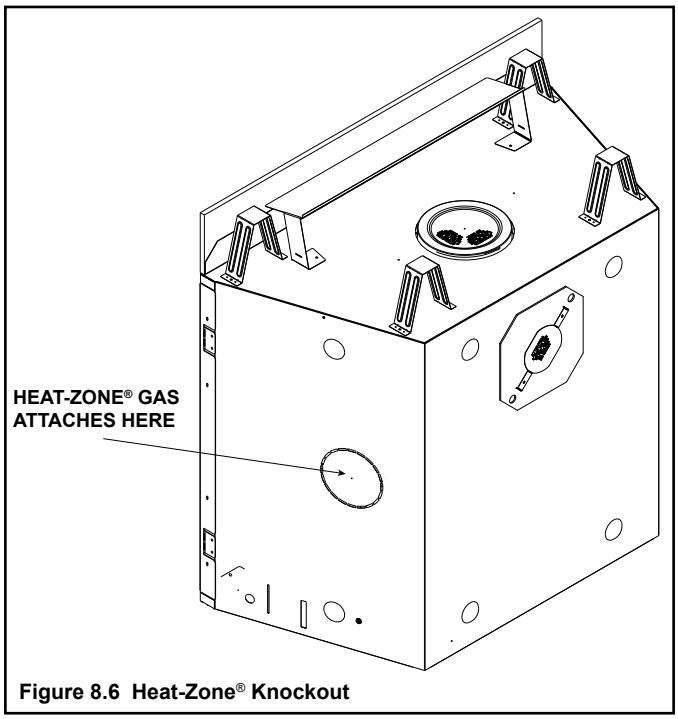


Figure 8.6 Heat-Zone® Knockout

9 Appliance Preparation

A. Top Vent

CAUTION! Risk of Cuts, Abrasions or Flying Debris. *Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.*

NOTICE: *Once appliance is set up for top or rear venting, it CANNOT be changed at a later time.*



Figure 9.1 Cut the seal cap strap across the rectangles next to the disk. For rear vent, skip this step.



Figure 9.2 Remove the white gasket material covering the seal cap.



Figure 9.3 Remove the seal cap.

NOTICE: *Once the seal cap has been removed it CANNOT be reattached.*



Figure 9.4 Remove the insulation basket and white insulation from the center vent pipe.



Figure 9.5 Remove the insulation from the outer vent pipe. For rear venting there is no insulation in the outer vent pipe.



Figure 9.6 To attach the first section of vent pipe, make sure to use the fiberglass gasket in the manual bag to seal between the first vent component and the outer fireplace wrap. Caulk with a minimum of 300 ºF continuous exposure rating may be used to hold the part in place.

Secure the first section of venting to the fireplace by screwing through the two straps left over from cutting the seal cap strap in step 2.

B. Rear Vent

CAUTION! Risk of Cuts, Abrasions or Flying Debris. *Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.*

NOTICE: *Once appliance is set up for top or rear venting, it CANNOT be changed at a later time.*

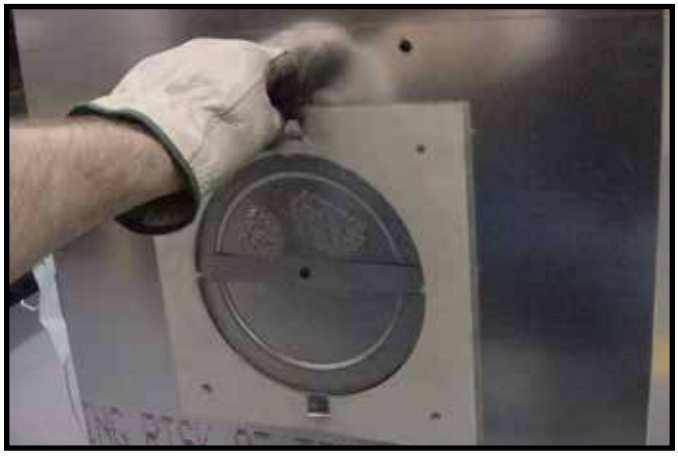


Figure 9.7 Fold the tabs toward the center of the seal cap (90º) and remove the insulation gasket.



Figure 9.8 Cut the metal retaining band and fold the sides out.



Figure 9.9 Fold the center parts of the retaining band out and use to remove the seal cap.

NOTICE: *Once the seal cap has been removed it CANNOT be reattached.*



Figure 9.10 Discard the vent cap, remove and discard the insulation basket.

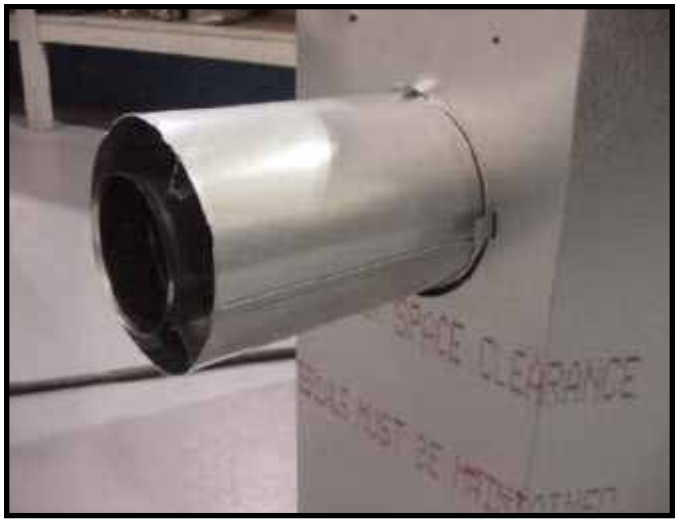


Figure 9.11 Attach the first vent section (it will snap into place). Slide the insulation gasket onto the vent section, up against the appliance and over the tabs.

C. Installing the Non-combustible Board

The factory supplied non-combustible board spans the distance from the top of the fireplace to the center of the framing header. This board must be used. See Figure 9.12.

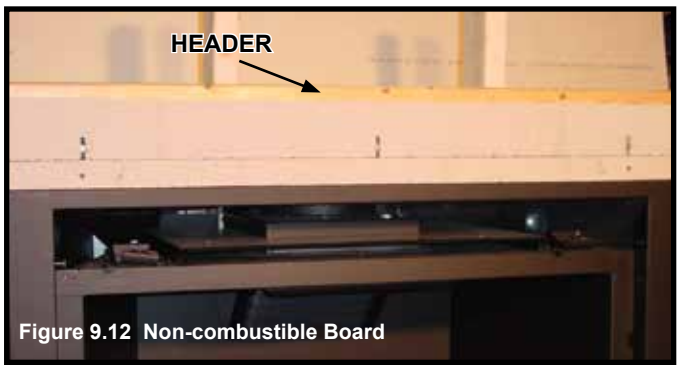


Figure 9.12 Non-combustible Board

D. Securing and Leveling the Appliance

WARNING! Risk of Fire! *Prevent contact with:*

- *Sagging or loose insulation*
- *Insulation backing or plastic*
- *Framing and other combustible materials*

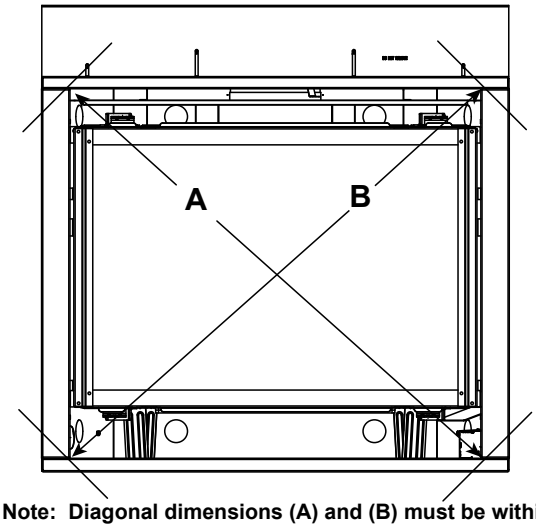
Block openings into the chase to prevent entry of blown-in insulation. Make sure insulation and other materials are secured.

DO NOT *notch the framing around the appliance standoffs.*

Failure to maintain air space clearance may cause overheating and fire.

The diagram shows how to properly position and secure the appliance (see Figure 9.15). Nailing tabs are provided to secure the appliance to the framing members.

- Bend out nailing tabs on each side.
- Place the appliance into position.
- Keep nailing tabs flush with the framing.
- Level the appliance from side to side and front to back.
- "Square" the unit by securing diagonal dimensions to within 1/4 inch of each other. See Figure 9.13.
- Shim the appliance as necessary. It is acceptable to use wood shims underneath the appliance.
- Secure the appliance to the framing by using nails or screws through the nailing tabs.
- Secure the appliance to the floor by inserting two screws through the pilot holes at the bottom of the appliance.



Note: Diagonal dimensions (A) and (B) must be within 1/4 inch of each other.

Figure 9.13 Positioning the Appliance Squarely

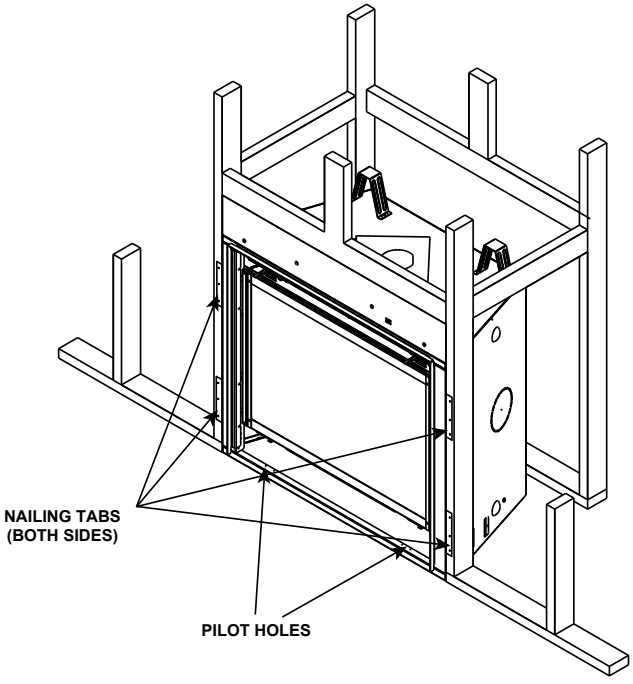


Figure 9.14 Proper Positioning and Securing of an Appliance

10 Installing Vent Pipe (DVP and SLP Pipe)

A. Assemble Vent Sections (DVP Pipe Only)

Attach Vent to the Firebox Assembly

Note: The end of the pipe sections with the lanced tabs will face toward the appliance.

Attach the first pipe section to the starting collar:

- Lanced pipe end to the starting collar
- Inner pipe over inner collar
- Push the pipe section until all lanced tabs snap in place
- Lightly tug on pipe to confirm it has locked.

Commercial, Multi-family (Multi-level exceeding two stories), or High-Rise Applications

All outer pipe joints must be sealed with silicone with a minimum of 300 ºF continuous exposure rating, including the slip section that connects directly to the horizontal termination cap.

- Apply a bead of silicone sealant inside the female outer pipe joint prior to joining sections. See Figure 10.1
- Only outer pipes need to be sealed. All unit collar, pipe, slip section, elbow and cap outer flues shall be sealed in this manner, unless otherwise stated.

***WARNING! Risk of Fire or Explosion! DO NOT** break silicone seals on slip sections. Use care when removing termination cap from slip pipe. If slip section seals are broken during removal of the termination cap, vent may leak.*

Assemble Pipe Sections

Per Figure 10.2:

- Start the inner pipe on the lanced end of section A into the flared end of section B.
- Start the outer pipe of section A over the outer pipe of section B.
- Once both vents sections are started, push firmly until all lanced tabs lock into place.
- Lightly tug on the pipe to confirm the tabs have locked.

It is acceptable to use screws no longer than 1/2 in. (13 mm) to hold outer pipe sections together. If predrilling holes, **DO NOT** penetrate inner pipe.

For 90º and 45º elbows that are changing the vent direction from horizontal to vertical, one screw minimum should be put in the outer flue at the horizontal elbow joint to prevent the elbow from rotating. Use screws no longer than 1/2 in. (13 mm). If predrilling screw holes, **DO NOT** penetrate inner pipe.



Figure 10.1 High Temperature Silicone Sealant

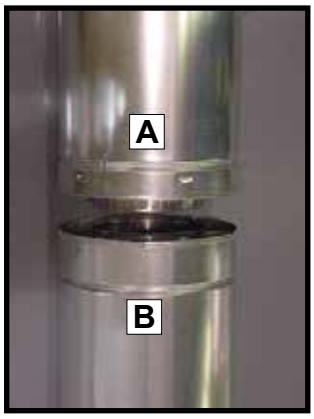
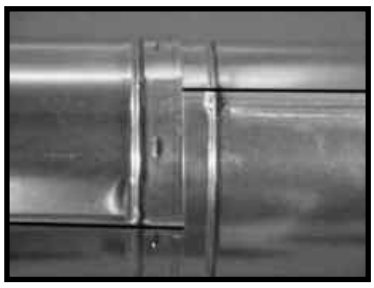


Figure 10.2



Figure 10.3

Note: Make sure that the seams are not aligned to prevent unintentional disconnection.



CORRECT

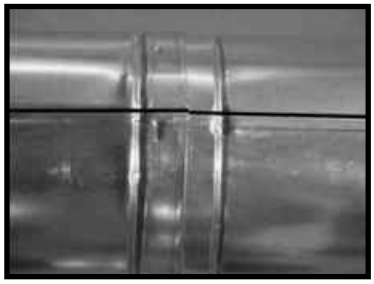


Figure 10.4 Seams **INCORRECT**

B. Assemble Vent Sections (SLP Pipe Only)

To attach the first vent component to the starting collars of the appliance:

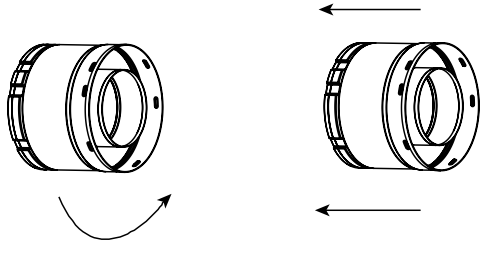
- Attach a DVP-2SL or DVP-SLP24 adapter to the starting collar of the appliance.
- Lock the vent components into place by sliding the pipe section onto the collar.
- Align the seam of the pipe and seam of collar to allow engagement. Rotate the vent component to lock into place. Use this procedure for all vent components. See Figure 10.5.
- Slide the gasket over the first vent section and place it flush to the appliance. This will prevent cold air infiltration. Caulk with a minimum of 300 ºF continuous exposure rating may be used to hold the part in place.
- Continue adding vent components, locking each succeeding component into place.
- Ensure that each succeeding vent component is securely fitted and locked into the preceding component.

Commercial, Multi-family (Multi-level exceeding two stories), or High-Rise Applications

For Installation into a commercial, multi-family (multi-level exceeding two stories) or high-rise applications: All outer pipe joints must be sealed with silicone with a minimum of 300 ºF continuous exposure rating, including the slip section that connects directly to the horizontal termination cap.

- Apply a bead of silicone sealant inside the female outer pipe joint prior to joining sections. See Figure 10.1.
- Only outer pipes need to be sealed. All unit collar, pipe, slip section, elbow and cap outer flues shall be sealed in this manner, unless otherwise stated.

***WARNING! Risk of Fire or Explosion! DO NOT** break silicone seals on slip sections. Use care when removing termination cap from slip pipe. If slip section seals are broken during removal of the termination cap, vent may leak.*



Note: Align seams to engage pipe, then rotate counterclockwise to lock

Figure 10.5 Adding Venting Components

C. Assemble Slip Sections

- Slide the inner flue of the slip section into the inner flue of the pipe section and the outer flue of the slip section over the outer flue of the pipe section. See Figure 10.6.
- Slide together to the desired length.

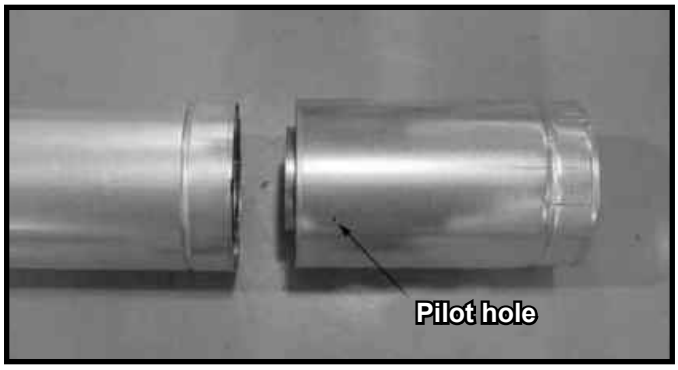


Figure 10.6 Slip Section Pilot Holes

- Maintain a 1-1/2 in. (38 mm) overlap between the slip section and the pipe section.
- Secure the pipe and slip section with two screws no longer than 1/2 in. (13 mm), using the pilot holes in the slip section. See Figure 10.7.

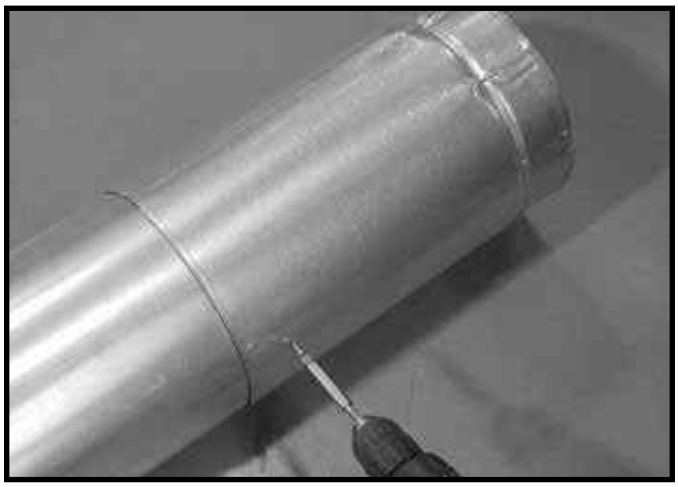


Figure 10.7 Screws into Slip Section

- Continue adding pipe as necessary following instructions in “Assembling Pipe Sections.”

***NOTICE:** If slip section is too long, the inner and outer flues of the slip section can be cut to the desired length.*

***NOTICE:** When installing a vent system with an HRC termination cap, all pipe system joints shall be sealed using a high temperature silicone sealant (300º F minimum continuous exposure rating).*

- *Apply a bead of silicone sealant inside the female outer pipe joint prior to joining sections.*
- *Only outer pipes are sealed, sealing the inner flue is not required.*
- *All unit collar, pipe, slip section, elbow and cap outer flues shall be sealed.*

D. Secure the Vent Sections

- Vertical runs originating off the top of the appliance, with no offsets, must be supported every 8 ft. (2.44 m) after the maximum allowed 25 ft. (7.62 m) of unsupported rise.
- Vertical runs originating off the rear of the appliance, or after any elbow, must be supported every 8 ft. (2.44 m).
- Horizontal runs must be supported every 5 feet (1.52 m).
- Vent supports or plumbers strap (spaced 120º apart) may be used to support vent sections. See Figures 10.8 and 10.9.
- Wall shield firestops may be used to provide horizontal support vent sections.
- SLP ceiling firestops have tabs that may be used to provide vertical support.

WARNING! Risk of Fire, Explosion or Asphyxiation! *Improper support may allow vent to sag and separate. Use vent run supports and connect vent sections per installation instructions.* ***DO NOT*** *allow vent to sag below connection point to appliance.*

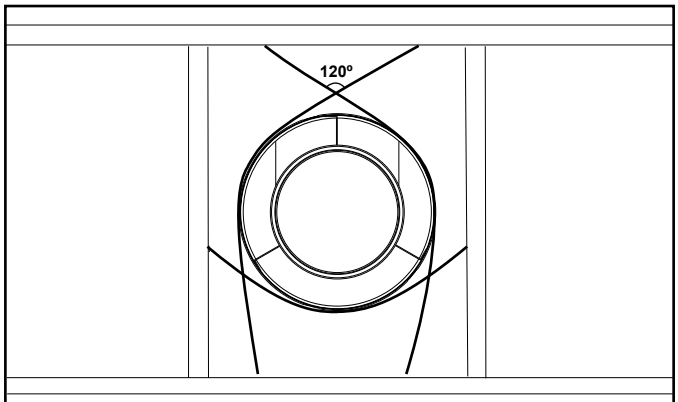


Figure 10.8 Securing Vertical Pipe Sections

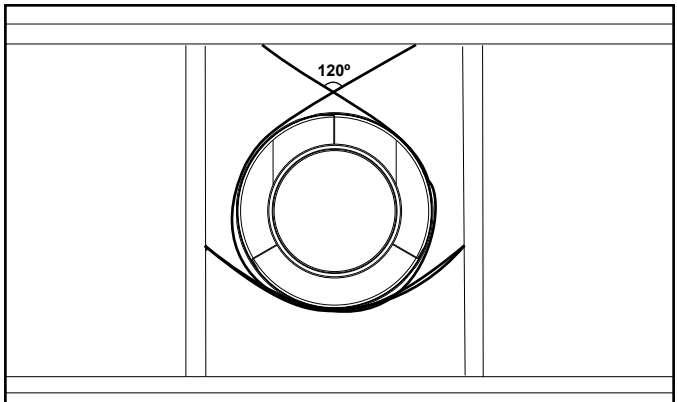


Figure 10.9 Securing Horizontal Pipe Sections

E. Disassemble Vent Sections

- Rotate either section (see Figure 10.10) so the seams on both pipe sections are aligned as shown in Figure 10.11.
- Pull carefully to separate the pieces of pipe.

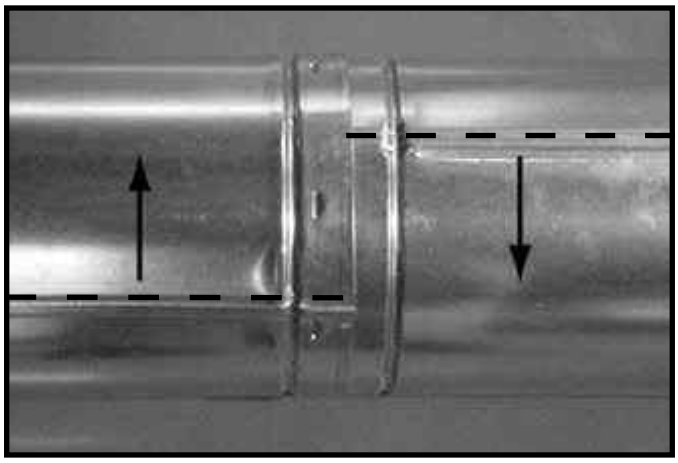


Figure 10.10 Rotate Seams for Disassembly

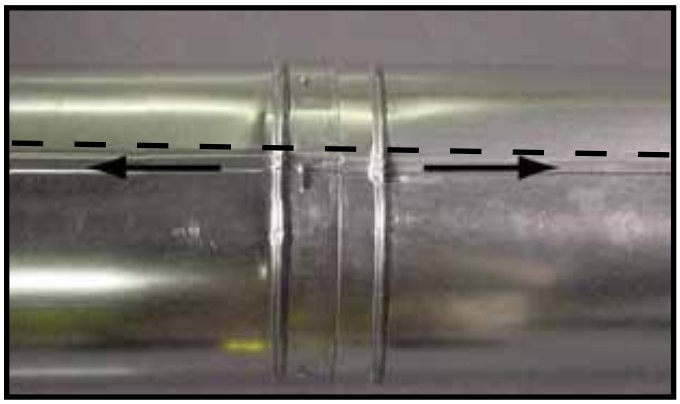


Figure 10.11 Align and Disassemble Vent Sections

F. Install Decorative Ceiling Components (SLP only)

A decorative ceiling thimble can be installed on a flat ceiling through which the vent passes. The decorative ceiling thimble is used to cover the firestop.

- Seal the gap between the vent pipe and firestop using high temperature silicone (300 ºF minimum continuous exposure rating) to prevent cold air infiltration.
- Install the decorative ceiling thimble by sliding it up to the ceiling and attaching it using the provided screws.

A decorative cathedral ceiling support box can be installed on a cathedral ceiling through which the vent passes.

- Use a plumb-bob to mark the center line of the venting system on the ceiling and drill a small hole through the ceiling and roof at this point. Locate the hole and mark the outline of the cathedral ceiling support box on the outside roof.
- Remove shingles or other roof covering as necessary to cut the rectangular hole for the support box. Cut the hole 1/8 in. (3 mm) larger than the support box outline.
- Lower the support box through the hole in the roof until its bottom is at least 2 in. (51 mm) below the ceiling (Figure 10.12).
- Level the support box both vertically and horizontally and temporarily tack it in place through the inside walls into the roof sheathing.
- Use tin snips to cut the support box from the top corners down to the roof line and fold the resulting flaps to the roof. See Figure 10.13.
- Nail the flaps to the roof AFTER running a bead of non hardening sealant between the flaps and the roof.

