

# Berkshire Radiant Owner's Manual



## **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.



**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.**

Tested and Listed by



**Report # 0028GF031S**

Omni-Test Laboratories, Inc.  
Portland, Oregon  
ANSI Z21.88-2016  
CSA 2.33-2016  
CGA 2.17-M91 (R2014)

- **Direct Vent Stove**
- **Natural Gas or Propane**
- **Residential or Mobile Home**

**This appliance may be installed in an aftermarket, permanently located, manufactured home (USA only) or mobile home, where not prohibited by local codes.**

**This appliance is only for use with the type of gas indicated on the rating plate. A conversion kit is supplied with the appliance.**

**INSTALLER: Leave this manual with the appliance.**

French language manuals at [travisindustries.com](http://travisindustries.com)

**CONSUMER: Retain this manual for future reference.**

Manuels de langue Française à [travisindustries.com](http://travisindustries.com)

## Introduction

We welcome you as a new owner of a Radiant Insert. In purchasing this fireplace insert you have joined the growing ranks of concerned individuals whose selection of an energy system reflects both a concern for the environment and aesthetics. It is one of the finest home heaters the world over. This manual will explain the installation, operation, and maintenance of this heater. Please familiarize yourself with the Owner's Manual before operating your heater and save the manual for future reference. Included are helpful hints and suggestions that will make the operation and maintenance of your new heater an easier and more enjoyable experience. We offer our continual support and guidance to help you achieve the maximum benefit and enjoyment from your heater.

## Important Information

No other Berkshire Radiant has the same serial number as yours. The serial number is attached to the appliance near the gas control valve.

This serial number will be needed in case you require service of any type.

Model: Berkshire Radiant

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Purchased From: \_\_\_\_\_

Register your warranty online at:

[traviswarranty.com](http://traviswarranty.com)

### Save Your Bill of Sale.

To receive full warranty coverage, you will need to show evidence of the date you purchased your heater.

We suggest that you attach your Bill of Sale to this page so that you will have all the information you need in one place should the need for service or information occur.

## Listing Details

This appliance was listed by Omni-Test Laboratories, Inc. The listing label is attached to the appliance near the gas control valve. A copy is shown on page 40.

### Massachusetts Approval

This manual has been submitted to the Massachusetts Board of State Examiners of Plumbers and Gas Fitters.

### National Fireplace Institute



<b>Introduction .....</b>	<b>2</b>
<b>Important Information .....</b>	<b>2</b>
<b>Listing Details .....</b>	<b>2</b>
<b>Features .....</b>	<b>6</b>
<b>Installation Options .....</b>	<b>6</b>
<b>Heating Specifications .....</b>	<b>6</b>
<b>Dimensions .....</b>	<b>6</b>
<b>Fuel .....</b>	<b>6</b>
<b>Installation Warnings .....</b>	<b>7</b>
<b>Packing List .....</b>	<b>7</b>
<b>Additional Items Required .....</b>	<b>7</b>
<b>Installation Overview .....</b>	<b>7</b>
<b>Stove Clearances .....</b>	<b>8</b>
<b>Mobile Home Requirements .....</b>	<b>8</b>
<b>Heater Placement Requirements .....</b>	<b>9</b>
<b>Floor Protection Requirements .....</b>	<b>9</b>
<b>Electrical Requirements .....</b>	<b>9</b>
<b>Optional Wall Switch or Thermostat Installation .....</b>	<b>10</b>
The wall switch (or thermostat) may bypass the fireplace on/off switch or be installed in parallel or series configuration (see below). .... 10	
<b>Parallel Connection    Series Connection .....</b>	<b>10</b>
<b>Gas Line Installation .....</b>	<b>11</b>
Gas Pressure .....	11
<b>Vent Requirements .....</b>	<b>12</b>
Altitude Considerations .....	12
Approved Vent .....	13
Vent Installation .....	13
<b>Approved Vent Configurations .....</b>	<b>14</b>
Restrictor Position .....	14
Measuring Vent Lengths .....	14
<b>Vertical Terminations with Zero, Two, or Four 45° Elbows .....</b>	<b>15</b>
<b>Horizontal Termination with One 90° Elbow 16</b>	
<b>Horizontal Termination with Two Elbows (one 90° vertical and one 90° or 45° horizontal elbow) .....</b>	<b>17</b>
<b>Horizontal Termination with Three 90° Elbows (all vertical) .....</b>	<b>18</b>
<b>Vertical Terminations with Two 90° Elbows 19</b>	

<b>Vertical Terminations with Three 90° Elbows (Two 90° Vertical and One 45° or 90° Horizontal Elbow) .....</b>	<b>20</b>
<b>Vent Termination Requirements (see illustration below) .....</b>	<b>21</b>
<b>Class A Chimney Conversion Kit .....</b>	<b>22</b>
<b>Interior Masonry Chimney Conversions .....</b>	<b>23</b>
<b>Log Installation .....</b>	<b>24</b>
Rock Wool Placement .....	27
Ember Placement .....	27
<b>Steps for Finalizing the Installation .....</b>	<b>28</b>
Pilot Flame Inspection .....	28
Air Shutter Adjustment .....	29
<b>Face and Glass Removal .....</b>	<b>30</b>
<b>Before You Begin .....</b>	<b>32</b>
<b>Location of Controls - See explanation below</b>	<b>32</b>
<b>Starting the Pilot .....</b>	<b>33</b>
<b>Starting the Heater for the First Time .....</b>	<b>34</b>
<b>Turning the Heater On and Off .....</b>	<b>34</b>
<b>Adjusting the Flame Height .....</b>	<b>34</b>
<b>Adjusting the Blower Speed (Optional) .....</b>	<b>35</b>
<b>Normal Operating Sounds .....</b>	<b>35</b>
<b>Normal Operating Odors .....</b>	<b>35</b>
<b>Power Outages .....</b>	<b>35</b>
<b>Maintaining Your Heater's Appearance .....</b>	<b>36</b>
Cleaning the Glass .....	36
Painted Surfaces .....	36
Enamel Surfaces .....	36
Patina Surfaces .....	36
<b>Yearly Service Procedure .....</b>	<b>37</b>
<b>Troubleshooting Table .....</b>	<b>37</b>
<b>Replacement Parts List .....</b>	<b>39</b>
<b>Wiring Diagram .....</b>	<b>39</b>
Optional Blower Wiring .....	39
Safety Label .....	40
<b>CONDITIONS &amp; EXCLUSIONS .....</b>	<b>41</b>
<b>IF WARRANTY SERVICE IS NEEDED: .....</b>	<b>41</b>
<b>LP (Propane) Conversion Instructions .....</b>	<b>42</b>
<b>Optional Remote Installation .....</b>	<b>45</b>

