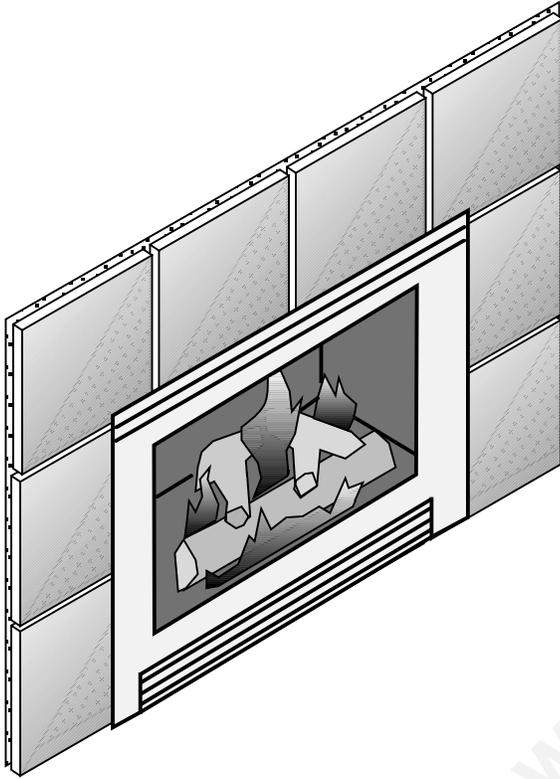




Travis Industries, Inc.



- Built-In Direct Vent Fireplace
- Natural Gas or Propane
- Residential or Mobile Home



WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult a qualified installer, service agency, or the gas supplier.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Installation must be performed by a qualified installer, service agency or the gas supplier

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.
- Immediately call gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

DVS FIREPLACE OWNER'S MANUAL

- December, 1999 -

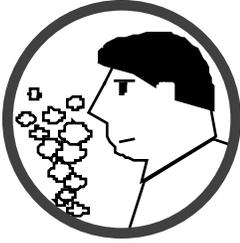
Installer: After installation give this manual to the homeowner and explain operation of this fireplace.

Part # 93508099

\$10.00



Travis Industries, Inc.
10850 117th Place N.E. Kirkland, WA 98033

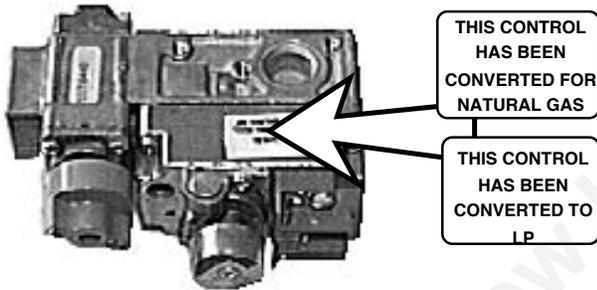


IF YOU SMELL GAS:

- * Do not light any appliance
- * Extinguish any open flame
- * Do not touch any electrical switch or plug or unplug anything
- * Open windows and vacate building
- * Call gas supplier from neighbor's house, if not reached, call fire department



- This unit must be installed by a qualified installer to prevent the possibility of an explosion. Your dealer will know the requirements in your area and can inform you of those people considered qualified. The room heater should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc.
- The instructions in this manual must be strictly adhered to. Do not use makeshift methods or compromise in the installation. Improper installation will void the warranty and safety listing.



- This heater is either approved for natural gas (NG) or for propane (LP). Burning the incorrect fuel will void the warranty and safety listing and may cause an extreme safety hazard. Direct questions about the type of fuel used to your dealer. Check the label and flame adjust knob on the gas control valve.



- Contact your local building officials to obtain a permit and information on any installation restrictions or inspection requirements in your area. Notify your insurance company of this heater as well.



- If the flame becomes sooty, dark orange in color, or extremely tall, do not operate the heater. Call your dealer and arrange for proper servicing.



- It is imperative that control compartments, screens, or circulating air passageways of the heater be kept clean and free of obstructions. These areas provide the air necessary for safe operation.



- Do not operate the heater if it is not operating properly in any fashion or if you are uncertain. Call your dealer for a full explanation of your heater and what to expect.



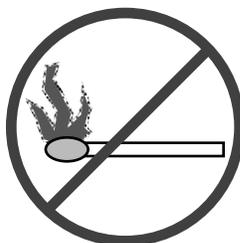
- Do not store or use gasoline or other flammable liquids in the vicinity of this heater.
- Keep all furniture or other combustible items at least 36" away from the front of the heater.



- Do not operate if any portion of the heater was submerged in water or if any corrosion occurs.



- Do not place clothing or other flammable items on or near the heater. Because this heater can be controlled by a thermostat there is a possibility of the heater turning on and igniting any items placed on or near it.



- Light the heater using the built-in piezo igniter. Do not use matches or any other external device to light your heater.



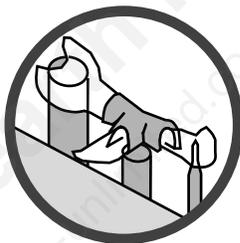
- The viewing glass should be opened for service only (see the maintenance section of this manual).



- Never remove, replace, modify or substitute any part of the heater unless instructions are given in this manual. All other work must be done by a trained technician. Don't modify or replace orifices.



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



- Operate the heater according to the instructions included in this manual.
- If the main burners do not start correctly turn the gas off at the gas control valve and call your dealer for service.

- Allow the heater to cool before carrying out any maintenance or cleaning.
- The pilot flame must contact the thermopile and thermocouple (see the illustration to the left). If it does not, turn the gas control valve to "OFF" and call your dealer.



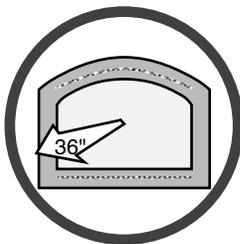
- This unit is not for use with solid fuel
- Do not place anything inside the firebox (except the included fiber logs).
- If the fiber logs become damaged, replace with Travis Industries log set.



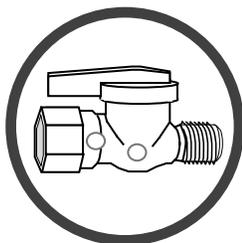
- Do not throw this manual away. This manual has important operating and maintenance instructions that you will need at a later time. Always follow the instructions in this manual.



- Do not touch the hot surfaces of the heater. Educate all children of the danger of a high-temperature heater. Young children should be supervised when they are in the same room as the heater.



- Keep all furniture or other combustible items at least 36" away from the front of the fireplace (this includes drapes or doors that may swing within 36" of the front of the fireplace).



- Instruct everyone in the house how to shut gas off to the appliance and at the gas main shutoff valve. The gas main shutoff valve is usually next to the gas meter or propane tank and requires a wrench to shut off.



- Travis Industries, Inc. grants no warranty, implied or stated, for the installation or maintenance of your heater, and assumes no responsibility of any consequential damage(s).**

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Symbols Used in this Manual



Features:

- Works During Power Outages (utilizes millivolt system)
- High Efficiency
- Optional Thermostat or Remote Control
- Realistic "Wood Fire" Look
- Quiet Blower for Effective Heat Distribution
- Convenient Operating Controls
- Variable-Rate Heat Output
- Low Maintenance

Installation Options:

- Residential or Mobile Home
- Straight or Corner Placement
- Flush or Recessed Face
- Raised or Floor Hearth
- Internal or External Chase
- Horizontal or Vertical Vent

Heating Specifications:

Approximate Heating Capacity (in square feet)*
 BTU Input Per Hour (from high to low)
 Efficiency**
 AFUE (Annual Fuel Utilization Efficiency)

Natural Gas

500 to 1,500
 31,000 - 18,600
 up to 80 %
 71.3 %

Propane

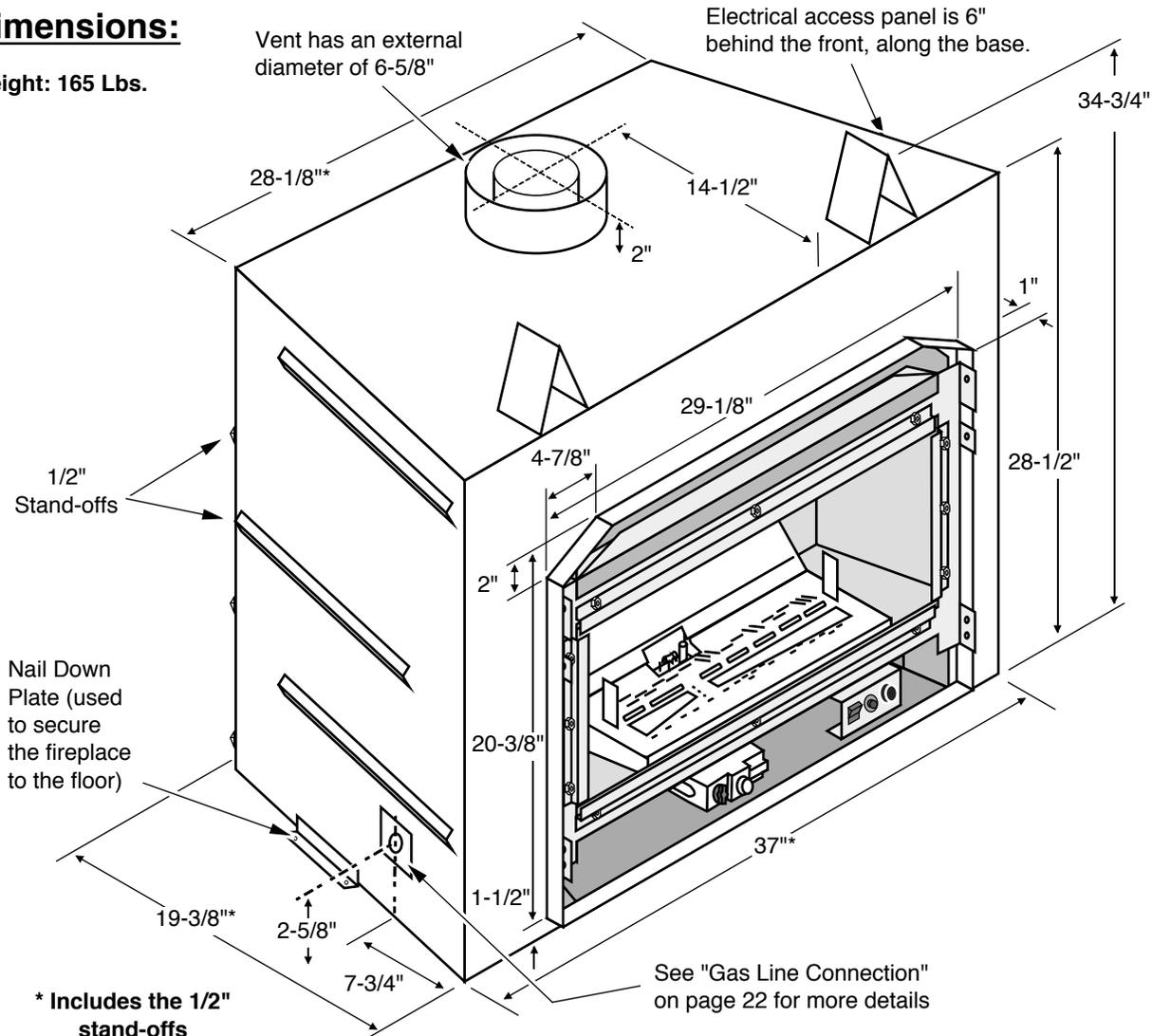
500 to 1,500
 31,000 - 16,000
 up to 80.5 %
 71.8 %

* Heating capacity will vary with the home's floor plan and insulation, natural gas or Propane BTU rating, and outside temperature.

** Efficiency rating is a product thermal efficiency rating determined under continuous operation independent of installed system.

Dimensions:

Weight: 165 Lbs.



Installation Preparation

- ! Failure to follow all of the requirements may result in property damage, bodily injury, or even death.
- ! This appliance must be installed in accordance with all local codes, if any; if not, follow ANSI Z223.1 and NFPA 54(88).
- ! In Manufactured or Mobile Homes must confirm with: In USA, Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280; In Canada, CSA Z240.4 and Gas-Equipped Recreational Vehicles and Mobile Housing. This appliance may be installed in Manufactured Housing only after the home is site located.
- ! The DVS Fireplace is designed to operate on natural gas, or propane (LP).
- ! All exhaust gases must be vented outside the structure of the living-area. Combustion air is drawn from outside the living-area structure.
- ! Notify your insurance company before hooking up this fireplace.
- ! The requirements listed below are divided into sections. All requirements must be met simultaneously. The order of installation is not rigid – the qualified installer should follow the procedure best suited for the installation.

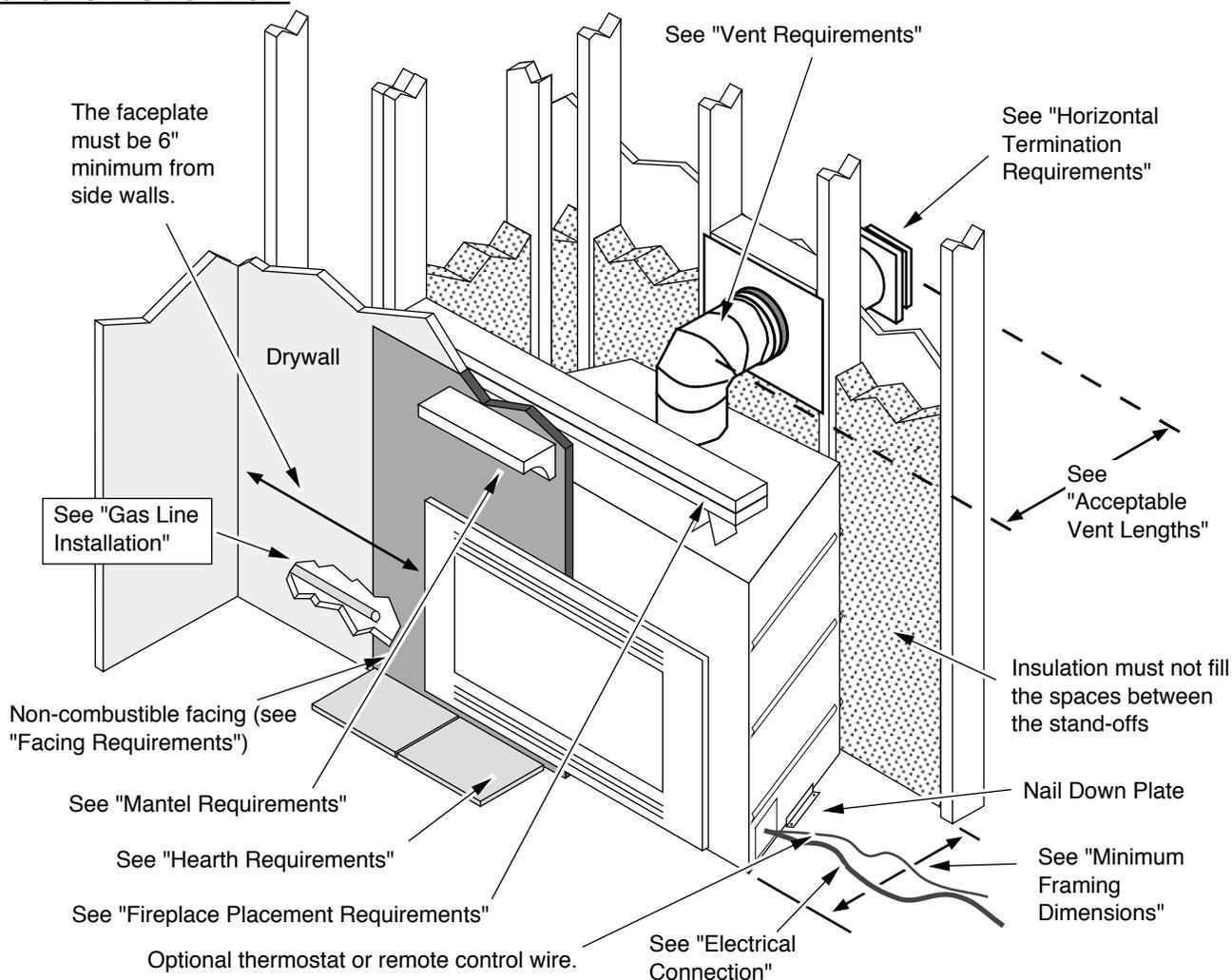
Packing List

- Propane Conversion Kit
- Log Set (2 Logs, 2 Twigs, Bag of Coals, Coal Trays)
- Restrictor Adjuster Rod
- Flex Tube with Pipe Adapter

Additional Items Required for Installation

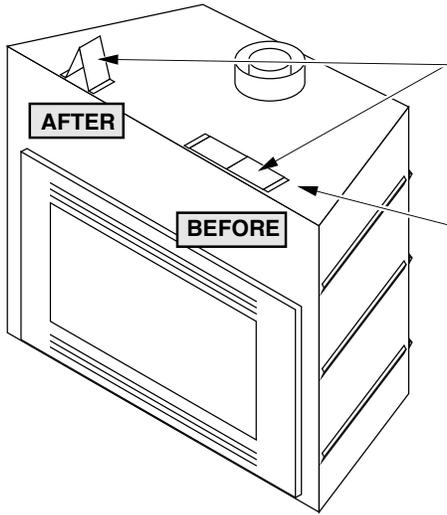
- Face (includes attachment screws)
- Direct Vent (Simpson Dura-Vent Ph. # 800 835-4429)
- Gas Line Equipment (shutoff valve, pipe, etc.)
- Electrical Connection Equipment (min. 18 gauge, grounded line)

Installation Overview

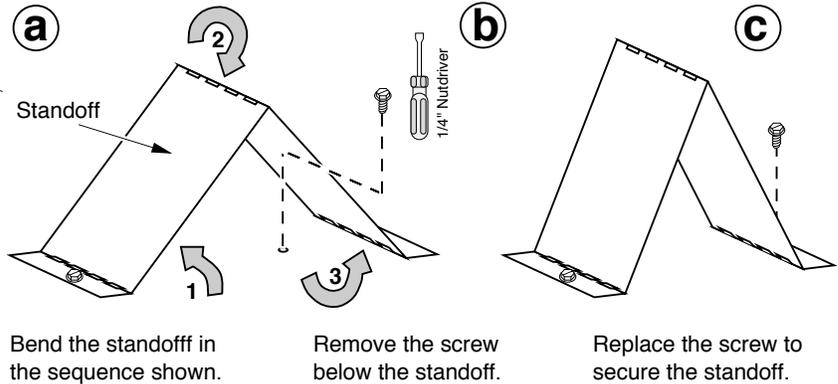


Fireplace Placement Requirements

Setting Up the Standoffs



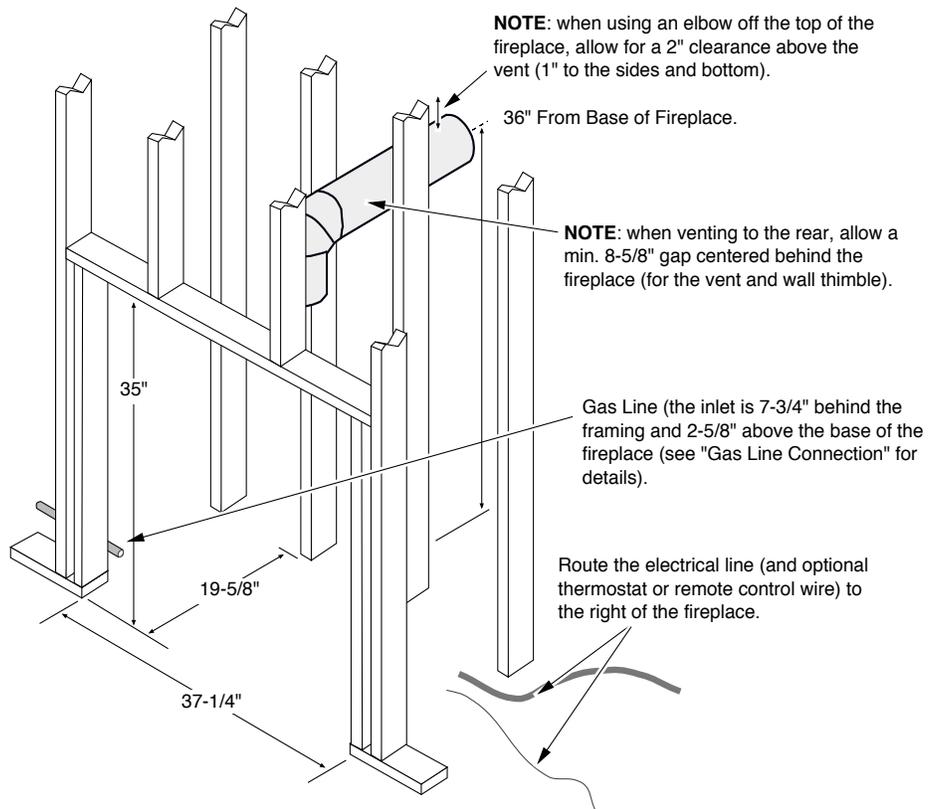
The standoffs are shipped in the flat position. Make sure to follow the instructions below before installing the fireplace.



! **WARNING:** Failure to set up the standoffs will result in an **extreme fire hazard**.

Minimum Framing Dimensions

- The 1/2" stand-offs on the back and sides and 6-1/4" stand-offs on the top of the fireplace are designed to separate the fireplace from the framing members. These stand-offs may contact the framing members but no material may be placed between the stand-offs.
- Fireplace must be installed on a level surface capable of supporting the fireplace and vent
- Fireplace must be placed directly on wood or non-combustible surface (not on linoleum or carpet)
- Due to the high temperature of the fireplace, it should be located out of traffic and away from furniture and draperies.