WARNING! Risk of Fire! *Clean out ALL materials from inside the support box and complete the vertical vent run and termination.*

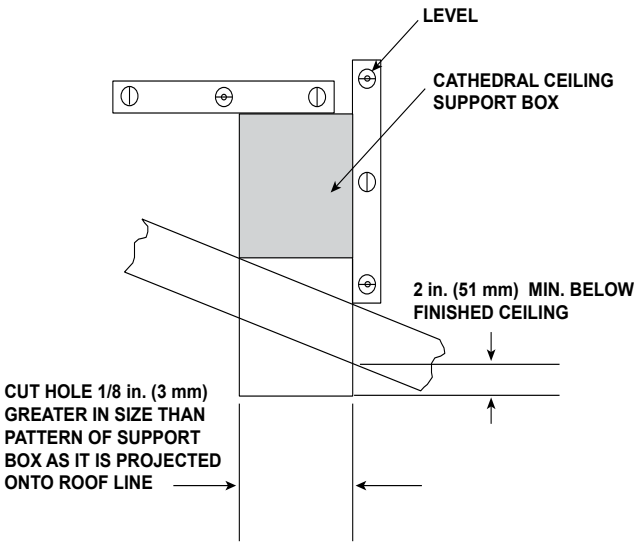


Figure 10.12

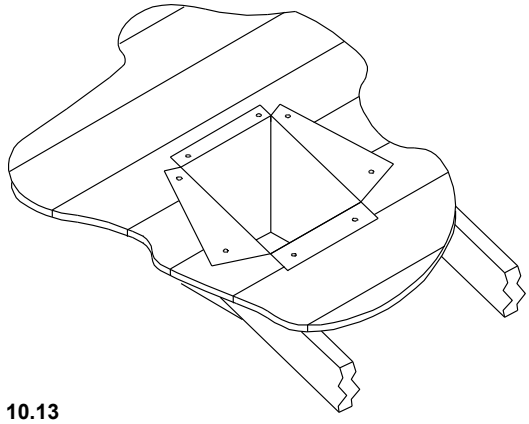
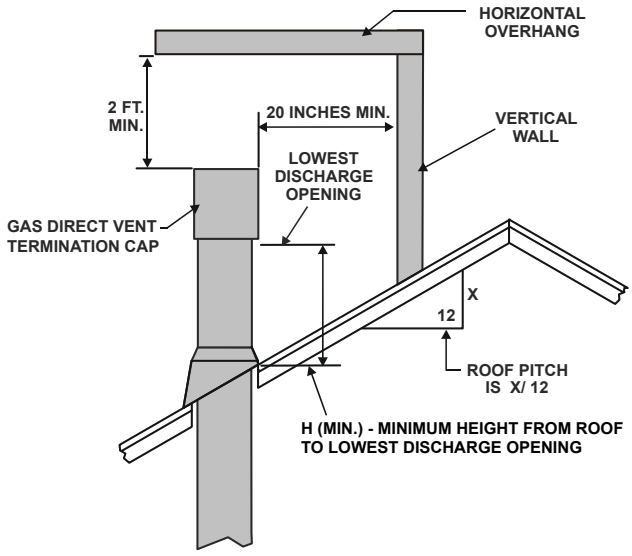


Figure 10.13

G. Install Metal Roof Flashing

- See minimum vent heights for various pitched roofs (Figure 10.14) to determine the length of pipe to extend through the roof.
- Slide the roof flashing over the pipe sections extending through the roof as shown in Figure 10.15.



Roof Pitch	H (Min.) Ft.
Flat to 6/12	1.0*
Over 6/12 to 7/12	1.25*
Over 7/12 to 8/12	1.5*
Over 8/12 to 9/12	2.0*
Over 9/12 to 10/12	2.5*
Over 10/12 to 11/12	3.25
Over 11/12 to 12/12	4.0
Over 12/12 to 14/12	5.0
Over 14/12 to 16/12	6.0
Over 16/12 to 18/12	7.0
Over 18/12 to 20/12	7.5
Over 20/12 to 21/12	8.0

* 3 foot minimum in snow regions

Figure 10.14 Minimum Height From Roof To Lowest Discharge Opening

NOTICE: *Failure to properly caulk the roof flashing and pipe seams may permit entry of water.*

- Caulk the gap between the roof flashing and the outside diameter of the pipe.
- Caulk the perimeter of the flashing where it contacts the roof surface. See Figure 10.15.
- Caulk the overlap seam of any exposed pipe sections that are located above the roof line.

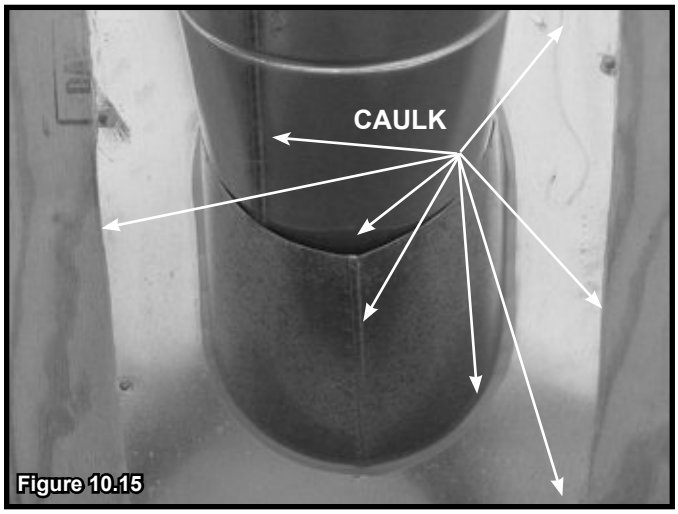


Figure 10.15

H. Assemble and Install Storm Collar

CAUTION! Risk of Cuts, Abrasions or Flying Debris. *Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.*

- Slide the storm collar onto the exposed pipe section and align brackets.
- Insert a bolt (provided) through the brackets and install nut. Do not completely tighten.



Figure 10.16 insert Bolt into Brackets

- Slide the assembled storm collar down the pipe section until it rests on the roof flashing. See Figure 10.16.
- Tighten nut and make sure the collar is tight against the pipe section.
- Caulk around the top of the storm collar. See Figure 10.17.

I. Install Vertical Termination Cap

- Attach the vertical termination cap by sliding the inner collar of the cap into the inner flue of the pipe section while placing the outer collar of the cap over the outer flue of the pipe section.
- Secure the cap by driving three self-tapping screws (supplied) through the pilot holes in the outer collar of the cap into the outer flue of the pipe (see Figure 10.17).

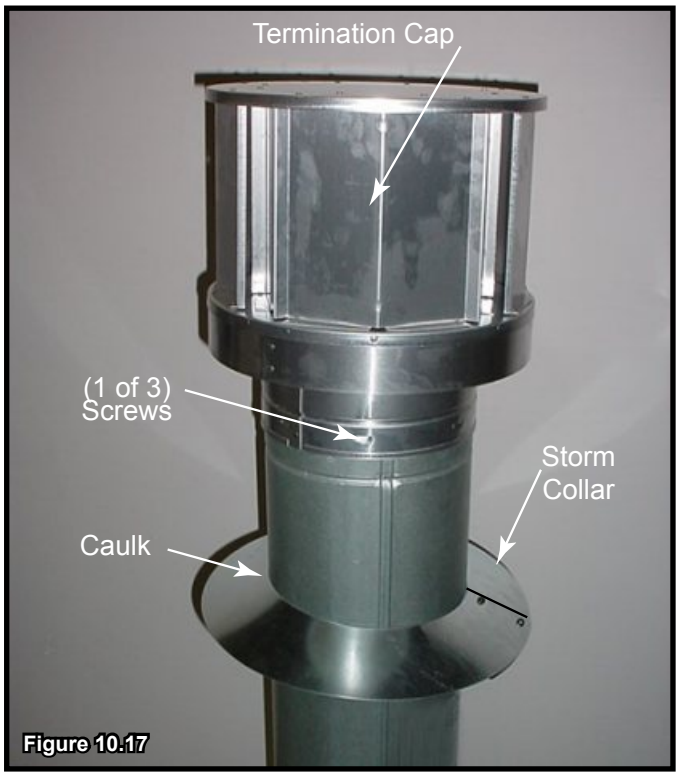


Figure 10.17

J. Install Decorative Wall Components (SLP only)

A decorative wall thimble can be installed on wall through which the vent passes. The decorative wall thimble is used to cover the wall shield firestop.

- Slide the decorative wall thimble over the last section of horizontal pipe before connecting the termination cap to the pipe.
- Once the pipe section and the termination cap have been connected, slide the wall thimble up to the interior wall surface and attach with screws provided. See Figure 10.18.

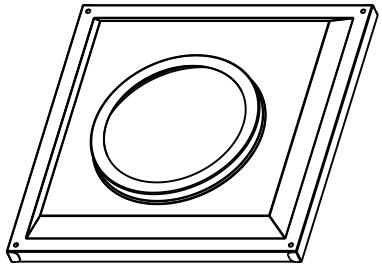


Figure 10.18 Wall Thimble

K. Heat Shield Requirements for Horizontal Termination

WARNING! Risk of Fire! *To prevent overheating and fire, heat shields must extend through the entire wall thickness.*

- ***DO NOT*** *remove the heat shields attached to the wall shield firestop and the horizontal termination cap (shown in Figure 10.19).*
- *Heat shields must overlap 1-1/2 in. (38 mm) minimum.*

There are two sections of the heat shield. One section is factory-attached to the wall shield firestop. The other section is factory-attached to the cap. See Figure 10.19.

If the wall thickness does not allow the required 1-1/2 in. (38 mm) heat shield overlap when installed, an extended heat shield must be used.

- If the wall thickness is less than 4 in./102 mm (DVP) or 4-3/8 in./ 111 mm (SLP), the heat shields on the cap and wall shield firestop must be trimmed. A minimum 1-1/2 in. (38 mm) overlap MUST be maintained.
- Use an extended heat shield if the finished wall thickness is greater than 7-1/4 in. (184 mm).
- The extended heat shield may need to be cut to length maintaining sufficient length for a 1-1/2 in. (38 mm) overlap between heat shields.
- Attach the extended heat shield to either of the existing heat shields using the screws supplied with the extended heat shield. Refer to vent components diagrams in the back of this manual.
- Rest the small leg on the extended heat shield on top of the pipe section to properly space it from the pipe section.

Important Notice: Heat shields may <u>not</u> be field constructed.

L. Install Horizontal Termination Cap (DVP and SLP Pipe)

WARNING! Risk of Fire! *The telescoping flue section of the termination cap MUST be used when connecting vent.*

- *1-1/2 (38 mm) minimum overlap of flue telescoping section is required.*

Failure to maintain overlap may cause overheating and fire.

- Vent termination must not be recessed in the wall. Siding may be brought to the edge of the cap base.
- Flash and seal as appropriate for siding material at outside edges of cap.
- When installing a horizontal termination cap, follow the cap location guidelines as prescribed by current **ANSI Z223.1** and **CAN/CGA-B149** installation codes and refer to Section 6 of this manual.

CAUTION! Risk of Burns! *Local codes may require installation of a cap shield to prevent anything or anyone from touching the hot cap.*

NOTICE: *For certain exposures which require superior resistance to wind-driven rain penetration, a flashing kit and HRC caps are available. When penetrating a brick wall, a brick extension kit is available for framing the brick.*

Note: When using termination caps with factory-supplied heat shield attached, no additional wall shield firestop is required on the exterior side of a combustible wall.

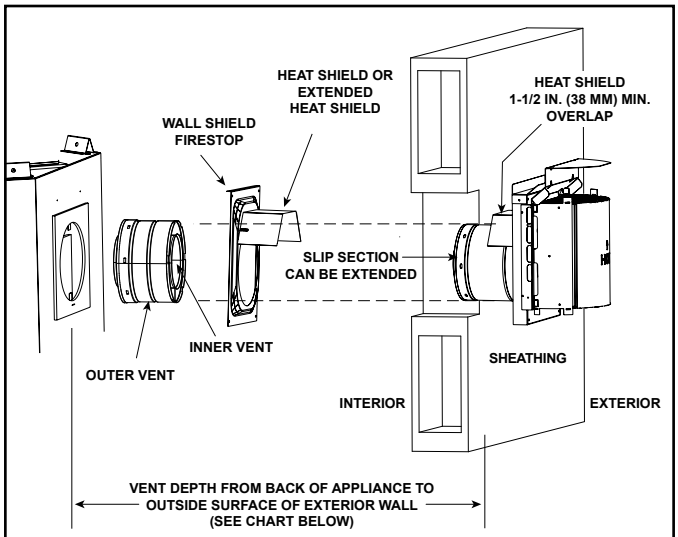


Figure 10.19 Venting Through the Wall

Cap Specification Chart
(depth without using additional pipe sections)

6000 Series 8000 Series	**DVP-TRAPK1 Top Vent Depth**	**DVP-TRAP1 Rear Vent Depth**	**DVP-TRAPK2 Top Vent Depth**	**DVP-TRAP2 Rear Vent Depth**
	2-3/4 in. to 4-5/8 in.	**3-1/8 in. to 5 in.**	**5-1/8 in. to 9-1/8 in.**	**5-1/2 in. to 9-1/2 in.**
	DVP-HPC1 Top Vent Depth	**DVP-HPC1 Rear Vent Depth**	**DVP-HPC2 Top Vent Depth**	**DVP-HPC2 Rear Vent Depth**
	2-3/4 in. to 4-7/8 in.	**3-1/8 in. to 5-1/4 in.**	**4-7/8 in. to 9 in.**	**5-1/4 in. to 9-3/8 in.**

DVP-TRAP1 can adjust 1-1/2 in. (3-1/8 to 4-5/8 in.)
DVP-TRAP2 can adjust 4 in. (5-3/8 to 9-3/8)
DVP-HPC1 can adjust 2-1/8 in. (4-1/4 to 6-3/8)
DVP-HPC2 can adjust 4-1/8 in. (6-3/8 to 10-1/2)

11 Gas Information

A. Fuel Conversion

- Make sure the appliance is compatible with available gas types.
- Conversions must be made by a qualified service technician using Hearth & Home Technologies specified and approved parts.

B. Gas Pressure

- Optimum appliance performance requires proper input pressures.
- Gas line sizing requirements will be determined in ANSI Z223.1 National Fuel Gas Code in the USA and CAN/CGA B149 in Canada.
- Pressure requirements are:

Gas Pressure	Natural Gas	Propane
Minimum inlet pressure	5.0 in. w.c.	11.0 in. w.c.
Maximum inlet pressure	10.0 in. w.c.	13.0 in. w.c.
Manifold pressure	3.5 in. w.c.	10.0 in. w.c.

WARNING! Risk of Fire or Explosion! *High pressure will damage valve. Low pressure may cause explosion.*

- Verify inlet pressures. Verify minimum pressures when other household gas appliances are operating.
- Install regulator upstream of valve if line pressure is greater than 1/2 psig.

⚠ WARNING



Fire Risk.

Explosion Hazard.

High pressure will damage valve.

- Disconnect gas supply piping BEFORE pressure testing gas line at test pressures above 1/2 psig.
- Close the manual shutoff valve BEFORE pressure testing gas line at test pressures equal to or less than 1/2 psig.

Note: Have the gas supply line installed in accordance with local codes, if any. If not, follow ANSI 223.1. Installation should be done by a qualified installer approved and/or licensed as required by the locality. (In the Commonwealth of Massachusetts installation must be performed by a licensed plumber or gas fitter).

Note: A listed (and Commonwealth of Massachusetts approved) 1/2 in. (13 mm) T-handle manual shut-off valve and flexible gas connector are connected to the 1/2 in. (13 mm) control valve inlet.

- **If substituting for these components, please consult local codes for compliance.**

C. Gas Connection

- Refer to Reference Section 16 for location of gas line access in appliance.
- Gas line may be run through knockout(s) provided.
- The gap between supply piping and gas access hole may be caulked with caulk with a minimum of 300 ºF continuous exposure rating or stuffed with non-combustible, unfaced insulation to prevent cold air infiltration.
- Ensure that gas line does not come in contact with outer wrap of the appliance. Follow local codes.
- Pipe incoming gas line into valve compartment.
- Connect incoming gas line to the 1/2 in. (13 mm) connection on manual shutoff valve.

WARNING! Risk of Fire or Explosion! *Support control when attaching pipe to prevent bending gas line.*

- A small amount of air will be in the gas supply lines.

WARNING! Risk of Fire or Explosion! *Gas build-up during line purge could ignite.*

- *Purge should be performed by qualified service technician.*
- *Ensure adequate ventilation.*
- *Ensure there are no ignition sources such as sparks or open flames.*

Light the appliance. It will take a short time for air to purge from lines. When purging is complete the appliance will light and operate normally.

WARNING! Risk of Fire, Explosion or Asphyxiation! *Check all fittings and connections with a non-corrosive commercially available leak-check solution.* ***DO NOT*** *use open flame. Fittings and connections could have loosened during shipping and handling.*

WARNING! Risk of Fire! DO NOT *change valve settings. This valve has been preset at the factory.*

D. High Altitude Installations

NOTICE: *If the heating value of the gas has been reduced, these rules do not apply. Check with your local gas utility or authorities having jurisdiction.*

When installing above 2000 feet elevation:

- In the USA: Reduce burner orifice 4% for each 1000 feet above 2000 feet.
- In CANADA: Reduce burner orifice 10% for elevations between 2000 feet and 4500 feet. Above 4500 feet, consult local gas utility.

12 Electrical Information

A. Wiring Requirements

NOTICE: *This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with* **National Electric Code ANSI/NFPA 70-latest edition** *or the* **Canadian Electric Code CSA C22.1.**

- Wire the appliance junction box to 110-120 VAC. This is required for use of optional accessories (standing pilot ignition) or proper operation of the appliance (IntelliFire™ Plus ignition).
- A 110-120 VAC circuit for this product must be protected with ground-fault circuit-interrupter protection, in compliance with the applicable electrical codes, when it is installed in locations such as in bathrooms or near sinks.
- Low voltage and 110-120 VAC voltage cannot be shared within the same wall box.

WARNING! Risk of Shock or Explosion! DO NOT *wire 110V to the valve or to the appliance wall switch. Incorrect wiring will damage controls.*

B. IntelliFire™ Plus Ignition System Wiring

- Wire the appliance junction box to 110-120 VAC for proper operation of the appliance.

WARNING! Risk of Shock or Explosion! DO NOT *wire IPI controlled appliance junction box to a switched circuit. Incorrect wiring will override IPI safety lockout.*

- Refer to Figure 12.1, IPI Wiring Diagram.
- This appliance is equipped with an IntelliFire™ Plus control valve which operates on a 6 volt/1.5 AMP system.
- Plug the 6 volt transformer plug into the appliance junction box to supply power to the unit OR install 4 AA cell batteries (not included) into the battery pack before use.

C. Optional Accessories Requirements

- This appliance may be used with a wall switch, wall mounted thermostat and/or a remote control.

Wiring for optional Hearth & Home Technologies approved accessories should be done now to avoid reconstruction. Follow instructions that come with those accessories.

- Hearth & Home Technologies recommends that IntelliFire™ Plus wireless controls be used for their features and functionality with the IntelliFire™ Plus ignition system.

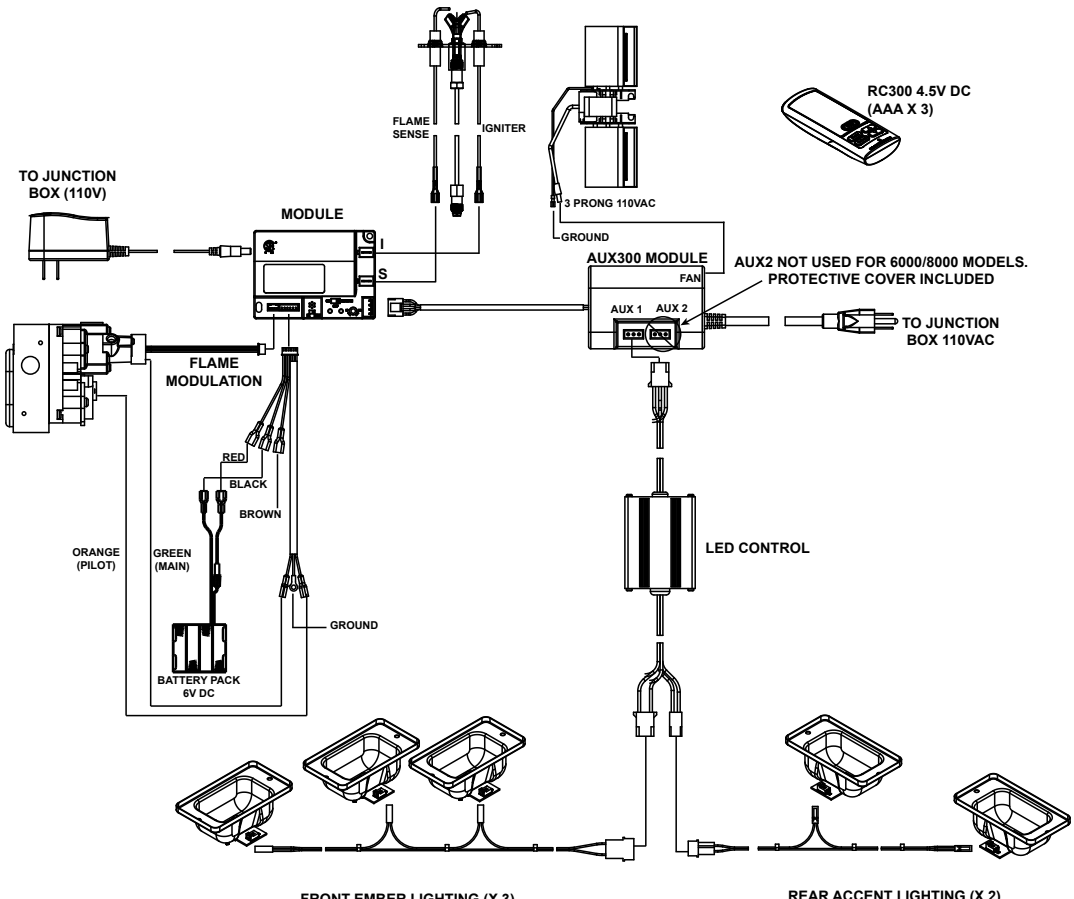


Figure 12.1 IPI Wiring Diagram

D. Electrical Service and Repair

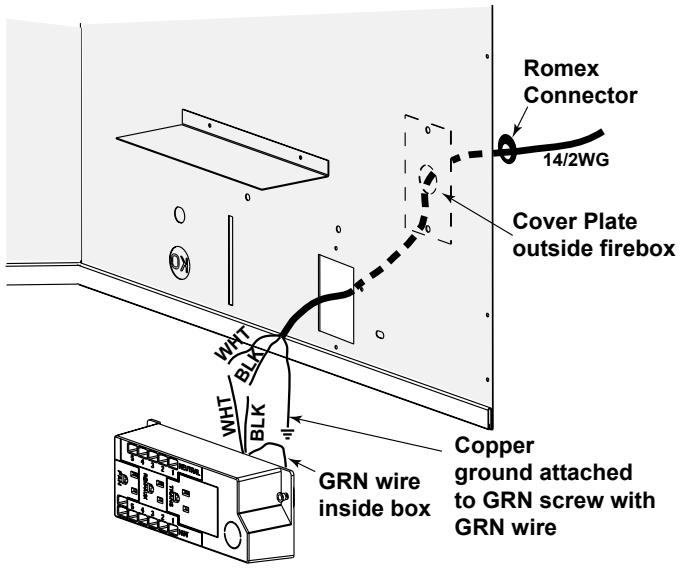
WARNING! Risk of Shock! *Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.*

WARNING! Risk of Shock! *Replace damaged wire with type 105º C rated wire. Wire must have high temperature insulation.*

E. Junction Box Installation

If the box is being wired from the **INSIDE** of the appliance:

- Remove the screw attaching the junction box/receptacle to the outer shell, rotate the junction box inward to disengage it from the outer shell (see Figure 12.2).
- Pull the electrical wires from outside the appliance through the opening into the valve compartment and secure wires with a Romex connector. See Figure 12.2.
- Make all necessary wire connections to the junction box/receptacle and reattach the junction box/receptacle to the outer shell.



NOTICE: DO NOT *wire 110-120 VAC to wall switch.*

Figure 12.2 Junction Box Detail

F. Wall Switch Installation for Fan (Optional)

If the box is being wired to a wall mounted switch for use with a fan (See Figure 12.3):

- The power supply for the appliance must be brought into a switch box.
- The power can then be supplied from the switch box to the appliance using a minimum of 14-3 with ground wire.
- At the switch box connect the black (hot) wire and red (switch leg) wire to the wall switch as shown.
- At the appliance connect the black (hot), white (neutral) and green (ground) wires to the junction box as shown.
- Add a 1/4 in. insulated female connector to the red (switch leg) wire, route it through the knockout in the face of the junction box, and connect to the top fan switch connector (1/4 in. male) as shown.