- Failure to follow all of the requirements may result in property damage, bodily injury, or even death.

**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.**

**Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition. Do not touch the hot surfaces of the heater. Educate all children of the danger of a high-temperature heater.**

**Due to the high temperature, the heater should be located out of traffic and away from furniture and draperies.**

- This unit must be installed by a qualified installer to prevent the possibility of an explosion.
- This appliance must be installed in accordance with all local codes, if any; if not, in U.S.A. follow ANSI Z223.1 and NFPA 54(88), in Canada follow CSA B149.1. In Australia follow AS/NZS 5601.1.
- A manufactured home (USA only) or mobile home OEM installation must conform with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or, when such a standard is not applicable, the Standard for Manufactured Home Installations, ANSI/NCSBCS A225.1, or Standard for Gas Equipped Recreational Vehicles and Mobile Housing, CSA Z240.4. This appliance may be installed in Manufactured Housing only after the home is site located.
- All exhaust gases must be vented outside the structure of the living-area. Combustion air is drawn from outside the living-area structure. The venting must not be connected to a chimney flue serving a separate solid-fuel burning appliance.
- Notify your insurance company before hooking up this fireplace.
- 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 approved for use with natural gas (NG) or 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.
- Contact your local building officials to obtain a permit and information on any installation restrictions or inspection requirements in your area.
- 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.
- The appliance area be kept clear and free from combustible materials, gasoline, and other flammable vapors and liquids.
- Do not operate if any portion of the heater was submerged in water or if any corrosion occurs. 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.

## ***Safety Warnings (continued)***

- 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 the appliance.
- Light the heater using the built-in igniter. Do not use matches or any other external device to light your heater.
- 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.
- The viewing glass should be opened only for conducting service (or lighting the pilot on millivolt units).
- Allow the heater to cool before carrying out any maintenance or cleaning.
- Operate the heater according to the instructions included in this manual.
- If the main burners do not start correctly turn the gas off and call your dealer for service.
- This unit is not for use with solid fuel.
- Do not place anything inside the firebox (except the optional artwork).
- **Warning:** Do not operate appliance with the glass front removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.
- 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.
- 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.
- 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.
- If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.
- Clothing or other flammable material should not be placed on or near the appliance.
- Any safety screen, guard, or barrier removed for servicing an appliance must be replaced prior to operating the appliance.
- Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning might be required due to excessive lint from carpeting, bedding material, et cetera. It is imperative that control compartments, burners, and circulating air passageways of the appliance be kept clean.
- **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).**

Proposition 65 Warning: Fuels used in gas, woodburning or oil fired appliances, and the products of combustion of such fuels, contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.  
California Health & Safety Code Sec. 25249.6

***Travis Gas Fireplaces, Stoves, and Inserts are protected by one or more of the following patents; U.S. 8,469,021, 7,066,170, 6,602,068, 6,443,726, 6,953,037; Canada 2755517 as well as other U.S. and Foreign Patents pending.***

**Features**

- Works During Power Outages
- Blower Optional
- Standing Pilot
- Optional Remote Thermostat
- Variable-Rate Heat Output