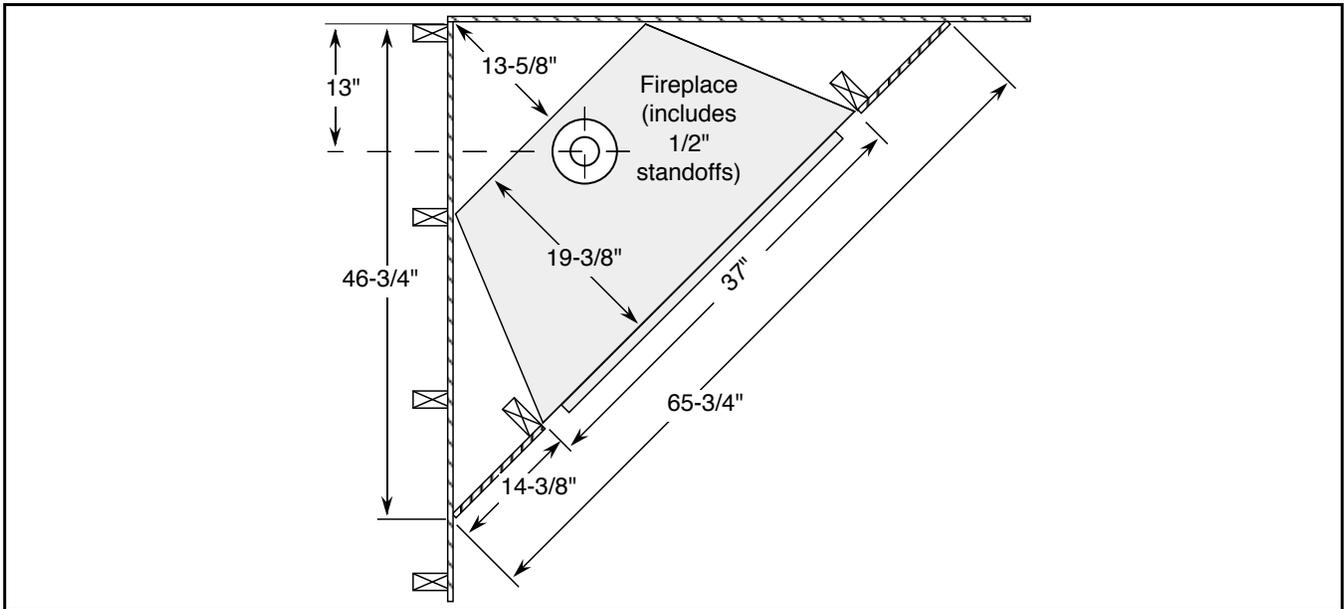


Clearances

- When installed, walls in front of the fireplace must be a minimum 6" to the side of the faceplate.
- Fireplace must be placed so that no combustibles are within, or can swing within 36" of the front of the fireplace (e.g. drapes, doors)
- Fireplace must be placed so the vents below and above the glass do not become blocked

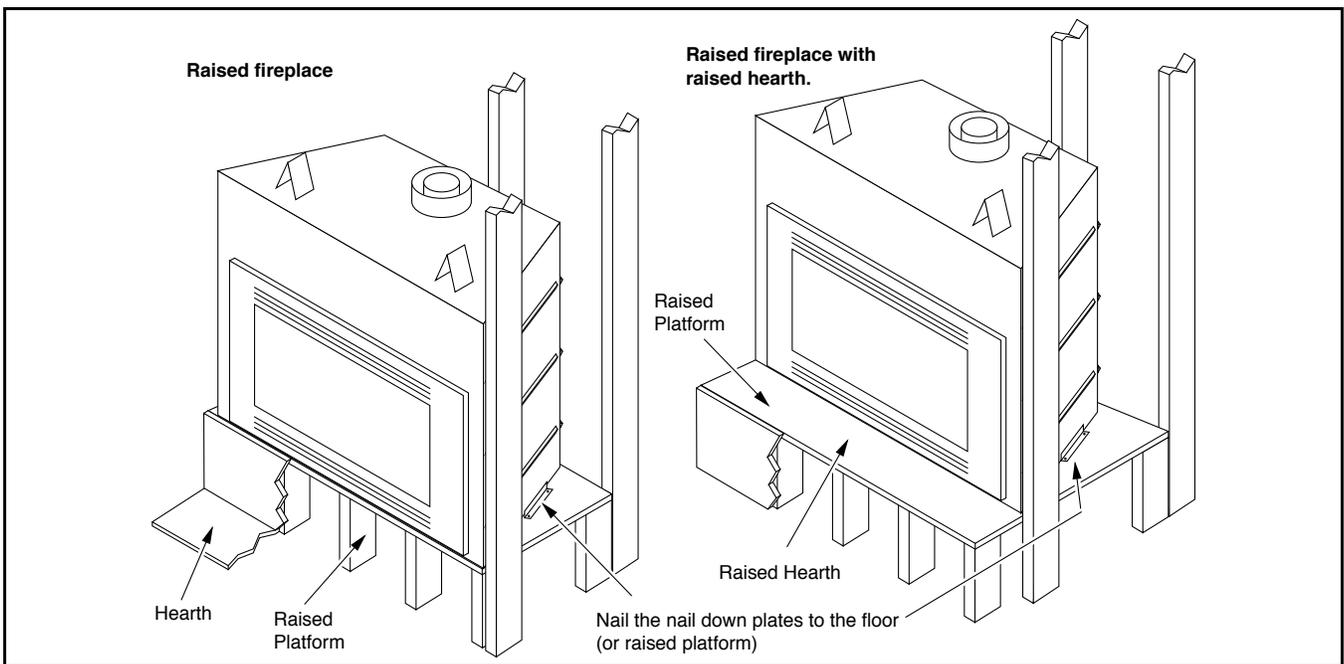
Corner Installations

- A typical 45° installation uses the minimum framing dimensions shown in the illustration below (NOTE: all clearances still apply).

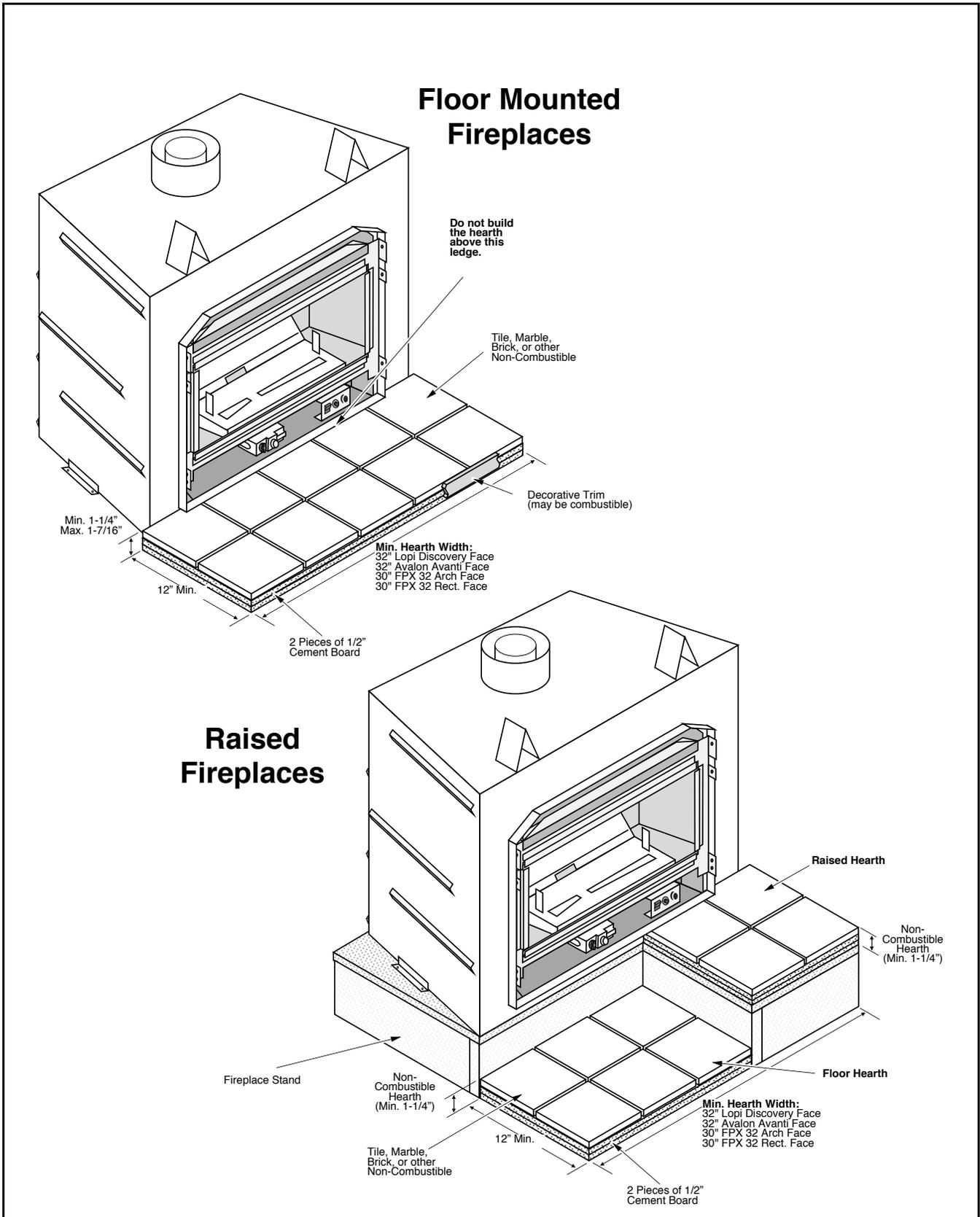


Raised Fireplaces

- + The fireplace may be placed on a platform designed to support the fireplace (250 Lbs.) and vent.
- The fireplace may be raised a maximum 34" (this is to ensure the mantel clearance does not infringe upon the ceiling).

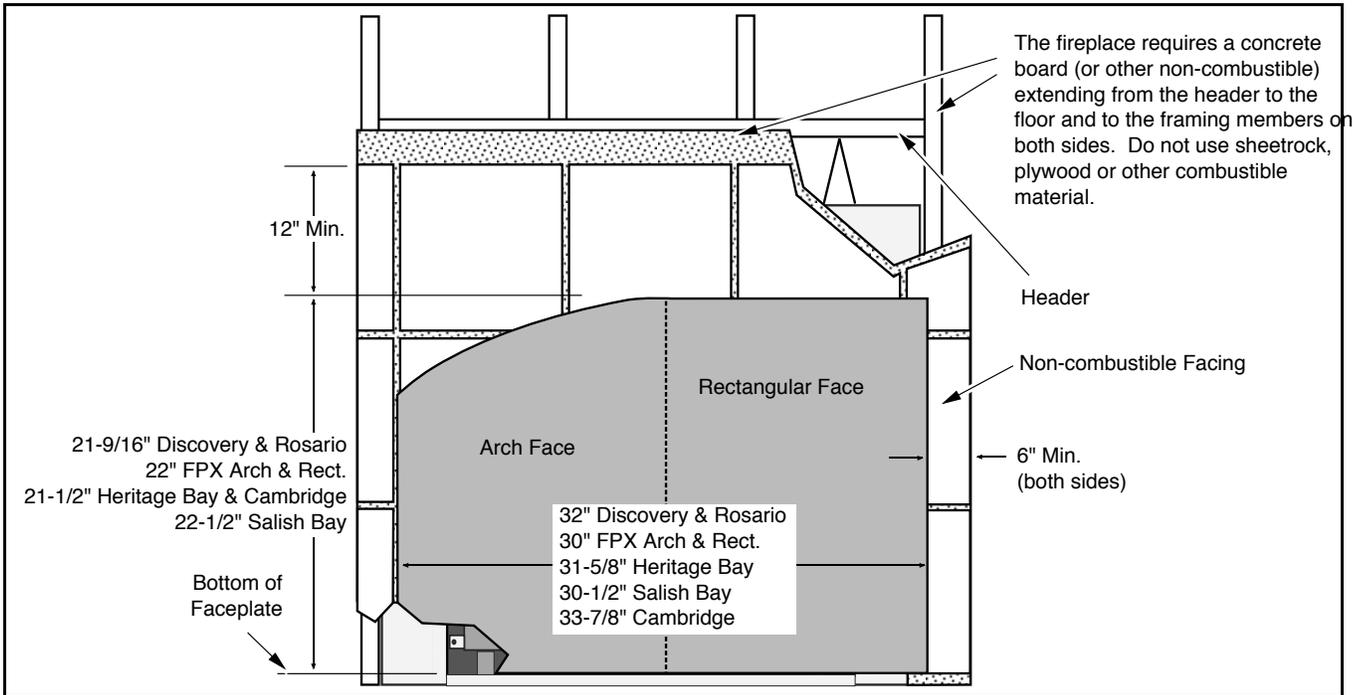


Hearth Requirements



Facing Requirements

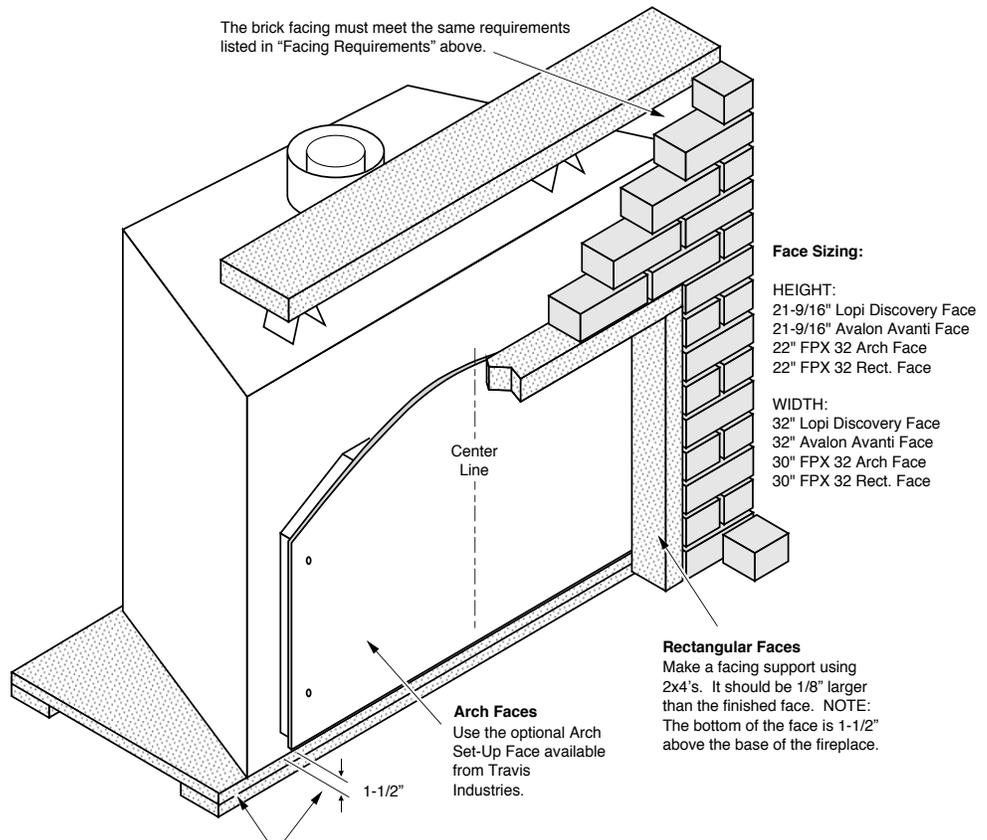
- The combustible area above the facing must not protrude more than 3/4" from the facing. If it does, it is considered a mantel and must meet the mantel requirements listed in this manual.



Facing Over 1" Thick

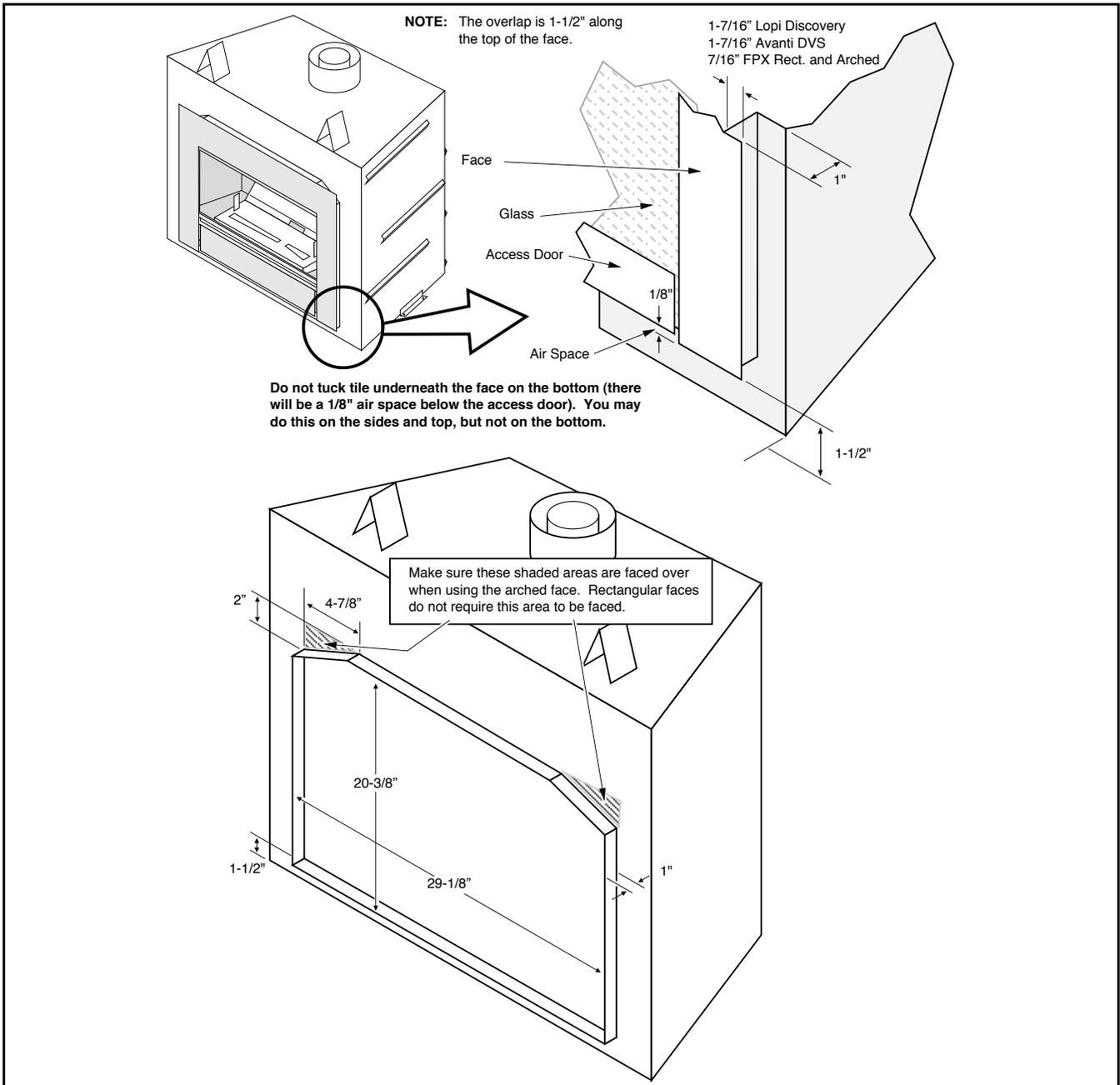
- If the facing material is over 1" thick (e.g. brick, river rock), install the facing around the perimeter of the face. You may wish to make a facing support (see the illustration to the right). If using an arch face, you may wish to order the optional set-up face:

**Arch Set-Up Face
Part # 98500697**

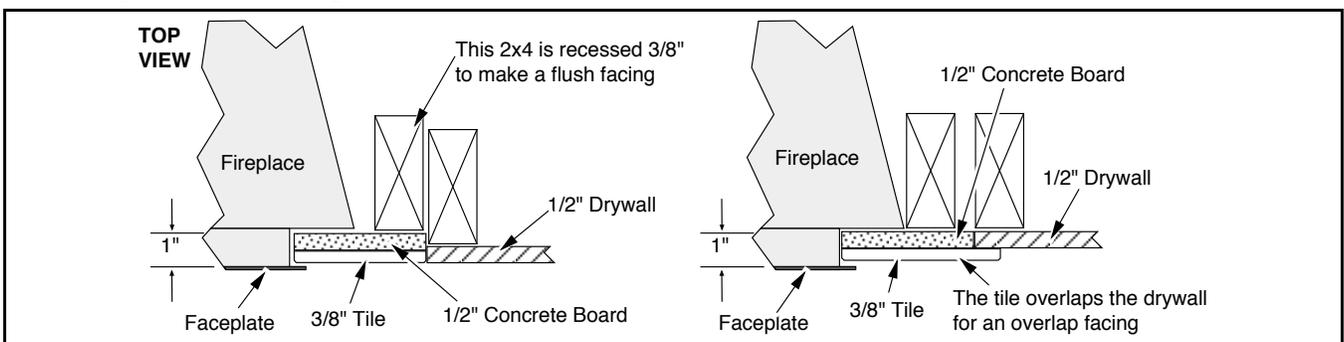


Note: if using a brick hearth, the fireplace will need to be raised to accommodate the 1-1/2" gap between the face and the base of the fireplace. For 2-1/2" thick brick this works out to approximately 1-1/8".

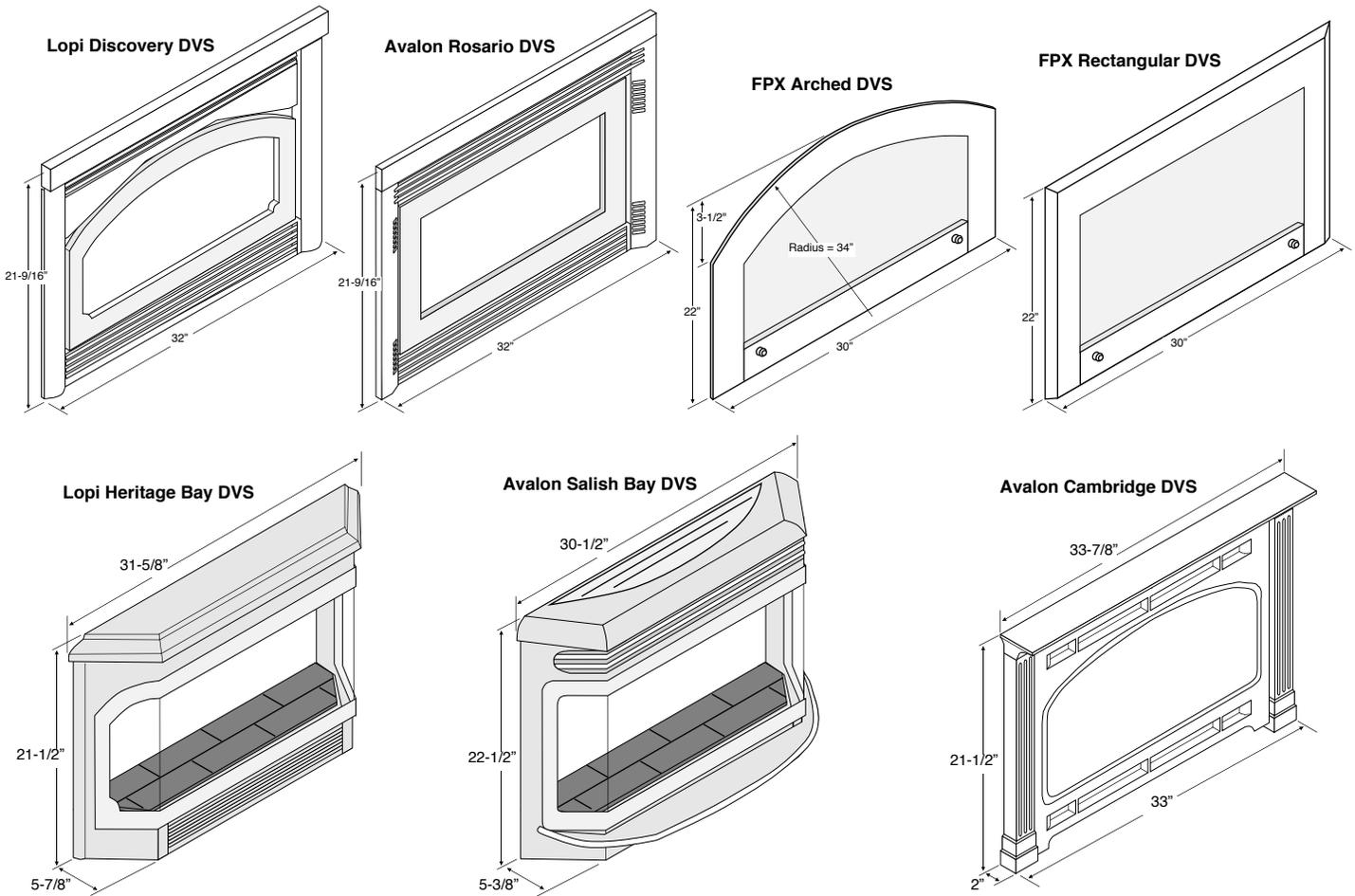
Facing Detail



+ To achieve a facing that is flush with the drywall to the side of the fireplace, recess the framing directly next to the fireplace. See the illustration below.

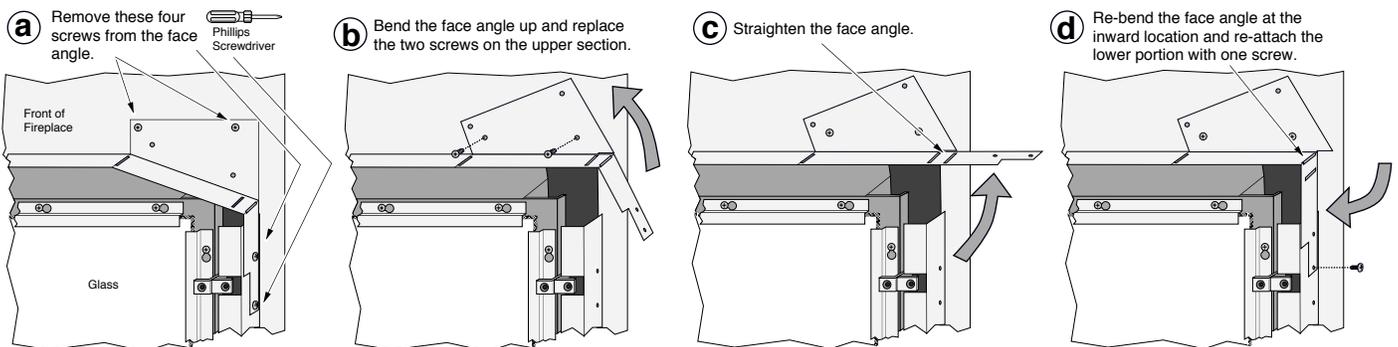


Face Dimensions



Modifying the Face Angle for Rectangular Faces

If using a rectangular face, adjust the face angles at the top corners of the glass (see the illustration below).