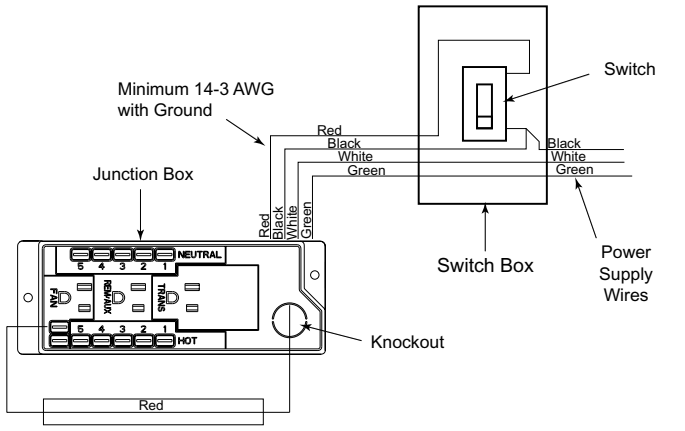


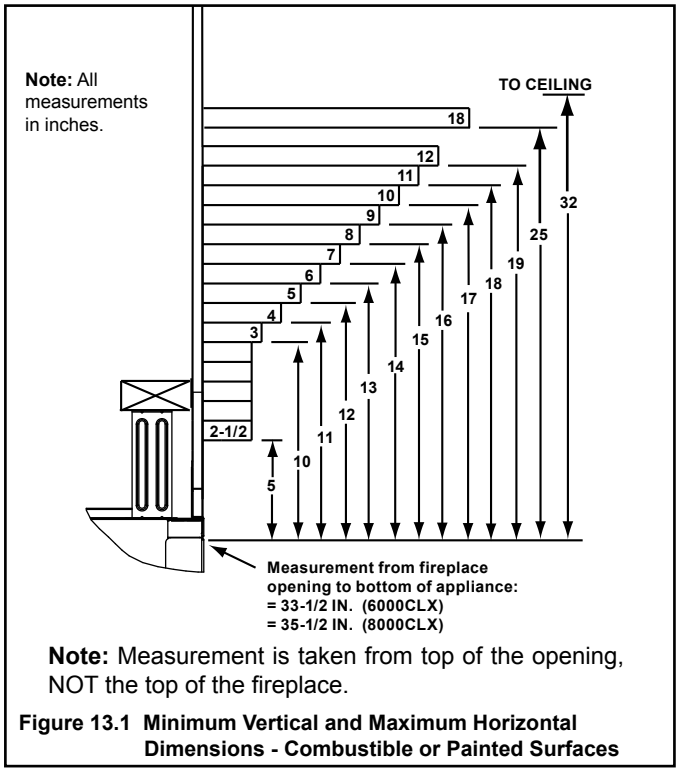
Figure 12.3 Junction Box Wired to Wall Switch or BC10

13 Finishing

A. Mantel and Wall Projections

WARNING! Risk of Fire! *Comply with all minimum clearances as specified. Framing closer than the minimums listed must be constructed entirely of noncombustible materials (i.e., steel studs, concrete board, etc.)*

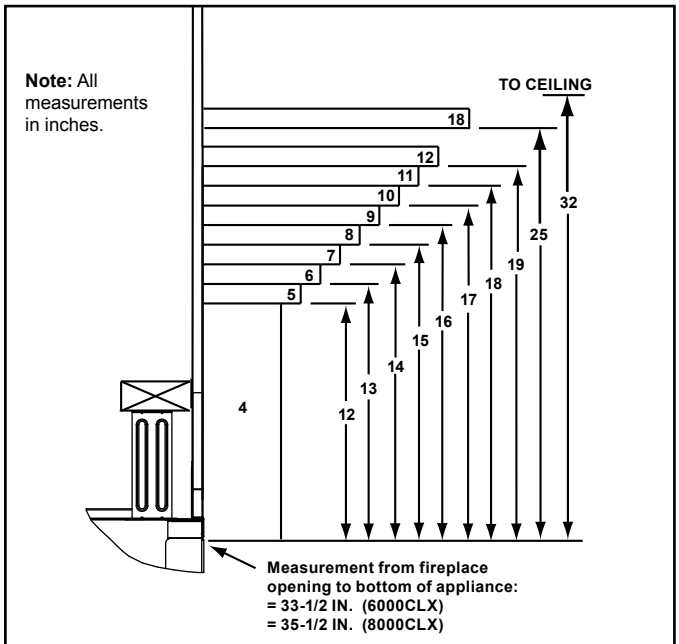
Mantels - Combustible or Painted Surfaces



Note: Measurement is taken from top of the opening, NOT the top of the fireplace.

Figure 13.1 Minimum Vertical and Maximum Horizontal Dimensions - Combustible or Painted Surfaces

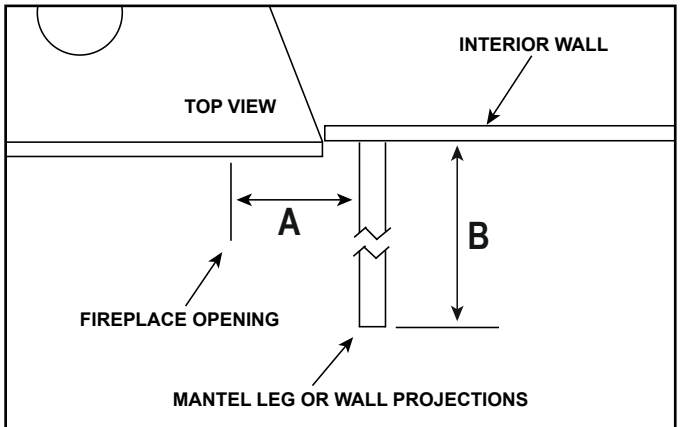
Mantels - Non-Combustible



Note: Measurement is taken from top of the opening, NOT the top of the fireplace.

Figure 13.2 Minimum Vertical and Maximum Horizontal Dimensions - Non-Combustible

Mantel Legs or Wall Projections



Combustible or Painted Surfaces

If **A** minimum is ____, then **B** maximum is_____.							
A	*Inches*	**2-7/16**	**3-7/16**	**4-7/16**	**5-7/16**	**6-7/16**	**7-7/16**
	Millimeters	62	87	113	138	164	189
B	*Inches*	**1**	**2**	**3**	**4**	**5**	∞
	Millimeters	25	51	76	102	127	∞

Non-Combustible

If **A** minimum is ____, then **B** maximum is_____.				
A	*Inches*	**0 thru 5-7/16**	**6-7/16**	**7-7/16**
	Millimeters	0-138	164	189
B	*Inches*	**4**	**5**	∞
	Millimeters	102	127	∞

Figure 13.3 Clearances to Mantel Leg or Wall Projections (Acceptable on both sides of opening)

B. Facing Material

- Metal front faces may be covered with non-combustible materials only.
- Facing and/or finishing materials must not interfere with air flow through louvers, operation of louvers or decorative fronts, or access for service.
- Facing and/or finishing materials must never overhang into the glass opening.
- Observe all clearances when applying combustible materials.
- Seal joints between the finished wall and appliance top and sides using a 300 ºF minimum sealant. Refer to Figure 13.4.

WARNING! Risk of Fire! DO NOT *apply combustible materials beyond the minimum clearances. Comply with all minimum clearances to combustibles as specified in this manual. Overlapping materials could ignite and will interfere with proper operation of decorative fronts and louvers.*

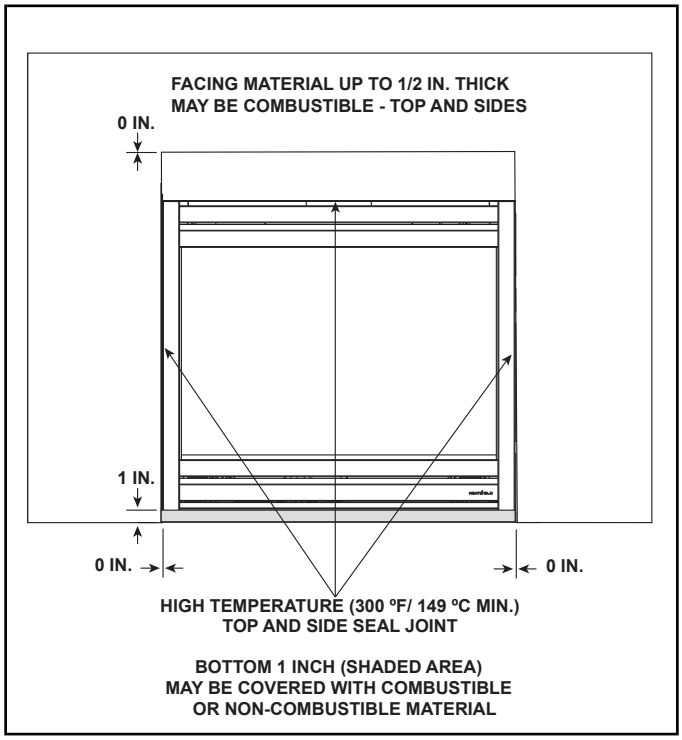
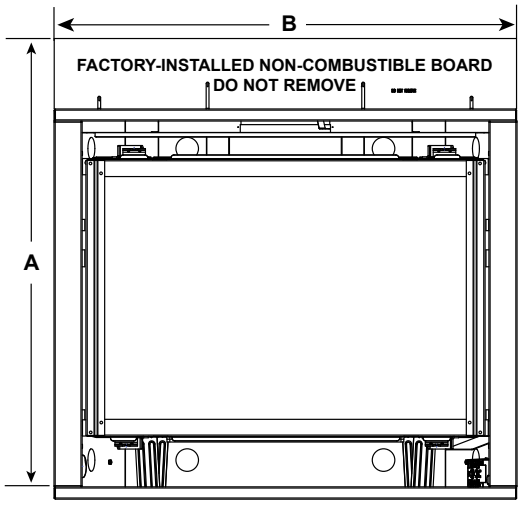


Figure 13.4 Facing Materials



		A	B
6000	inches	39-3/4	41
	millimeters	1010	1041
8000	inches	41-3/4	48
	millimeters	1060	1219

Figure 13.5 Noncombustible Facing Diagram

C. Decorative Fronts

Only decorative fronts certified for use with this appliance model may be used. Contact your dealer for a list of decorative fronts that may be used. Once you have determined what kind of decorative front and finishing material is going to be used on the fireplace, you may use the table below which shows the decorative front models and the finishing material thickness allowed.

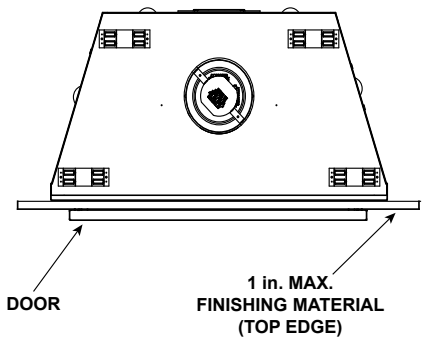
DECORATIVE FRONT	FIT	FINISH MATERIAL THICKNESS	SEE FIGURE
Folio	Inside	Any	13.8
Arcadia	Overlap	1 inch or less	13.6
	Inside	Greater than 1 inch	13.7
Halston	Overlap	1 inch or less	13.6
	Inside	Greater than 1 inch	13.7
Chateau	Overlap	1 inch or less	13.6
	Inside	Greater than 1 inch	13.7
Chateau Forge	Overlap	1 inch or less	13.6
	Inside	Greater than 1 inch	13.7
Galleria	Overlap	1 inch or less	13.6
	Inside	Greater than 1 inch	13.7
CF	Inside	Any	13.8

Note: Finishing strips may be used to aid in positioning of non-combustible facing materials for some of the facing and decorative front combinations specified in the table above. They must be removed following finishing work. See Figure 13.9.

Finishing Material: 1 Inch Thick or Less

Remove Finishing Strips. See Figure 13.9.

NOTICE: *Remove finishing strips before firing appliance.*



Finishing materials 1 inch maximum thick.
Stop finishing material flush with opening.

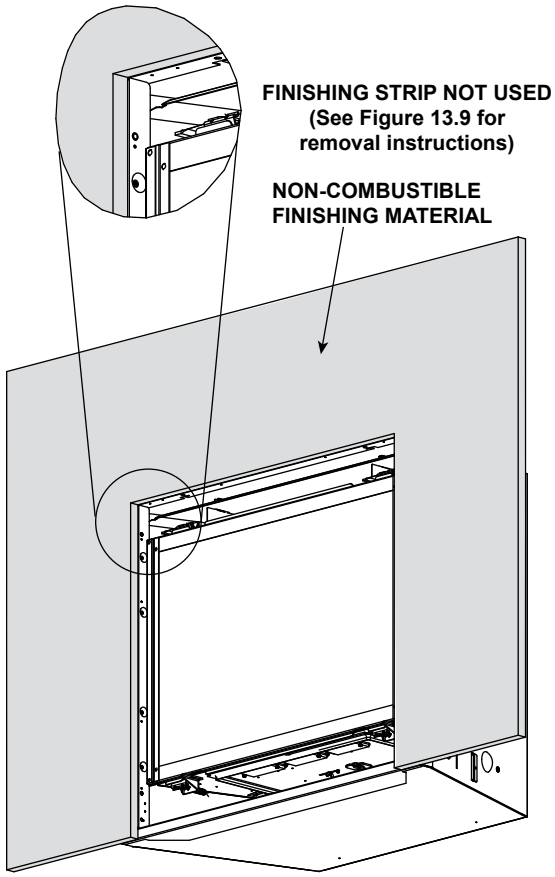
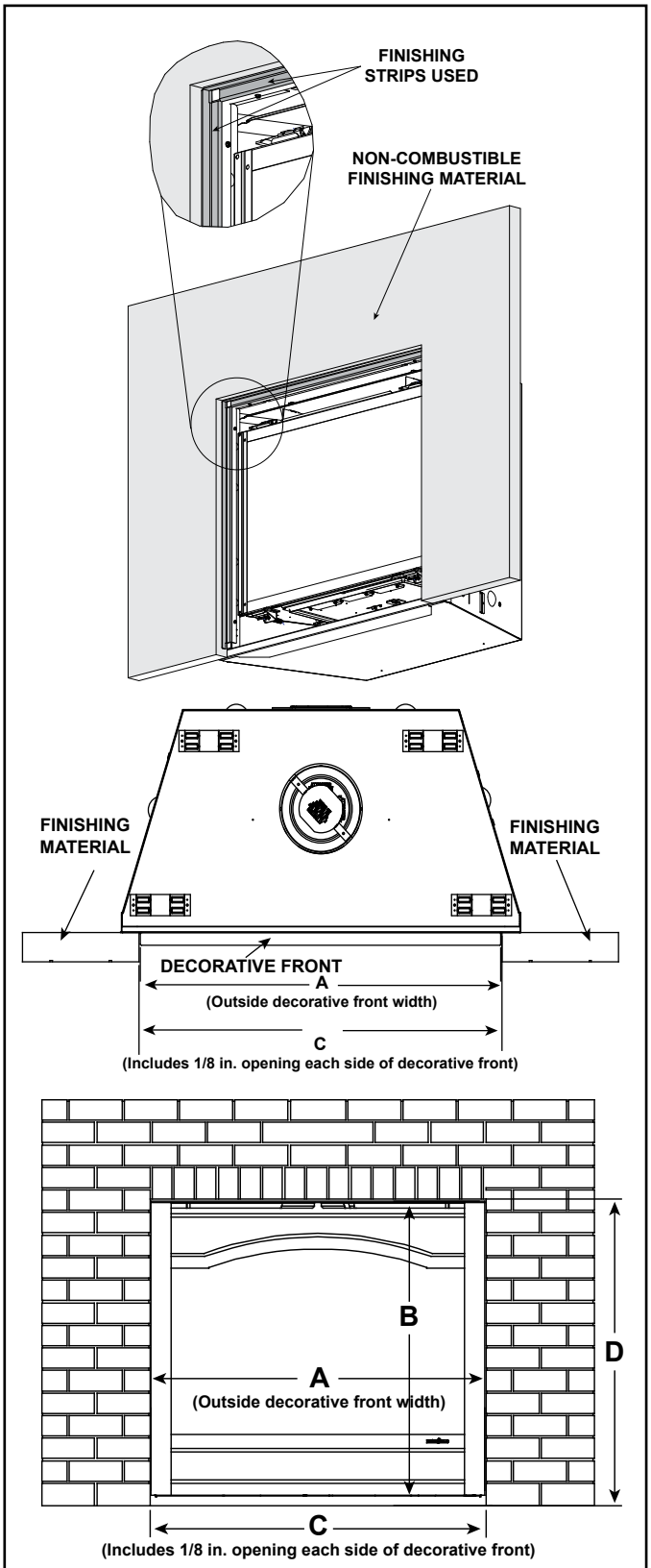


Figure 13.6 Finishing Material 1 Inch Thick or Less

Finishing Material Thickness: 1-4 inches maximum

NOTICE: *Remove finishing strips before firing appliance.*



Finishing material thickness, 1-4 inches maximum

B = Top of decorative front to bottom of fireplace.

D = Bottom of Finishing Material to Bottom of Fireplace

Figure 13.7 Finishing Material Thickness Greater Than One Inch

Finishing Material Thickness: 0-4 inches maximum

NOTICE: *Remove finishing strips before firing appliance.*

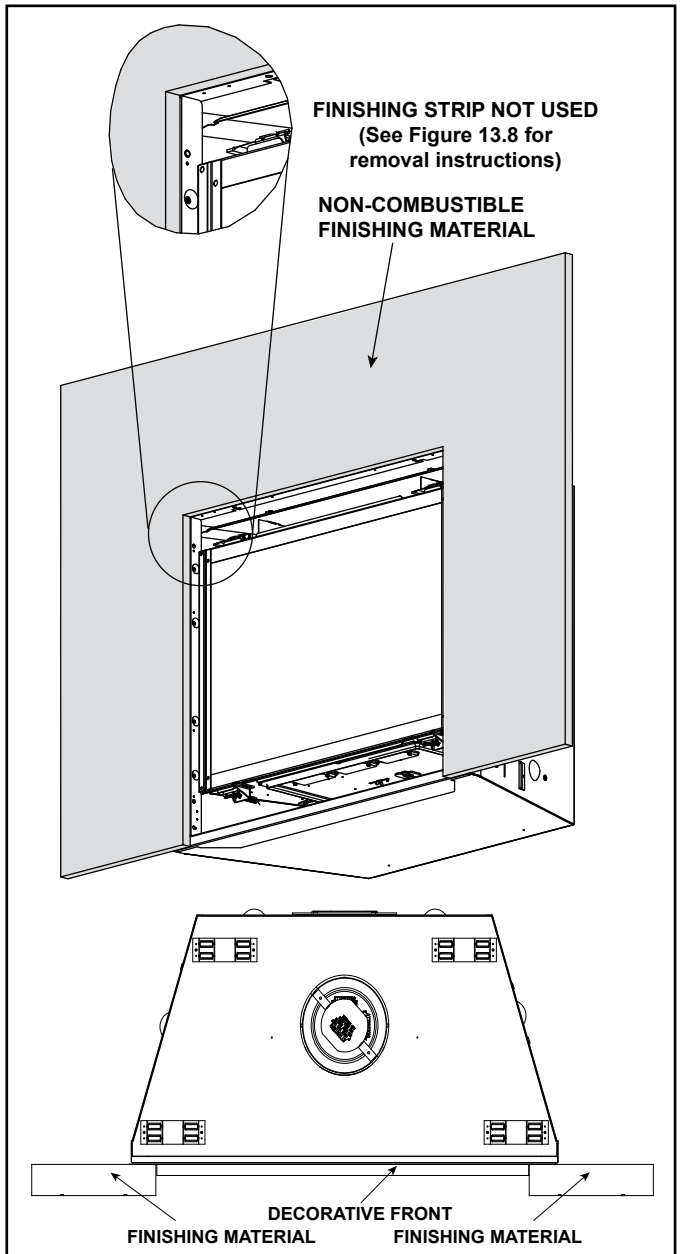


Figure 13.8 Folio/CF Inside Fit

	8000 Models		6000 Models	
	Inches	Millimeters	Inches	Millimeters
A	44-1/16	1119	37-1/16	941
B	35-15/16	913	34-1/16	865
C	44-5/16	1126	37-5/16	948
D	36-5/16	922	34-7/16	882

Removal of Finishing Strips

NOTICE: *Remove finishing strips before firing appliance. Remove glass frame assembly to access finishing strip screws.*

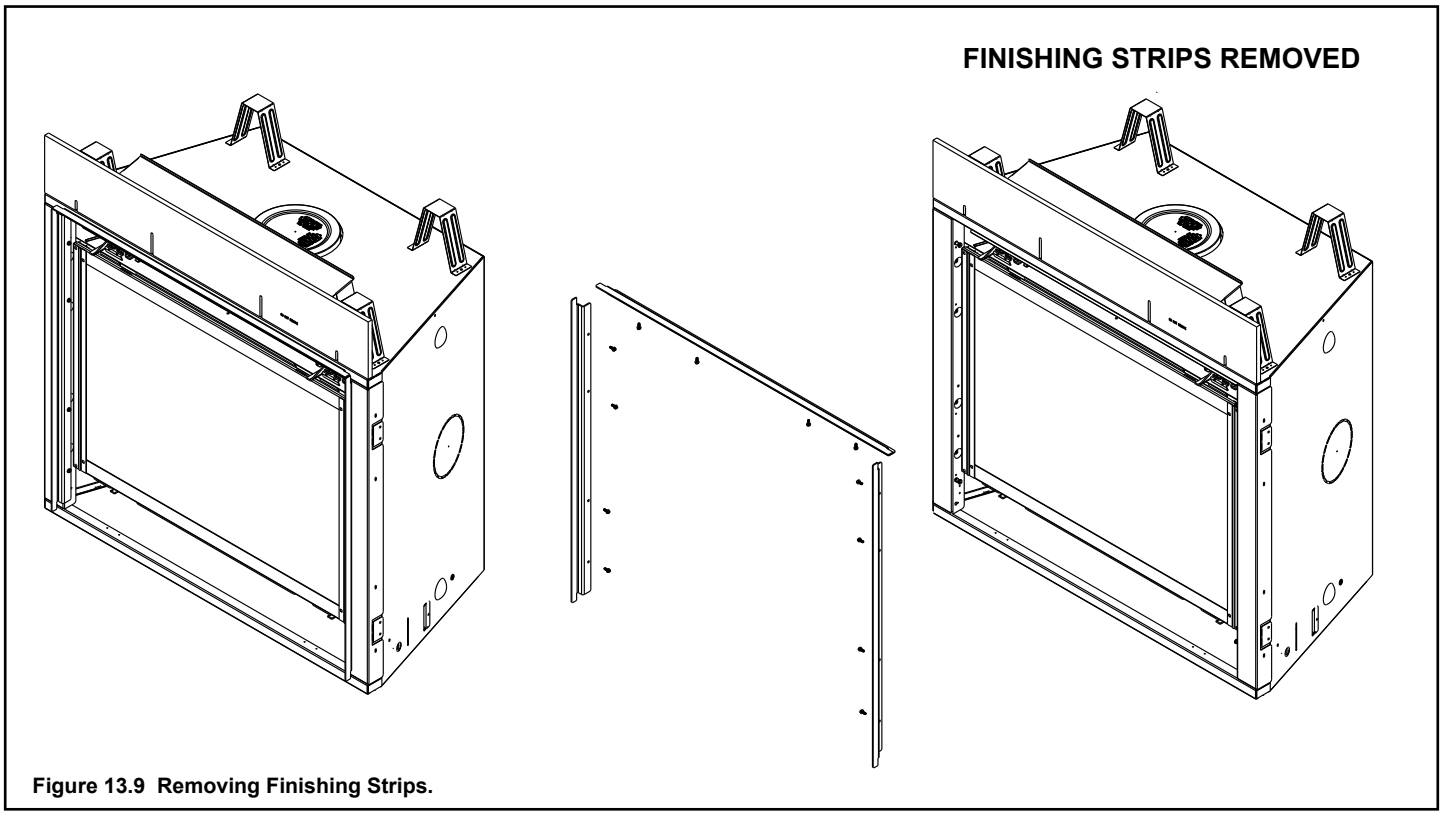


Figure 13.9 Removing Finishing Strips.