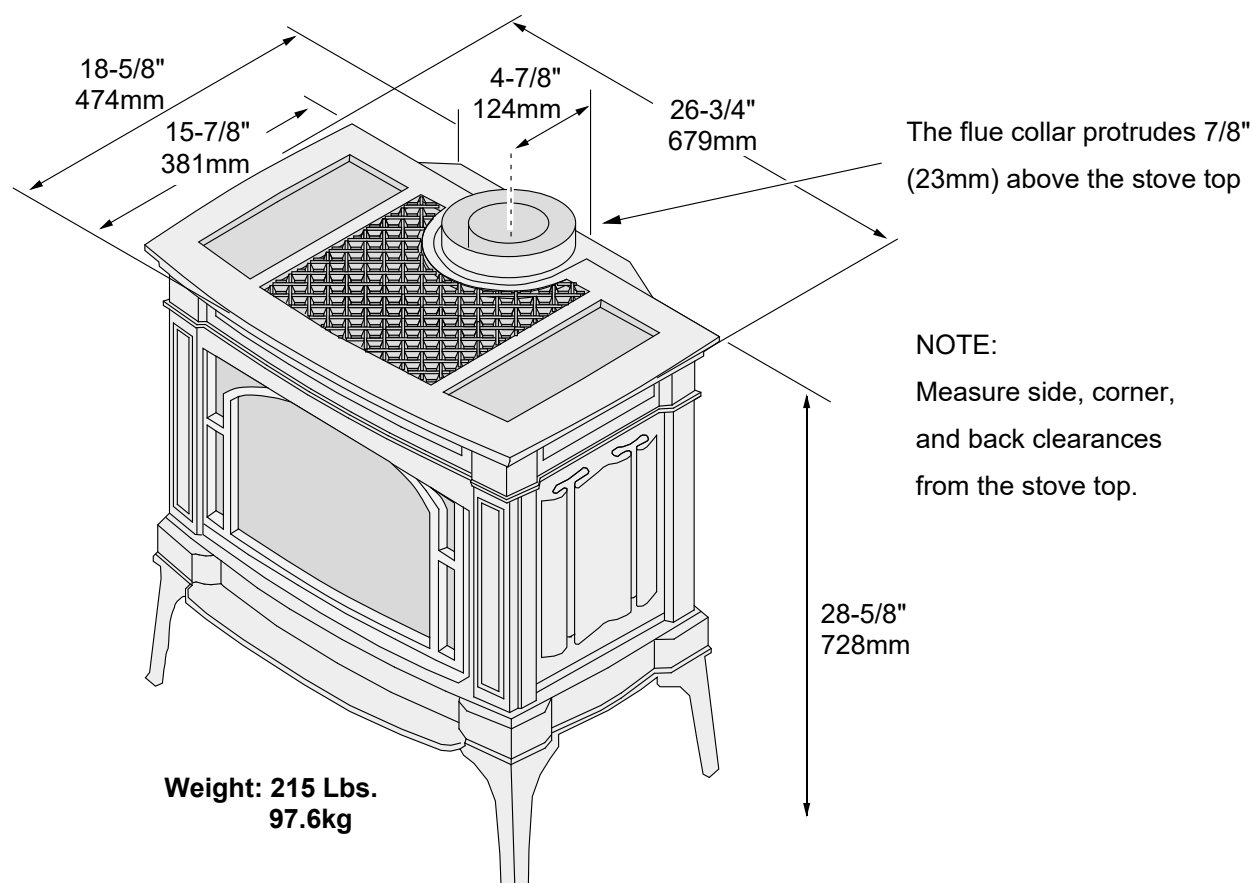
**Installation Options**

- Residential or Mobile Home
- Natural Gas or Propane

**Heating Specifications**

Maximum Input .....31,000 BTU's

- Heating capacity will vary depending on the home's floor plan, degree of insulation, and the outside temperature.

**Dimensions****Electrical Specifications (for optional blower)**

Electrical Rating ..... 115 Volts, 1.5 Amps, 60 Hz (180 watt)

**Fuel**

This heater is shipped in natural gas (NG) configuration but may be converted to use propane (LP) using a conversion kit (orifices are included, LP regulator is purchased separately).

## Installation Warnings

- Failure to follow all of the requirements may result in property damage, bodily injury, or even death.
- This heater must be installed by a qualified installer who has gone through a training program for the installation of direct vent gas appliances.
- The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or the National Gas and Propane Installation Code, CSA B149.1.. In Australia follow AS/NZS 5601.1.
- In Manufactured or Mobile Homes must conform with Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or, when such a standard is not applicable, the Standard for Manufactured Home Installations, ANSI/NCSCBS A225.1. This appliance may be installed in Manufactured Housing only after the home is site located.
- The heater 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 heater.
- 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.

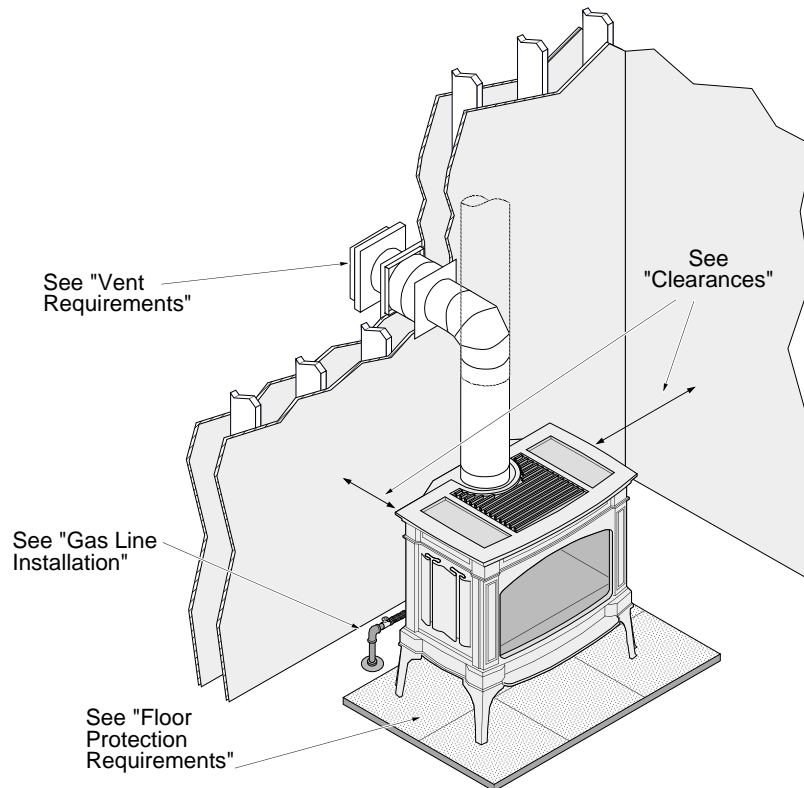
## Packing List

- Propane (LP) Orifices and Regulator
- Log Set
- Touch-Up Paint

## Additional Items Required

- Vent (see "Venting Requirements" for details)
- Gas Line Equipment (shutoff valve, pipe, etc.)