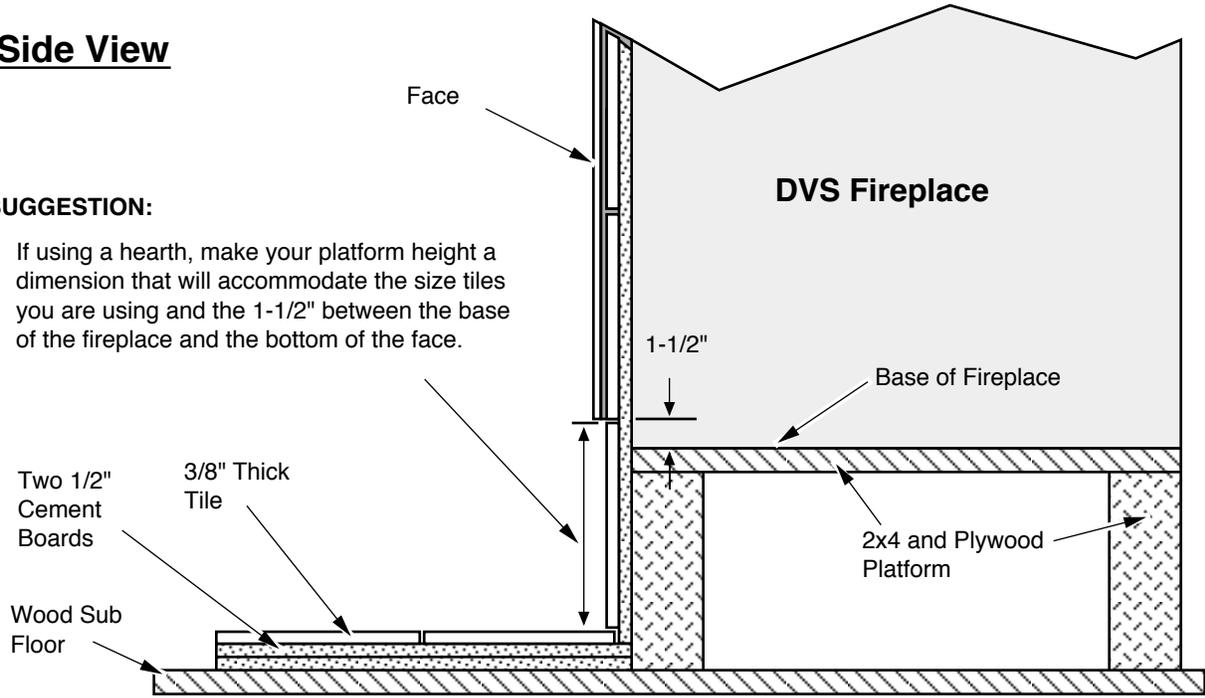


Facing and Hearth Examples

Side View

SUGGESTION:

If using a hearth, make your platform height a dimension that will accommodate the size tiles you are using and the 1-1/2" between the base of the fireplace and the bottom of the face.

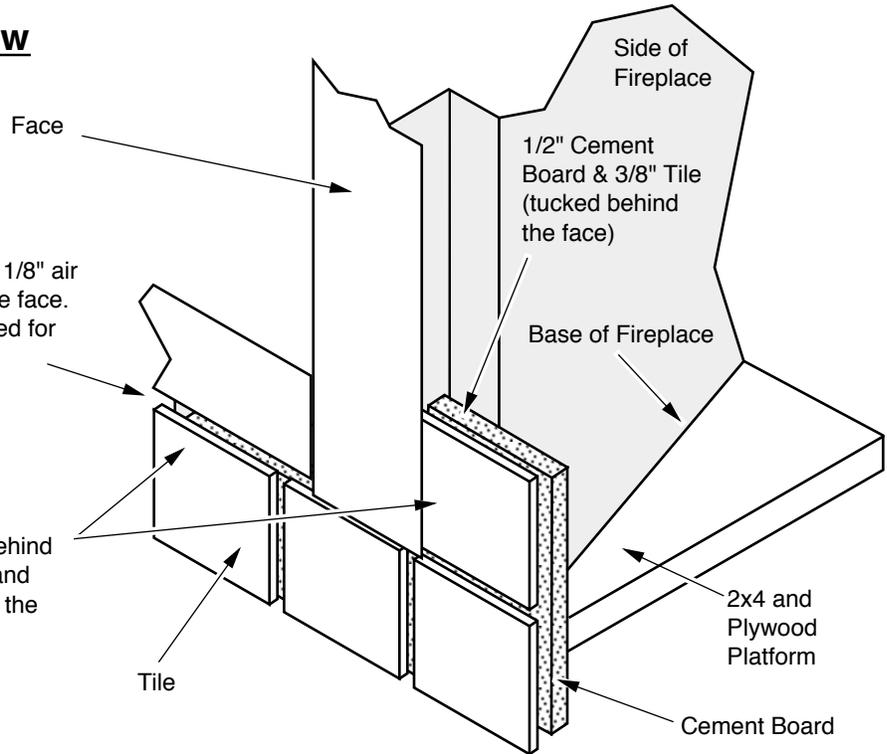


Three-Dimensional View

NOTE:

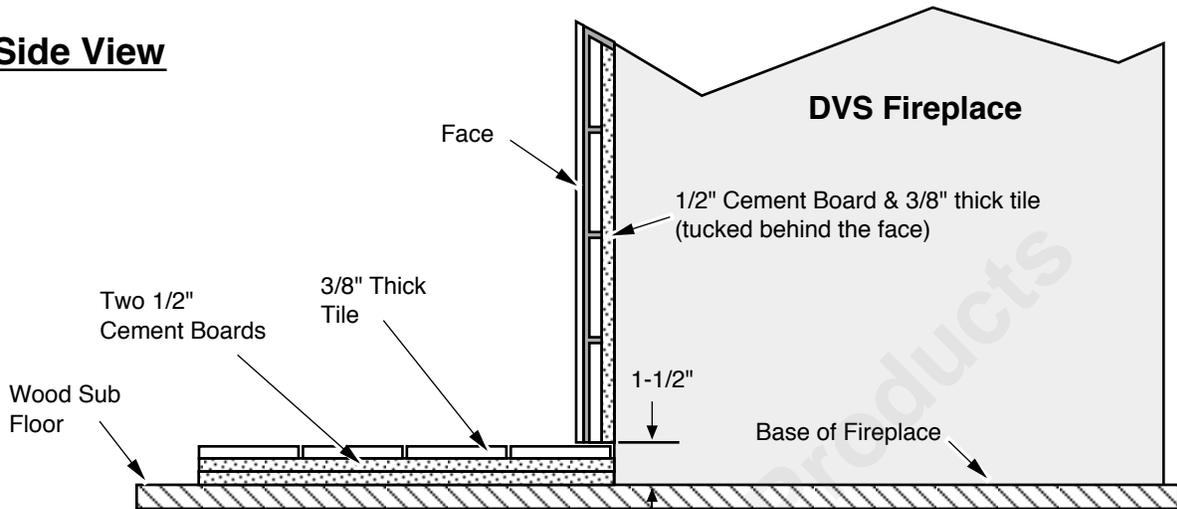
When fully installed, there will be a 1/8" air space below the access door on the face. Do not block this space (it is required for access door opening and air flow).

Note how the tile facing fits behind the face on the side and top and butts up to the set-up face on the bottom.



Facing and Hearth Examples (continued)

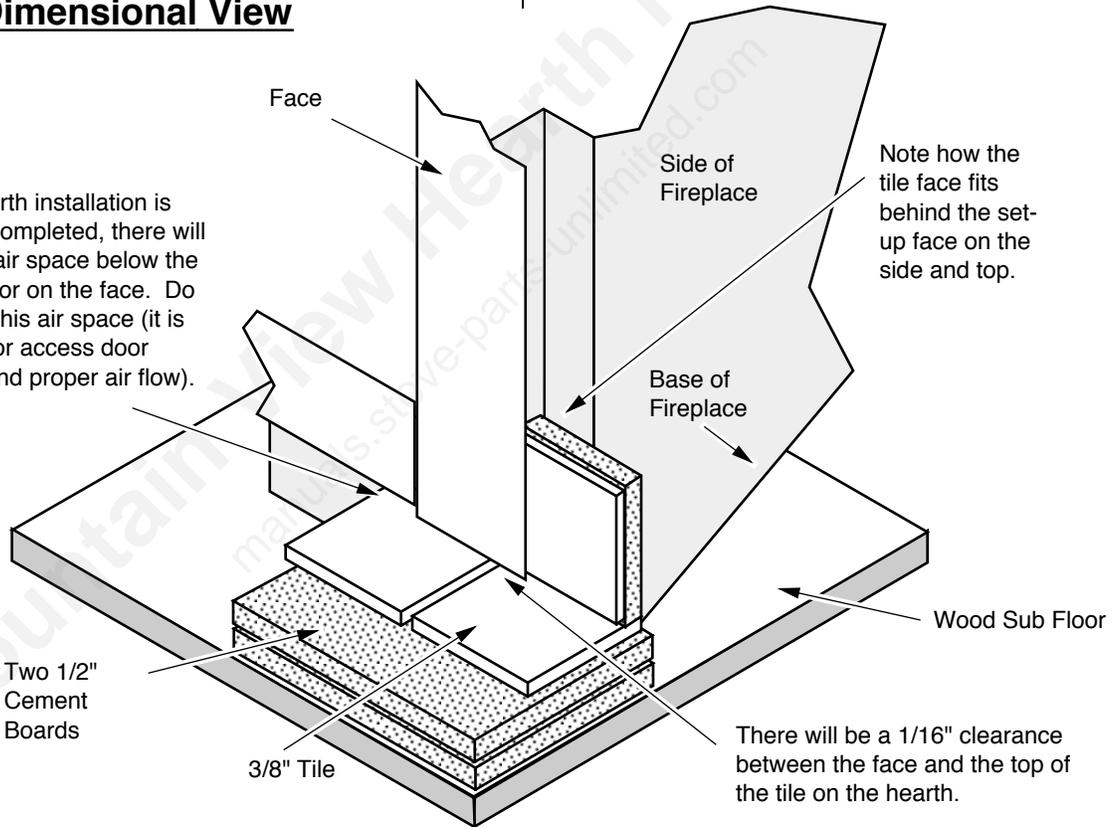
Side View



Three-Dimensional View

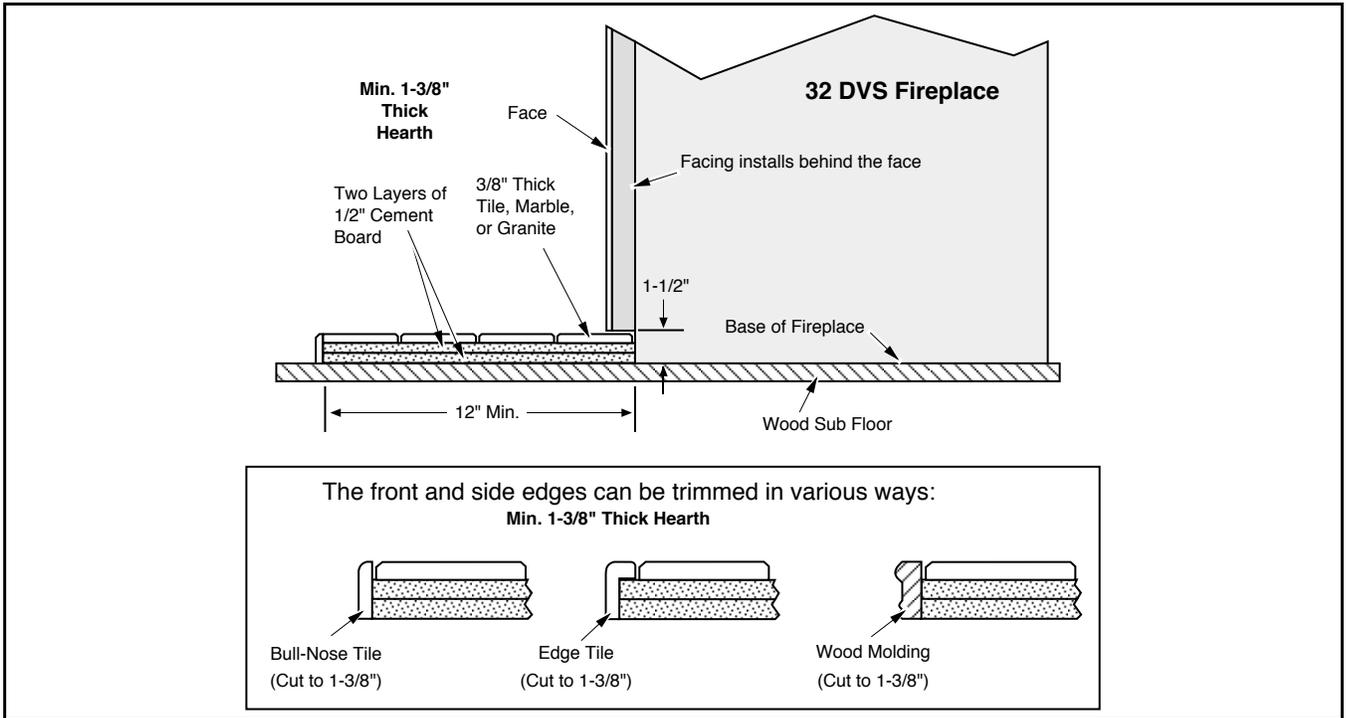
NOTE:

When hearth installation is correctly completed, there will be a 1/8" air space below the access door on the face. Do not block this air space (it is required for access door opening and proper air flow).

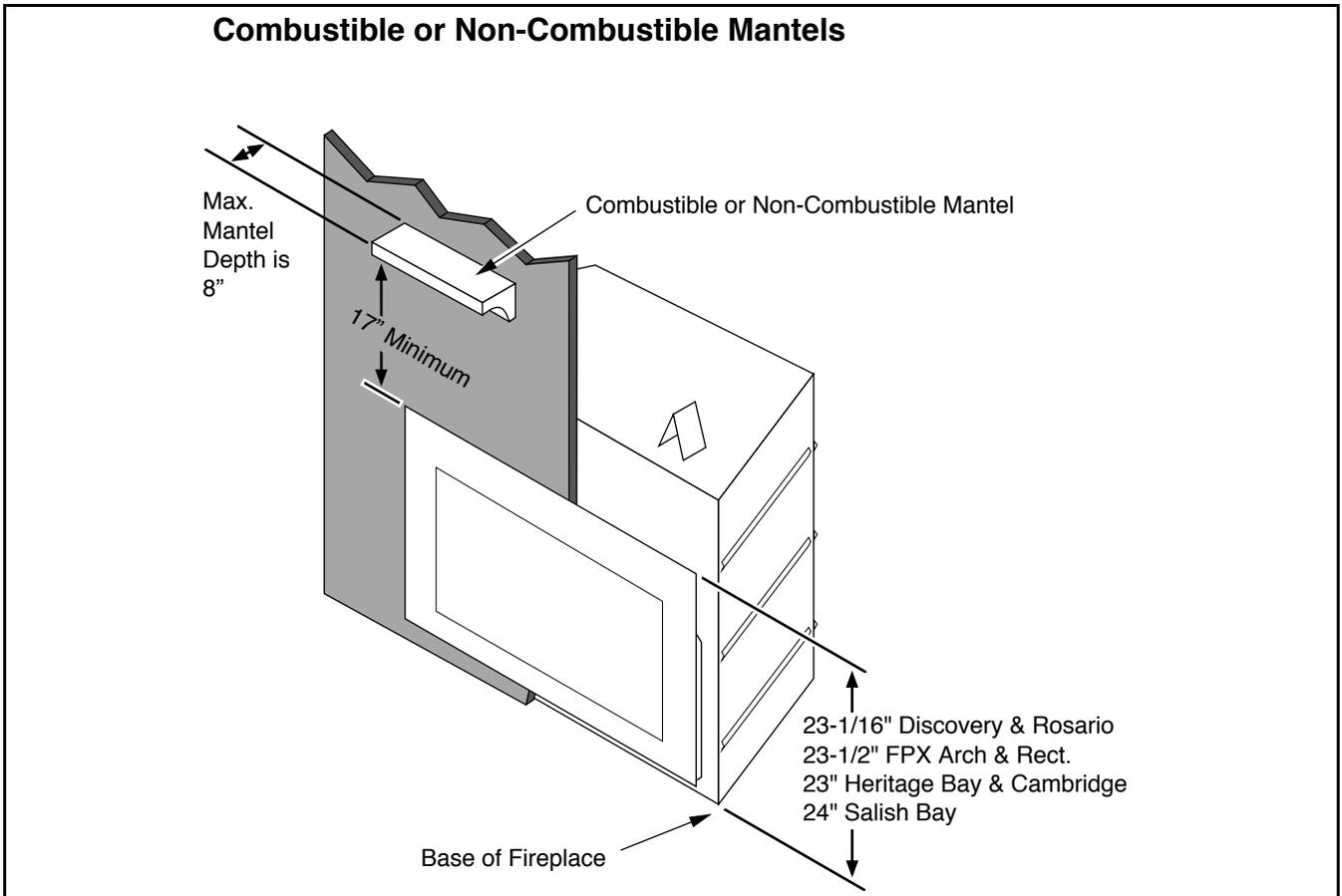


WARNING: Do not install cement board underneath the fireplace. To do so would leave a large gap underneath the face.

Tile Hearths

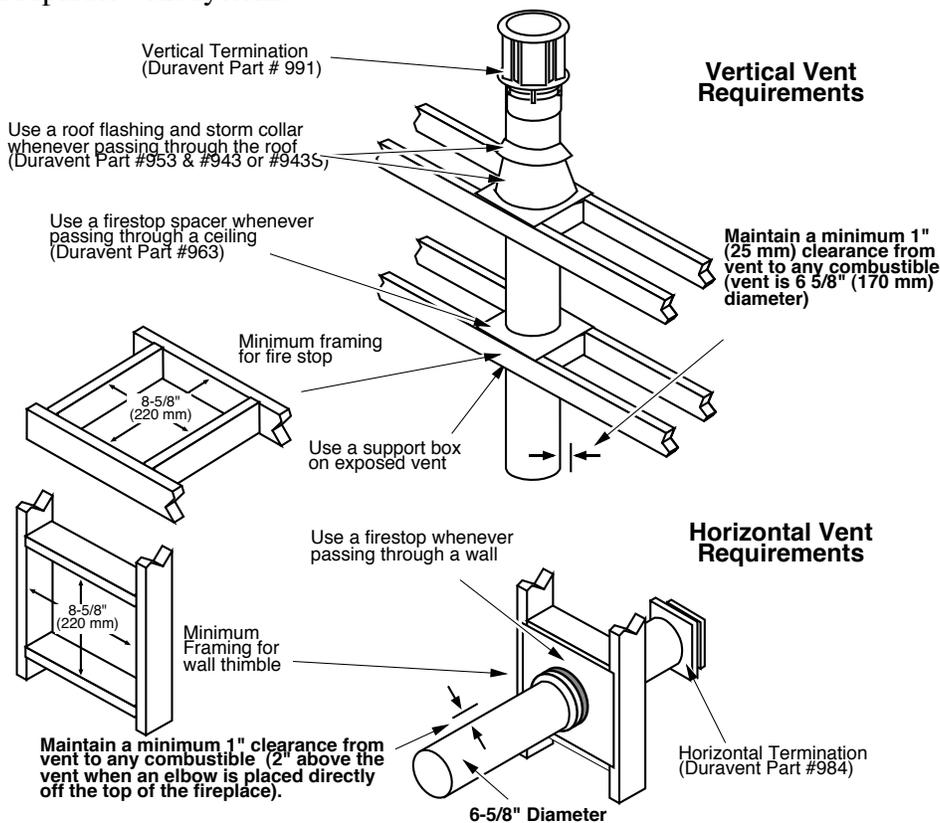


Mantel Requirements



Vent Requirements

- ! Always maintain the required 1" clearance (2" clearance above the vent when an elbow is placed directly off the top of the fireplace) to combustible materials to prevent a fire hazard. Do not fill air spaces with insulation.
- ! The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance. Each direct vent gas appliance must use it's own separate vent system.
- ! If the fireplace is installed at an altitude over 3,000 feet the flame quality will need to be carefully evaluated. See Addendum #1, "Altitude Considerations", on page 45.
- In addition to the requirements listed to the right, follow the requirements provided with the vent.



- Use Model GS Direct Vent manufactured by Simpson Dura-Vent **only**. Follow the installation instructions included with the vent. For the nearest Simpson Dura-Vent supplier, call (800) 835-4429. Vent part numbers and descriptions are listed below.

Straight Lengths

908B	6" Pipe Length, Black (interior)
907B	9" Pipe Length, Black (interior)
906	12" Pipe Length, Galvanized
906B	12" Pipe Length, Black (interior)
904	24" Pipe Length, Galvanized
904B	24" Pipe Length, Black (interior)
903	36" Pipe Length, Galvanized
903B	36" Pipe Length, Black (interior)
902	48" Pipe Length, Galvanized
902B	48" Pipe Length, Black (interior)
911B	11" to 14 5/8" Pipe, Adjustable, Black (interior)

Vent Terminations

981	Snorkel Termination (36" rise) (for basement or raised termination installations)
982	Snorkel Termination (14" rise) (for basement or raised termination installations)
984	Horizontal Square Termination
950	Vinyl Siding Stand-off
991	High Wind Vertical Termination

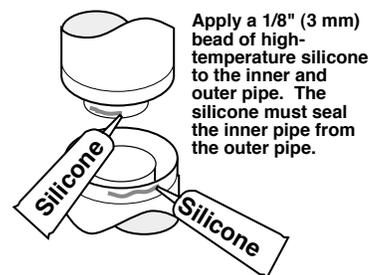
Elbows

990	90° Elbow
990B	90° Elbow, Black (interior)

Penetration, Support Parts

942	Wall Thimble
941	Cathedral Ceiling Support Box
943	Flashing, 0/12 to 6/12 Roof Pitch
943S	Flashing, 7/12 to 12/12 Roof Pitch
953	Storm Collar
963	Ceiling Fire-stop
988	Wall Strap

- Apply high-temperature silicone to the inner and outer pipe before assembling the sections (on the male, upper section). This seals the inner pipe from the outer pipe. Slide the sections together and turn 1/4 turn until the sections lock in place. Install three metal screws through each joint to lock the outer section in place (see the instructions included with the vent for further details).
- Horizontal sections require a 1/4" rise every 12" of travel
- + Exterior Vent Diameter = 6-5/8", Inner Vent Diameter = 4"

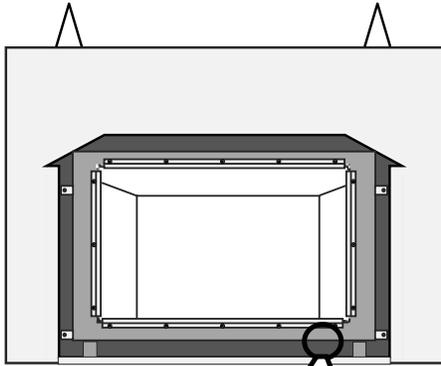


- Horizontal sections require non-combustible support every three feet (e.g.: plumbing tape)

Approved Vent Configurations

Restrictor Position

- A vent restrictor is built into the appliance to adjust the flow rate of exhaust gases. This ensures proper combustion for all vent configurations. Depending upon the vent configuration, you may be required to adjust the restrictor position. The charts for acceptable vent configurations describe which position the vent restrictor must be in.