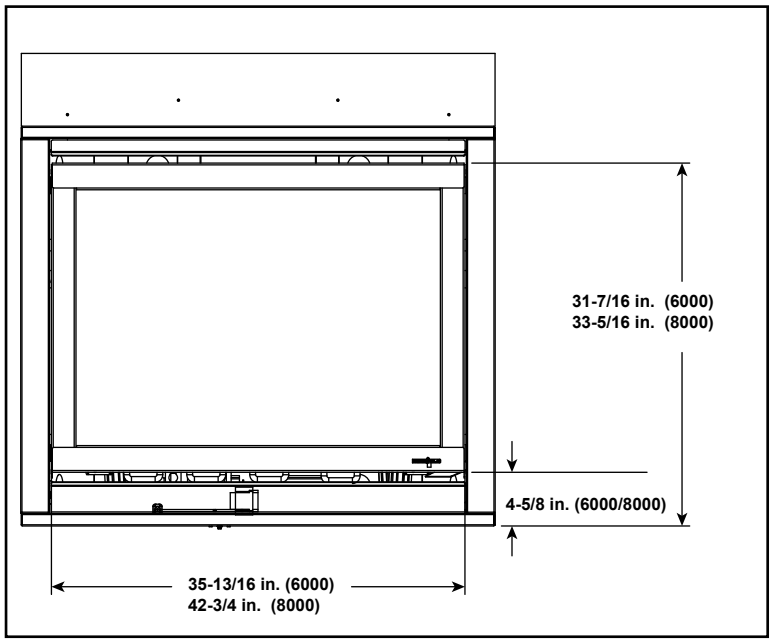


Figure 13.10. Clean Face Decorative Front Dimensions

D. Elevated Hearth Systems

Use the table below to identify the hearth system that will be used. The table will also help identify effects on the various dimensions. Some hearth systems will elevate the appliance off the floor at a given dimension. For example, if appliance will be used with a Kenwood Cabinet with Base, the appliance will be elevated 9-1/4 in. The 9-1/4 in. elevation will also have to be added to the following: Wall penetration referenced in Figure 8.2 (Wall penetration) and Rough Opening Height (header height) referenced in Figure 5.2. Note: Finished floor thickness should also be considered when determining installation dimensions.

MODEL	DESCRIPTION	PART #	ELEVATED APPLIANCE DIMENSION See Note 1	MARBLE LEG CUT LENGTH See Note 2
6000 Series	KENWOOD CABINET	KDC48DBP	0	33 in.
	KENWOOD CABINET W/ BASE	KDC48DBP W/ HTKDC48DBP	9-1/4 in.	33 in.
	KENWOOD CORNER CABINET	KDA48DBP	0	33 in.
	KENWOOD CORNER CABINET W/ BASE	KDA48DBP W/ HTKDA48DBP	9-1/4 in.	33 in.
	KENWOOD MANTEL	AFKDMPB	0 (See Note 3)	33 in.
	KENWOOD MANTEL W/ BASE	AFKDMPB W/ HTKDMPB	9-1/4 in.	33 in.
8000 Series	KENWOOD MANTEL	AFKDMPC	0 (See Note 3)	32-7/8 in.
	KENWOOD MANTEL W/ BASE	AFKDMPC W/ HTKDMPC	9-1/4 in.	32-7/8 in.

Note 1. Add dimensions to Wall Penetration (Figure 8.2) and Rough Opening Height (Figure 5.2).
Note 2. Verify Marble Cut Lengths on site prior to cutting.
Note 3. Dimensions assume use of a 3/4 in. Hearth Pad.

14 Appliance Setup

A. Remove Fixed Glass Assembly

See Section 14.J.

B. Remove the Shipping Materials

Remove shipping materials from inside or underneath the firebox.

C. Clean the Appliance

Clean/vacuum any sawdust that may have accumulated inside the firebox or underneath in the control cavity.

D. Accessories

Install approved accessories per instructions included with accessories. Contact your dealer for a list of approved accessories.

WARNING! Risk of Fire and Electric Shock! *Use ONLY Hearth & Home Technologies-approved optional accessories with this appliance. Using non-listed accessories could result in a safety hazard and will void the warranty.*

E. Burner Top Installation

1. Bend the two tabs upward as shown in Figure 14.1.
2. To install the fiber burner, mate the locating holes with the guide sleeves. Install fiber burner top so that it makes full contact with the underlying burner assembly.
3. Ensure that the ports in the steel burner are visible through the holes in the fiber burner top.

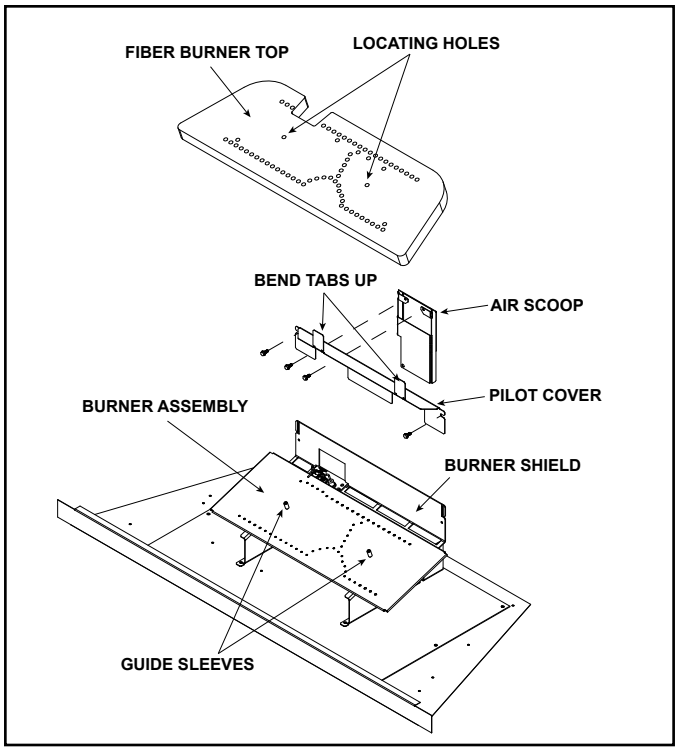


Figure 14.1

F. Refractory Installation

CAUTION! Risk of Cuts, Abrasions or Flying Debris. *Wear protective gloves and safety glasses during installation.*

CAUTION! Refractory is fragile. *Handle with care.*

Step 1. Back Refractory Panel Installation

The back refractory panel has a rectangular notch on the bottom side.

1. Hold the back refractory panel with the notch on the bottom facing down.
2. Place the back refractory panel against the back of the firebox. Ensure back refractory panel makes full contact with the back wall of the firebox. See Figures 1 and 2.

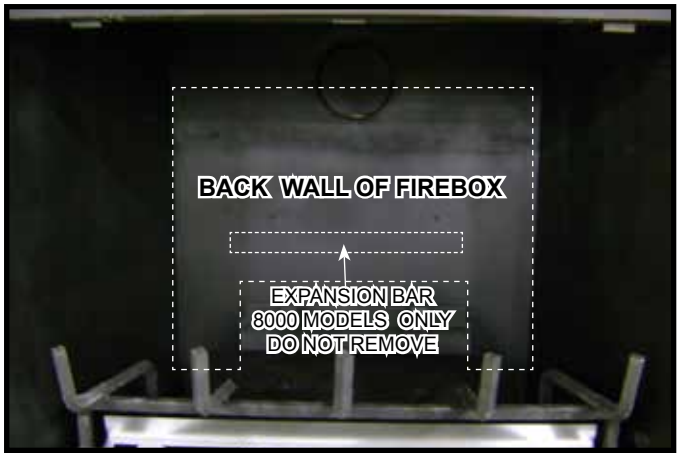


Figure 1



Figure 2

Step 2. Right Refractory Panel Installation

The right refractory panel has a rectangular notch on the bottom side.

3. Place the right refractory panel against the right sidewall of the firebox. Rest the rectangular notch located on the bottom of the right refractory panel over the lower firebox lip. Let refractory foot rest on firebox after panel's notch has been mated with firebox lip. See Figure 3.

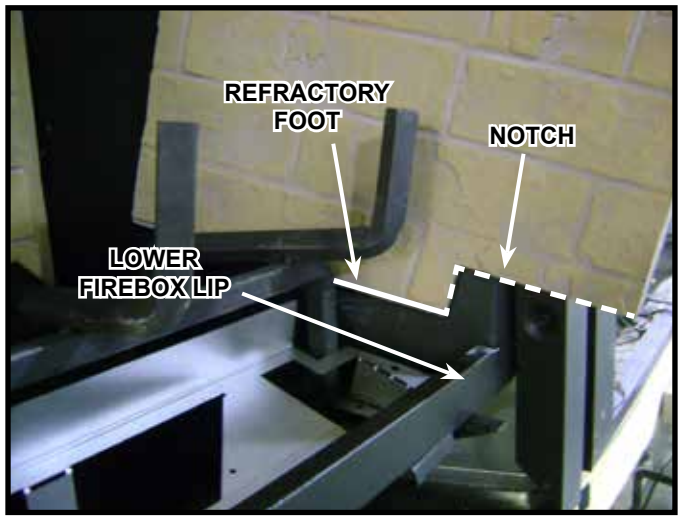


Figure 3

4. Slide the right refractory panel completely into the firebox until it securely rests against back refractory panel. Make sure that right refractory panel makes full contact with the right sidewall of the firebox. See Figure 4.

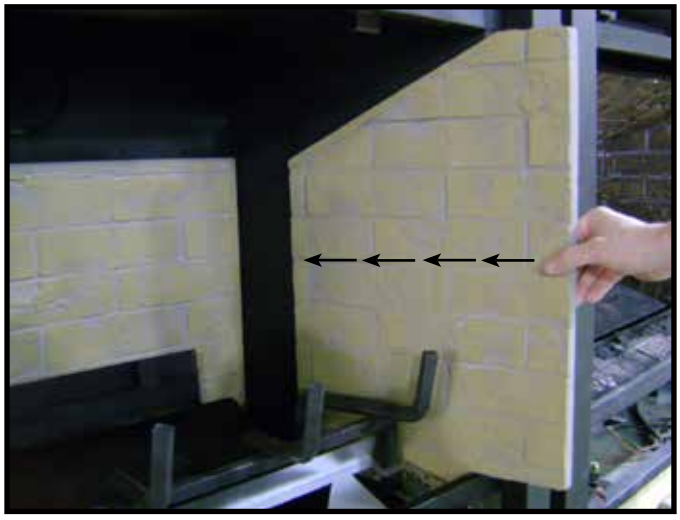


Figure 4

5. Verify that right refractory panel is slid all the way back by looking to see that it is flush with the firebox lip.

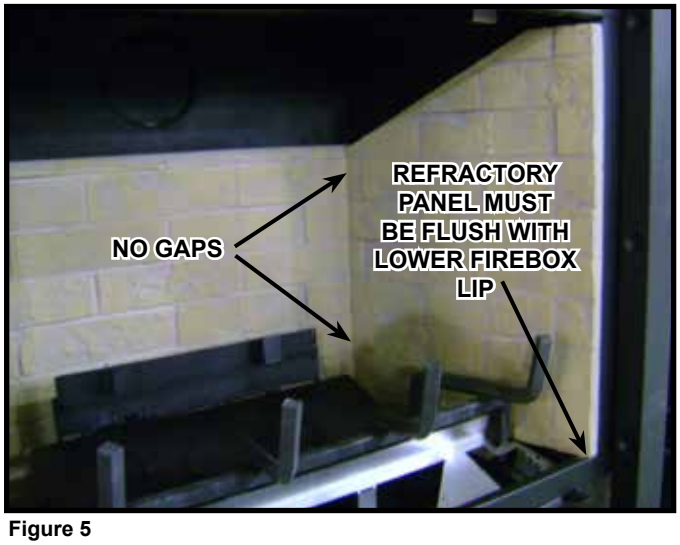


Figure 5

Step 3. Left Refractory Installation

6. Steps for installation of left refractory side are the same as right side. Repeat the same procedure as Step 2.

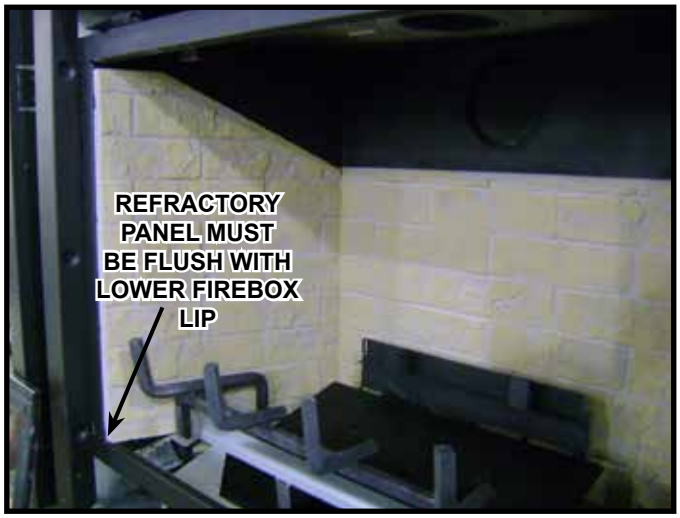


Figure 6

7. Using both hands, hold the top refractory panel with the brick pattern facing down.
8. Insert the top refractory panel into the firebox and lift it toward the top. Keep top refractory panel close to upper firebox lip. This will allow for easier installation due to the wider dimension of the front of the firebox. Slide the top refractory panel in toward the back wall of firebox, maintaining the same angle as the top section of the side panels.
9. Lower the top refractory panel onto the side and back refractory panels. There is a lip on the top panel that allows it to sit on the top edge of the side panels. Push tight against back refractory panel.
10. Installation is complete when top refractory panel is set securely in place. Top refractory panel may need to be pulled down to fit correctly. Chamfers should properly fit together and gaps should be minimized with correct installation.

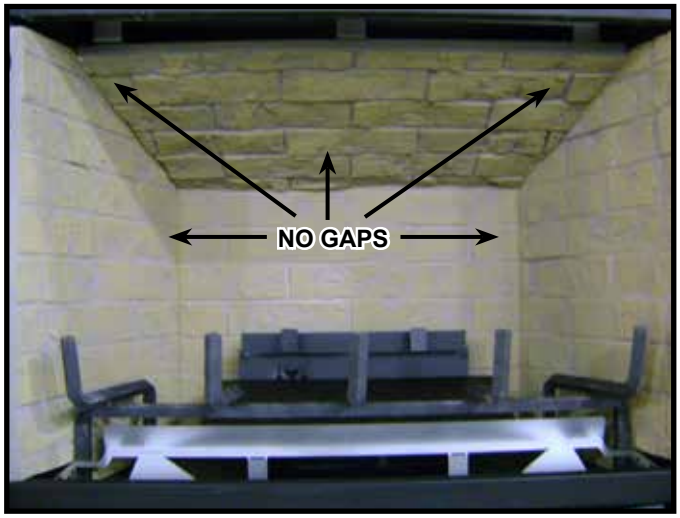


Figure 7

G. Ember Placement

WARNING! Risk of Explosion! *Follow ember placement instructions in manual. DO NOT completely block burner ports with ember material. Replace ember material annually. Improperly placed embers interfere with proper burner operation.*

Ember material is shipped with this gas appliance. To place the ember material:

- Embers CANNOT completely block burner ports. Care should be taken not to block the lighting trail of ports.
- Embers may only be placed in areas as shown in Figure 14.2.
- **LP Only:** Using dime-size pieces of Glowing Embers®, overlap the burner ports (see Figure 14.3). The impingement created by the embers will help blend the fire.
- Save the remaining ember materials for use during appliance servicing. The embers provided should be enough for 3 to 5 applications.

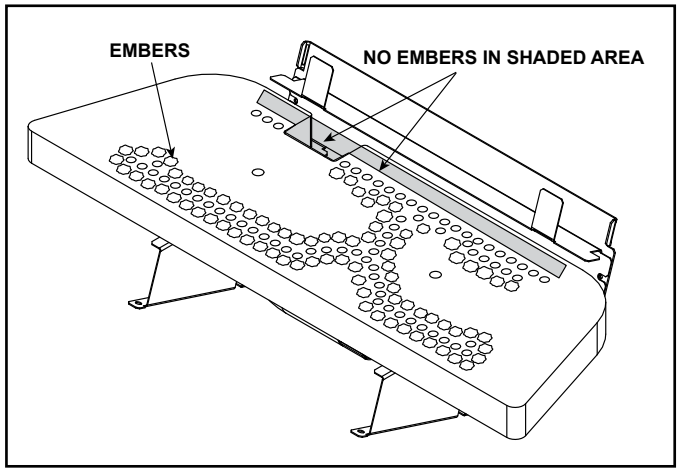


Figure 14.2 Placement of Embers

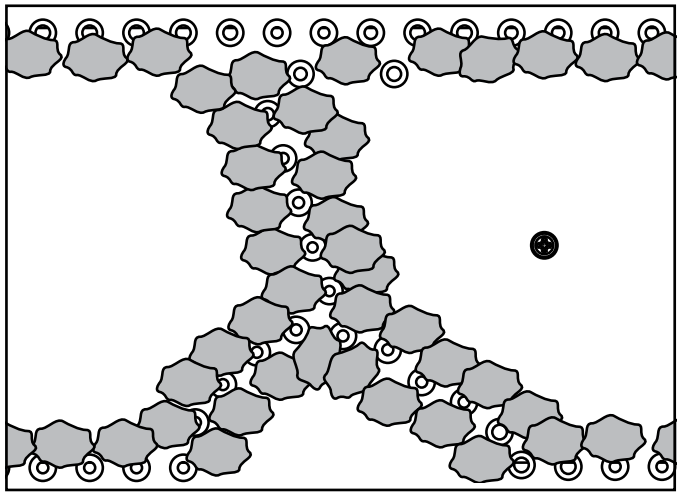


Figure 14.3 Embers Overlapping Burner Port Holes (LP only).

H. Teco-Sil Placement

Cleaning the Teco-Sil

During shipment of the teco-sil, dust and debris can accumulate. It is recommended that the teco-sil be rinsed thoroughly with water to remove dust and small particles. An easy method to clean the teco-sil is to place the teco-sil into a pail and rinse thoroughly. Spread the teco-sil out over paper towels and allow the Teco-Sil to dry before installing them into the fireplace.

Teco-Sil Placement

1. Pour Teco-Sil between the left and right base refractories as shown in Figure 1.



Figure 1. Placement of Embers

2. Fog the Teco-Sil to the desired look, using high temperature black paint (Hearth & Home Technologies part number TUP-GBK-12). See below for fogging tips. Prior to painting, take precautions to prevent any overspray from reaching the pilot assembly.

Fogging Tips

- Apply paint with the ember lights turned on. This will help you avoid over fogging or under fogging.
- Reduce the lighting in the room while applying the paint.
- Fog the Teco-Sil to create a realistic coal bed appearance.
- Allow the paint to dry/cure a minimum of 15 minutes.



Figure 2. Teco-Sil Not Painted



Figure 3. Teco-Sil Too Light

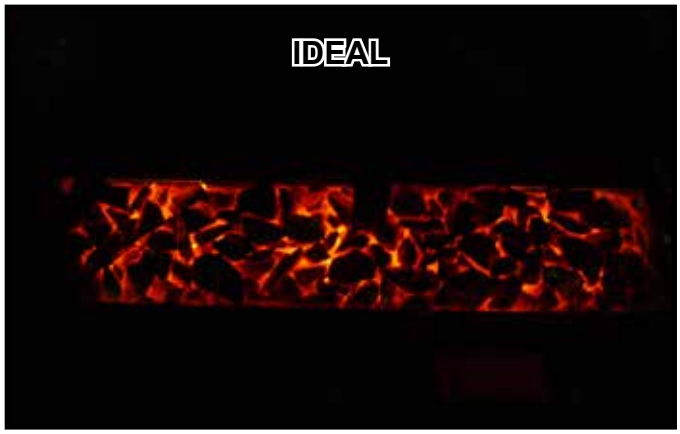


Figure 4. Teco-Sil Ideal

I. Install the Log Assembly

Log Assembly: LOGS-6CLX

Models: 6000CLX-IPI-S, 6000CLX-IPILP-S 6000CLX-IPI-T, 6000CLX-IPILP-T, HE36CLX-S, HE36CLXLP-S

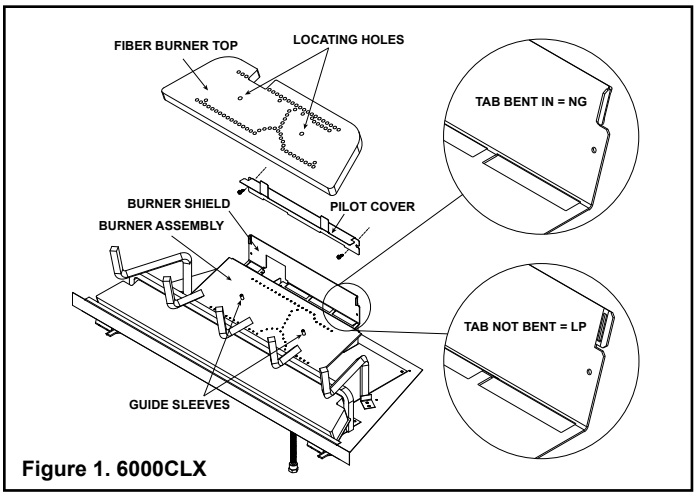


Figure 1. 6000CLX

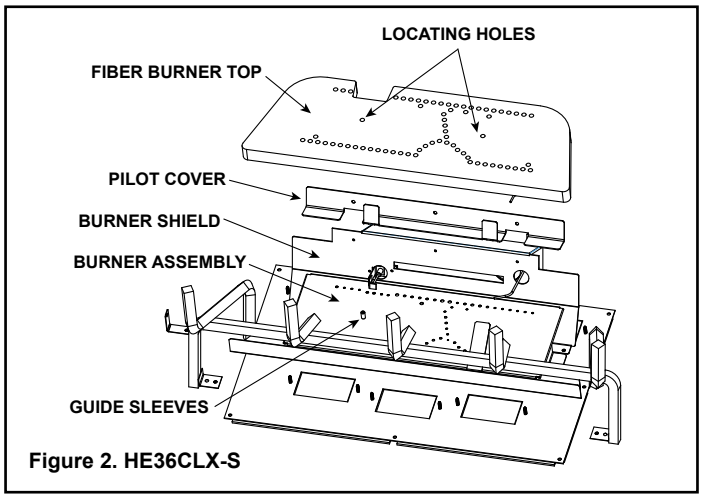


Figure 2. HE36CLX-S

CAUTION: *Logs are fragile, handle with care.*
NOTICE: *Paint Touch Up Kit (2372-099) may be ordered from your dealer to repair chips and scratches if necessary.*

Log #1 (2166-721): Locate log placement tabs on the pilot cover. Bend tabs upward as shown in Figure 3. Tabs should be in a vertical orientation. A pliers may need to be used. Locate the log placements slots on the bottom of Log # 1. See Figure 4. Mate the slots located on the bottom of Log #1 with the placement log tabs on the pilot cover. Log # 1 is properly installed when it sits squarely and completely on pilot cover with tabs engaged. See Figure 5.

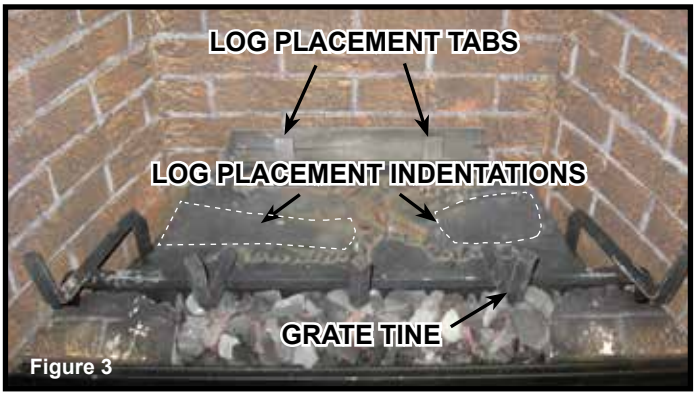


Figure 3

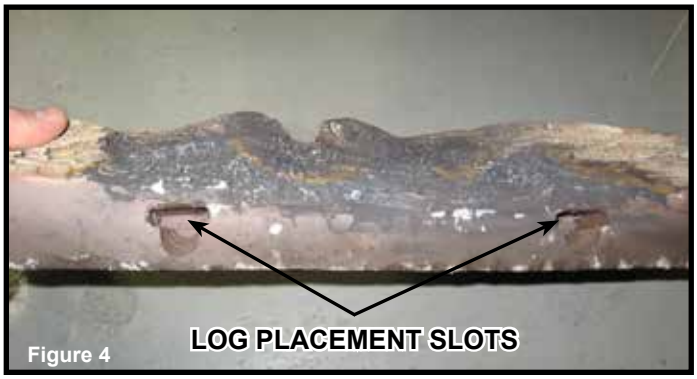


Figure 4

Figure 5 shows the log placement protrusions located on the top of Log # 1. The protrusions will be mated with the grooves located on the bottom of Log #2 and Log #3. See Figure 6. Log #2 and Log #3 also have grooves that allow the logs to be seated properly on the grate. See Figure 6. Hold Log #1 upright while placing Log #2.



Figure 5

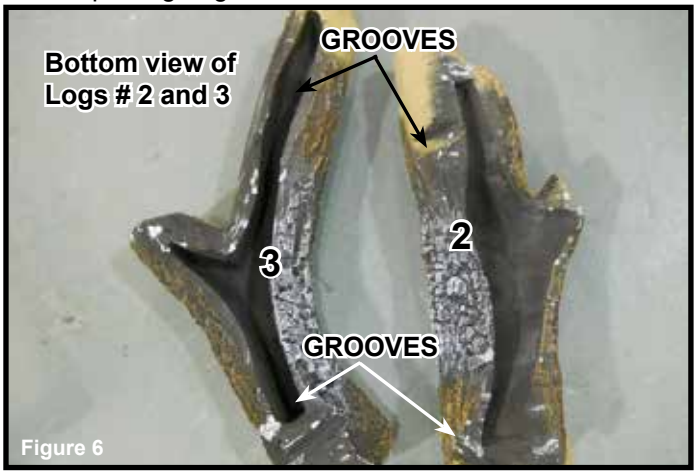


Figure 6

Log #2 (2166-722): Mate the groove located on the bottom of Log #2 with the left protrusion on top of Log #1. After groove and protrusion have been fitted together, mate the groove located on the bottom of Log #2 with the horizontal grate bar and slide Log # 2 toward the left until it rests against the far left grate tine. See Figure 7.