## Installation Overview



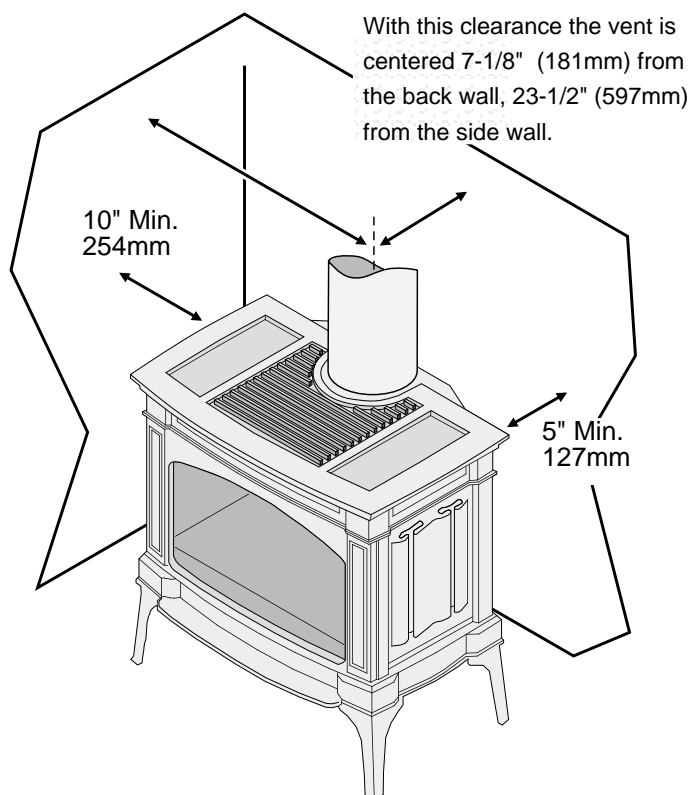


### Installation Hints

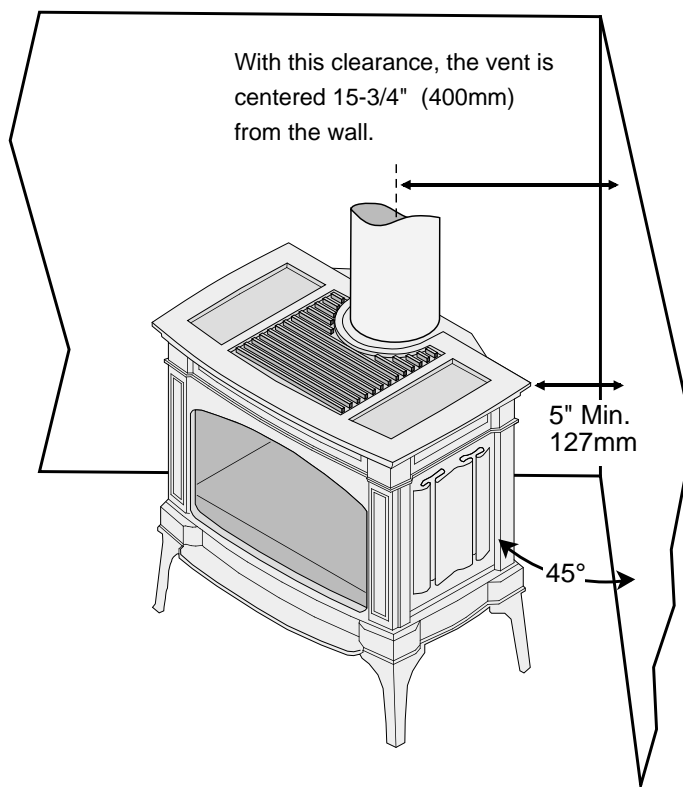
- If converting to LP, convert the appliance prior to installation.
- Install the logs last - they are fragile.
- When determining the location of the stove, locate the wall studs (for horizontal penetrations) and ceiling trusses (for vertical penetrations). You may wish to adjust the stove position slightly to ensure the vent does not intersect with a framing member.
- Fumes and smoke from the paint curing and oil burning off the steel may occur the first time you start this heater. This is normal. We recommend you open windows to vent the room.

## Stove Clearances

### Straight Installations



### Corner Installations



## Mobile Home Requirements

- When the stove is installed in a mobile home, it must be bolted to the floor and the appliance grounded (use the optional blower with a grounded circuit or other suitable grounding method - current ANSI/NFPA 70 or CSA C22.1).



### ***Heater Placement Requirements***

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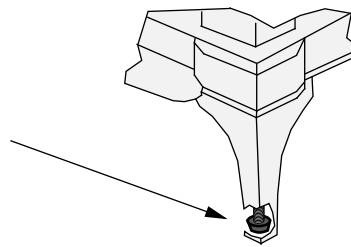
- Heater must be installed on a level surface capable of supporting the heater and vent.
- Due to the high temperature, the heater should be located out of traffic and away from furniture and draperies.
- When placed in a location where the floor to ceiling height is under 7 feet (2.134 M), the installation is considered an alcove and must meet the following requirements:
  - The alcove floor to ceiling height must be at least 58" (1474mm) tall
  - The alcove must not be more than 45" (1143) deep before the ceiling returns to 7' (2134mm).
  - The alcove must be at least 46-3/4" (1188mm) wide
- The heater must not be placed so the vents below or above the door, along the sides of heater, or along the back of the heater can become blocked.
- This heater may be placed in a bedroom. Please be aware of the large amount of heat this appliance produces when determining a location.

### ***Floor Protection Requirements***

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- When the stove is installed directly on carpeting, vinyl or other combustible material other than wood flooring or a high pressure laminate wood floor, the stove must be installed on a metal or wood protection panel extending the full width and depth of the heater (Minimum 26-3/4" (680mm) wide by 19" (483) deep).

Make sure these rubber tipped bolts on each leg contact the floor (they dampen any noise that may transmit through the hearth). Do not adjust with weight on the legs, the rubber tips may tear.



### ***Electrical Requirements***

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- Plug the stove into a grounded receptacle supplying a minimum 115 Volts, 60 Hz, 180 watts (typical max amps: 5).

**Optional Wall Switch or Thermostat Installation**

Do not connect 110-120 VAC to the gas control valve or wiring system of this stove. The switch must be installed by a qualified installer.