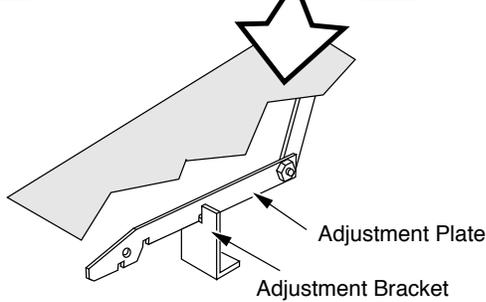
To Access the Restrictor:

With the fireplace cool, use the bent rod included in the owner's pack to adjust the plate.

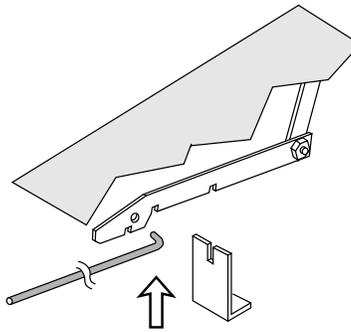
NOTE: The fireplace is shipped with the restrictor in position #1 (fully open).

To Adjust the Restrictor:

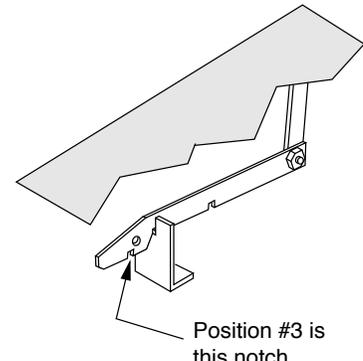
- Determine the correct restrictor position (see the charts under "Approved Vent Configurations" - the stock position is #1).
- Lift up the adjustment plate and move it so the correct notch falls into the slot on the adjustment bracket.



This restrictor is in position 1.



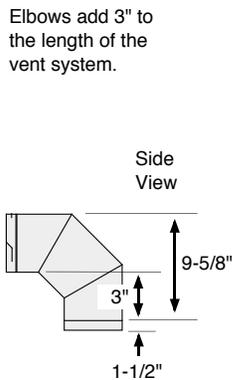
To adjust, use the rod included in the owner's pack to lift up on the adjustment plate.



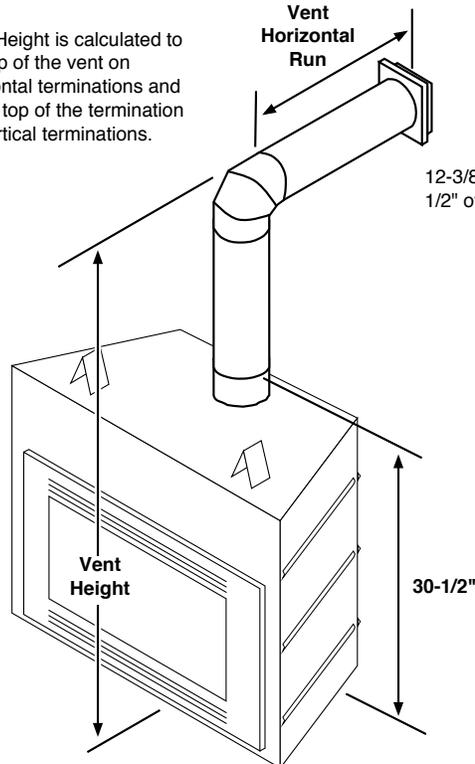
This restrictor is in position 2.

Elbows

- A maximum of two 90° elbows may be used. **NOTE:** do not use a 90° elbow between two horizontal sections. **NOTE:** one additional 45° elbow may be used between two horizontal sections.



Vent Height is calculated to the top of the vent on horizontal terminations and to the top of the termination on vertical terminations.

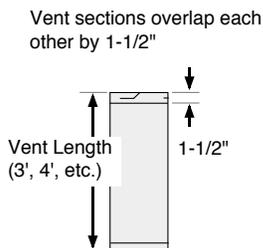


12-3/8" tall with 1-1/2" of overlap

8-3/4" wide with 1-1/2" to 3-3/8" of overlap

- or -

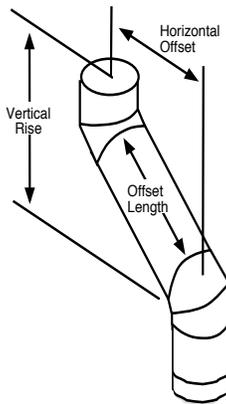
- Two 45° elbows may be used between vertical sections.



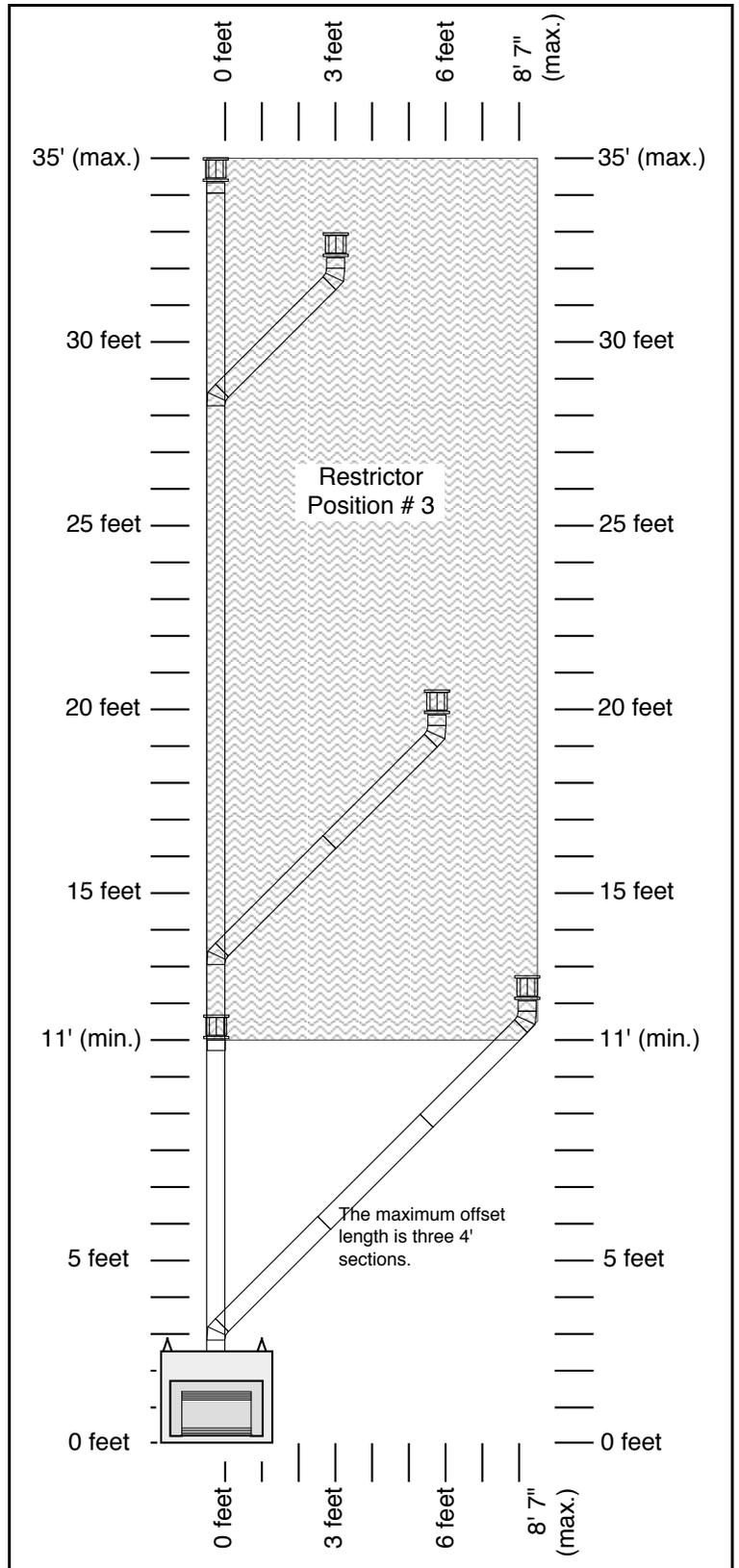
Measuring Vent Lengths

Approved Venting Configurations for Vertical Terminations with or without Offsets

- 11 Foot Minimum System Height (with or without offsets)
- 35 Foot Maximum System Height
- 8' 7" Maximum Offset
- A Maximum of Two 45° Elbows May be Used
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.

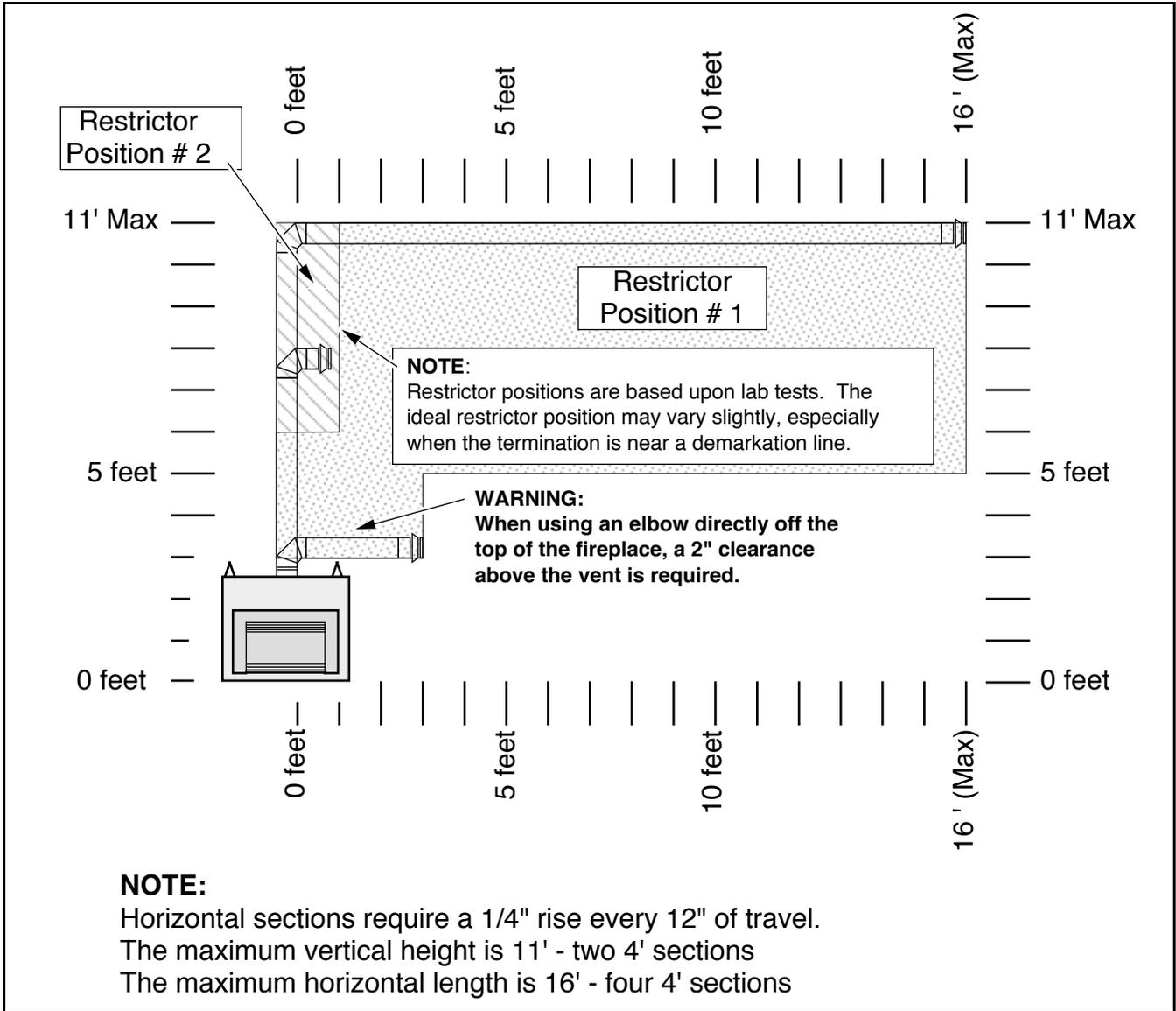


Offset Length	Hor. Offset	Vert. Rise
None	5"	1'
1' Section	1'	1' 7"
2' Section	1' 9"	2' 4"
3' Section	2' 5"	3'
4' Section	3' 2"	3' 8"
4' + 1' Section	3' 9"	4' 4"
4' + 2' Section	4' 6"	5'
4' + 3' Section	5' 2"	5' 9"
4' + 4' Section	6'	6' 9"



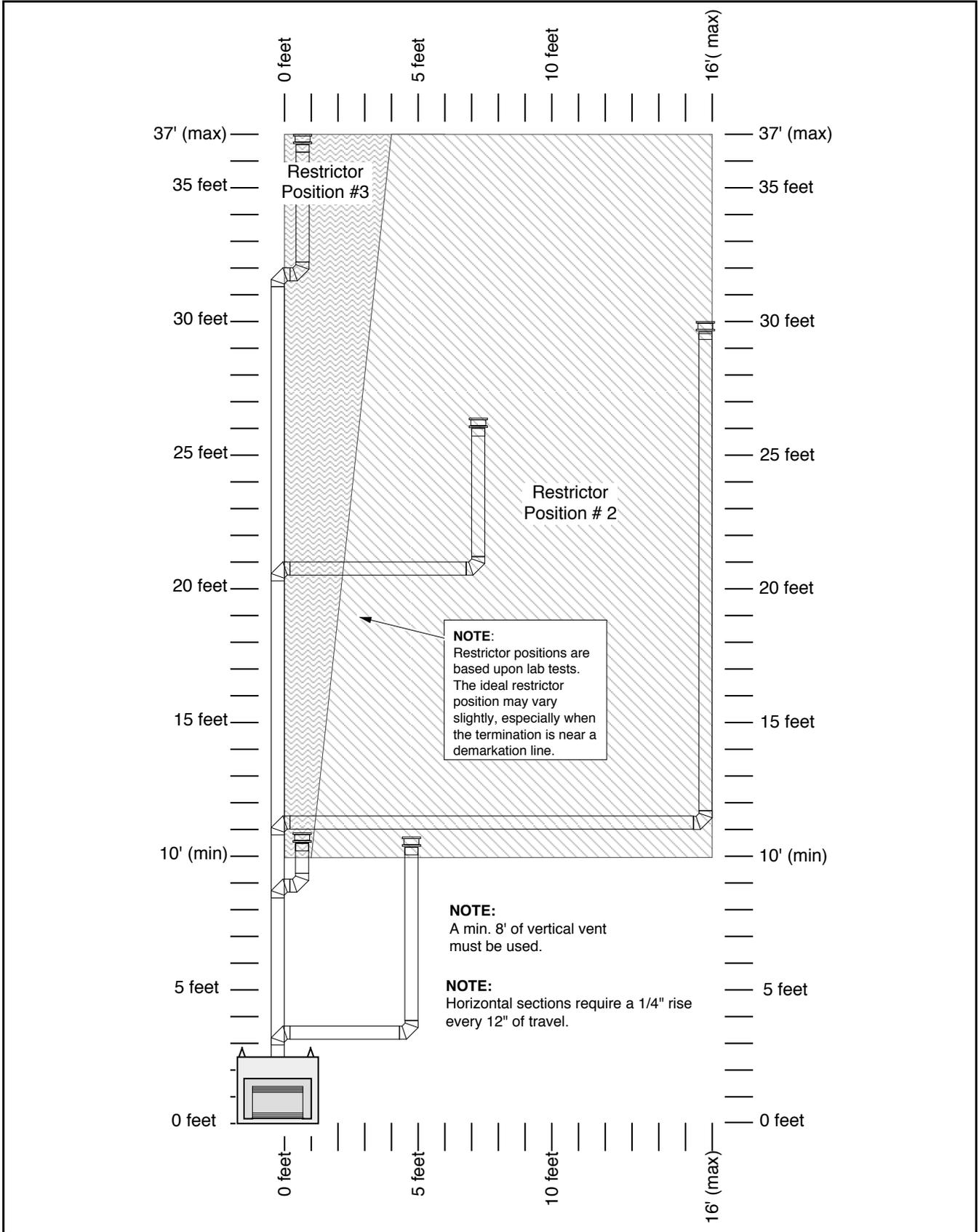
Approved Venting Configurations with a Horizontal Termination

- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.



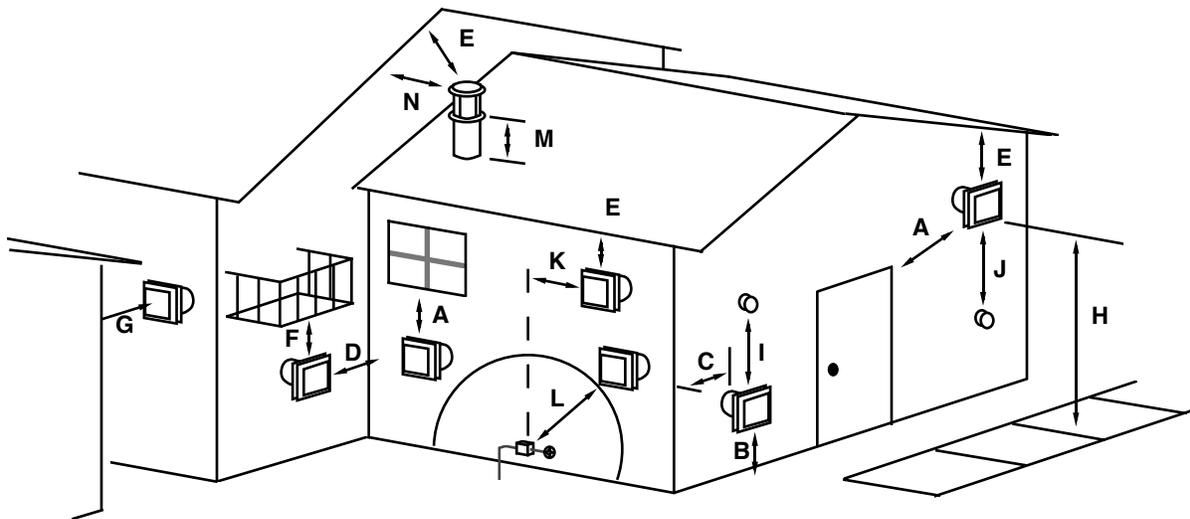
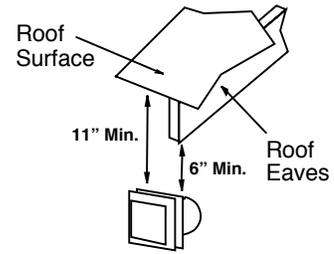
Approved Venting Configurations for Vertical Terminations with Two 90° Elbows

- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.



Termination Requirements (see the illustration below)

- A Minimum 9" clearance from any door or window
 - B Minimum 12" above any grade, veranda, porch, deck or balcony
 - C Minimum 12" from outside corner walls
 - D Minimum 12" from inside corner walls
 - E Minimum 11" clearance below unventilated soffits or roof surfaces
Minimum 18" clearance below ventilated soffits
Minimum 6" clearance from roof eaves
NOTE: Vinyl surfaces require 24"
 - F Minimum 18" clearance below a veranda, porch, deck or balcony (must have two open sides)
 - G Minimum 48" clearance from any adjacent building
 - H Minimum 84" clearance above any grade when adjacent to public walkways or driveways
NOTE: may not be used over a walkway or driveway shared by an adjacent building
 - I Minimum 48" clearance from any mechanical air supply inlet, 72" for Canada
 - J Minimum 36" clearance above and 48" below and to the sides of non-mechanical air supply inlet
 - K Minimum 36" from the area above the meter/regulator (vent outlet)
 - L Minimum 36" from the meter/regulator (vent outlet)
 - M Minimum 12" above the roof line (for vertical terminations)
- *Note: In Canada the vent termination must be a minimum 2' tall and 2' above any portion of the roof within 10' of the vent.**
- N Minimum 24" horizontal clearance to any surface (such as an exterior wall) – for vertical terminations



NOTE: Measure clearances to the nearest edge of the exhaust hood.

- Use the vinyl siding standoff (#950) when installing on an exterior with vinyl siding.
- Vent termination must not be located where it will become plugged by snow or other material
- These clearances meet UMC-1994 and the CNA/CGA-B149 code standards.

Gas Line Requirements

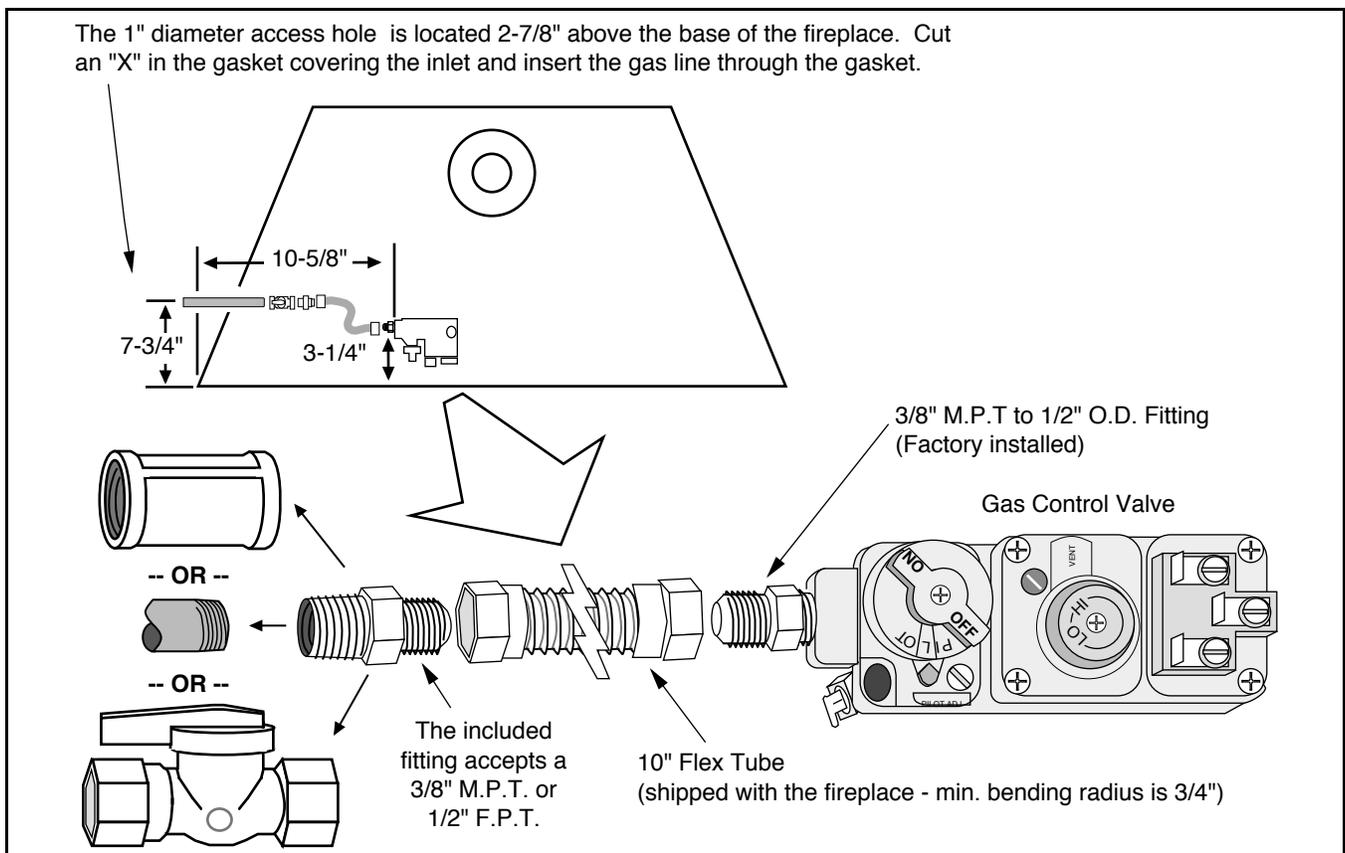
- ! The gas line must be installed in accordance with all local codes, if any; if not, follow ANSI 223.1 and the requirements listed below.
- ! The fireplace and gas control valve must be disconnected from the gas supply piping during any pressure testing of that system at test pressures in excess of 1/2 psig. For pressures under 1/2 psig, isolate the gas supply piping by closing the manual shutoff valve.
- ! Leak test all gas line joints and the gas control valve prior to and after starting the fireplace.