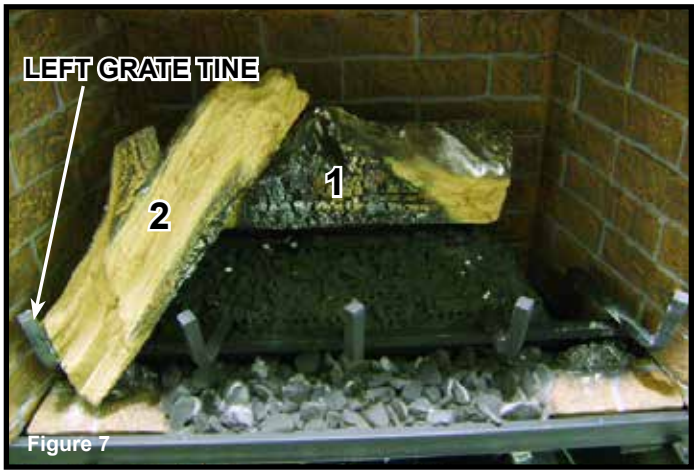


Figure 7

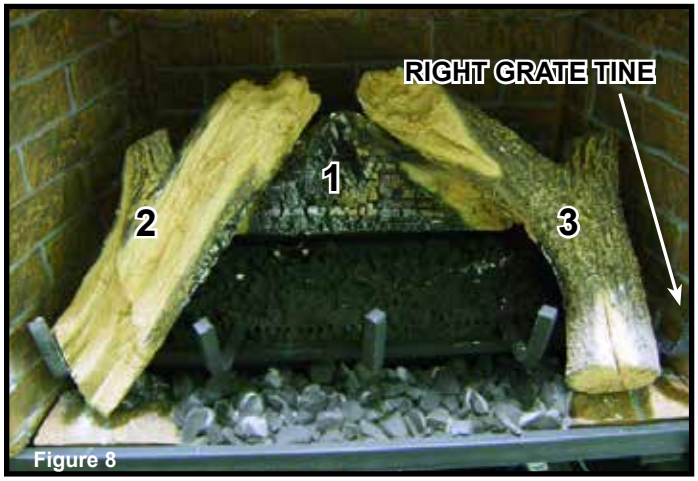


Figure 8

Log #3 (2166-723): Mate the groove located on the bottom of Log #3 with the right log placement protrusion on top of Log #1. After groove and protrusion have been fitted together, mate the groove located on the bottom of Log #3 with the horizontal grate bar and slide Log # 3 toward the right until it rests against the far right grate tine. See Figure 8.

Log #4 (2166-724): Place Log #4 in the left log indentation on the burner top. See Figure 3. Slide Log # 4 from right to left under Log #2 to fit completely and securely into the indentation. See Figure 9. Nose of log #4 should be pulled to fit securely against right hand side of log indentation.

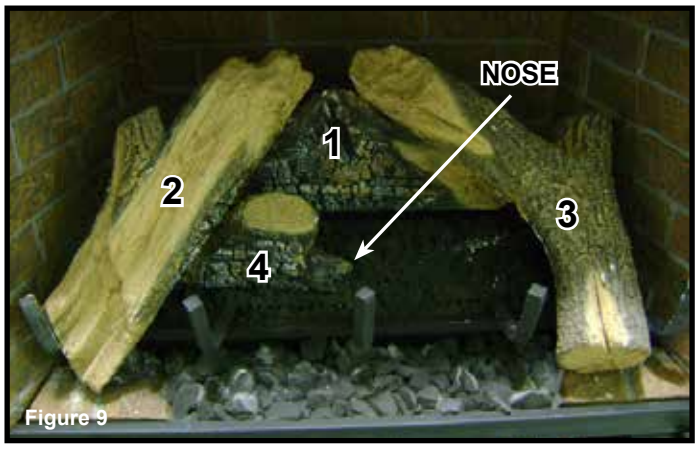


Figure 9

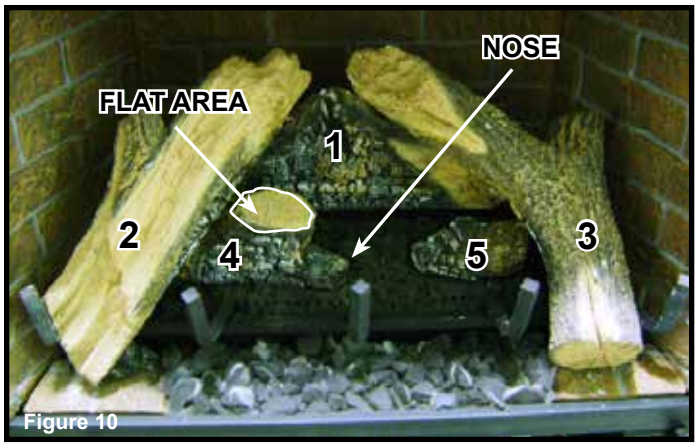


Figure 10

Log #5 (2166-725): Place Log #5 in the right log indentation on the burner top. See Figure 3. Ensure the log fits completely and securely in the recessed indentation. See Figure 10. Log #5 should be pulled to the left hand side of log indentation. Rotate right side of Log #5 toward the back of the indentation.

Log #6 (2166-726): Mate the groove located on the lower end of Log #6 with the fourth grate tine (from left to right) as shown in Figure 11. Set the other end of Log #6 on the flat area located on top of Log #4. See Figure 10. Log #6 will also rest against center grate tine. When properly installed, Log #6 will rest securely on all 3 contact points, not allowing movement or shifting.

Log #7 (2166-727): Place back (unnotched) end of Log #7 on the flat area on the top of Log #5. Log #7 must be pulled tight to the locating notch. Pivot the front (notched) end of Log #7 to the right until the notch of Log #7 contacts the grate tine located 4th from the left as shown in Figure 12.

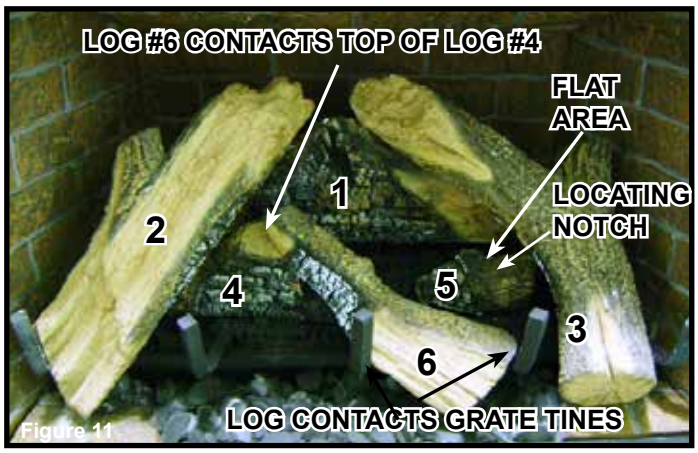


Figure 11

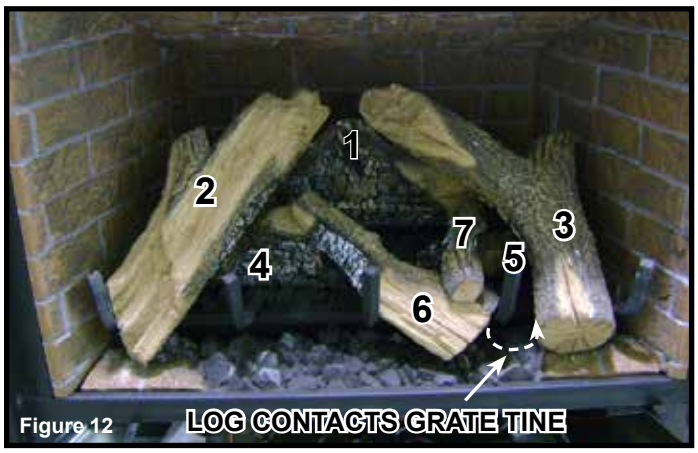


Figure 12

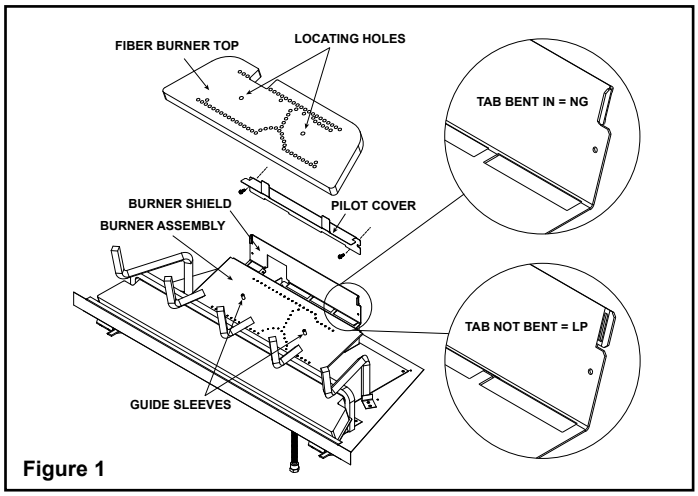


Figure 1

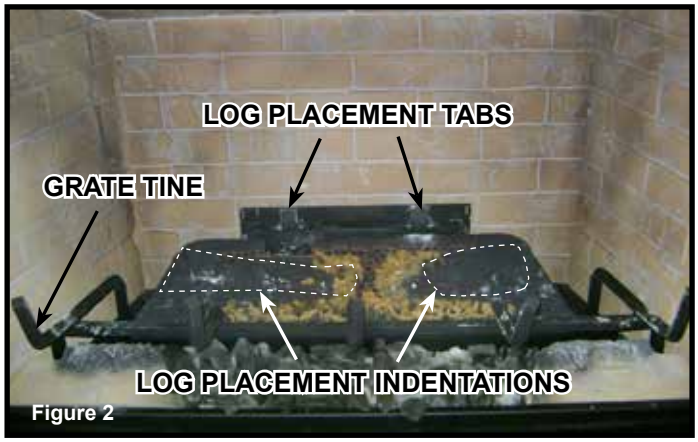


Figure 2

CAUTION: *Logs are fragile, handle with care.*
NOTICE: *Paint Touch Up Kit (2372-099) may be ordered from your dealer to repair chips and scratches if necessary.*

Log #1 (2170-721): Locate log placement tabs on the pilot cover. Bend tabs upward as shown in Figure 2. Tabs should be in a vertical orientation. A pliers may need to be used. Locate log placement slots on the bottom of Log #1. See Figure 3. Mate slots located on the bottom of Log #1 with the log placement tabs on the pilot cover. Log #1 is properly installed when it sits squarely and completely on the pilot cover with log placement tabs engaged. See Figure 4.

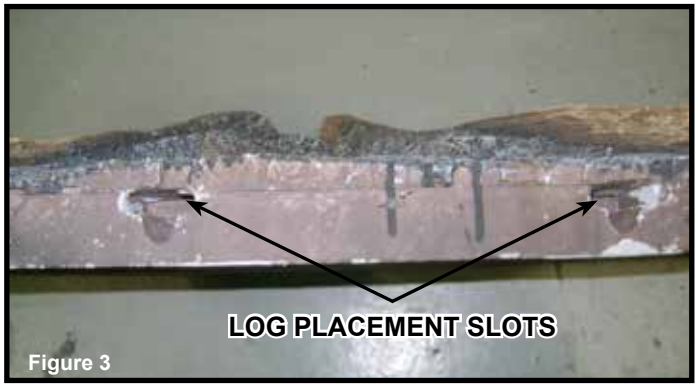


Figure 3



Figure 4

Figure 4 shows the log placement protrusions located on the top of Log # 1. The protrusions will be mated with the grooves located on the bottom of Log #2 and Log #3. See Figure 5. Log #2 and Log #3 also have grooves that allow the logs to be seated properly on the grate. See Figure 5. Hold Log #1 upright while placing Log #2.

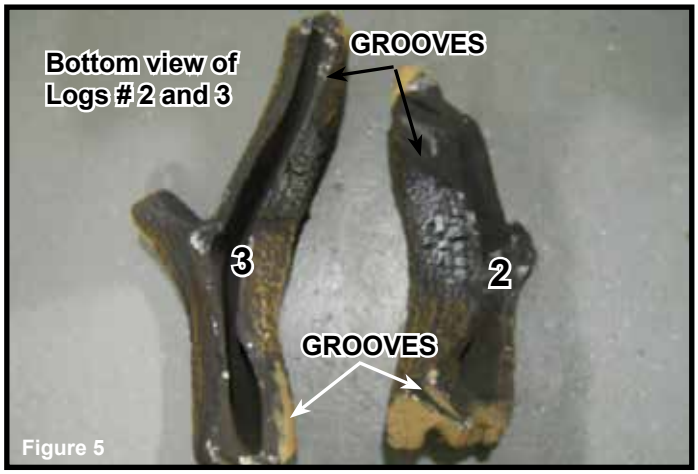


Figure 5

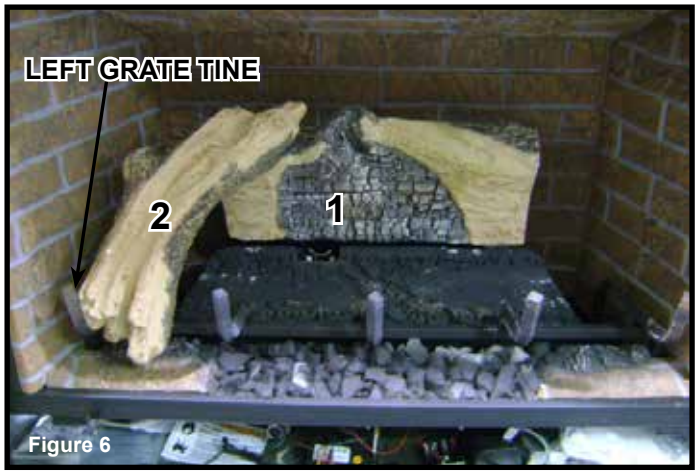


Figure 6

Log #2 (2170-722): Mate the groove located on the bottom of Log #2 with the left protrusion on top of Log #1. After groove and protrusion have been fitted together, mate the groove located on the bottom of Log #2 with the horizontal grate bar and slide Log # 2 toward the left until it rests against the far left grate tine.

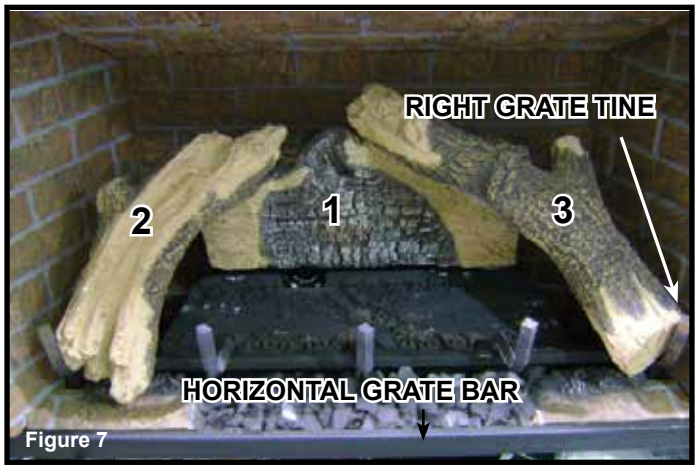


Figure 7

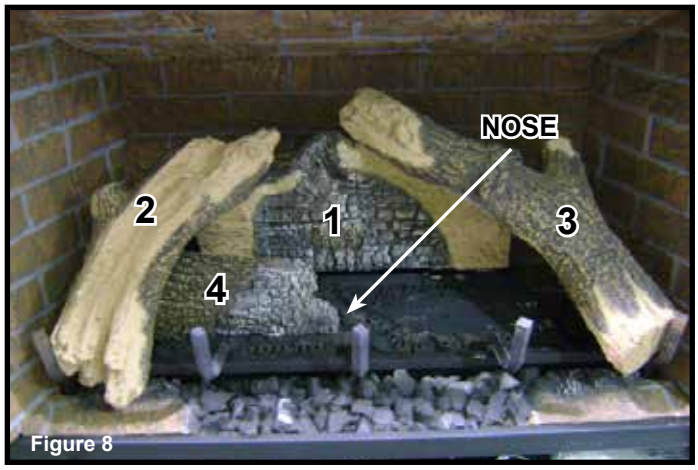


Figure 8

Log #3 (2170-723): Mate the groove located on the bottom of Log #3 with the right log placement protrusion on top of Log #1. After groove and protrusion have been fitted together, mate the groove located on the bottom of Log #3 with the horizontal grate bar and far right grate tine. Log #3 will sit down on top of both the grate tine and the horizontal grate bar. See Figure 7.

Log #4 (2170-724): Place Log #4 in the left log indentation on the burner top. See Figure 2. Slide Log # 4 from right to left under Log #2 to fit completely and securely into the indentation. See Figure 8. Nose of log #4 should be pulled to fit securely against right hand side of log indentation.

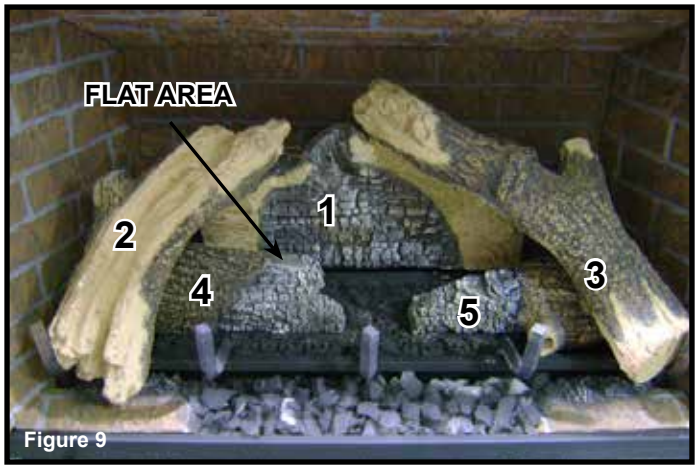


Figure 9



Figure 10

Log #5 (2170-725): Place Log #5 in the right log indentation on the burner top. See Figure 2. Ensure the log fits completely and securely in the recessed indentation. See Figure 9. Log #5 should be pulled to the left hand side of log indentation.

Log #6 (2170-726): Mate the groove located on the lower end of Log #6 with the fourth grate tine (from left to right) as shown in Figure 10. Set the other end of Log #6 on the flat area located on top of Log #4. See Figure 9. Log #6 will also rest against center grate tine. When properly installed, Log #6 will rest securely on all 3 contact points, not allowing movement or shifting.

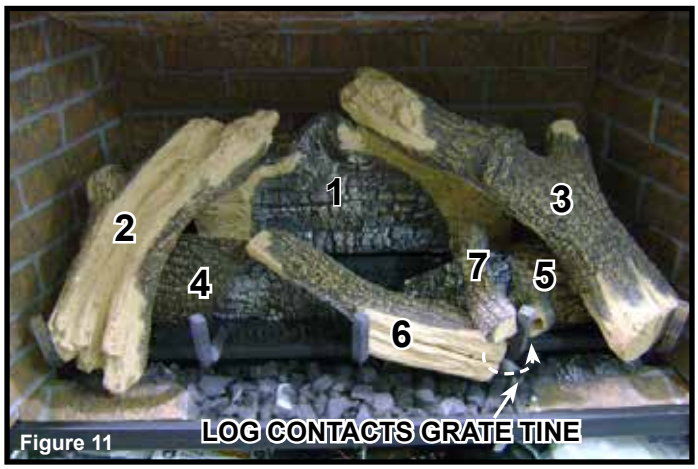


Figure 11

Log #7 (2166-727): Place back (unnotched) end of Log #7 on the flat area on the top of Log #5. Log #7 must be pulled tight to the locating notch. Pivot the front (notched) end of Log #7 to the right until the notch of Log #7 contacts the grate tine located 4th from the left as shown in Figure 11.

2170-945D

J. Fixed Glass Assembly

WARNING! Risk of Asphyxiation! *Handle fixed glass assembly with care. Inspect the gasket to ensure it is undamaged and inspect the glass for cracks, chips or scratches.*

- ***DO NOT*** *strike, slam or scratch glass.*
- ***DO NOT*** *operate fireplace with glass removed, cracked, broken or scratched.*
- *Replace as a complete assembly.*

Removing Fixed Glass Assembly

- Pull the four glass assembly latches out of the groove on the glass frame. Remove glass door from the appliance (see Figure 14.8).

Replacing Fixed Glass Assembly

- Replace the glass door on the appliance. Pull out and latch the four glass assembly latches into the groove on the glass frame.

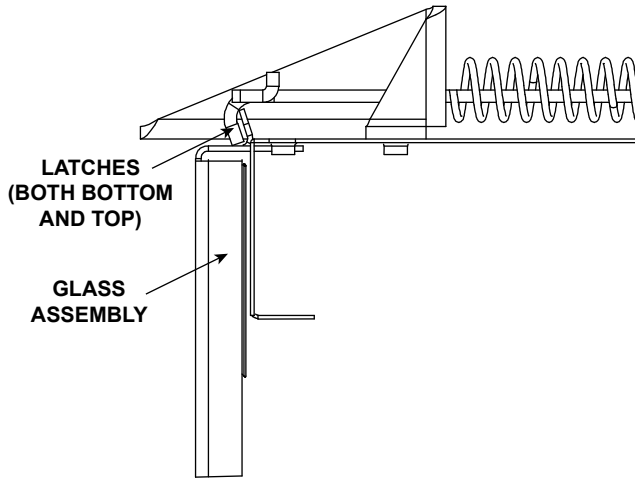


Figure 14.8 Fixed Glass Assembly

K. Install Trim and/or Surround

- Install optional trim kits and/or surrounds using the instructions included with the accessory.
- Use non-combustible materials to cover the gap between the sheet rock and the appliance (when applicable to the model).

L. Air Shutter Setting

Air shutter settings should be adjusted by a qualified service technician at the time of installation. The air shutter is set at the factory for minimum vertical vent run. Adjust air shutter for longer vertical runs. See Figure 14.9.

- Loosen the wing nut.
- Move the air handle to the left to open the air shutter.
- Move the air handle to the right to close the air shutter.
- Tighten the wing nut.

NOTICE: *If sooting occurs, provide more air by opening the air shutter.*

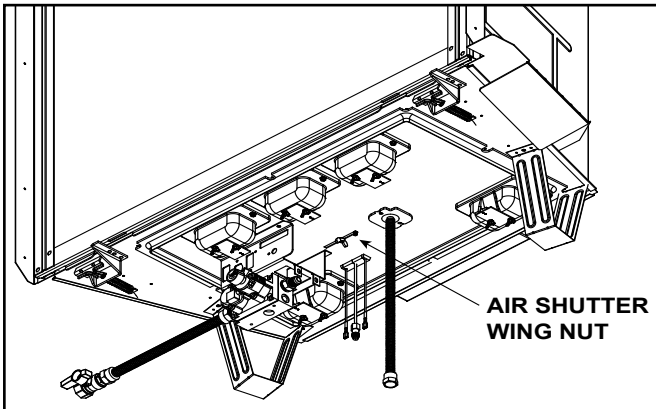


Figure 14.9 Air Shutter

Air Shutter Settings

	NG	LP
6000	5/8 in.	Fully Open
8000	5/16 in.	Fully Open

15 Troubleshooting

With proper installation, operation, and maintenance your gas appliance will provide years of trouble-free service. If you do experience a problem, this troubleshooting guide will assist a qualified service technician in the diagnosis of a problem and the corrective action to be taken. This troubleshooting guide can only be used by a qualified service technician. Contact your dealer to arrange a service call by a qualified service technician.

A. IntelliFire™ Plus Ignition System

Symptom	Possible Cause	Corrective Action
1. Pilot won't light. The ignitor/module makes noise, but no spark.	A. Incorrect wiring.	Verify "S" wire (white) for sensor and "I" wire (orange) for ignitor are connected to correct terminals on module and pilot assembly.
	B. Loose connections or electrical shorts in the wiring.	Verify no loose connections or electrical shorts in wiring from module to pilot assembly. Verify connections underneath pilot assembly are tight; also verify igniter and flame sense wires are not grounding out to metal chassis, pilot burner, pilot enclosure, mesh screen if present, or any other metal object.
	C. Ignitor gap is too large.	Verify gap of igniter to right side of pilot hood. The gap should be approximately .095 in. (2.41 mm) to .135 in. (3.43 mm).
2. Pilot won't light, there is no noise or spark.	A. No power, transformer installed incorrectly, or depleted batteries.	Verify that transformer is installed and plugged into module. Check voltage of transformer at connection to module. Acceptable readings of a good transformer are between 6.4 and 6.6 volts DC. Battery power supply voltage must be at least 4 volts. If less than 4 volts, replace batteries.
	B. A shorted or loose connection in wiring configuration or wiring harness.	Remove and reinstall the wiring harness that plugs into module. Verify there is a tight fit. Verify pilot assembly wiring to module. Remove and verify continuity of each wire in wiring harness. Replace any damaged components.
	C. Improper wall switch wiring.	Verify that 110-120 VAC power is "ON" to junction box.
	D. Module not grounded.	Verify black ground wire from module wire harness is grounded to metal chassis of appliance.
3. Pilot sparks, but Pilot will not light.	A. Gas supply.	Verify that incoming gas line ball valve is "open". Verify that inlet pressure reading is within acceptable limits.
	B. Ignitor gap is too large.	Verify gap of igniter to right side of pilot hood. The gap should be approximately .095 in. (2.41 mm) to .135 in. (3.43 mm).
	C. Module is not grounded.	Verify module is securely grounded to metal chassis of appliance.
	D. Pilot valve solenoid.	Verify that 1.5 to 1.8 VDC is supplied to pilot solenoid from module. If below 1.5 volts, replace module. If 1.5 volts or greater, replace valve.