**Caution:** Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

**Note:** When using a GreenSmart™ remote, use the receiver for on/off operation (do not use a wall switch or thermostat).

**Warning:** Make sure all wiring is secure and does not contact hot or moving components.

The wall switch (or thermostat) may bypass the fireplace on/off switch or be installed in parallel or series configuration (see below).

**Parallel Connection**

	On / Off Switch <u>ON</u>	On / Off Switch <u>OFF</u>
Thermostat / External Switch <u>ON</u>	Heater is <u>ON</u>	Heater is <u>ON</u>
Thermostat / External Switch <u>OFF</u>	Heater is <u>ON</u>	Heater is <u>OFF</u>

To wire the heater in parallel, follow the directions below:

On / Off Switch

Thermostat (or External Switch) Wires

**Series Connection**

	On / Off Switch <u>ON</u>	On / Off Switch <u>OFF</u>
Thermostat / External Switch <u>ON</u>	Heater is <u>ON</u>	Heater is <u>OFF</u>
Thermostat / External Switch <u>OFF</u>	Heater is <u>OFF</u>	Heater is <u>OFF</u>

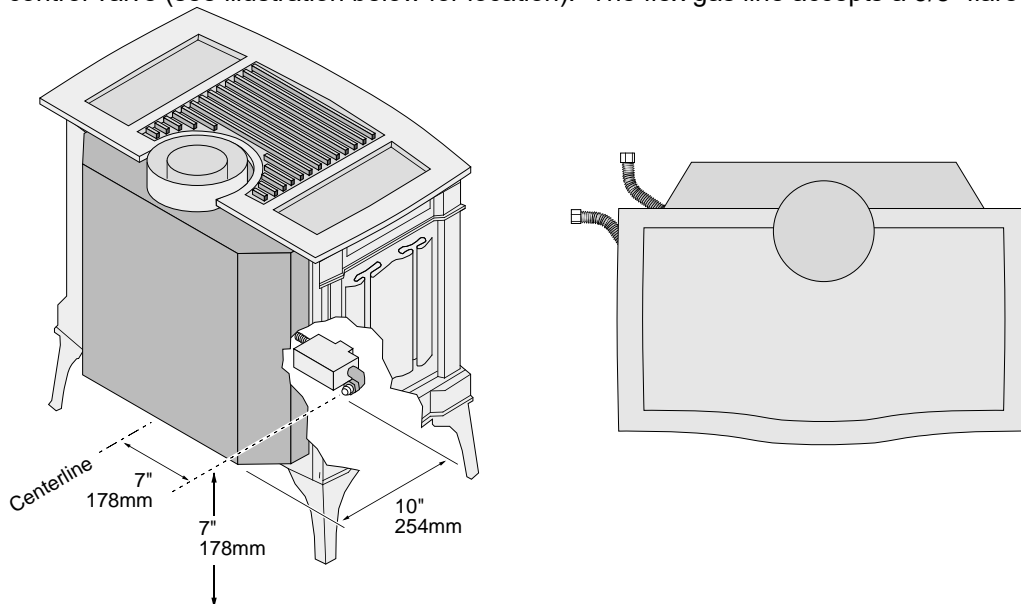
To wire the heater in series, follow the directions below:

On / Off Switch

Thermostat (or External Switch) Wires

## Gas Line Installation

- ! DO NOT CONNECT THIS UNIT TO A CHIMNEY FLUE SERVING ANOTHER APPLIANCE.
- The gas line must be installed in accordance with all local codes and the requirements listed below. In the absence of local codes, follow ANSI 223.1 in US/Canada or AS/NZS 5601.1 In Australia follow AS/NZS 5601.1..
- ! The heater 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 (3.45 kPa). For pressures under 1/2 psig (3.45 kPa), isolate the gas supply piping by closing the manual shutoff valve.
- This heater is designed for natural gas but can be converted to propane. Check the sticker on top of the gas control valve to verify the correct fuel is used (see page 4).
- Leak test all gas line joints and the gas control valve prior to and after starting the heater.
- The location of the gas inlet is shown below
- A manual shutoff valve is required for installation (it must be located within 3' (915mm) of the heater). T-Handle gas cocks are required in Massachusetts in compliance with code 248CMR.
- This stove is shipped with a 24" (610) long, 3/8" (10mm) diameter flex gas line attached to an elbow on the gas control valve (see illustration below for location). The flex gas line accepts a 3/8" flare fitting.



## Gas Pressure

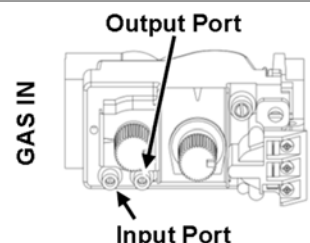
	Max. Input Pressure	Min. Input Pressure	Max. Manifold Pressure	Min. Manifold Pressure
<b>Natural Gas</b>	7" W.C. (1.74 kPa)	5.5" W.C. (1.37 kPa)	3.5" W.C. (0.87 kPa)	1.6" W.C. (0.40 kPa)
<b>Propane</b>	13" W.C. (3.23 kPa)	11" W.C. (2.74 kPa)	11" W.C. (2.74 kPa)	2.9" W.C. (0.72 kPa)

- 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.

### Directions for Connecting a Gas Pressure Test Gauge

The gas control valve (shown to the right) has two test ports for testing input (line pressure) and output (manifold) pressure. Loosen the brass screw on either test port and place a 5/16" i.d. rubber or plastic tube over the tapered test port. Connect the tube to the test gauge.