Fuel

- This heater is designed for natural gas but can be converted to propane (see page 38). Check the sticker on the top of the gas control valve to make sure the correct fuel is used.

Gas Line Connection

- A manual shutoff valve is required (it may be installed behind the access door inside the fireplace)



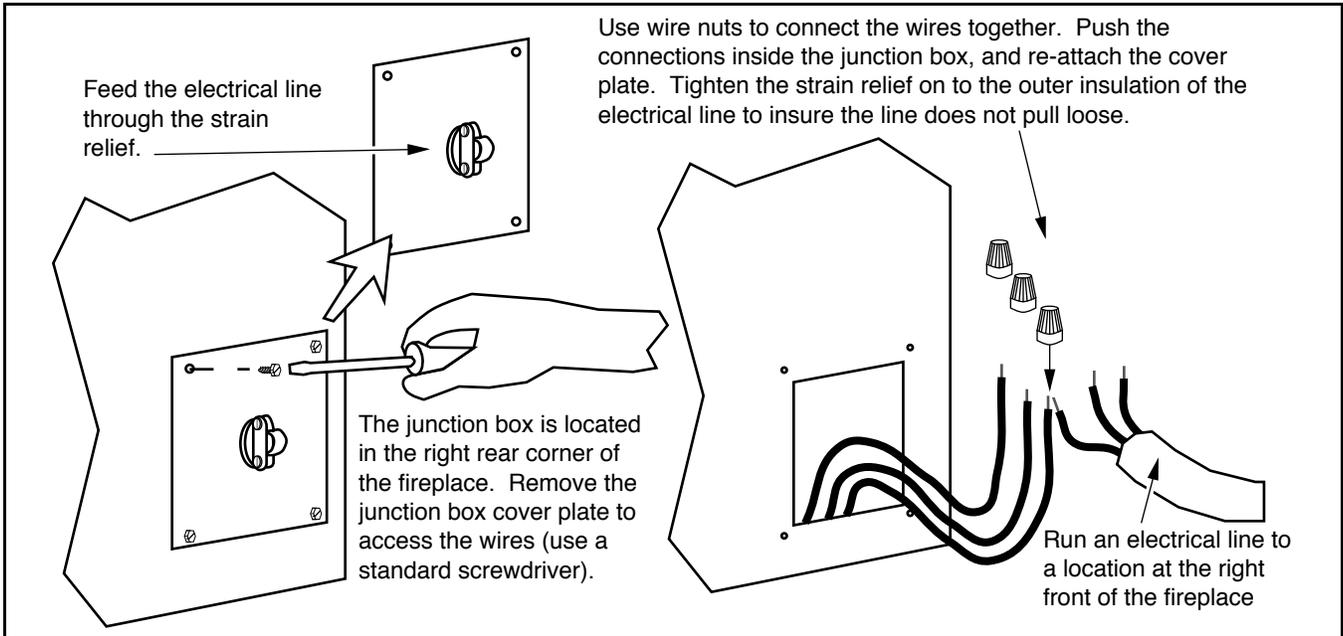
Gas Inlet Pressure:

	Standard Input Pressure
Natural Gas	7" W.C. (1.74 kPA)
Propane	11" W.C. (2.73 kPA)

- If the pressure is not sufficient, make sure the piping used is large enough, the supply regulator is adequately adjusted, and the total gas load for the residence does not exceed the amount supplied.
- The supply regulator (the regulator that attaches directly to the residence inlet or to the propane tank) should supply gas at the suggested input pressure listed above. Contact the local gas supplier if the regulator is at an improper pressure.

Electrical Connection

- ! Make sure the household breaker is shut off prior to working on any electrical lines.
- ! The fireplace must be properly grounded in accordance with local codes (or ANSI/NFPA 70-1987)
- The electrical line must be 14 gauge, and supply 120 Volts at 60 Hz (2 Amps)



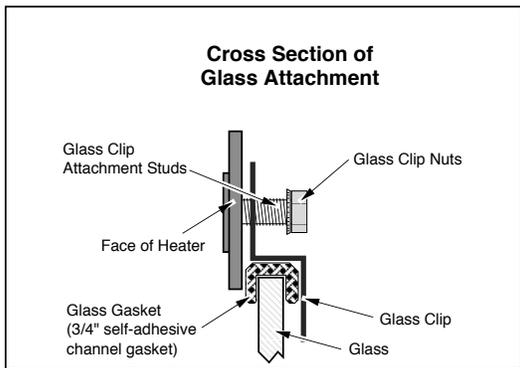
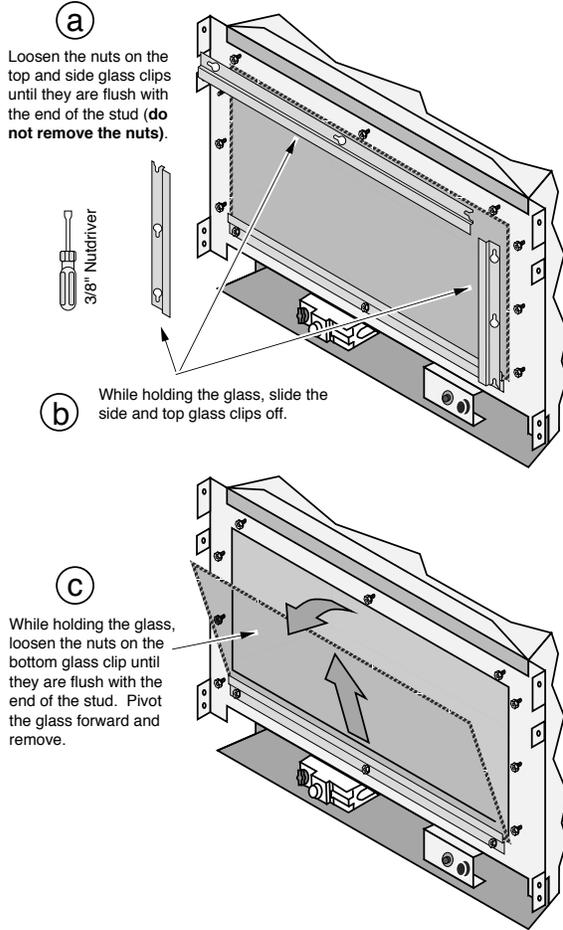
- 1 Remove the junction box cover at the right front corner of the fireplace near the base.
- 2 Feed the electrical line through the strain relief (use insulated Romex (®) type wire).
- 3 Remove the wires from the junction box. Expose approximately 1/2" of metal wire from each line of the electrical line. Use wire nuts to secure the wires together. Connect the green wire to the ground wire (usually green), the white wire to the common wire (usually white), and black wire to the hot wire (usually black).

NOTE: If using a **thermostat or remote control**, route the wire through the junction box along with the electrical line - see the section "Optional Equipment".

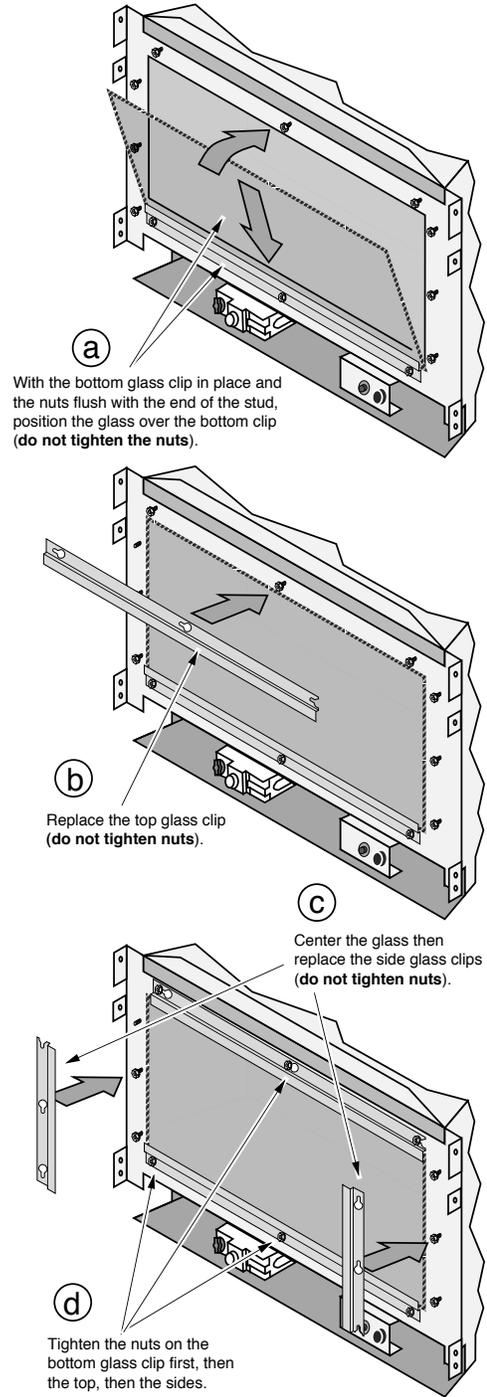
- 4 Push the wire connections into the junction box. Replace the cover plate.
- 5 Tighten the strain relief on to the outer insulation of the electrical line to secure.

- ! **ACID WASH WARNING:** Before installing the faceplate, make sure any masonry that has been treated with acid wash has been properly neutralized (this is used primarily with brick faces). Acid wash (muriatic acid) is used to remove excess mortar. If not properly neutralized with an ammonia solution, the gold face may develop a permanent tarnish when the acid evaporates over time. Contact your dealer if uncertain your facing has been properly neutralized.
- ! Turn the gas control valve to "OFF" prior to conducting any service.
- 1 Follow the instructions below to remove the glass.

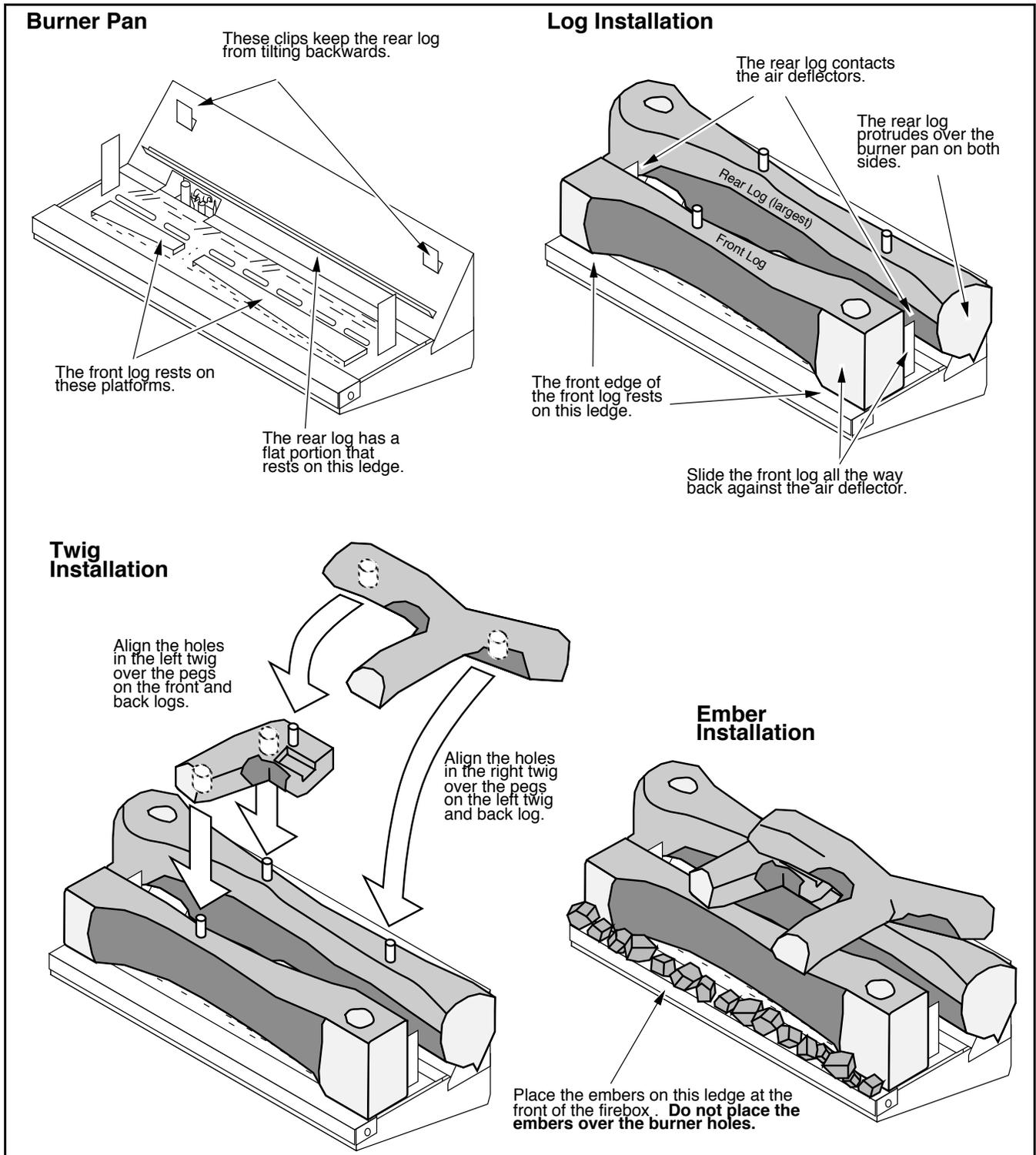
Removing the Glass



Replacing the Glass

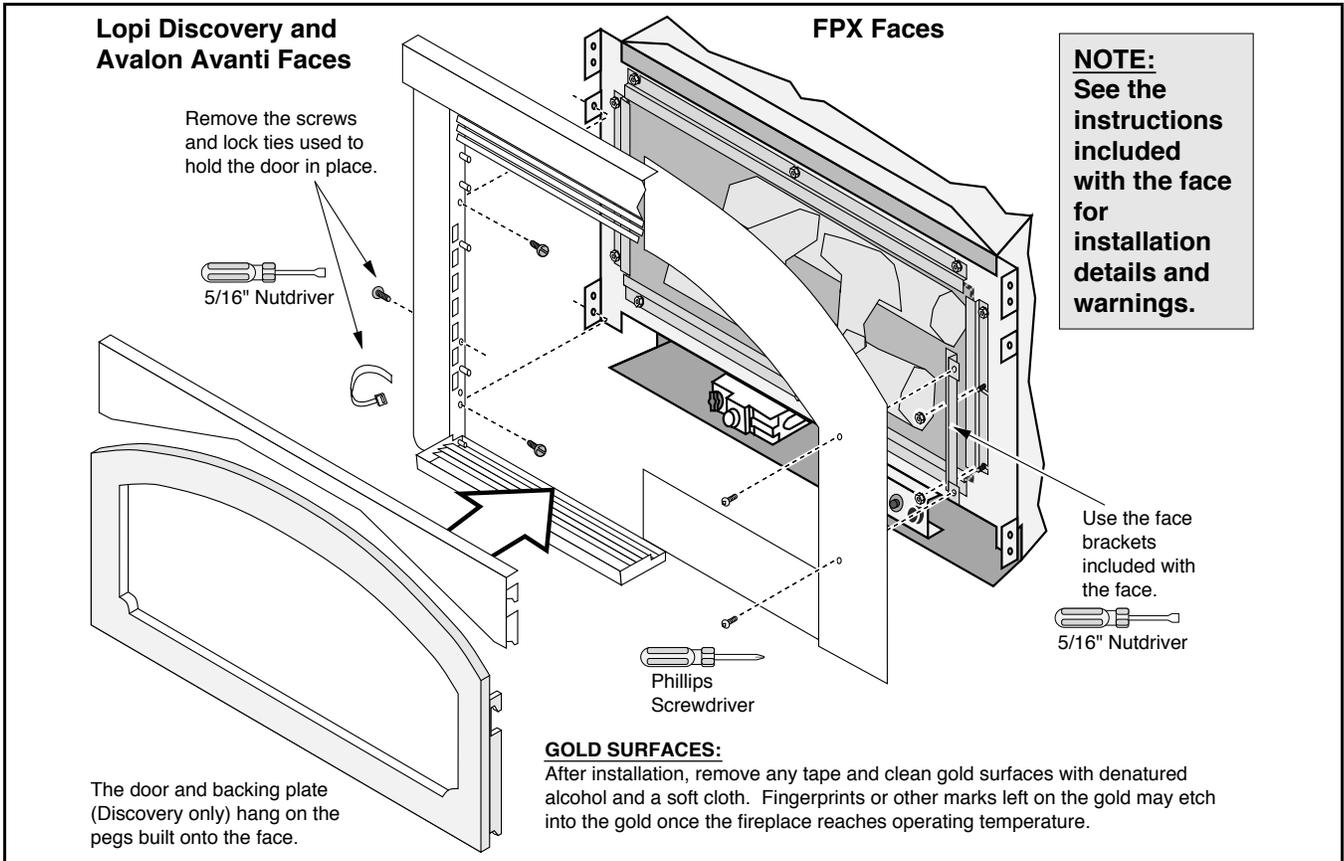


2 Install the logs, twigs, and embers.



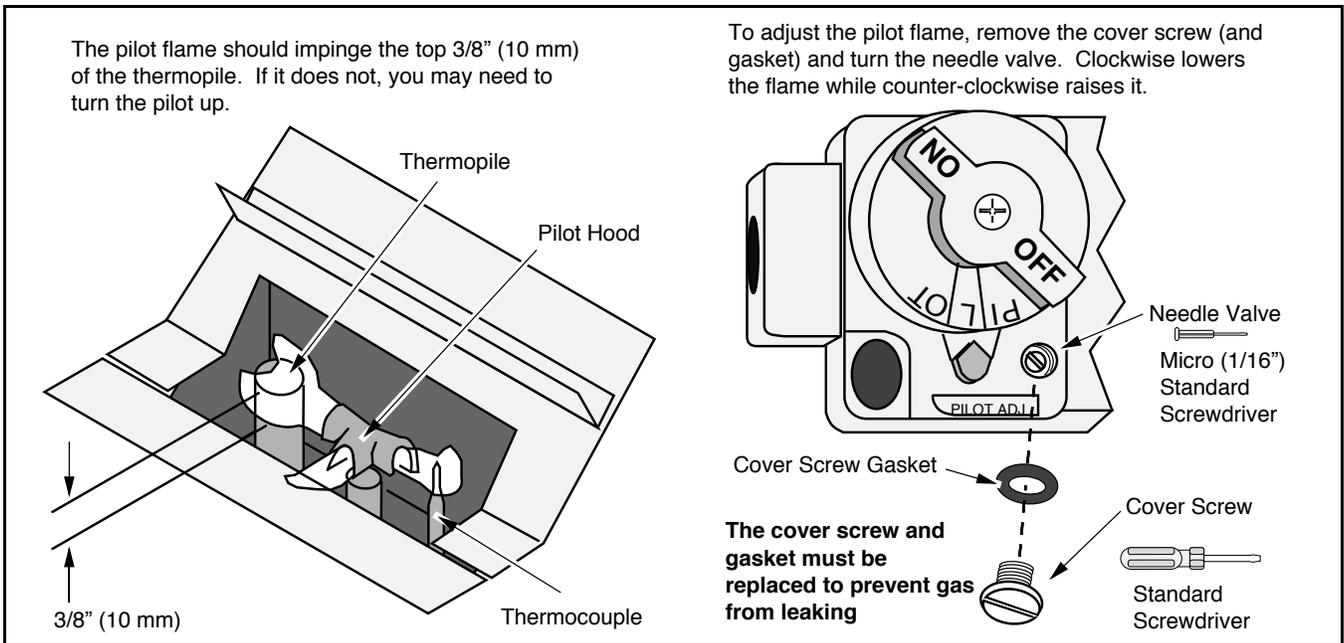
- ! We recommend you purge the gas line at this time (with the glass removed). This allows gas to be detected once it enters the firebox, ensuring gas does not build up.
- 3** Replace the glass. Make sure the glass is centered, the gasket remains in place, and the glass forms an air-tight seal. Tighten the glass clips to secure the glass. See the illustration on page 24.

4 Install the face following the instructions included with the face.



5 Turn on gas to the heater. Leak test all gas joints prior to starting the appliance. Start the pilot. Start the main burner. Leak test all gas joints again.

6 Check the pilot flame to make sure it looks like the illustration below. Adjust the pilot flame if necessary.



- 7 Let the heater burn for fifteen minutes. Adjust the air shutter, if necessary, to achieve the correct flame (see the illustration below).
 - The air shutter adjusts the amount of air that mixes with the gas before it exits the burner holes. It is used to fine-tune the flame for differences in altitude and vent configuration.

Locate the air shutter adjustment lever behind the gas control valve. Move it up or down until the flame is correct. Pushing up gives the flame more air (making it bluer). Pulling it down cuts air down, making it more orange.

NOTE: If the air control is all the way up, yet the flames remain sooty, shut off gas to the fireplace and contact a qualified gas service technician.

Gas Control Valve

NOTE: The logs must be installed correctly to monitor the flame while adjusting the air shutter.

Correct
Flames should be blue at the base, yellow-orange on the top.

Not Enough Air
If the flames are too tall or sooty on the ends, push up on the lever.

Too Much Air
If the flames are all blue and short, pull down the lever.

- ! If the air shutter is in its fully open position, yet the flames remain sooty, shut off gas to the heater and contact your Travis Industries Dealer for a remedy.
- ! If the vent configuration is installed incorrectly the vent may cause the flames inside the heater to lift or "ghost" – a dangerous situation. Inspect the flames after installation to insure proper performance. If the vent configuration is correct, yet the flames are lifting or ghosting, shut off gas to the heater and contact the dealer for information on remedying the problem.

Burner Pan

The flames should burn right off the top of the burner ports (if they are too blue, adjust the air control).

Burner Ports (consists of slots and holes)

If the flames are lifting, yet the vent configuration is correct, contact your dealer.