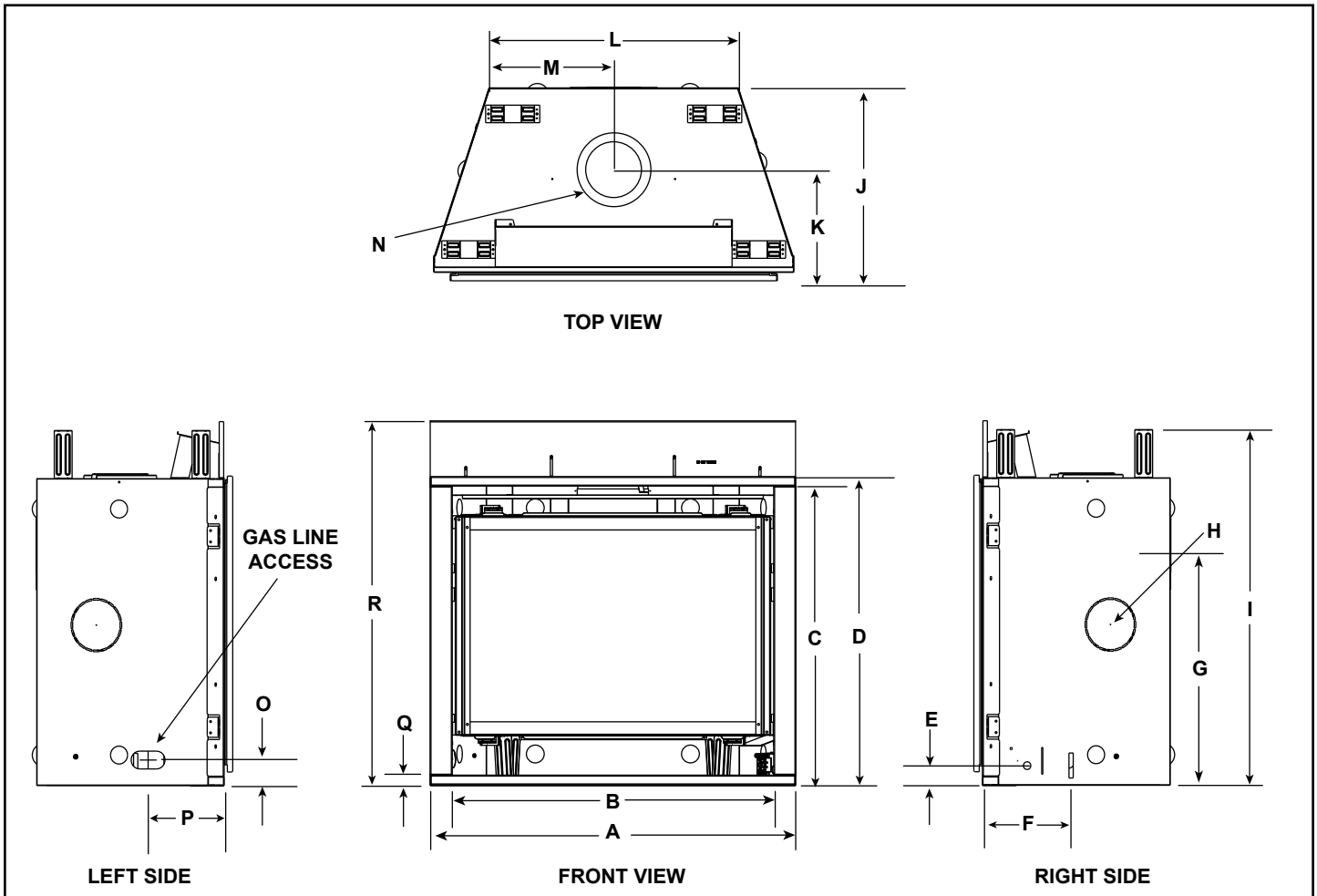
Troubleshooting (continued)

Symptom	Possible Cause	Corrective Action
4. Pilot lights but continues to spark, and main burner will not ignite. (If the pilot continues to spark after the pilot flame has been lit, flame rectification has not occurred.)	A. A shorted or loose connection in flame sensing rod.	Verify all connections to wiring diagram in manual. Verify connections underneath pilot assembly are tight. Verify flame sense or igniter wires are not grounding out to metal chassis, pilot burner, pilot enclosure or screen if present, or any other metal object.
	B. Poor flame rectification or contaminated flame sensing rod.	With fixed glass assembly in place, verify that flame is engulfing flame sensing rod on left side of pilot hood. Flame sensing rod should glow shortly after ignition. With a multimeter, verify that current in series between module and sense lead is at least 0.14 microamps. Verify correct pilot orifice is installed and gas inlet is set to pressure specifications. Polish flame sensing rod with fine steel wool to remove any contaminants that may have accumulated on flame sensing rod.
	C. Module is not grounded.	Verify module is securely grounded to metal chassis of appliance. Verify that wire harness is firmly connected to the module.
	D. Damaged pilot assembly or contaminated flame sensing rod.	Verify that ceramic insulator around the flame sensing rod is not cracked, damaged, or loose. Verify connection from flame sensing rod to white sensor wire. Polish flame sensing rod with fine steel wool to remove any contaminants that may have accumulated on flame sensing rod. Verify continuity with a multi-meter with ohms set at lowest range. Replace pilot if any damage is detected.

16 Reference Materials

A. Appliance/Decorative Front Dimension Diagrams

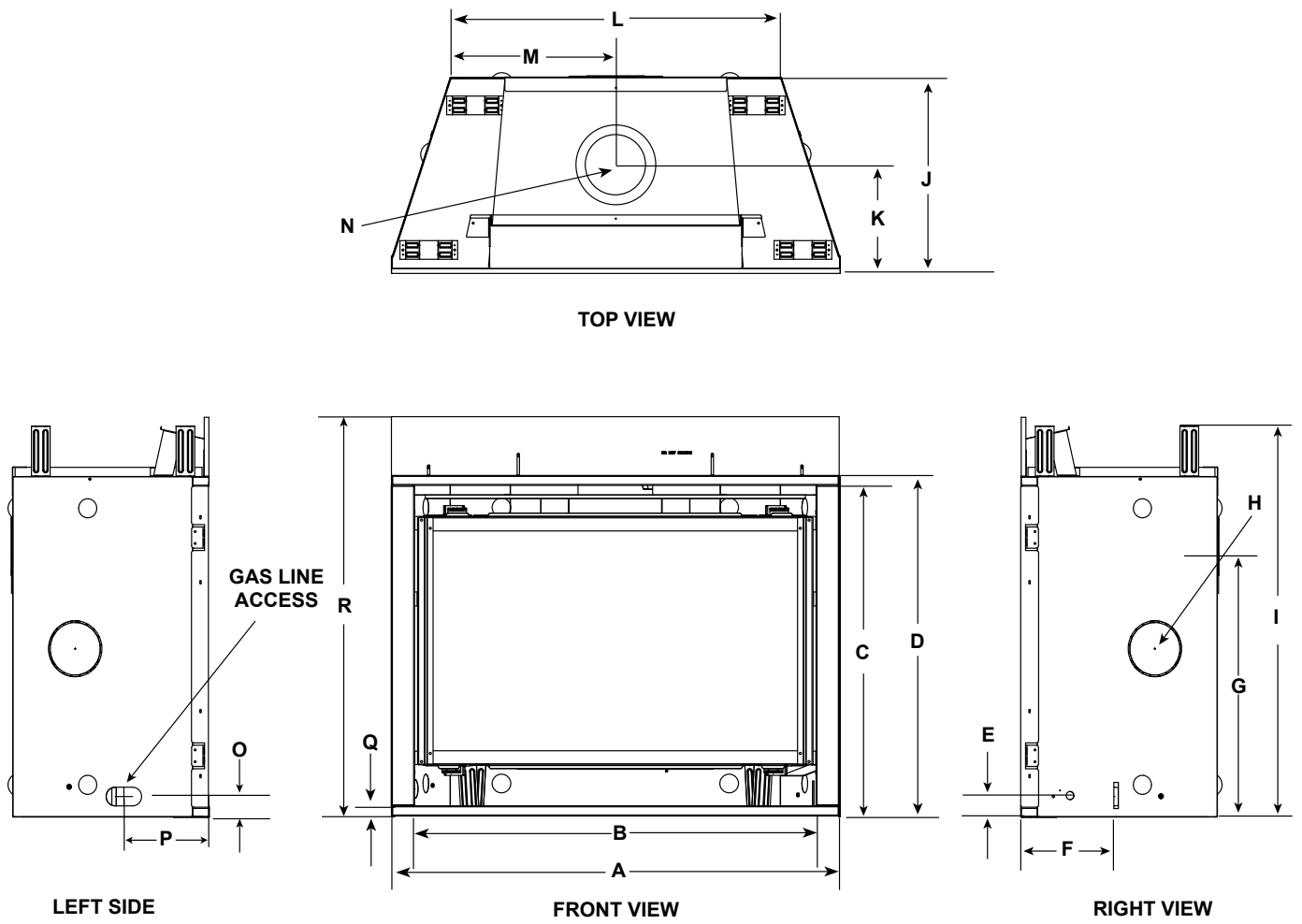
Dimensions are actual appliance dimensions. Use for reference only. For framing dimensions and clearances refer to Section 5.



Location	Inches	Millimeters
A	41	1041
B	36-1/8	918
C	33-1/2	851
D	34-5/8	879
E	2-1/4	57
F	9-11/16	246
G	26-7/8	683
H	6 dia.	152
I	39-7/8	1013

Location	Inches	Millimeters
J	21	533
K	11-11/16	297
L	28-1/2	724
M	14-1/4	362
N	8-1/2	216
O	2-7/8	73
P	8-1/2	216
Q	1	25
R	40-7/8	1038

Figure 16.1 Appliance Dimensions-6000 Models

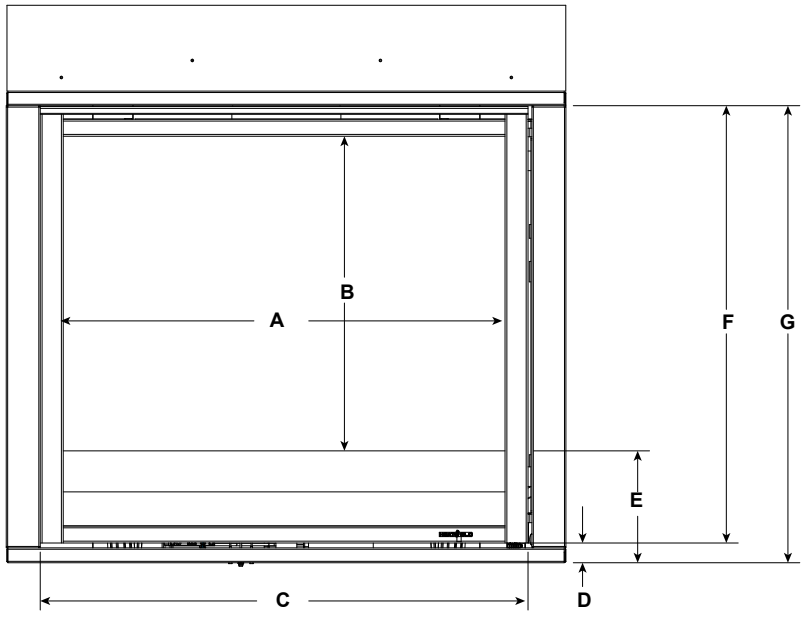


Location	Inches	Millimeters
A	48	1219
B	43-1/8	1096
C	35-1/2	902
D	36-5/8	930
E	2-3/8	60
F	9-15/16	252
G	28-7/8	734
H	6	152
I	41-7/8	1064

Location	Inches	Millimeters
J	21	533
K	11-11/16	297
L	35-1/2	901
M	17-3/4	451
N	8-1/2	216
O	2-7/8	73
P	8-1/2	216
Q	1	25
R	42-7/8	1089

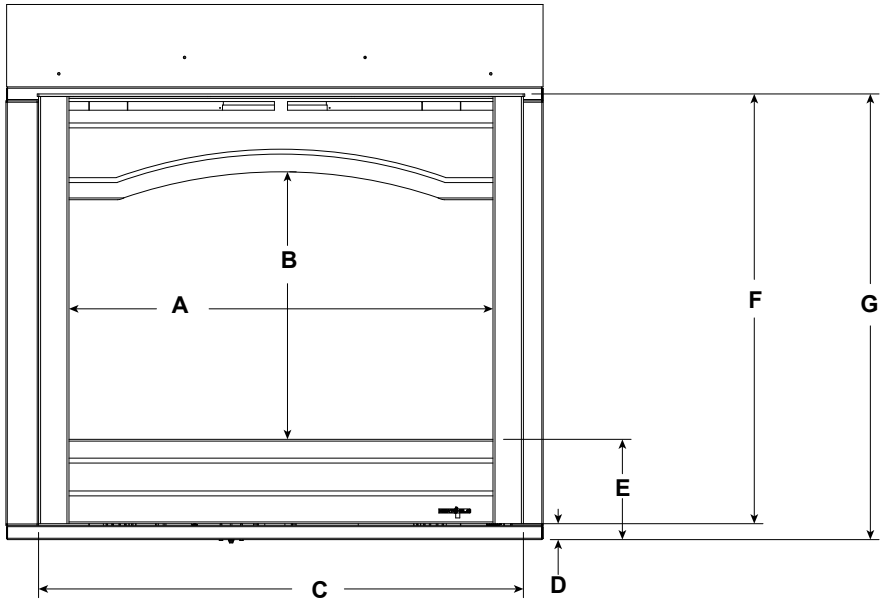
Figure 16.2 Appliance Dimensions-8000 Models

FOLIO DECORATIVE FRONTS



			A	B	C	D	E	F	G
6000	FOL-36	in.	32-7/16	23-1/8	35-13/16	1-1/2	8-1/4	32-1/8	33-9/16
		mm	824	587	910	38	210	816	853
8000	FOL-42	in.	39-7/16	25-5/16	42-13/16	1-1/2	8-1/4	34-1/8	35-11/16
		mm	1002	643	1087	38	210	867	907

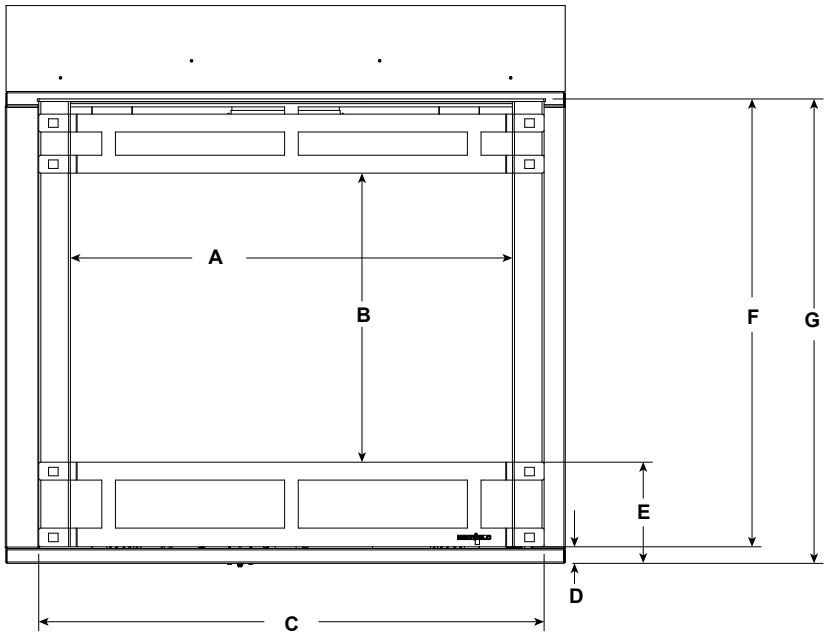
ARCADIA DECORATIVE FRONTS



			A	B	C	D	E	F	G
6000	ARC-36	in.	32-7/16	20-1/2	37-1/16	1-1/4	7-11/16	32-7/8	34-1/16
		mm	824	521	941	32	195	835	865
8000	ARC-42	in.	39-7/16	22-7/16	44-1/16	1-1/4	7-7/16	34-13/16	36
		mm	1002	570	1119	32	189	884	914

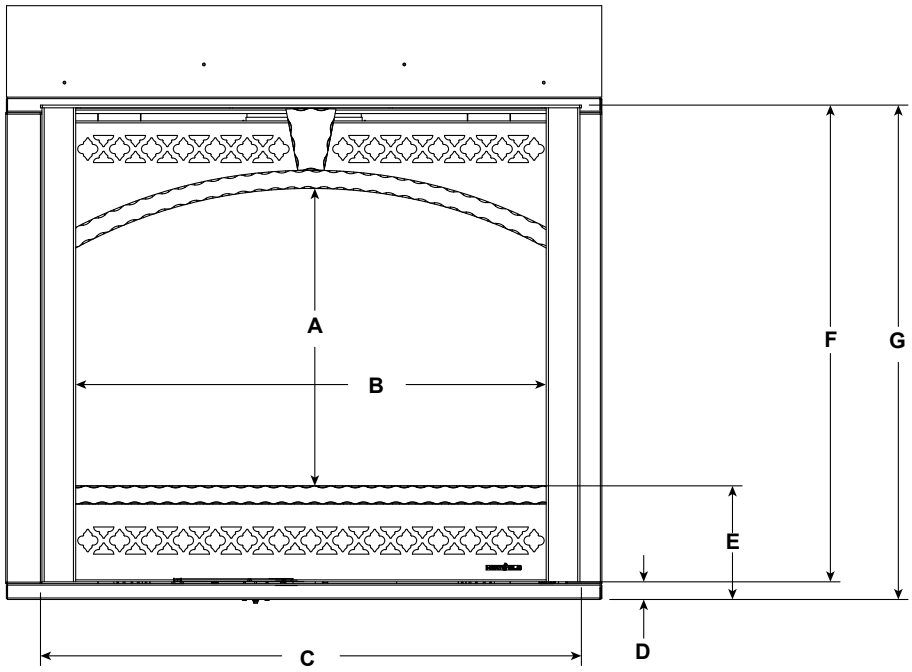
Figure 16.3 Decorative Front Dimensions - Folio and Arcadia

HALSTON DECORATIVE FRONTS



			A	B	C	D	E	F	G
6000	HAL-36	in.	32-7/16	21-1/4	37-1/16	1-1/4	7-7/16	32-7/8	34-1/8
		mm	824	540	941	32	189	835	867
8000	HAL-42	in.	39-7/16	23-3/16	44-1/16	1-1/4	7-7/16	34-13/16	36
		mm	1002	589	1119	32	189	884	914

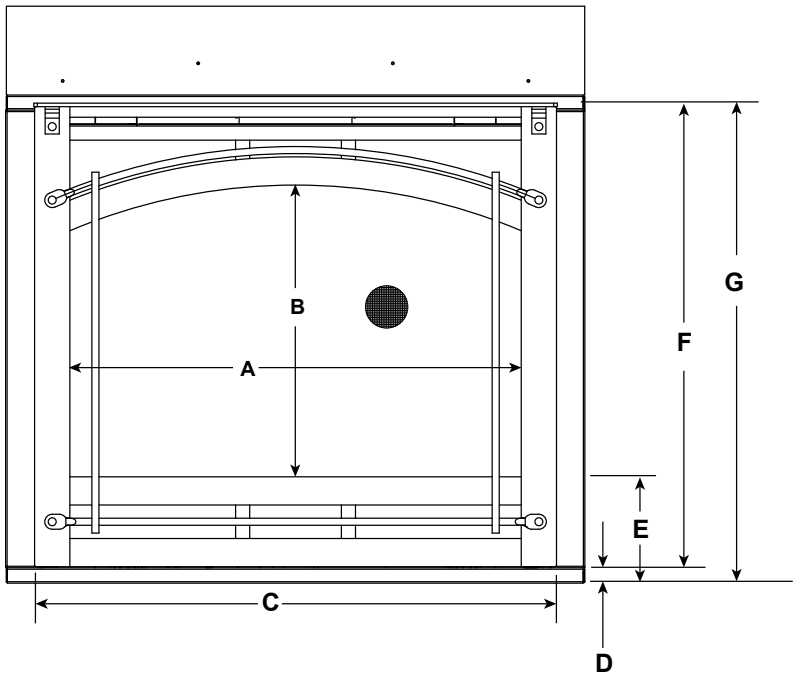
CHATEAU DECORATIVE FRONTS



			A	B	C	D	E	F	G
6000	CHA-36	in.	20-1/2	32-7/16	37-5/16	1-1/2	7-7/8	32-7/8	34-1/8
		mm	521	824	948	38	200	835	867
8000	CHA-42	in.	22-7/16	39-7/16	44-1/16	1-1/4	7-7/16	34-13/16	36
		mm	570	1002	1119	32	189	884	914

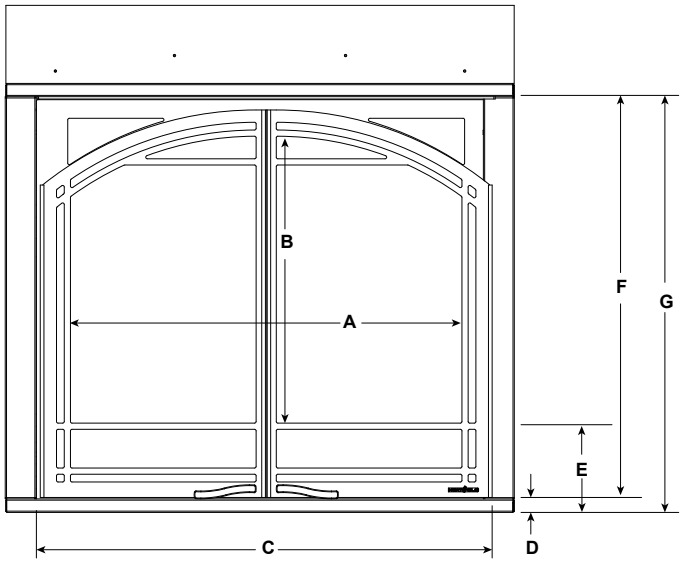
Figure 16.4 Decorative Front Dimensions - Halston and Chateau

CHATEAU FORGE DECORATIVE FRONTS



			A	B	C	D	E	F	G
6000	CHAF-36	in.	32	20-3/4	37-1/8	1-3/16	7-9/16	32-7/8	34-1/16
		mm	813	527	943	30	192	835	865
8000	CHAF-42	in.	39	22-5/8	44-1/8	1-1/4	7-5/8	34-3/4	36
		mm	991	575	1121	32	194	883	914

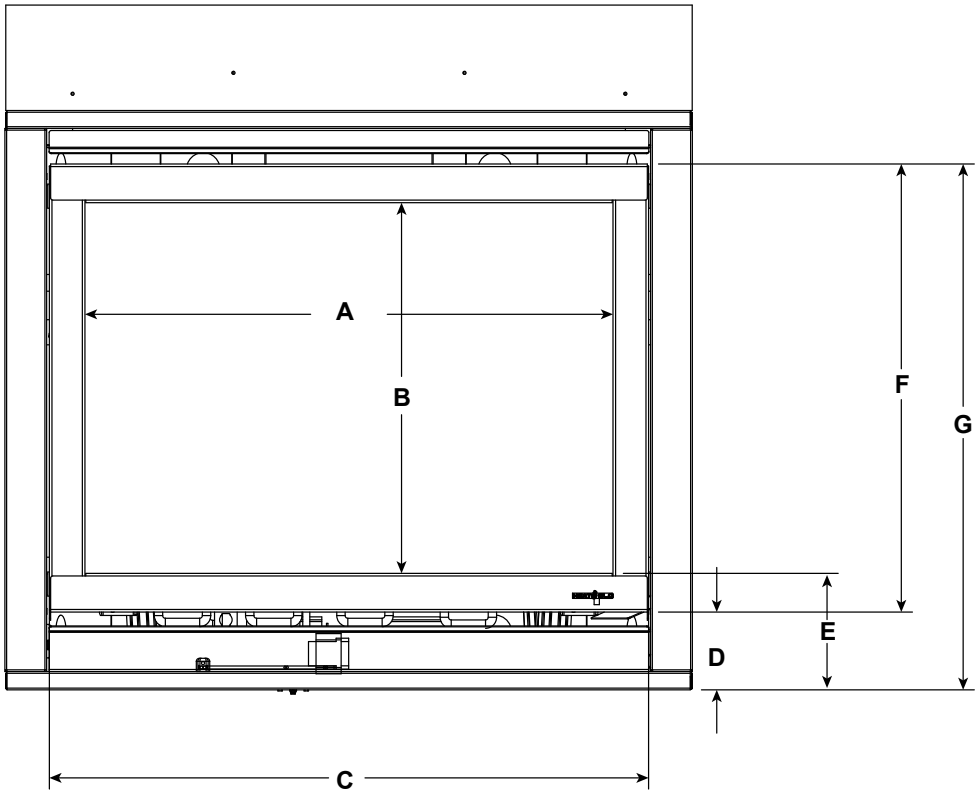
GALLERIA DECORATIVE FRONTS



			A	B	C	D	E	F	G
6000	GALLERIA-6	in.	31-9/16	20-7/8	37-1/8	1-1/4	7-3/4	32-7/8	34-1/16
		mm	802	530	943	32	197	835	865
8000	GALLERIA-8	in.	38-9/16	22-3/4	44-1/16	1-1/4	7-3/4	34-3/4	36
		mm	979	578	1121	32	197	883	914