**WARNING:** The brass screw must be tightened after testing to prevent gas leakage.



### Vent Requirements

- 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 its own separate vent system.
- In addition to the requirements listed here, follow the requirements provided with the vent.
- When the vent passes through a wall a wall thimble is required. When the vent passes through a ceiling a support box or firestop is required. When the vent passes through the roof, a roof flashing and storm collar are required. Follow the instructions provided with the vent for installing these items.  
NOTE: Wall thimbles may have different dimensions than what is required by this heater.
- The vent must maintain the required 1" (26mm) clearance to combustible materials to prevent a fire. Do not fill air spaces with insulation.

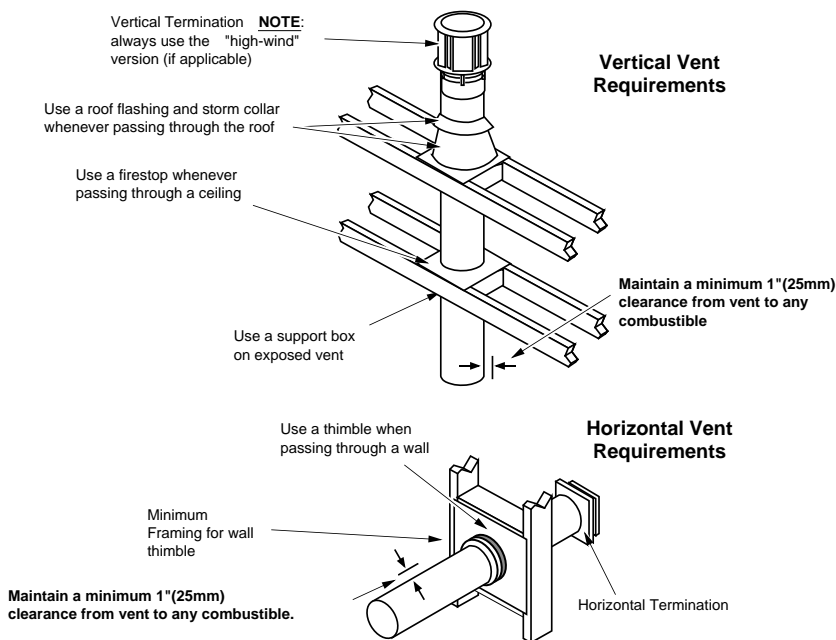
### Drafting Performance

This direct vent appliance requires natural draft to operate (similar to a wood stove or other heating appliance). Draft can be adjusted using the included restrictor. The restrictor settings detailed in the manual should be followed (variations may occur depending upon installation parameters).

Many factors may negatively influence the draft of the appliance. Travis Industries will not be responsible for improper draft due to factors such as trees, hills, buildings, obstructions, excessive wind, extreme hot or cold outdoor temperatures, restrictive vent terminations, or influence from mechanical systems.

### Altitude Considerations

- Failure to adjust the air shutter properly may lead to improper combustion which can create a safety hazard. Consult your dealer or installer if you suspect an improperly adjusted air shutter.
- This heater has been tested at altitudes ranging from sea level to 6,000 feet (1,800 M). In this testing we have found that the heater, with its standard orifice, burns correctly with just an air shutter adjustment.

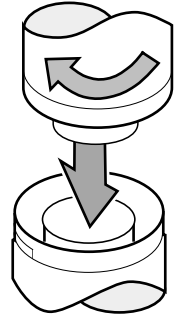


## Approved Vent

- Use 6-5/8" (168mm) diameter Simpson Dura-Vent Direct-Vent Pro (or GS)\*.  
\* Other vent may be approved with this stove. Check with the vent manufacturer for details.
- Always use the high-wind cap (or high-wind scone cap, part # 46DVA-HSCH).
- Installation instructions for Simpson Dura-Vent may be found at [www.duravent.com](http://www.duravent.com)

## Vent Installation

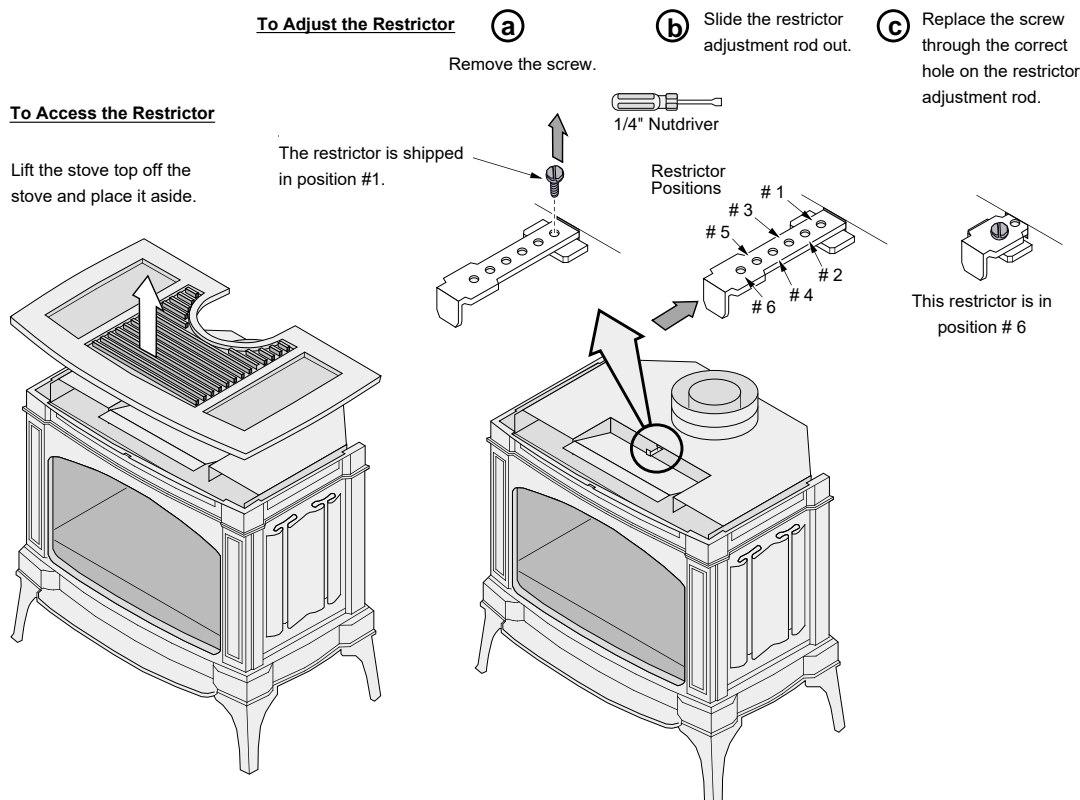
- Slide the vent sections together and turn 1/4 turn until the sections lock in place.
- Screws are not required to secure the vent. However, three screws may be used to secure vent sections together if desired.
- High temperature sealant is recommended at the appliance starter section connection (use high-temperature silicone or Mill-Pac®).
- If disassembly is required, at time of re-assembly check to see if the vent creates a tight fit. If it does not, apply high temperature sealant to the joints of the affected sections.
- Horizontal sections require a 1/4" (7mm) rise every 12" (305mm) of travel
- Horizontal sections require non-combustible support every three feet (e.g.: plumbing tape).
- Vent termination must not be located where it can become plugged by snow or other material.
- Use the vinyl siding standoff when installing on a structure with vinyl siding.
- Venting termination shall not be recessed into a wall or siding.