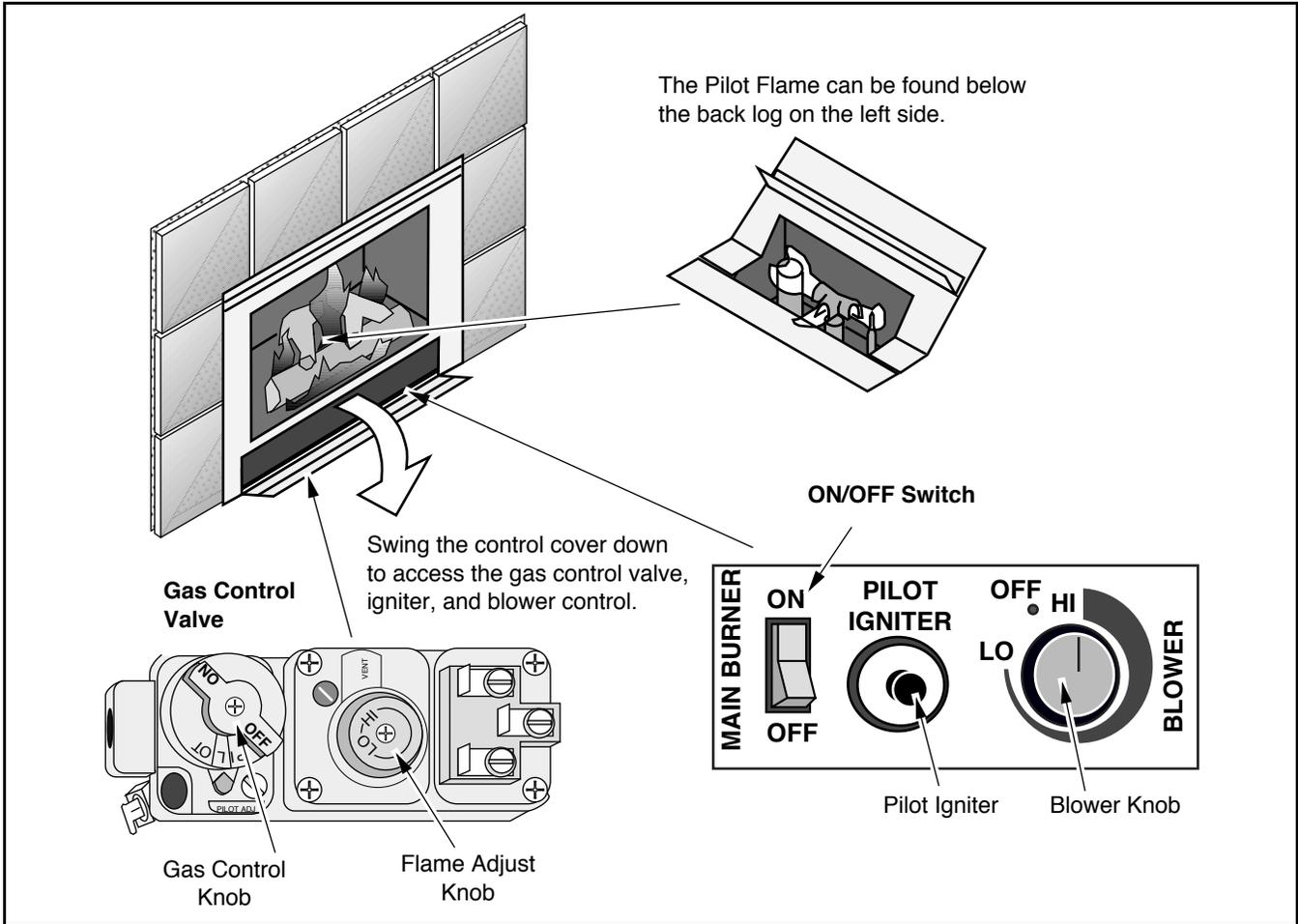
If the flames are ghosting, yet the vent configuration is correct, contact your dealer.

- 8 Turn the flame adjust knob to its highest position - the flames should be approximately 8". Check the flame on low position. The flames should burn off of each burner hole. If the heater does not work correctly, contact your dealer for a remedy.
- 9 Give this manual to the home owner and fully explain the operation of this heater.

Before You Begin

! Read this entire manual before you use your new fireplace (especially the section "Safety Precautions" on pages 2 & 3). Failure to follow the instructions may result in property damage, bodily injury, or even death.

Location of Controls - See explanation below



Blower Knob

This knob controls the speed of the internal convection blower that pushes the heated air into the room.

On/Off Switch

This control is used to turn the fireplace on and off.

Pilot Igniter

The pilot igniter is used only to start the pilot. When pressed, it sends an electrical charge to the pilot assembly. This creates a blue spark directly next to the pilot, igniting the pilot flame.

Gas Control Knob

This knob is used to control gas to the fireplace and for starting the pilot. There are three positions, ON, OFF, & PILOT. The pointer directly below the knob indicates the position this knob is in.

Flame Adjust Knob

This knob controls the flame height from low ("LO") to high ("HI"). The pointer to the upper left of the knob points to the position this knob is in.

? If using a remote control or thermostat, the On/Off Switch must be left "ON". Turning the On/Off Switch "OFF" will keep the fireplace off always.

Starting The Pilot Flame

The pilot flame is required to ignite the main burners (it also plays a safety role). It should be left on once lit. It will stay lit unless the gas control valve is turned to "OFF". However, the pilot will go out if the gas is shut off, the propane tank runs out (or low) or if the stove malfunctions. If the pilot turns off frequently, call your dealer for information. To start the pilot follow the directions below:

WARNING:

When lighting or re-lighting the pilot, the glass must be removed (see page 24).

- a Remove the glass (see page 24 for details).
- b Push the gas control knob in slightly and turn it to the "OFF" position. The knob will not turn from "ON" to "OFF" unless the knob is depressed slightly. Wait five minutes to let any gas that may have accumulated inside the firebox escape. If you smell leaking gas, follow the directions on the cover "IF YOU SMELL GAS".
- c Turn the gas control knob to the "PILOT" position and press the knob in, this will allow gas to flow to the pilot light. Press the red button on the pilot igniter repeatedly until you see the pilot light.

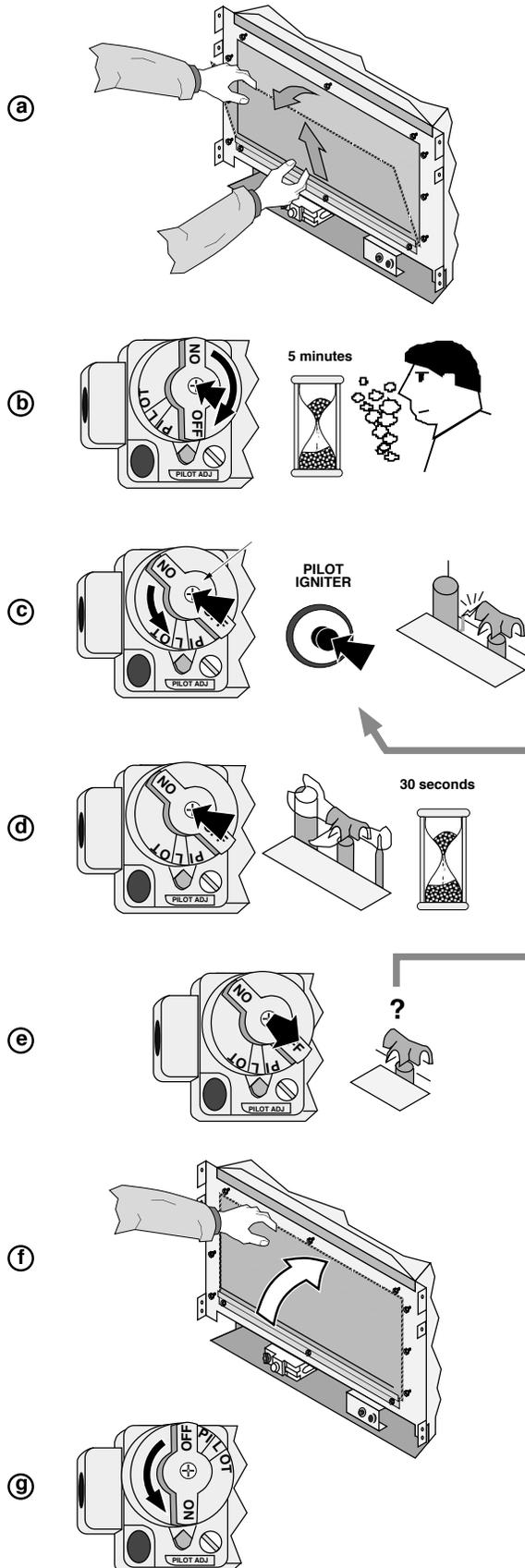
WARNING:

If the pilot does not light after 15 seconds, release the knob and call your dealer for service. Do not attempt to light pilot until service has been performed.

NOTE:

You may wish to remove the log set to gain a better view of the pilot (see page 25).

- d Keep the gas control knob depressed for 30 seconds once it is lit.
- e Release the gas control knob. If the pilot goes out, repeat step C. If the pilot refuses to stay lit, call your dealer for service. With the pilot lit, proceed to step "f".
- f Replace the glass.
- g Turn the gas control knob counter-clockwise to "ON". The pilot is now lit and the heater can be turned on and off.



Starting the Fireplace for the First Time

Cleaning Gold Surfaces

Fingerprints or other marks left on gold surfaces may become etched in place if they are not wiped clean prior to turning the stove on. With the heater cool, clean gold surfaces with denatured alcohol and a soft cloth.

Fumes from the Painted Surfaces Curing

Burn the heater at a high setting with the blower off for an extended period (up to 48 hours). This will cure the painted surfaces. **Fumes** from the paint curing and oil burning off the steel will occur. This is normal. We recommend opening a window to vent the room.

Condensation

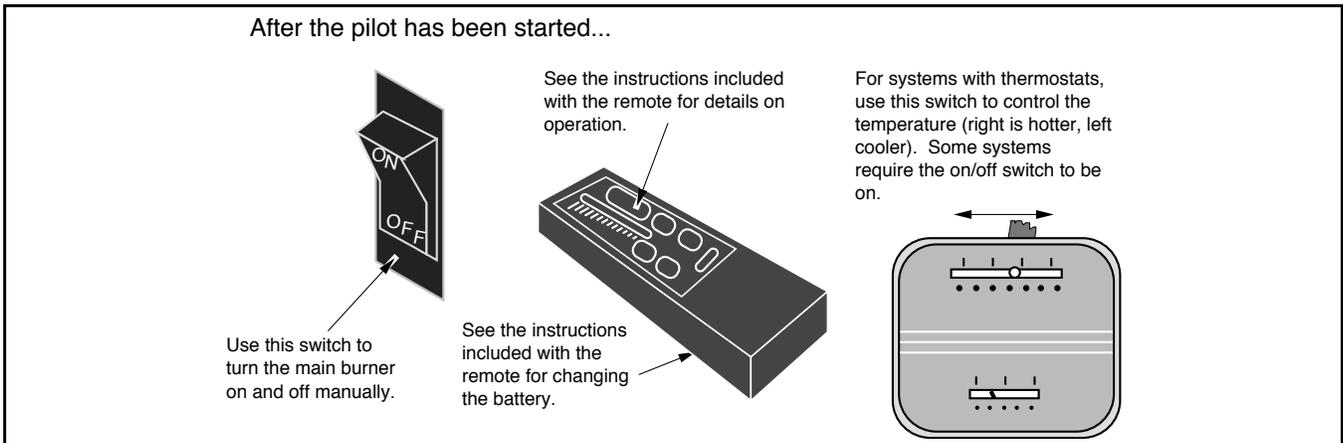
Water may appear on the glass each time you start the heater - this is normal.

Blue Flames

Blue flames will occur on the fireplace when it first comes on. After fifteen minutes the flames will turn a more realistic yellow and orange color.

- ? Certain installations use a remote "wall switch" to turn the fireplace on and off. If this is the case, leave the ON/OFF switch "ON".

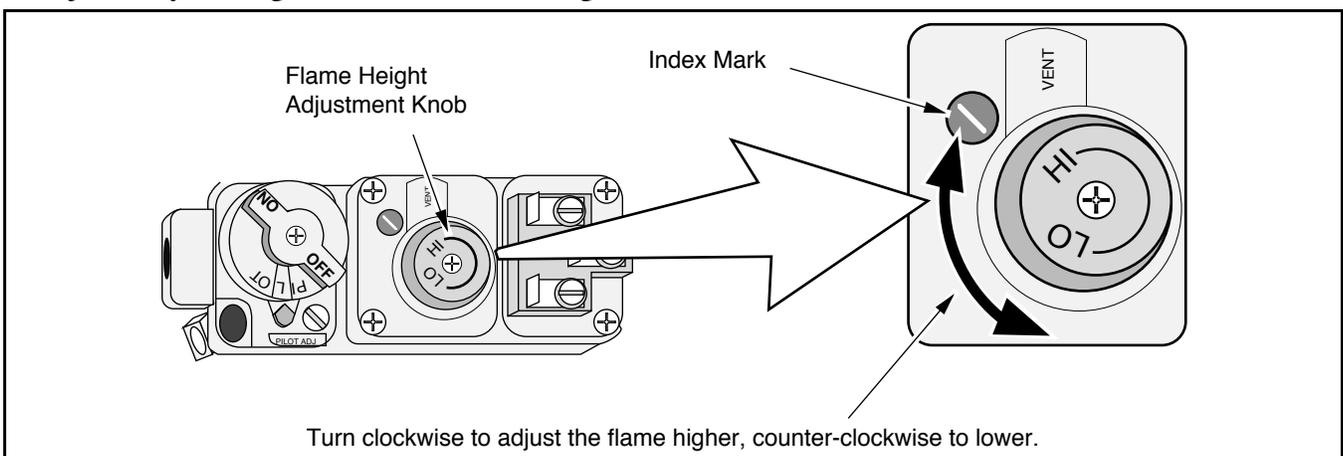
Turning the Fireplace On and Off



- ! Do not place any combustible items on top of or directly in front of the fireplace, even temporarily. The optional thermostat may start the fireplace causing a combustible item to ignite.
- ? If the fireplace turns on and off frequently while using the thermostat, you may want to adjust the flame height down until it produces just enough heat needed.

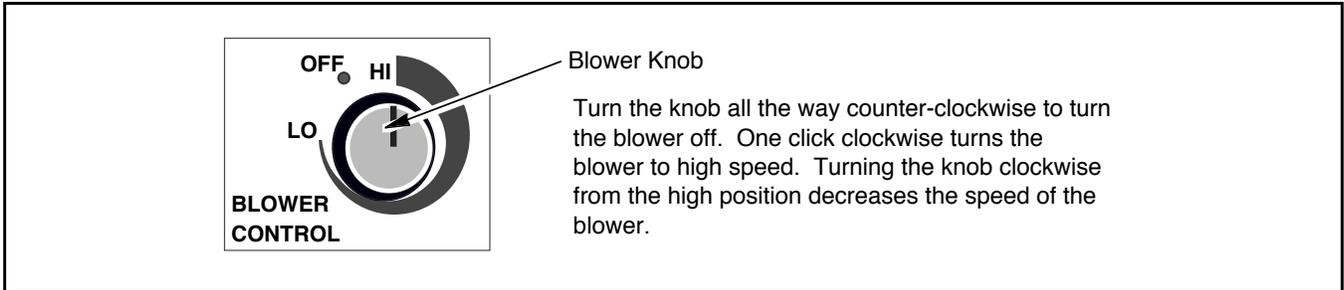
Adjusting the Flame Height

- + Your fireplace has an adjustable flame to tailor the look and heat output to your specific needs. It is adjusted by turning the middle dial on the gas control valve.

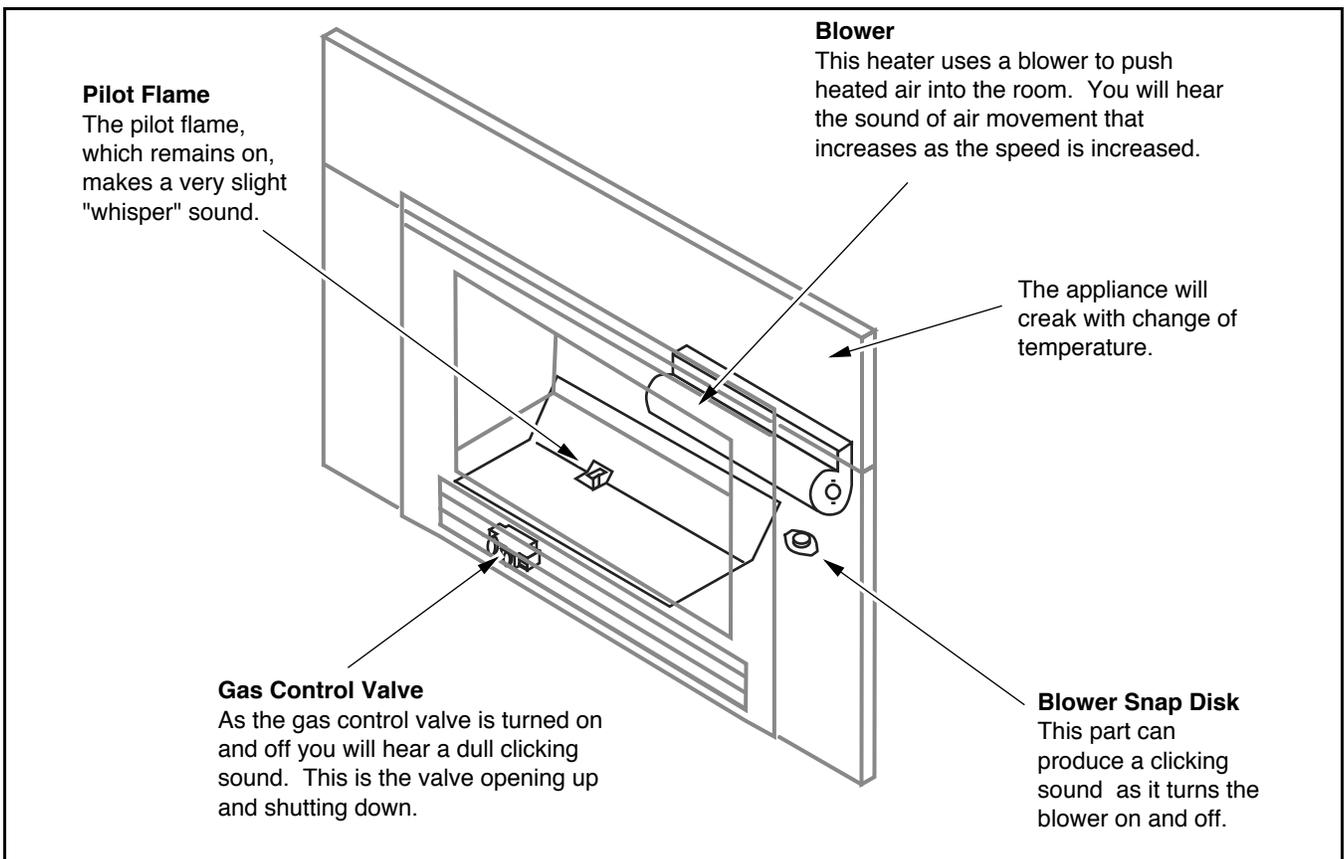


Adjusting the Blower Speed

- + The blower helps transfer the heat from the fireplace into the room. It will not turn on until the fireplace is up to temperature (approximately 10 minutes after starting). See the illustration below for instructions on adjusting the blower speed.



Normal Operating Sounds

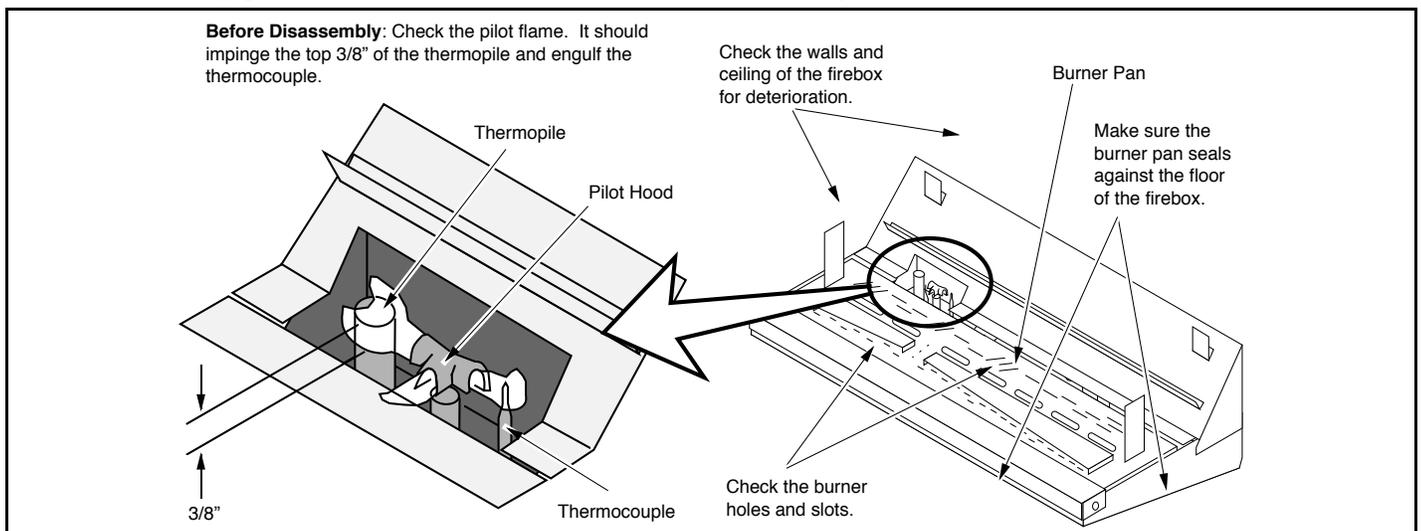


Maintaining Your Fireplace's Appearance

- ! Fingerprints or other marks left on the optional gold surface may become etched in place if they are not wiped clean prior to turning the stove on. Clean the gold with denatured alcohol and a soft cloth.
- Use denatured alcohol and a soft cloth to clean gold surfaces (make sure the fireplace is cool). Other cleaners may leave a film that may become etched into the gold.

Yearly Service Procedure

- ! Failure to inspect and maintain the fireplace may lead to improper combustion and a potentially dangerous situation. We recommend the following procedures be done by a qualified technician.
- 1 Check the pilot flame. It should engulf approximately 3/8" of the top of the thermopile and engulf the top of the thermocouple (see illustration below). If it does not, contact your dealer for service.
- 2 Shut off gas to the fireplace by turning the gas control knob to "OFF" (see step A under "Starting the Pilot" on page 29). Let the fireplace cool for 15 minutes. Remove the faceplate (see instructions included with face) and glass (see page 24).
- 3 Remove the log set (**NOTE: the logs are very fragile** - see page 25). If any log is cracked or deteriorated, replace it when re-installing. Check the logs for sooting. A small amount of soot along the bottom of the logs is normal. If excessive sooting is found, the fireplace will require adjustment. Contact your dealer or a qualified technician for service.
- 4 Clean the burner pan (especially in the burner holes and slots) and inspect the following:
 - Check for burner pan holes that are cracked, severely warped, or corroded.
 - Make sure the burner pan assembly fits flat against the floor of the firebox.
 - Check the firebox and area around the pilot to make sure there is no warping or damage.
 If any problem is found, discontinue use and contact your dealer for service.



- 5 Replace the log set. Replace the glass (if the glass is damaged, replace it). Make sure the gasket along the perimeter of the glass contacts the face of the firebox and forms an air-tight seal. If it does not, re-align or replace the gasket to insure an air-tight seal. Replace the faceplate.
- 6 Inspect the area behind the access door. Check the gas control valve and all of the gas lines. If any damage is found, discontinue use and contact your dealer for service.
- 7 Start the pilot and turn on the main burner. The flames should be orange/yellow and not touch the top of the firebox. If the pilot or main burners do not burn correctly, contact your dealer for service. Monitor the blower operation.
- 8 Remove any debris or vegetation near the vent termination. Contact your dealer if any sooting or deterioration is found near the vent termination.