Figure 16.5 Decorative Front Dimensions - Chateau Forge and Galleria

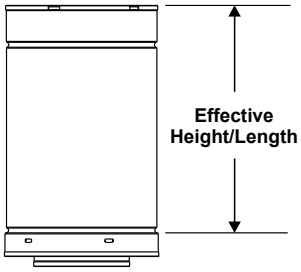
CLEAN FACE DECORATIVE FRONTS



			A	B	C	D	E	F	G
6000	CF-36	in.	31-9/16	22-1/8	35-13/16	4-5/8	6-15/16	26-3/4	31-7/16
		mm	802	562	910	117	176	679	799
8000	CF-42	in.	38-1/2	24-1/16	42-3/4	4-5/8	6-15/16	28-11/16	33-5/16
		mm	978	611	1086	117	176	679	846

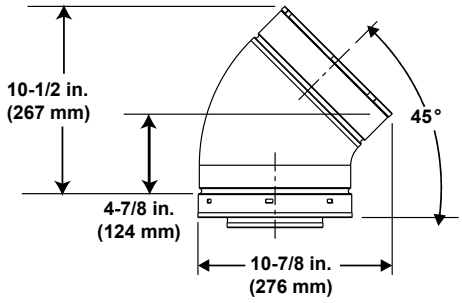
Figure 16.6 Decorative Front Dimensions - Clean Face

B. Vent Components Diagrams

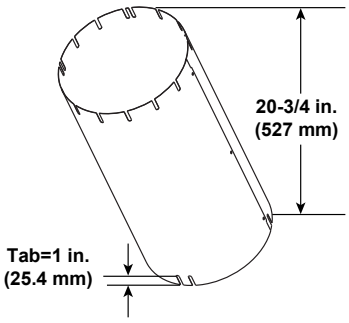


DVP Pipe (see chart)

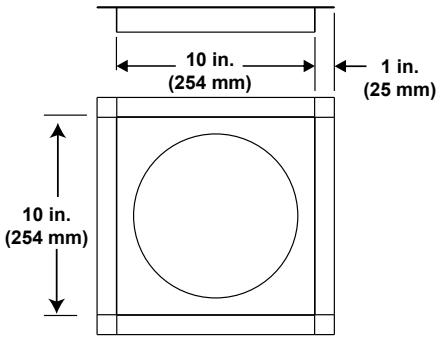
Pipe	Effective Length	
	Inches	Millimeters
DVP4	4	102
DVP6	6	152
DVP12	12	305
DVP24	24	610
DVP36	36	914
DVP48	48	1219
DVP6A	3 to 6	76 to 152
DVP12A	3 to 12	76 to 305



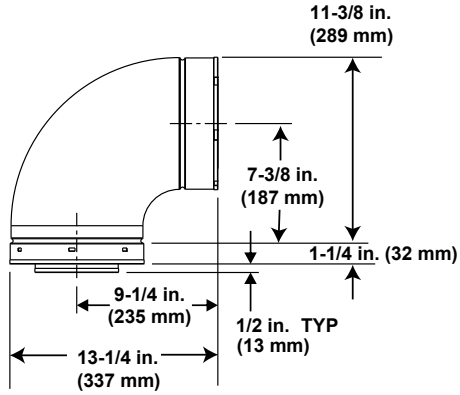
DVP45 (45º Elbow)



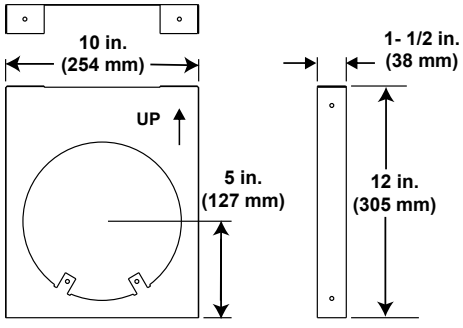
Finished Height: 19-3/4 in./502 mm
UNIV-AS2 (Attic Insulation Shield)



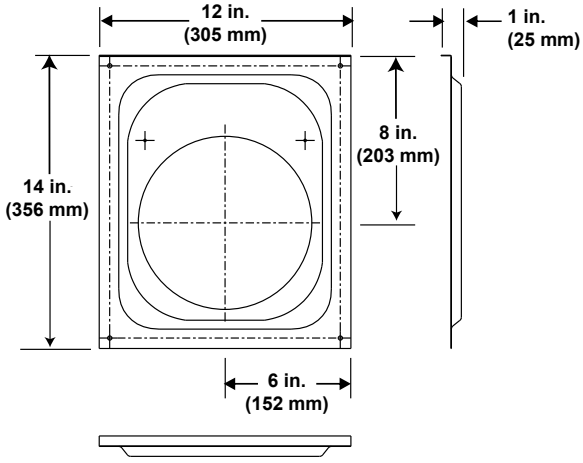
DVP-FS (Ceiling Firestop)



DVP90ST (90° Elbow)



DVP-HVS (Vent Support)

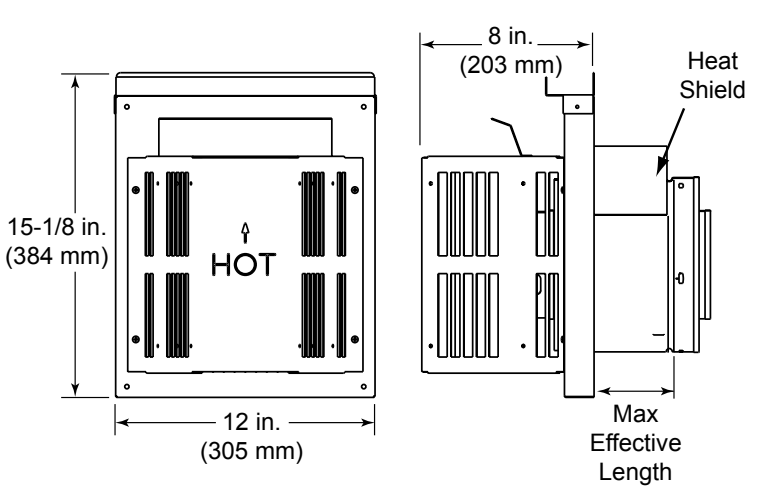


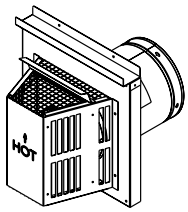
DVP-WS (Wall Shield Firestop)

Figure 16.7 DVP Vent Components

B. Vent Components Diagrams (*continued*)

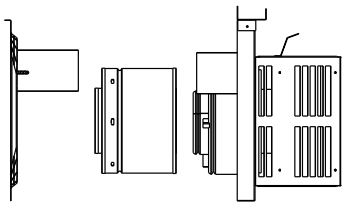
Note: Heat shields MUST overlap by a minimum of 1-1/2 in. (38 mm). **The heat shield is designed to be used on a wall 4 in. to 7-1/4 in. (102 mm to 184 mm) thick.** If wall thickness is less than 4 in. (102 mm) the existing heat shields must be field trimmed. If wall thickness is greater than 7-1/4 in. (184 mm) a DVP-HSM-B will be required.



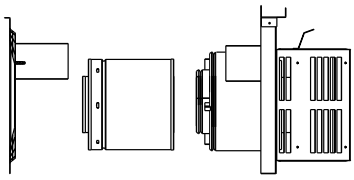


DVP-TRAP
Horizontal Termination Cap

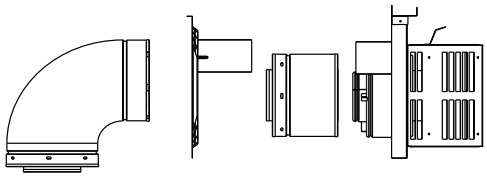
Term Cap	Minimum Effective Length	Maximum Effective Length
Trap1	3-1/8 in.	4-5/8 in.
	79 mm	117 mm
Trap2	5-3/8 in.	9-3/8 in.
	137 mm	238 mm



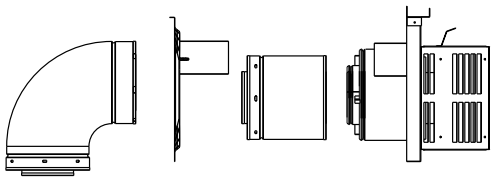
DVP-TRAP1



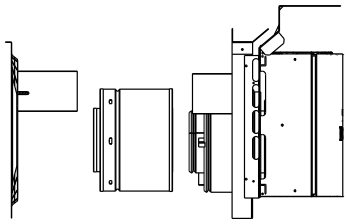
DVP-TRAP2



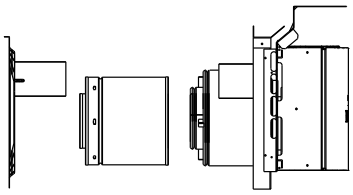
DVP-TRAPK1



DVP-TRAPK2



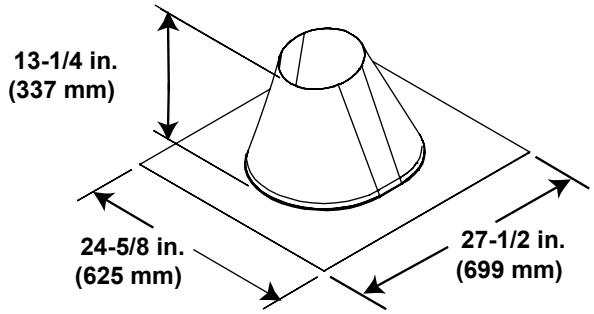
DVP-HPC1



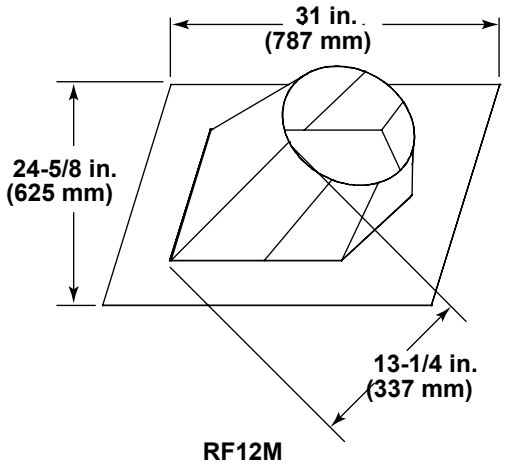
DVP-HPC2

Figure 16.8 DVP Vent Components

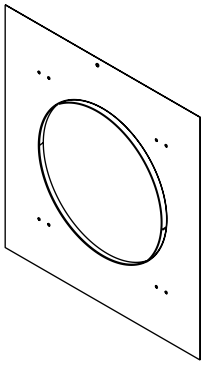
B. Vent Components Diagrams (*continued*)



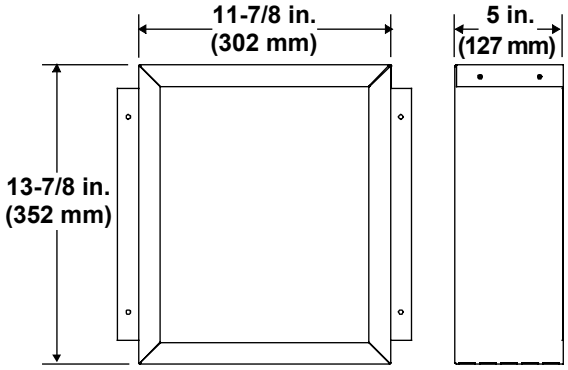
RF6M
Roof Flashing Multi-pak



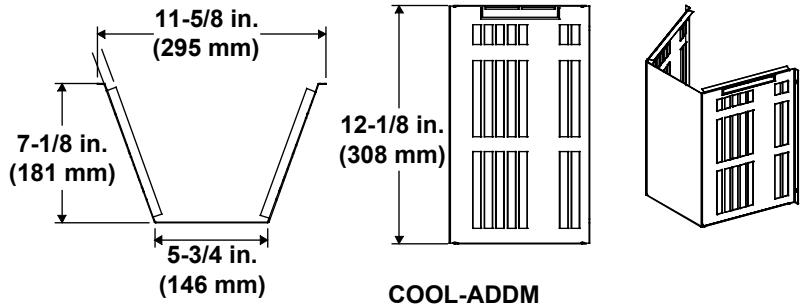
RF12M
Roof Flashing Multi-pak



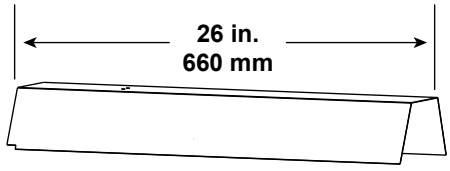
DVP-TRAPFL
Flashing



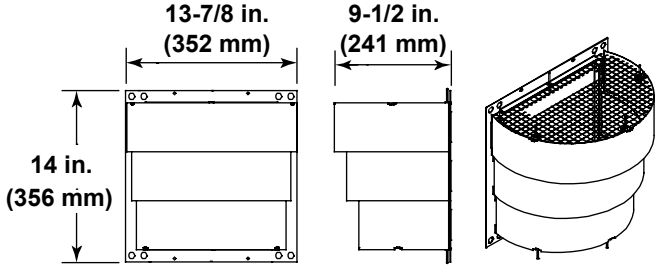
DVP-BEK2
DVP-HPC Cap Brick Extension



COOL-ADDM
Cap Shield



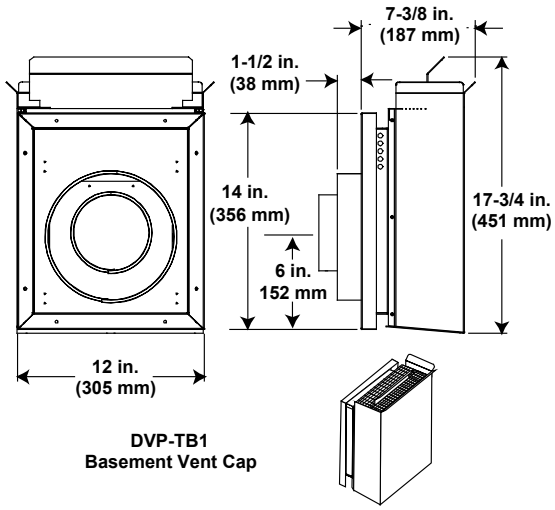
DVP-HSM-B
Extended Heat Shield



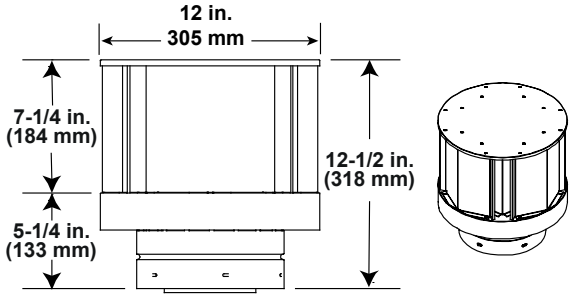
DRC-RADIUS
Cap Shield

Figure 16.9 DVP Vent Components

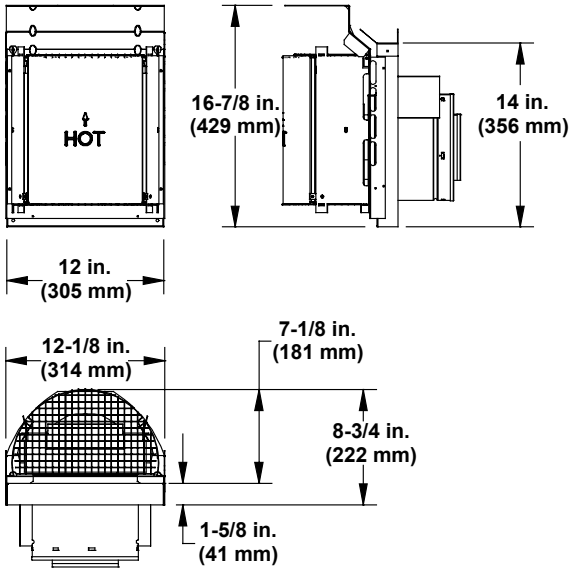
B. Vent Components Diagrams (*continued*)



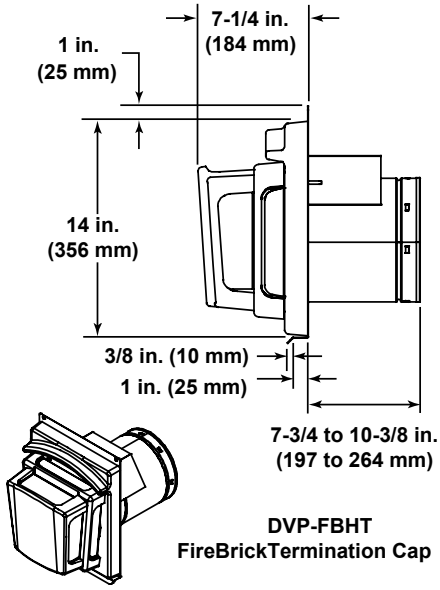
DVP-TB1
Basement Vent Cap



DVP-TVHW
VerticalTermination Cap (Highwind)



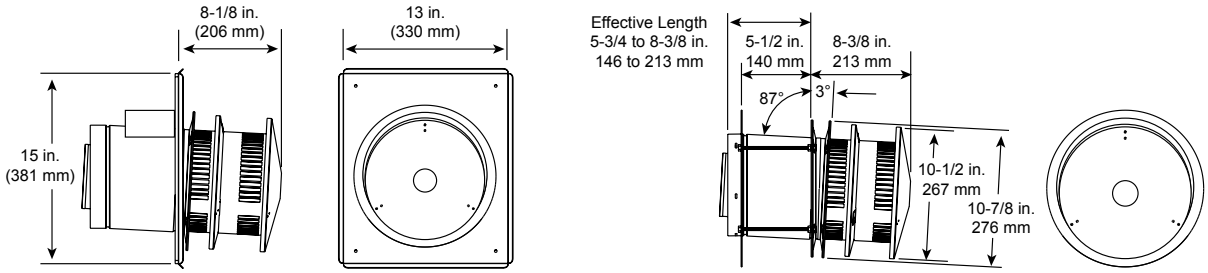
DVP High Performance Cap



DVP-FBHT
FireBrickTermination Cap

Figure 16.10 DVP Vent Components

B. Vent Components Diagrams *(continued)*

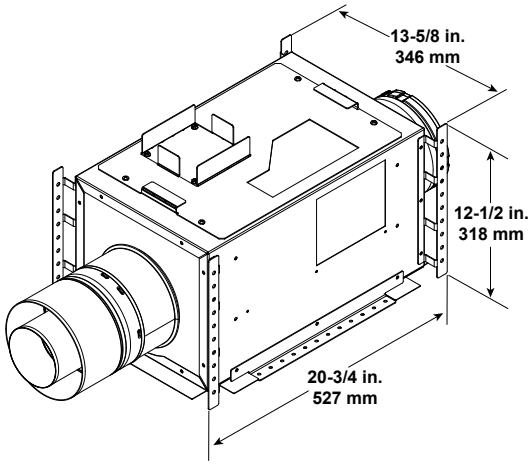


⚠ WARNING

Fire Risk.

- When using DVP-HRC-SS and DVP-HRC-ZC-SS termination cap on top vented fireplaces, a 6 inch minimum vertical vent section is required before installing first elbow.

DVP-HRC-SS
DVP-HRC-ZC-SS
HORIZONTAL TERMINATION CAP

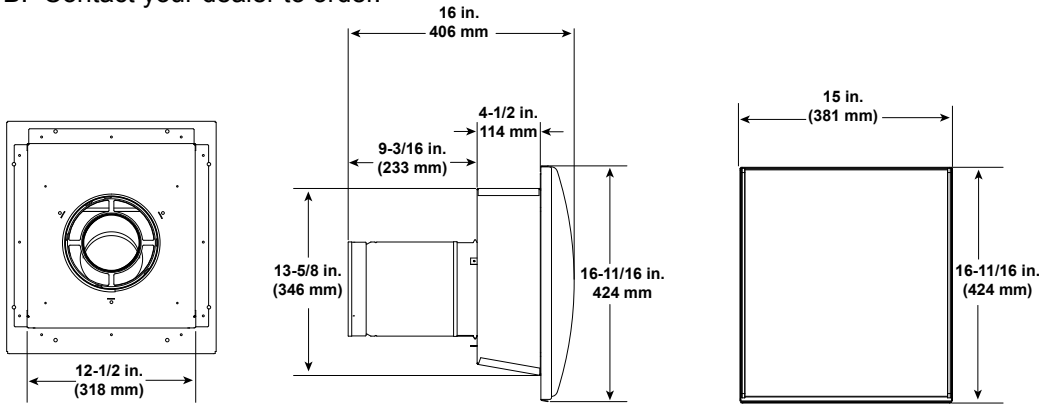


PVI-SLP-B
Power Vent Inline

Optional Wire Harness	
DESCRIPTION	**PART NUMBER**
10 ft. PV Wire Harness	PVI-WH10
20 ft. PV Wire Harness	PVI-WH20
40 ft. PV Wire Harness	PVI-WH40
60 ft. PV Wire Harness	PVI-WH60
80 ft. PV Wire Harness	PVI-WH80
100 ft. PV Wire Harness	PVI-WH100

Note: Wire harnesses required to power the PVI-SLP-B connect to the appliance and are ordered separately from PVI-SLP-B. Contact your dealer to order.

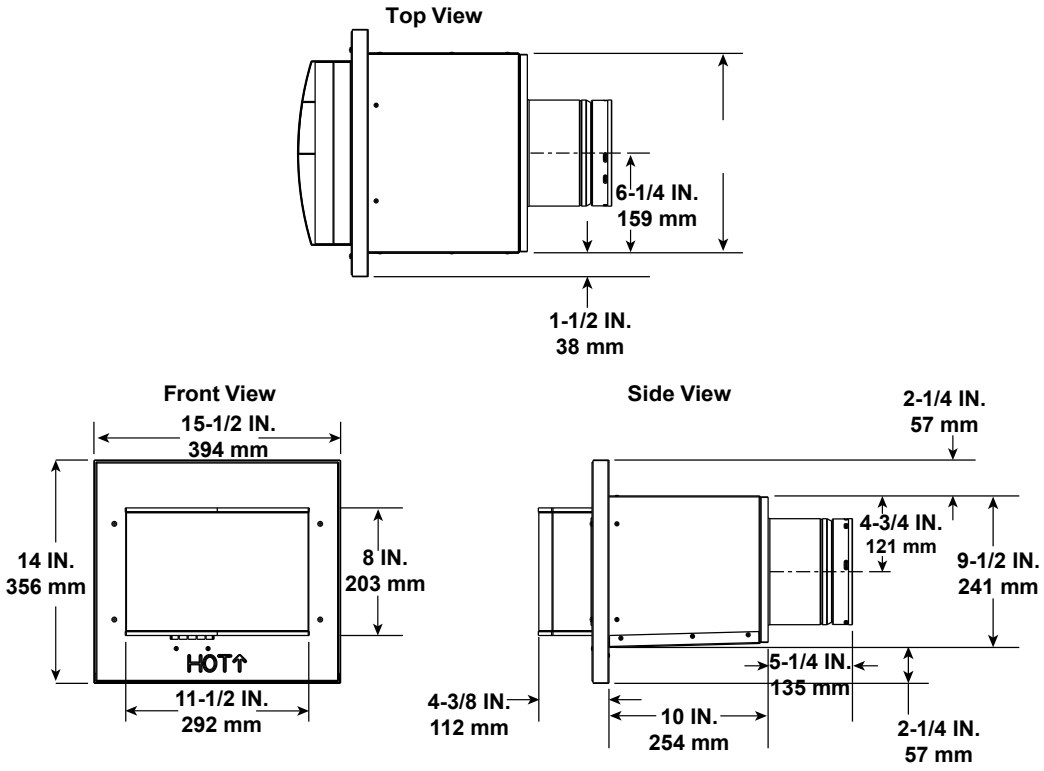
Note: The PVI-SLP-B requires a PV-IPI-CK be installed on this appliance. The PV-IPI-CK is ordered separately from the PVI-SLP-B. Contact your dealer to order.