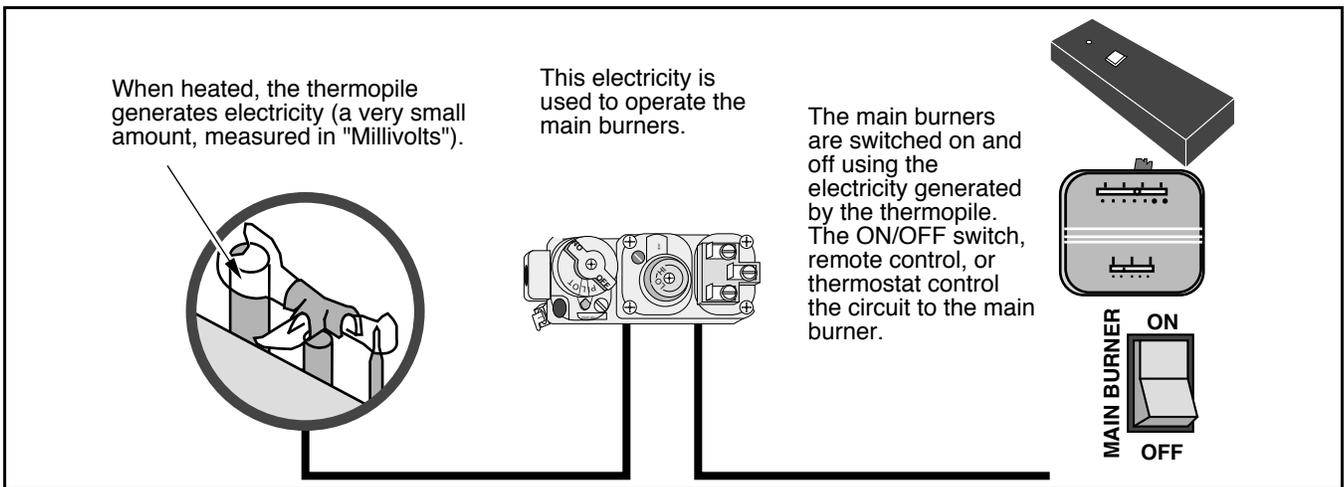
Problem:	Possible Cause:	Don't Call for Service Until You:
Pilot Will Not Light	A gas shut off valve is turned off.....	Check all gas shut off valves
	The gas control knob isn't turned to "PILOT".....	See "Starting the Pilot Light" Step C
	The valve control knob isn't pushed in.....	See "Starting the Pilot Light" Step C
	The igniter wasn't pressed repeatedly.....	See "Starting the Pilot Light" Step C
Main Burners Will Not Start	The pilot light has gone out.....	See "Starting the Pilot Light"
	The gas control valve is turned to "PILOT" or "OFF"	See "Starting the Pilot Light"
	The ON/OFF switch is turned to "OFF".....	Turn the ON/OFF switch to "ON"
	The remote control is not working correctly.....	See the remote control instructions
	The thermostat is disconnected or set too low.....	See "Thermostat Operation"
Remote Control Does Not Work	The pilot light has gone out.....	See "Starting the Pilot Light"
	The gas control valve is turned to "PILOT" or "OFF"	See "Starting the Pilot Light"
	The ON/OFF switch is turned to "OFF".....	Turn the ON/OFF switch to "ON"
	The remote is too far away from the fireplace.....	Use the remote closer to the fireplace
	The remote control receiver is turned "Off".....	See the remote control instructions
	One of the two remote control batteries is dead.....	See the remote control instructions
Thermostat Does Not Work	The pilot light has gone out.....	See "Starting the Pilot Light"
	The gas control valve is turned to "PILOT" or "OFF"	See "Starting the Pilot Light"
	The ON/OFF switch is turned to "OFF".....	Turn the ON/OFF switch to "ON"
	The thermostat is set too low.....	See "Thermostat Operation"
Fireplace Will Not Distribute Heat	The fireplace is not getting electricity.....	Check the breaker switch
	The fireplace is not up to temperature.....	See "Operating Your Fireplace"
Pilot Goes Out Once A Month Or More	The gas supply has been shut off.....	Keep the gas supply turned on
Flames Are Too Blue	The fireplace has just been started.....	This is normal - see "Starting the Fireplace for the First Time"
	Improper air shutter adjustment.....	Adjust Air Shutter - contact your dealer
Flames Are Too Short (Under 6")	The flame height may be turned too low.....	Turn the flame height to "HI" - See "Adjusting the Flame Height"
Thin Layer of Soot Covers the Glass	The logs or coals are placed incorrectly.....	See "Log Set Installation and Removal"
	Improper air shutter adjustment.....	Adjust Air Shutter - contact your dealer

How this Fireplace Works

- ! This fireplace was designed with safety as the primary concern. Many of the components inside this fireplace are for safety purposes. Therefore, only certified gas service technicians should service this fireplace.

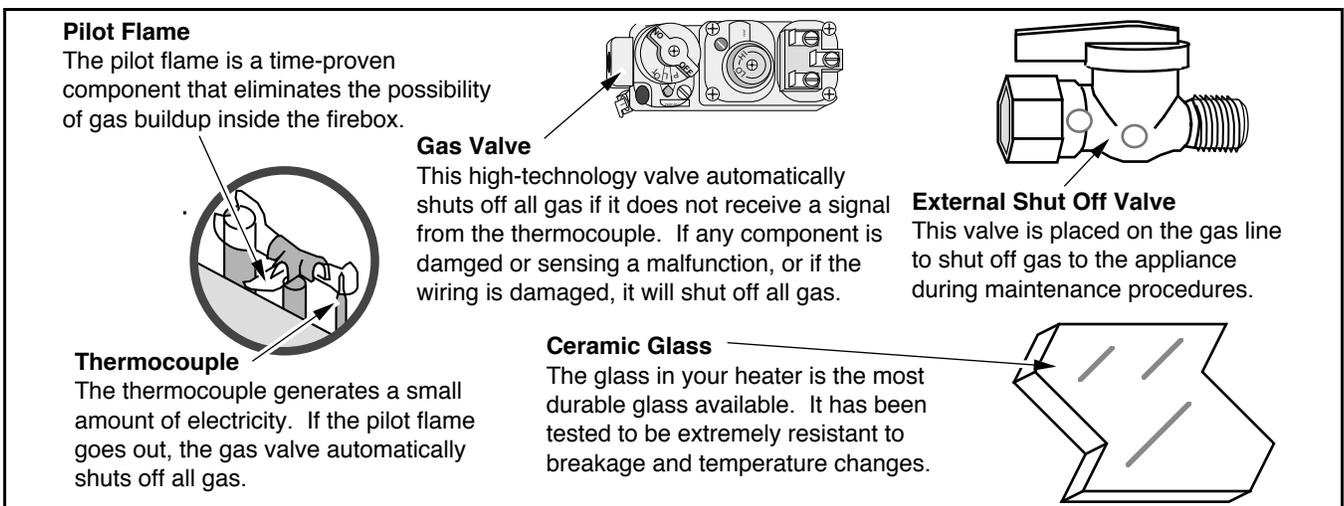
What Turns the Main Burners On and Off

This fireplace uses a millivolt system to control its operation (a millivolt is a very small amount of electricity). The thermopile and thermocouple generate electricity when heated by the pilot flame. This electricity is used to operate the gas valve. Without enough electricity, the gas valve will not turn on. That is why when starting the pilot the gas control knob has to be pressed in long enough for the thermocouple to heat up and generate enough electricity. The thermopile provides power for the ON/OFF switch, remote control, or thermostat (see the illustration below). Because the thermopile generates the electricity needed to turn the fireplace on and off, this fireplace can be operated when the power is out (although the blower will not run).

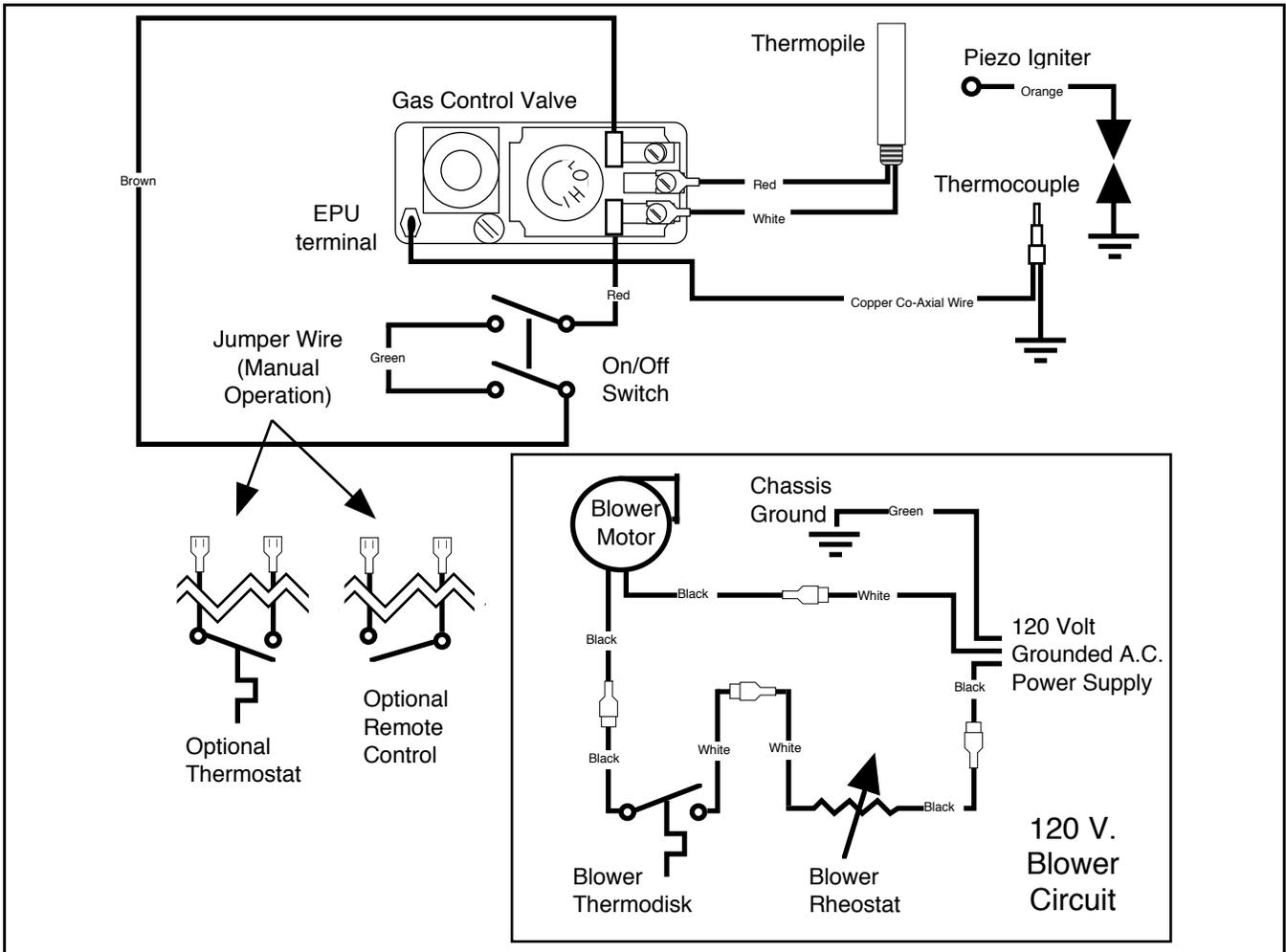


What Prevents Gas Buildup

- + This appliance utilizes a high-technology gas valve in conjunction with a pilot flame to ensure no gas builds up inside the firebox.
- + The thermocouple (next to the pilot) senses when the pilot flame is lit. If the pilot flame goes out, this thermocouple no longer generates electricity, causing the gas valve to automatically shut off all gas to the heater, preventing the pilot from spilling gas into the firebox.



Wiring Diagram



To register your TRAVIS INDUSTRIES, INC. 7 Year Warranty, complete the enclosed warranty card and mail it within **ten (10)** days of the appliance purchase date to: TRAVIS INDUSTRIES, INC., 10850 117th Place N.E., Kirkland, Washington 98033. TRAVIS INDUSTRIES, INC. warrants this gas appliance (appliance is defined as the equipment manufactured by Travis Industries, Inc.) to be defect-free in material and workmanship to the original purchaser from the date of purchase as follows:

Years 1 & 2 - COVERAGE: PARTS & LABOR

Burner Assembly:

Burner, Burner Pan, Air Shutter Assembly, Main Burner Orifice

Firebox Assembly:

Adjustable Air Restrictor, Pressure Relief Mechanisms, Barometric Control Mechanism (for models with Remote Heat Ducts), Glass Attachment Mechanism

Electrical Assembly (within heater structure):

Blower, wiring harness, snap discs, rheostat speed control

Gold & Nickel Plating

Face & Door (see "Conditions and Exclusions" # 9)

Gas Control Assembly

Adjustable control valve, millivolt wiring and connectors (located within the metal heater structure), thermopile, thermocouple, pilot hood, orifices, pilot gas line, piezo ignitor

Ceramic Glass

Glass (breakage from thermal shock)

Ceramic Logs

Log Set, Coals, Ember Strip (Steel Fiber)

Accessories

Cast Brick, Cast Firebacks, Power Heat Ducts, Andirons

Convection Heat Exchanger

Re-Installation Allowance

In cases where heater must be removed from home for repairs, a partial cost of re-installation is covered (pre-authorization required)

One-Way Freight Allowance

One-way freight allowance on pre-authorized repair done at factory is covered.

Exclusions: Paint, Gasketing

Years 3 THROUGH 5 - COVERAGE: PARTS & LABOR

Burner Assembly:

Burner, Burner Pan, Air Shutter Assembly, Main Burner Orifice

Convection Heat Exchanger

Firebox Assembly:

Adjustable Air Restrictor, Pressure Relief Mechanisms, Barometric Control Mechanism (for models with Remote Heat Ducts), Glass Attachment Mechanism

One-Way Freight Allowance

One-way freight allowance on pre-authorized repair done at factory is covered.

Exclusions: Paint, Gasketing, Electrical Assembly, Gas Control Assembly, Ceramic Glass, Ceramic Logs, Gold & Nickel Plating, Accessories, Re-Installation Allowance

Years 6 & 7 - COVERAGE: PARTS ONLY

Burner Assembly:

Burner Tubes, Burner Pan, Air Shutter Assembly, Main Burner Orifice

Firebox Assembly:

Adjustable Air Restrictor, Pressure Relief Mechanisms, Barometric Control Mechanism (for models with Remote Heat Ducts), Glass Attachment Mechanism

Exclusions: Paint, Gasketing, Electrical Assembly, Gas Control Assembly, Ceramic Glass, Ceramic Logs, Gold & Nickel Plating, Accessories, Convection Heat Exchanger, Re-Installation Allowance, One-Way Freight Allowance, Labor

CONDITIONS & EXCLUSIONS

1. This new gas appliance must be installed by a qualified gas appliance technician. It must be installed, operated, and maintained at all times in accordance with the instructions in the Owner's Manual. Any alteration, willful abuse, accident, neglect, or misuse of the product shall nullify this warranty.
2. This warranty is nontransferable, and is made to the ORIGINAL purchaser, provided that the purchase was made through an authorized TRAVIS dealer.
3. Discoloration and some minor expansion, contraction, or movement of certain parts and resulting noise, is normal and not a defect and, therefore, not covered under warranty. The installer must ensure the appliance is burning as per the rating tag at the time of installation. Over-firing (operation above the listed BTU rate) of this appliance can cause serious damage and will nullify this warranty.
4. The warranty, as outlined within this document, does not apply to the chimney components or other Non-Travis accessories used in conjunction with the installation of this product. If in doubt as to the extent of this warranty, contact your authorized TRAVIS retailer before installation.
5. Travis Industries will not be responsible for inadequate performance caused by environmental conditions such as nearby trees, buildings, roof tops, wind, hills or mountains or negative pressure or other influences from mechanical systems such as furnaces, fans, clothes dryers, etc.
6. This Warranty is void if:
 - a. The unit has been operated in atmospheres contaminated by chlorine, fluorine or other damaging chemicals.
 - b. The unit is subject to submersion in water or prolonged periods of dampness or condensation.
 - c. Any damage to the unit, combustion chamber, heat exchanger or other components due to water, or weather damage which is the result of, but not limited to, improper chimney/venting installation.
7. Exclusions to this 7 Year Warranty include: injury, loss of use, damage, failure to function due to accident, negligence, misuse, improper installation, alteration or adjustment of the manufacturer's settings of components, lack of proper and regular maintenance, damage incurred while the appliance is in transit, alteration, or act of God.
8. This 7 Year warranty excludes damage caused by normal wear and tear, such as paint discoloration or chipping, worn or torn gasketing, corroded or cracked logs, embers, etc. Also excluded is damage to the unit caused by abuse, improper installation, modification of the unit, drilling of the orifices, or the use of fuel other than that for which the unit is configured. Units are shipped for natural gas and must be converted to propane using the included conversion kit. Confirm fuel configuration with your installer.
9. Damage to gold or nickel surfaces caused by fingerprints, scratches, melted items, or other external sources left on the gold or nickel from the use of cleaners other than denatured alcohol is not covered in this warranty.
10. TRAVIS INDUSTRIES, INC. is free of liability for any damages caused by the appliance, as well as inconvenience expenses and materials. Incidental or consequential damages are not covered by this warranty. In some states, the exclusion of incidental or consequential damage may not apply.
11. This warranty does not cover any loss or damage incurred by the use or removal of any component or apparatus to or from the gas appliance without the express written permission of TRAVIS INDUSTRIES, INC. and bearing a TRAVIS INDUSTRIES, INC. label of approval.
12. Any statement or representation of TRAVIS products and their performance contained in TRAVIS advertising, packaging literature, or printed material is not part of this 7 year warranty.
13. This warranty is automatically voided if the appliance's serial number has been removed or altered in any way. If the appliance is used for commercial purposes, it is excluded from this warranty.
14. No dealer, distributor, or similar person has the authority to represent or warrant TRAVIS products beyond the terms contained within this warranty. TRAVIS INDUSTRIES, INC. assumes no liability for such warranties or representations.
15. Travis Industries will not cover the cost of the removal or re-installation of hearths, facing, mantels, venting or other components.
16. If for any reason any section of this warranty is declared invalid, the balance of the warranty remains in effect and all other clauses shall remain in effect.
17. THIS 7 YEAR WARRANTY IS THE ONLY WARRANTY SUPPLIED BY TRAVIS INDUSTRIES, INC., THE MANUFACTURER OF THE APPLIANCE. ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, ARE HEREBY EXPRESSLY DISCLAIMED AND PURCHASER'S RECOURSE IS EXPRESSLY LIMITED TO THE WARRANTIES SET FORTH HEREIN.

IF WARRANTY SERVICE IS NEEDED:

1. If you discover a problem that you believe is covered by this warranty, you MUST REPORT it to your TRAVIS dealer WITHIN 30 DAYS, giving them proof of purchase, the purchase date, and the model name and serial number.
2. Travis Industries has the option of either repairing or replacing the defective component.
3. If your dealer is unable to repair your appliance's defect, he may process a warranty claim through TRAVIS INDUSTRIES, INC., including the name of the dealership where you purchased the appliance, a copy of your receipt showing the date of the appliance's purchase, and the serial number on your appliance. At that time, you may be asked to ship your appliance, freight charges prepaid, to TRAVIS INDUSTRIES, INC. TRAVIS INDUSTRIES, INC., at its option, will repair or replace, free of charge, your TRAVIS appliance if it is found to be defective in material or workmanship within the time frame stated within this 7 year warranty. TRAVIS INDUSTRIES, INC. will return your appliance, freight charges (years 1 to 5) prepaid by TRAVIS INDUSTRIES, INC., to your regional distributor, or dealership.
4. Check with your dealer in advance for any costs to you, when arranging a warranty call. Dealers may require you to pay a service or trip charges for any warranty work. This charge can vary from store to store.

Propane Conversion Kit (Part # 98900744)

The propane conversion kit should be installed prior to installing the heater and gas inlet (if not, shut off gas and disconnect the gas inlet).

Items Needed For Assembly

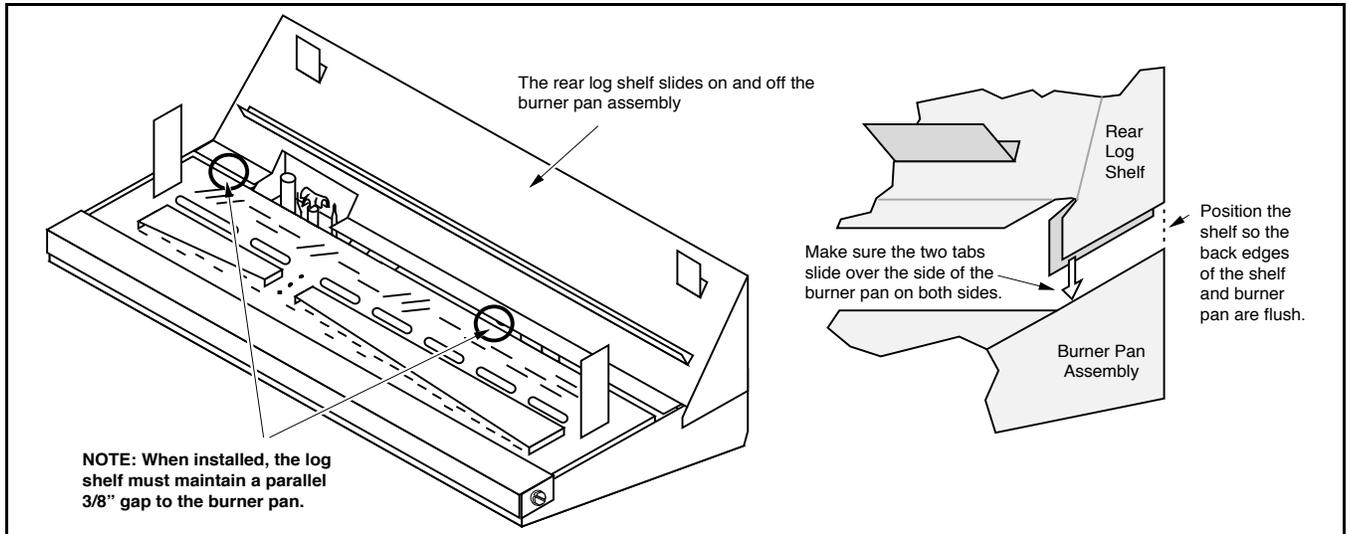
- 1/4" Nutdriver
- Phillips Screwdriver
- Thread sealant
- 7/16" and 1/2" Open End Wrench
- Micro (1/16") Standard Screwdriver
- Leak Testing Equipment
- Standard Screwdriver

Packing List

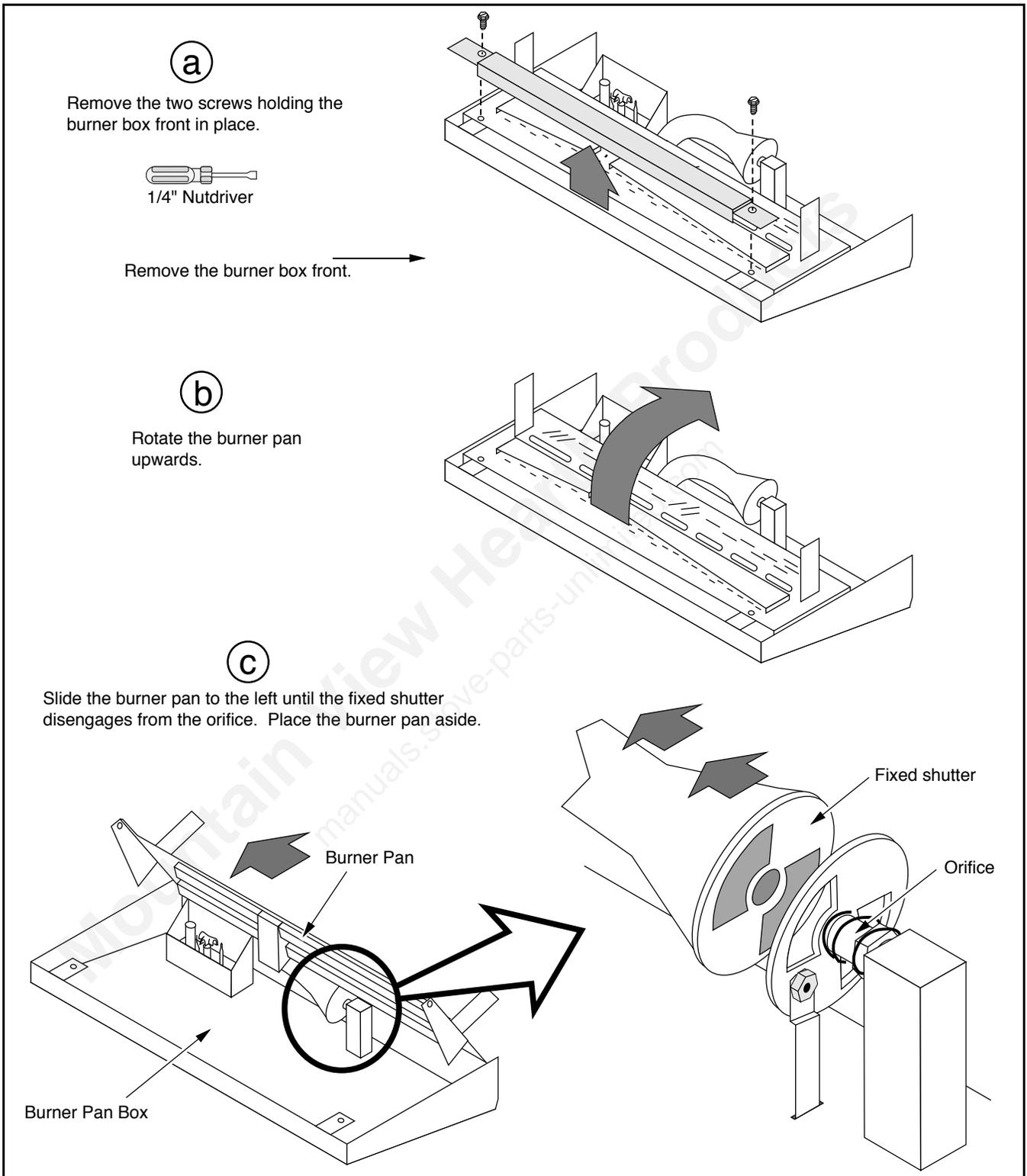
- LP Orifice (.0625" diameter)
- LP Pilot Orifice (.016" dia. - stamped "16LP")
- Replacement Regulator
- Two Replacement Screws
- Regulator Gasket
- LP Label