SLP-LPC
SLP Low Profile Cap
(Approved for use with PVI-SLP-B only)

Figure 16.11 PVI-SLP-B Vent Components

B. Vent Components Diagrams *(continued)*

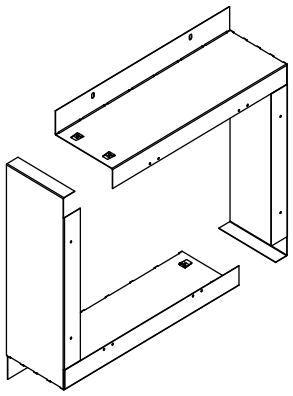


PVLP-SLP
Power Vent Low Profile

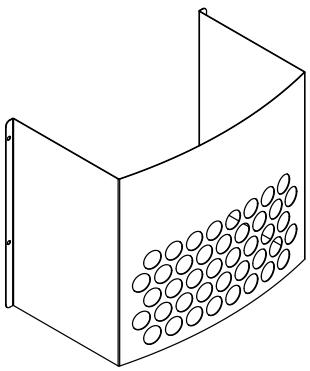
Note: Wire harnesses required to power the PVLP-SLP connect to the appliance and are ordered separately from PVLP-SLP. Contact your dealer to order.

Note: A PVLP-HS heat shield is available and sold separately. Use if the PVLP-SLP is installed in a high traffic area.

Note: The PVLP-SLP requires a PV-IPI-CK be installed on this appliance. The PV-IPI-CK is ordered separately from the PVLP-SLP. Contact your dealer to order.



PVLP-BEK
Brick Kit

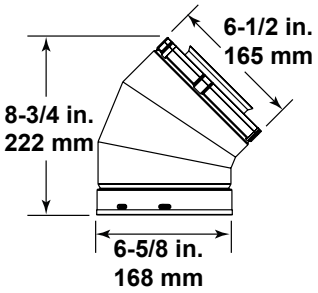


PVLP-HS
Heat Shield

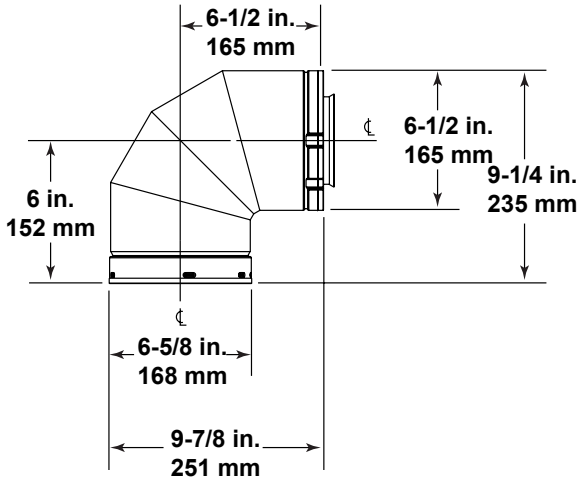
Required Wire Harness	
DESCRIPTION	**PART NUMBER**
10 FT PV Wire Harness	PVI-WH10
20 FT PV Wire Harness	PVI-WH20
40 FT PV Wire Harness	PVI-WH40
60 FT PV Wire Harness	PVI-WH60
80 FT PV Wire Harness	PVI-WH80
100 FT PV Wire Harness	PVI-WH100

Figure 16.12 PVLP-SLP Vent Components

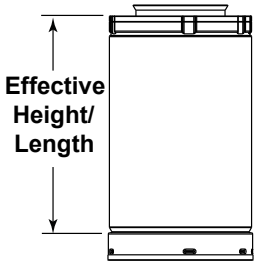
B. Vent Components Diagrams *(continued)*



SLP45
45° Elbow



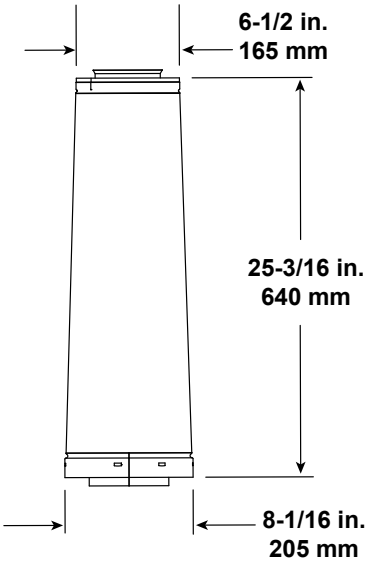
SLP90
90° Elbow



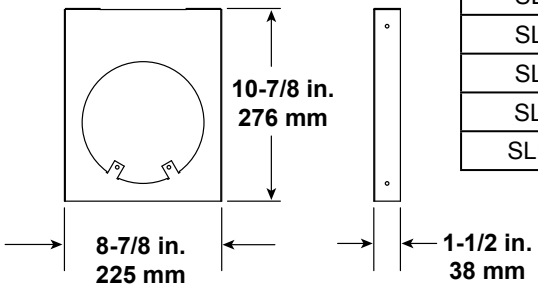
SLP PIPE

Effective Height/Length

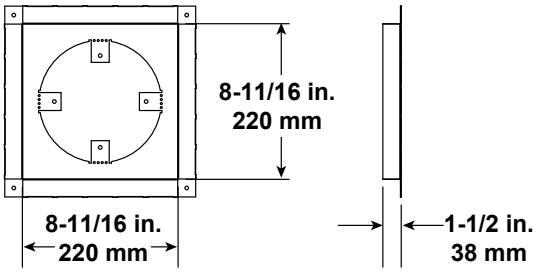
Pipe	*inches*	*mm*
SLP4	4	102
SLP6	6	152
SLP12	12	305
SLP24	24	610
SLP36	36	914
SLP48	48	1219
SLP6A	2 - 6	51 - 152
SLP12A	2 - 12	51 - 305



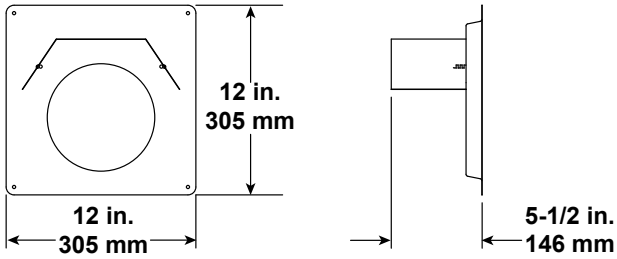
DVP-SLP24
Adapter



SLP-HVS
Horizontal Pipe
Support



SLP-FS
Ceiling Firestop

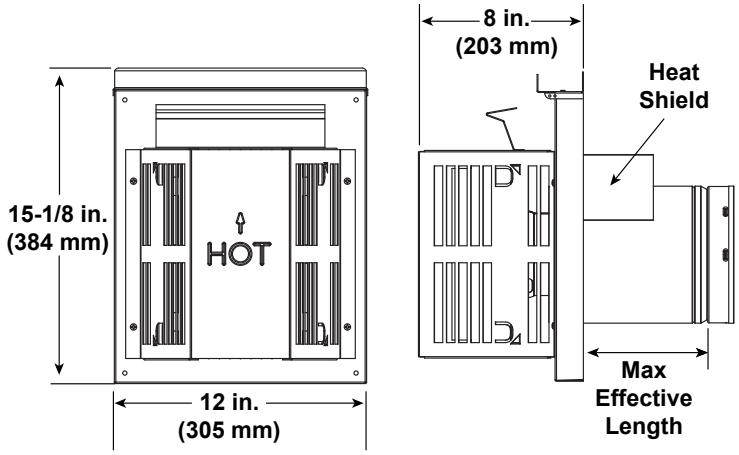


SLP-WS
Wall Shield Firestop

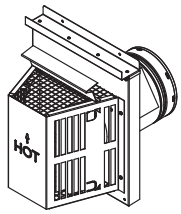
Figure 16.13 SLP Series Vent Components

B. Vent Components Diagrams *(continued)*

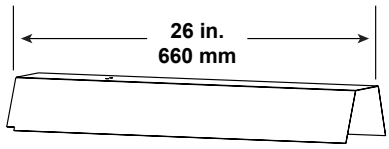
Note: Heat shields MUST overlap by a minimum of 1-1/2 in. (38 mm). The heat shield is designed to be used on a wall 4 in. to 7-1/4 in. (102 mm to 184 mm) thick. If wall thickness is less than 4 in. (102 mm) the existing heat shields must be field trimmed. If wall thickness is greater than 7-1/4 in. (184 mm) a DVP-HSM-B will be required.



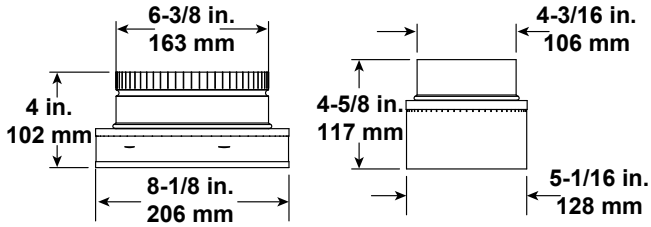
SLP-TRAP
Horizontal Termination Cap



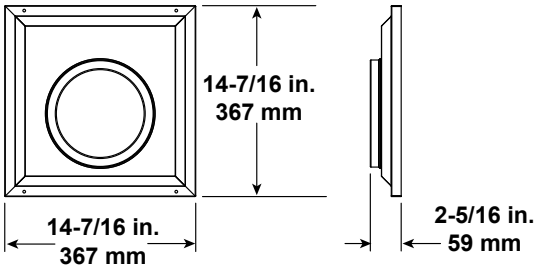
Term Cap	Minimum Effective Length	Maximum Effective Length
Trap1	3-1/8 in.	4-3/4 in.
	79 mm	121 mm
Trap2	5-1/4 in.	9-1/4 in.
	133 mm	235 mm



DVP-HSM-B
Extended Heat Shield



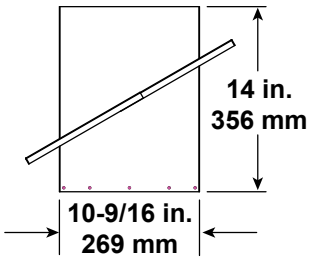
DVP-2SL
Adapter



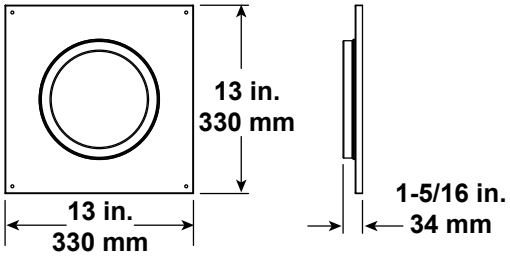
SLP-WT-BK
Wall Thimble-Black

Figure 16.14 SLP Series Vent Components

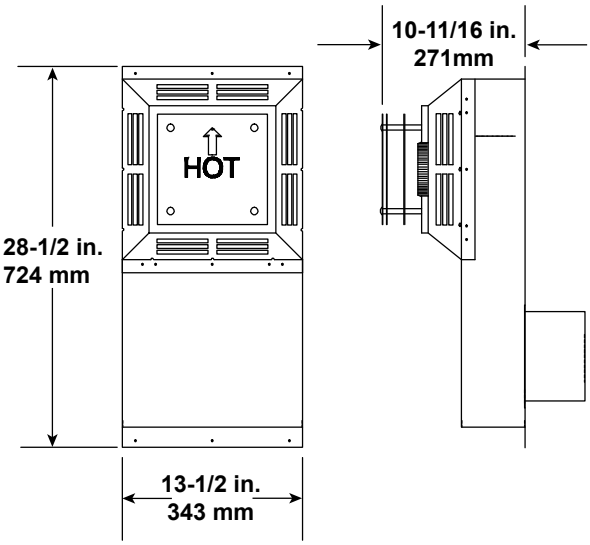
B. Vent Components Diagrams *(continued)*



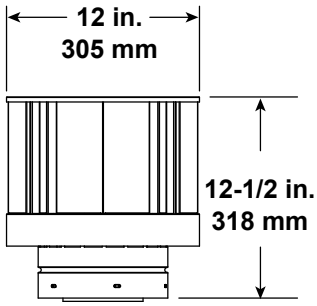
SLP-CCS-BK
Cathedral Ceiling
Support Box-Black



SLP-DCF-BK
Ceiling Firestop
Black



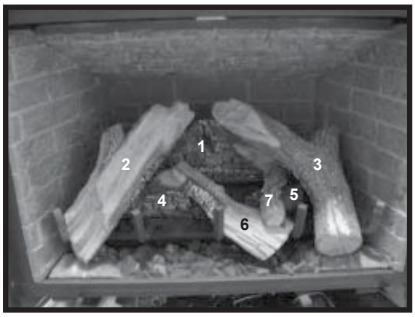
SLK-SNKD
Snorkel
Termination Cap

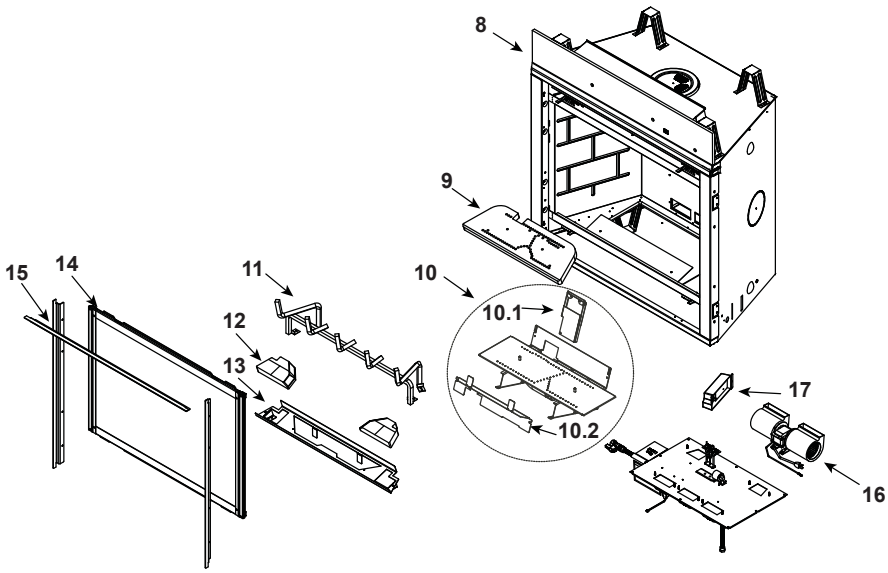


SLP-TVHW
Vertical
Termination Cap

Figure 16.15 SLP Series Vent Components

Log Set Assembly





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.



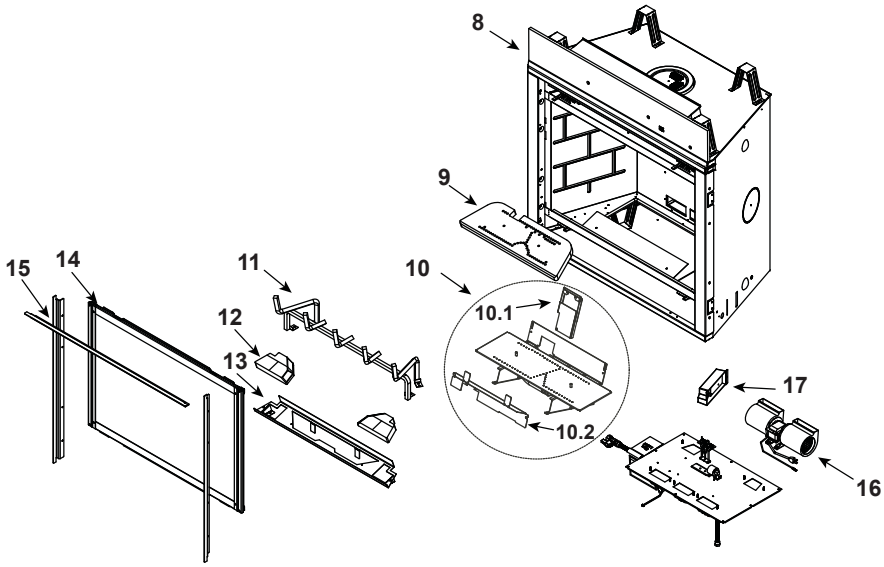
ITEM	DESCRIPTION	COMMENTS	PART NUMBER	Stocked at Depot
	Log Assembly	Pre 5/15/16, Must order complete set	LOGS-6000CLX	Y
1	Log #1		SRV2166-721	
2	Log #2		SRV2166-722	
3	Log #3		SRV2166-723	
4	Log #4		SRV2166-724	
5	Log #5		SRV2166-725	
6	Log #6		SRV2166-726	
7	Log #7		SRV2166-727	
8	Non-combustible board		2166-136	
9	Burner Top		SRV2166-100	Y
10	Burner Assembly NG		2166-007	Y
	Burner Assembly LP		2165-008	Y
10.1	Air Scoop		2170-188	
102	Pilot Cover		2170-181	
11	Grate Assembly		2166-104	
12	Refractory Base	Tan	SRV6CLXBASE-TAN	
		Stratford	SRV6CLXBAS-STRT	
13	Base Refractory Basket		2166-108	
14	Glass Assembly		GLA-6GLX	Y
15	Finishing Strips	Sold as set only	SRVFS-6	
16	Blower		GFK-160A	
17	Junction box		4021-013	Y
	Ember Mesh		2166-113	
	Surround		2166-019	

Additional service part numbers on following page.

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Log Set Assembly





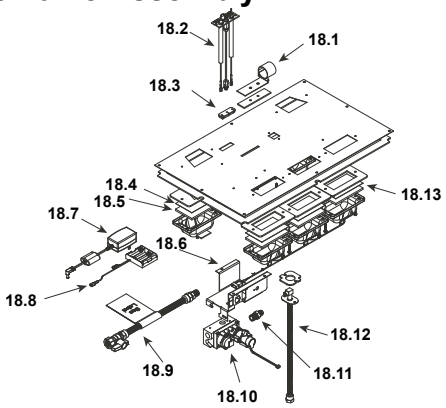
IMPORTANT: THIS IS DATED INFORMATION. Parts must be ordered from a dealer or distributor. **Hearth and Home Technologies does not sell directly to consumers.** Provide model number and serial number when requesting service parts from your dealer or distributor.

ITEM	DESCRIPTION	COMMENTS	PART NUMBER	Stocked at Depot
	Log Assembly	Pre 5/15/16, Must order complete set	LOGS-8000CLX	Y
1	Log #1		SRV2170-721	
2	Log #2		SRV2170-722	
3	Log #3		SRV2170-723	
4	Log #4		SRV2170-724	
5	Log #5		SRV2170-725	
6	Log #6		SRV2170-726	
7	Log #7		SRV2166-727	
8	Non-combustible board		2170-136	
9	Burner Top		SRV2170-100	Y
10	Burner Assembly NG		2170-007	Y
	Burner Assembly LP		2170-008	Y
10.1	Air Scoop		2170-188	
10.2	Pilot Cover		2170-181	
11	Grate Assembly		2170-104	
12	Refractory Base	Tan	SRV8CLXBASE-TAN	
		Stratford	SRV8CLXBAS-STRT	
13	Base Refractory Basket		2170-108	
14	Glass Assembly		GLA-8CLX	Y
15	Finishing Strips	**Sold as set only**	SRVFS-8	
16	Blower		GFK-160A	
17	Junction box		4021-013	Y
	Ember Mesh		2166-113	
	Surround		2170-019	

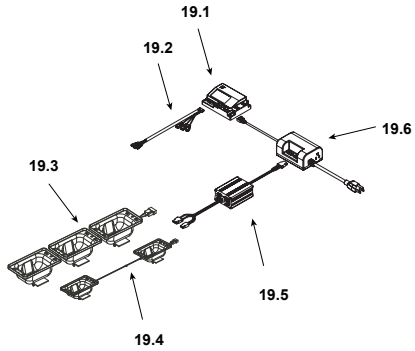
Additional service part numbers on following page.

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#18 Valve Assembly



#19 Control Assembly



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.



ITEM	DESCRIPTION	COMMENTS	PART NUMBER	Stocked at Depot
18.1	Shutter Bracket Assembly		2166-157	**Y**
18.2	Pilot Assembly, NG		2166-370	**Y**
	Pilot Assembly, LP		2166-371	**Y**
	Pilot Tube		SRV485-301	**Y**
18.3	3-Hole Grommet		2118-420	
18.4	Kapton Lens, Back Lights	Qty 2 req	2166-171	**Y**
18.5	Glass, 1/4 "	Qty 5 req	2166-163	**Y**
18.6	Valve Bracket		2118-104	
18.7	Transformer		2326-131	**Y**
18.8	Battery Pack**		2166-323	**Y**
18.9	Flex Ball Valve Assembly		302-320A	**Y**
18.10	Valve, NG		2166-302	**Y**
	Valve, LP		2166-303	**Y**
18.11	Male Connector	Pkg of 5	303-315/5	**Y**
18.12	Bulkhead W/Flex tube		2166-119	**Y**
18.13	Kapton Lens , Front Lights	Qty 3 req	2166-184	**Y**
19	Control Assembly			
19.1	Module		2166-307	**Y**
19.2	Wire Harness		2166-304	**Y**
19.3	3-Gang LED Assembly	Ember	2166-315	**Y**
19.4	2-Gang LED Assembly	Accent	2166-316	**Y**
19.5	LED Controller		2166-336	**Y**
19.6	RC300 AUX		2166-335	**Y**
	Orifice, NG 0.124	6000CLX-IPI	582-8124	**Y**
	Orifice, LP #49C		582-849	**Y**
	Orifice, NG #30C	8000CLX-IPI	582-830	**Y**
	Orifice, LP #47C		582-847	**Y**

**Fuse for battery pack can be sourced locally, not a warranty item. Specs are 250v, 1A fuse, 3/4" long

Additional service part numbers on following page.

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.



ITEM	DESCRIPTION	COMMENTS	PART NUMBER	Stocked at Depot
	Flue Restrictor	Pre 0023875593	385-128	
		Post 0023875593	385-328	
	Gasket Assembly Contains: Vent, Burner Neck, Valve, LED, and Adjustable Air Shutter Gaskets		2166-081	
	Glass Latch Assembly	Qty 4 req	2155-045	**Y**
	Mineral Wool		050-721	
	Remote		2166-330	**Y**
	Teco-Sil, 5lb. Bag White Ember Bed Rock		700-790	
	Touch Up Paint		TUP-GBK-12	
	Touch Up Paint, Logs		2372-099	
	Refractory Kit Tan , 6000CLX		SRV6CLXREF-TAN	
	Back Refractory (-T)		SRV2166-714	
	Left Refractory (-T)		SRV2166-715	
	Right Refractory (-T)		SRV2166-716	
	Top Refractory (-T)		SRV2166-717	
	Refractory Kit Stratford, 6000CLX		SRV6CLXREF-STRT	
	Back Refractory (-S)		SRV2166-710	
	Left Refractory (-S)		SRV2166-711	
	Right Refractory (-S)		SRV2166-712	
	Top Refractory (-S)		SRV2166-713	
	Refractory Kit Tan , 8000CLX		SRV8CLXREF-TAN	
	Back Refractory (-T)		SRV2170-714	
	Left Refractory (-T)		SRV2170-715	
	Right Refractory (-T)		SRV2170-716	
	Top Refractory (-T)		SRV2170-717	
	Refractory Kit Stratford, 8000CLX		SRV8CLXREF-STRT	
	Back Refractory (-S)		SRV2170-710	
	Left Refractory (-S)		SRV2170-711	
	Right Refractory (-S)		SRV2170-712	
	Top Refractory (-S)		SRV2170-713	
	Conversion Kit NG	6000CLX-IPI	NGKI-6CLX	**Y**
	Conversion Kit LP		LPKI-6CLX	**Y**
	Conversion Kit NG	8000CLX-IPI	NGKI-8CLX	**Y**
	Conversion Kit LP		LPKI-8CLX	**Y**
	Pilot Orifice, NG		593-528	**Y**
	Pilot Orifice, LP		593-527	**Y**
	Regulator, NG		NGK-DXV-50	**Y**
	Regulator, LP		LPK-DXV-50	**Y**

D. Contact Information

HEAT&GLO™

No one builds a better fire

Heat & Glo, a brand of Hearth & Home Technologies
7571 215th Street West, Lakeville, MN 55044
www.heatnglo.com

Please contact your Heat & Glo dealer with any questions or concerns.
For the location of your nearest Heat & Glo dealer,
please visit www.heatnglo.com.

- NOTES -

NOTICE



DO NOT DISCARD THIS MANUAL

- Important operating and maintenance instructions included.
- Read, understand and follow these instructions for safe installation and operation.
- Leave this manual with party responsible for use and operation.



This product may be covered by one or more of the following patents: (United States) 5613487, 5647340, 5890485, 5941237, 6006743, 6019099, 6053165, 6145502, 6374822, 6484712, 6601579, 6769426, 6863064, 7077122, 7098269, 7258116, 7470729, 8147240 or other U.S. and foreign patents pending.

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