Installation Instructions

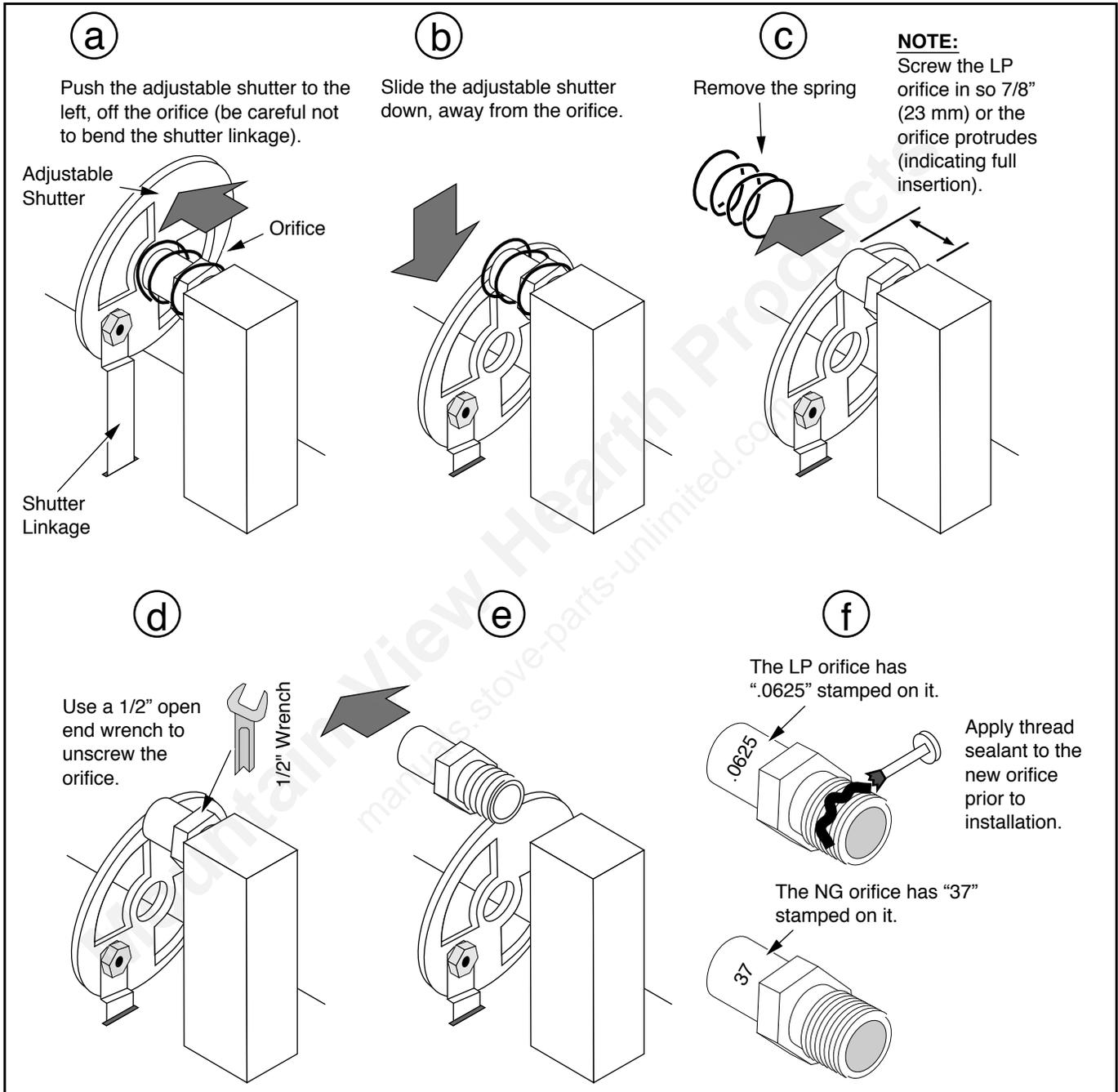
- 1 Remove the glass (see page 24).
- 2 Reach into the firebox and remove the rear log shelf (see the illustration below).



3 Remove the burner pan from the burner pan box following the instructions below.

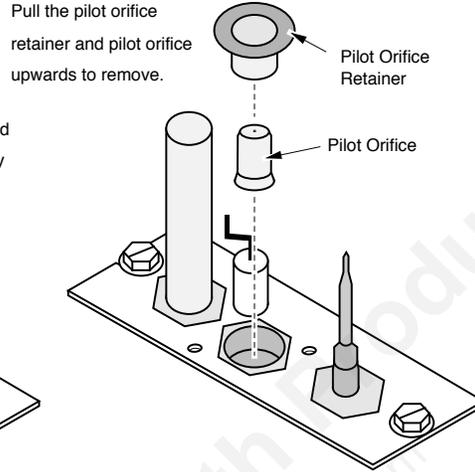
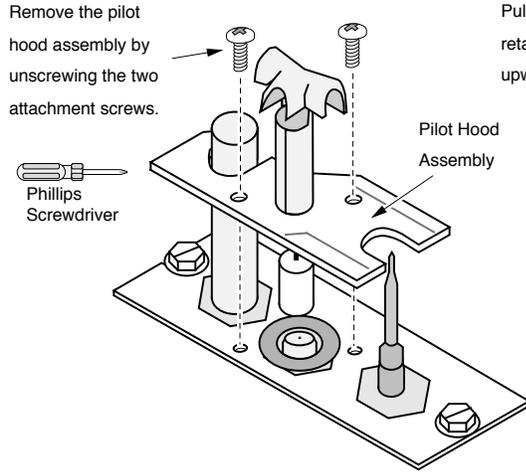


- 4 Follow the directions below to remove the natural gas orifice. Apply thread sealant to the LP orifice (.0625 dia. - it has ".0625" stamped on it) and tighten in place with a 1/2" open end wrench. Replace the spring. Slide the adjustable shutter back in place.



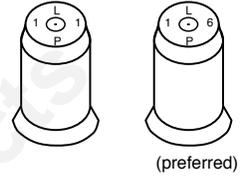
- 5 Re-attach the burner pan and burner box front to the burner pan box following the instructions in step 3 in reverse order.

- 6 Remove the pilot orifice following the instructions below. Replace with the propane pilot orifice. The propane conversion kit includes a .016" (labeled LP 16) or .011" (labeled LP 11) pilot orifice. The .016" orifice is preferred because it allows for greater pilot adjustment.

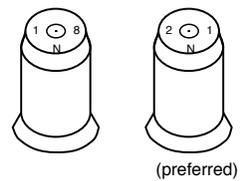


Orifice Identification:

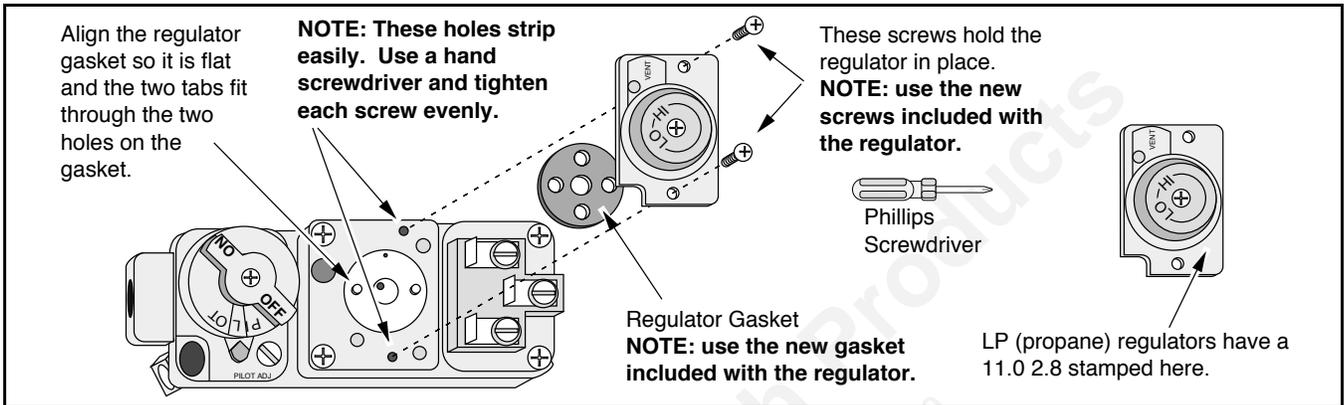
LP (Propane) Orifices



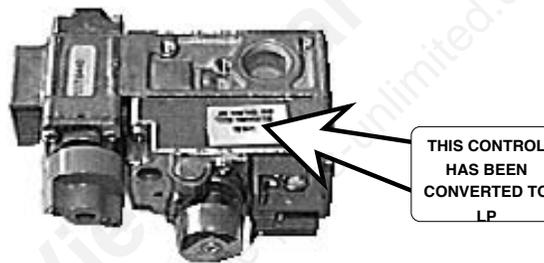
NG (Natural Gas) Orifices



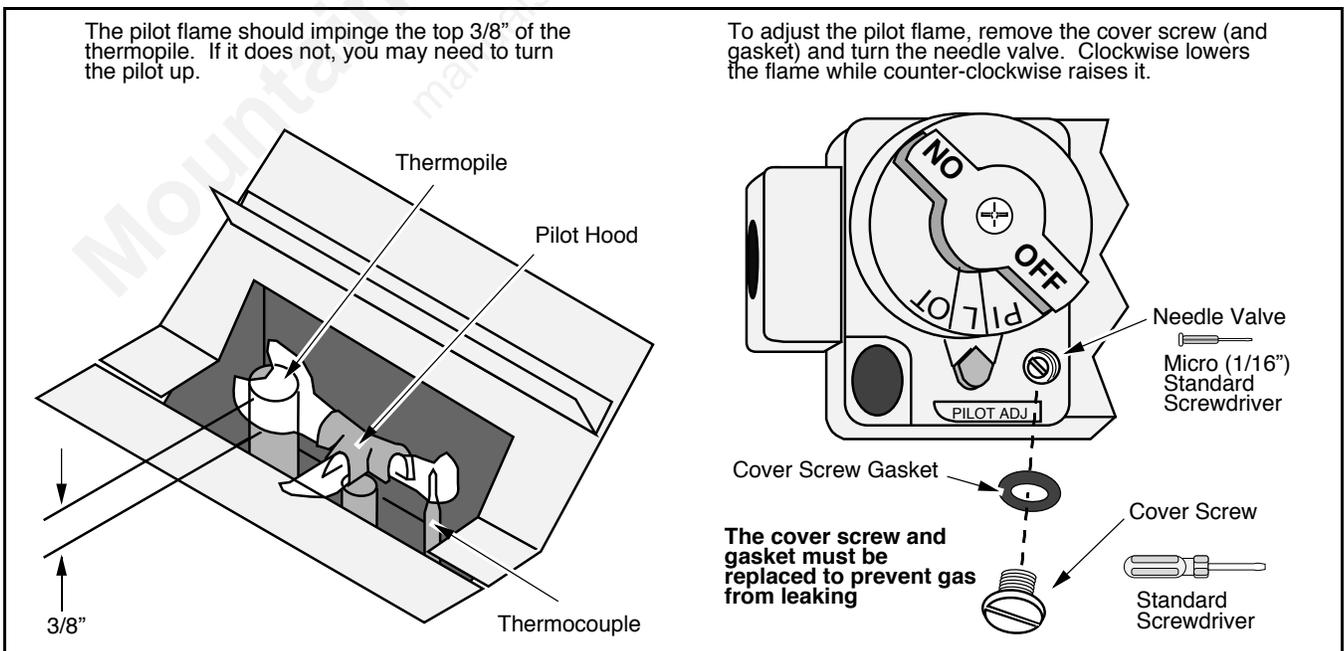
- 7 Replace the pilot assembly (follow the instructions in step 6 in reverse order). Make sure the pilot assembly gasket is placed correctly.
- 8 Replace the rear log shelf (see step 2). Install the logs and embers. Replace the glass.
- 9 Remove the regulator from the front of the gas control valve. Replace with the propane regulator, using the new gasket and screws included with the regulator. **NOTE: Leak test this area after the heater is installed, gas is connected, and the main burner is lit.**



- 10 Place the included propane label over the natural gas label on top of the gas control valve.

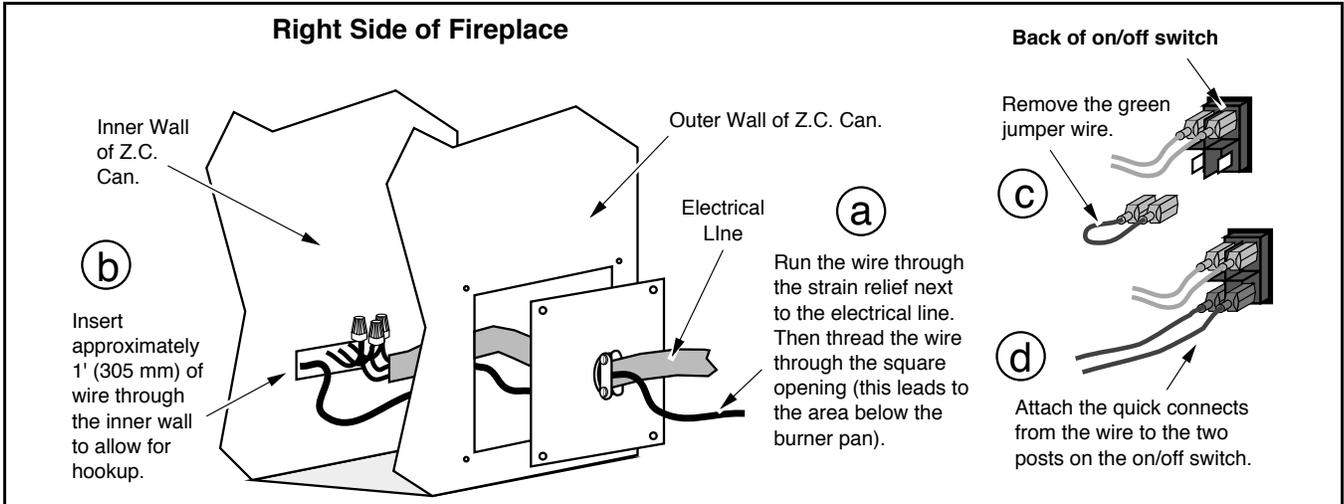


- 11 **Make the gas line connection, start the heater and thoroughly leak-test all gas connections and the regulator. Check the pilot. Adjust if necessary.**

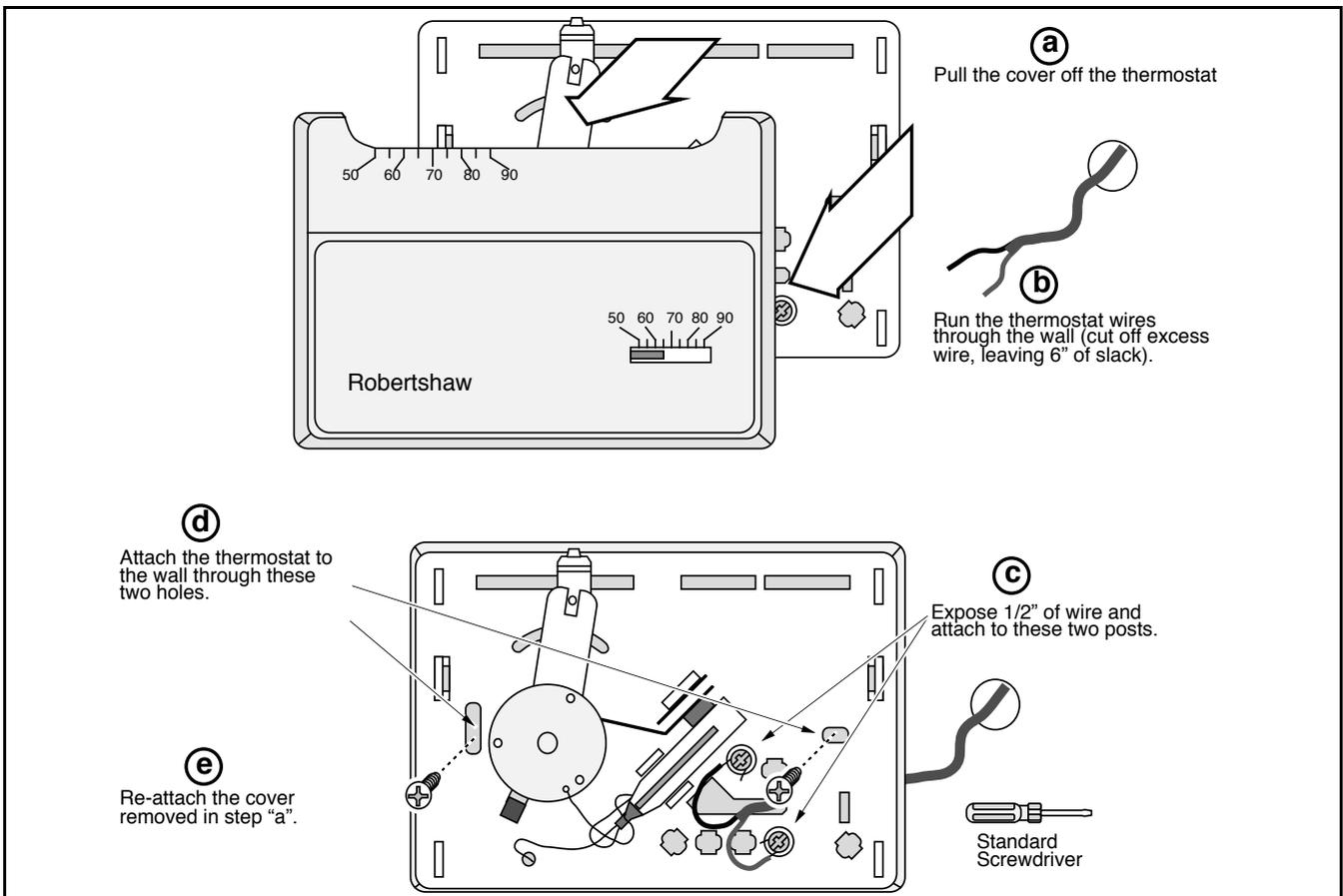


Thermostat (Part # 99300650)

- ! Do not connect 120 VAC to the gas control valve or wiring of this unit.
- + It is easiest to route the wire prior to installing the fireplace. Route the wire to a location near the gas inlet. Allow 3' of wire for hookup inside the fireplace.
- 1 Follow the directions below to attach the wire to the on/off switch (**NOTE:** this is best done at the same time the electrical line is hooked up - see page 23 for details on installing the electrical line).



- 2 Determine a location for the thermostat that is within range of the 50' length of thermostat wire. It should be centralized in the room and away from the heater. The wire may be routed externally on the wall or behind the wall (preferred).
- 3 Install the thermostat following the directions below.



Remote Thermostat

- ! Do not connect 110-120 VAC to the gas control valve or wiring system of this unit.
- Follow the instructions included with the remote thermostat for installation.

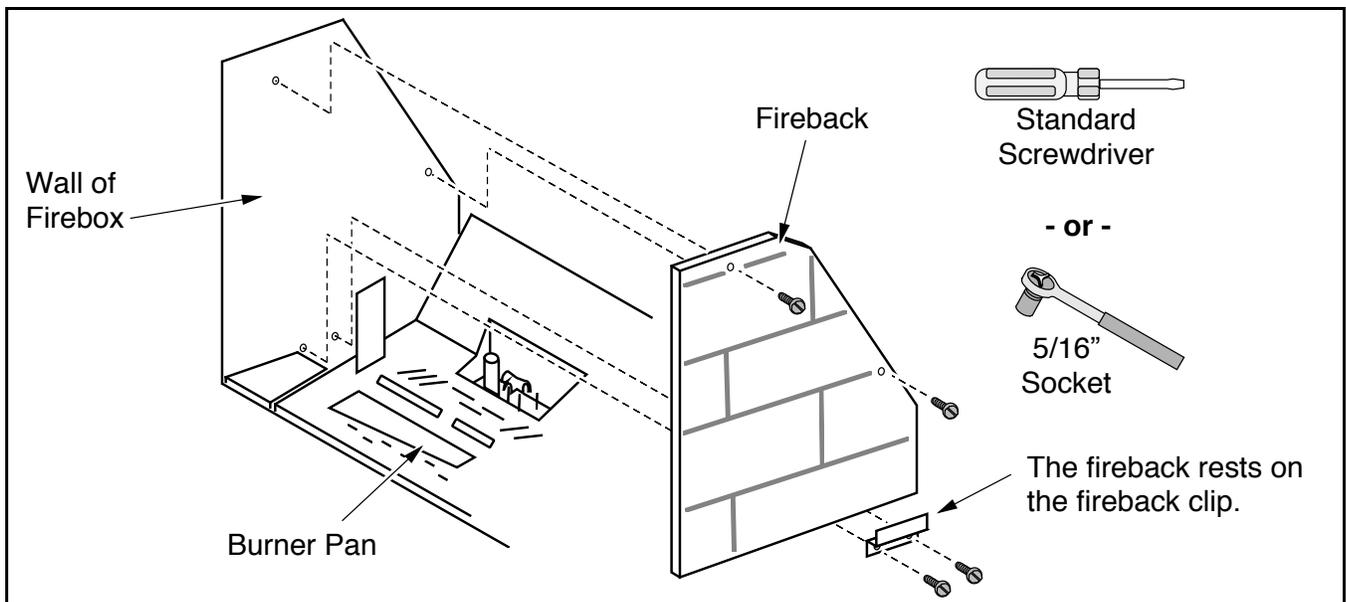
IMPORTANT OPERATIONAL NOTE FOR REMOTE THERMOSTAT USE:

Included with the remote thermostat is a set of instructions that should be given to the homeowner. Please be aware that the remote thermostat has a 1 to 2 minute lag time between the time the thermostat is turned up and the heater turns on.

Decorative Fireback (part # 98500732)

The decorative classic fireback attaches to the side walls of the firebox to enhance the aesthetic quality of the appliance. The directions below detail installation.

- ! Turn the gas control valve to "OFF" prior to conducting any service.
- 1 The faceplate, glass, and log set must be removed prior to installing the firebacks.
- 2 Use a 5/16" socket wrench or standard screwdriver to remove the four screws on each side of the firebox wall (see the illustration below).
- 3 Attach the fireback clips to the side walls using 1/2" screws included with this kit.
- 4 Place the firebacks onto the fireback clips. The side plates are marked "Left" and "Right" on the back to differentiate the two sides. Insert the 1" screws included with this kit through the plates and into the walls of the firebox to secure the plates in place. Do not fully tighten the screws - the firebacks should have some space to expand and contract.



Altitude Considerations

This fireplace has been tested at altitudes ranging from sea level to 8,000 feet. In this testing we have found that the fireplace, with its standard orifice, burns correctly with just an air shutter adjustment. For information on adjusting the air shutter see page 27 of this manual.

! Failure to adjust the air shutter properly may lead to improper combustion which can create a safety hazard. Please consult your dealer or installer if you suspect an improperly adjusted air shutter.

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