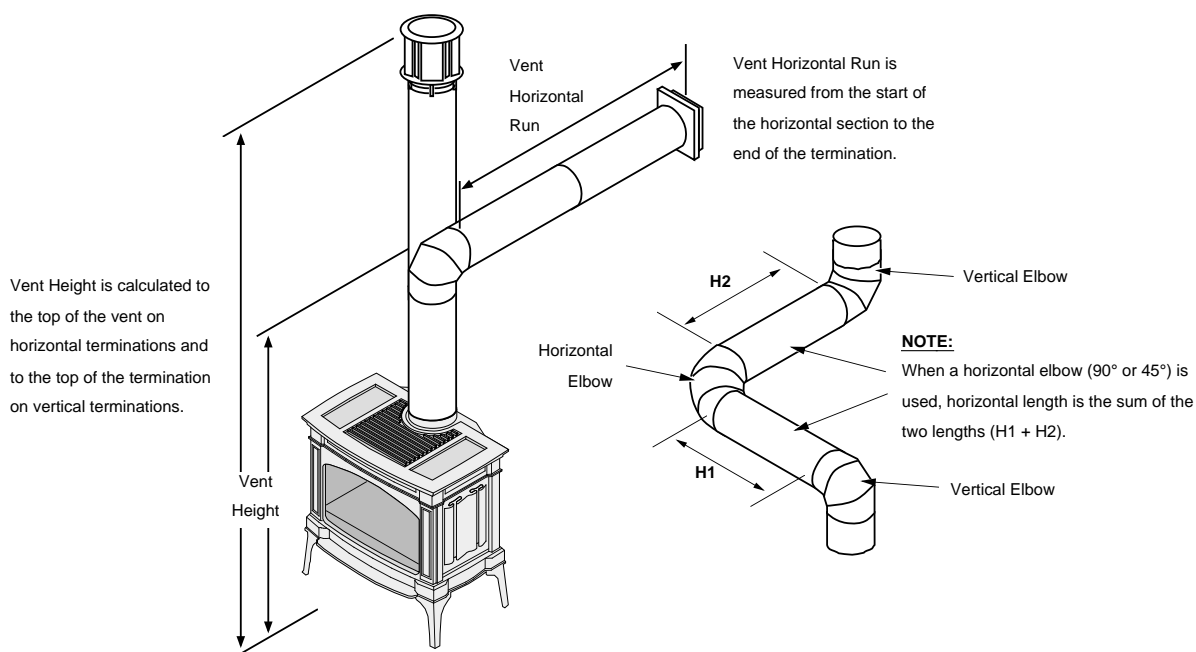
## Approved Vent Configurations

### Restrictor Position

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

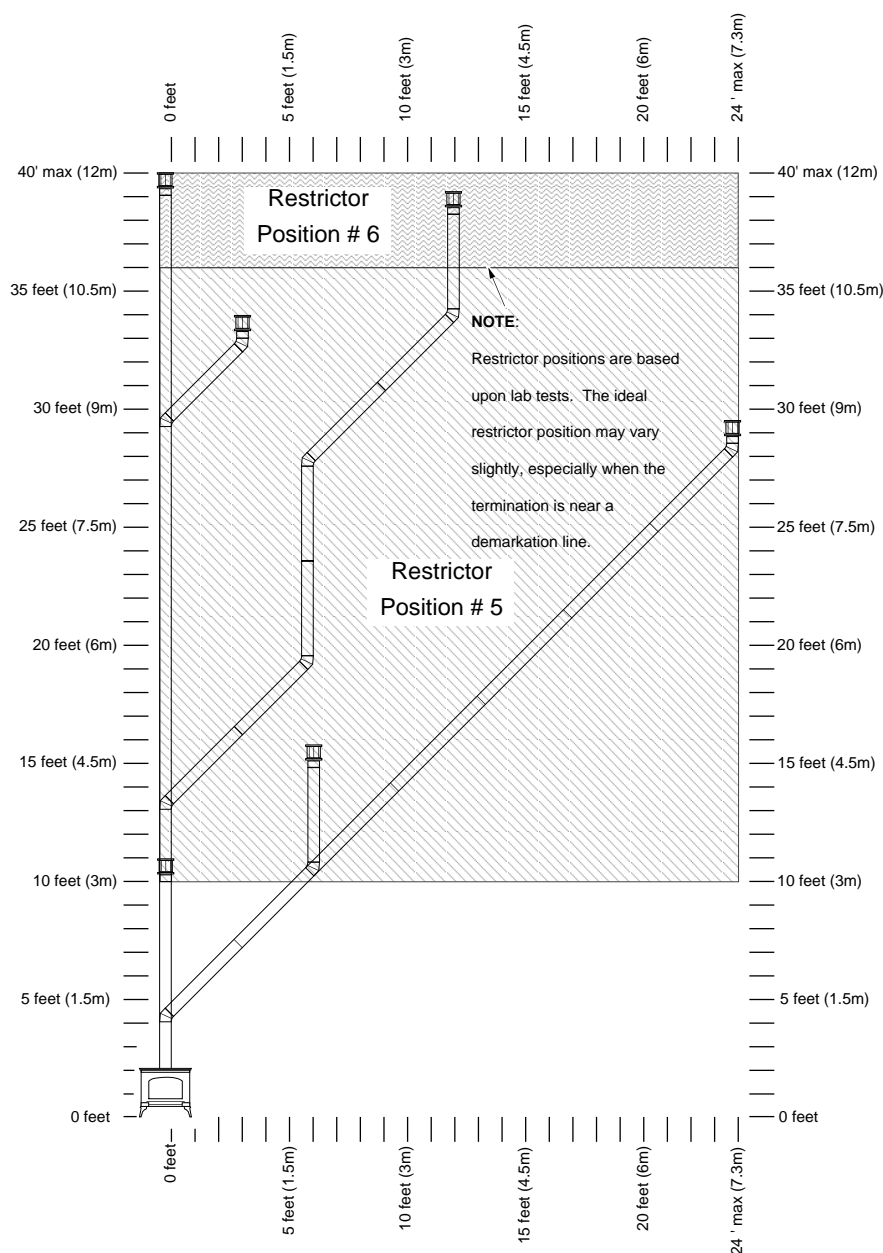


### Measuring Vent Lengths



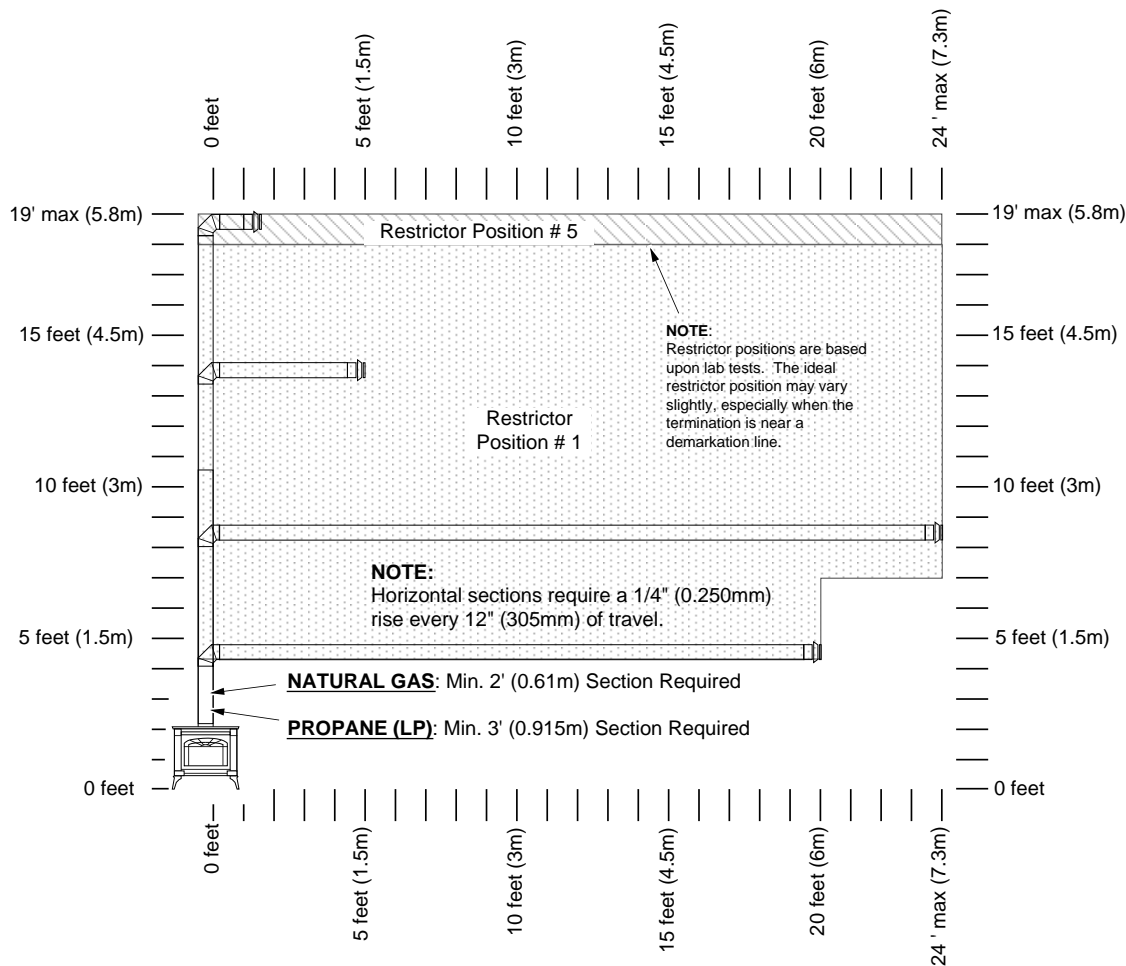
## Vertical Terminations with Zero, Two, or Four 45° Elbows

- 10' (3.1M) Minimum System Height (with or without offsets)
- 40' (12.2M) Maximum System Height
- 24' (7.3M) Maximum Offset
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.



### Horizontal Termination with One 90° Elbow

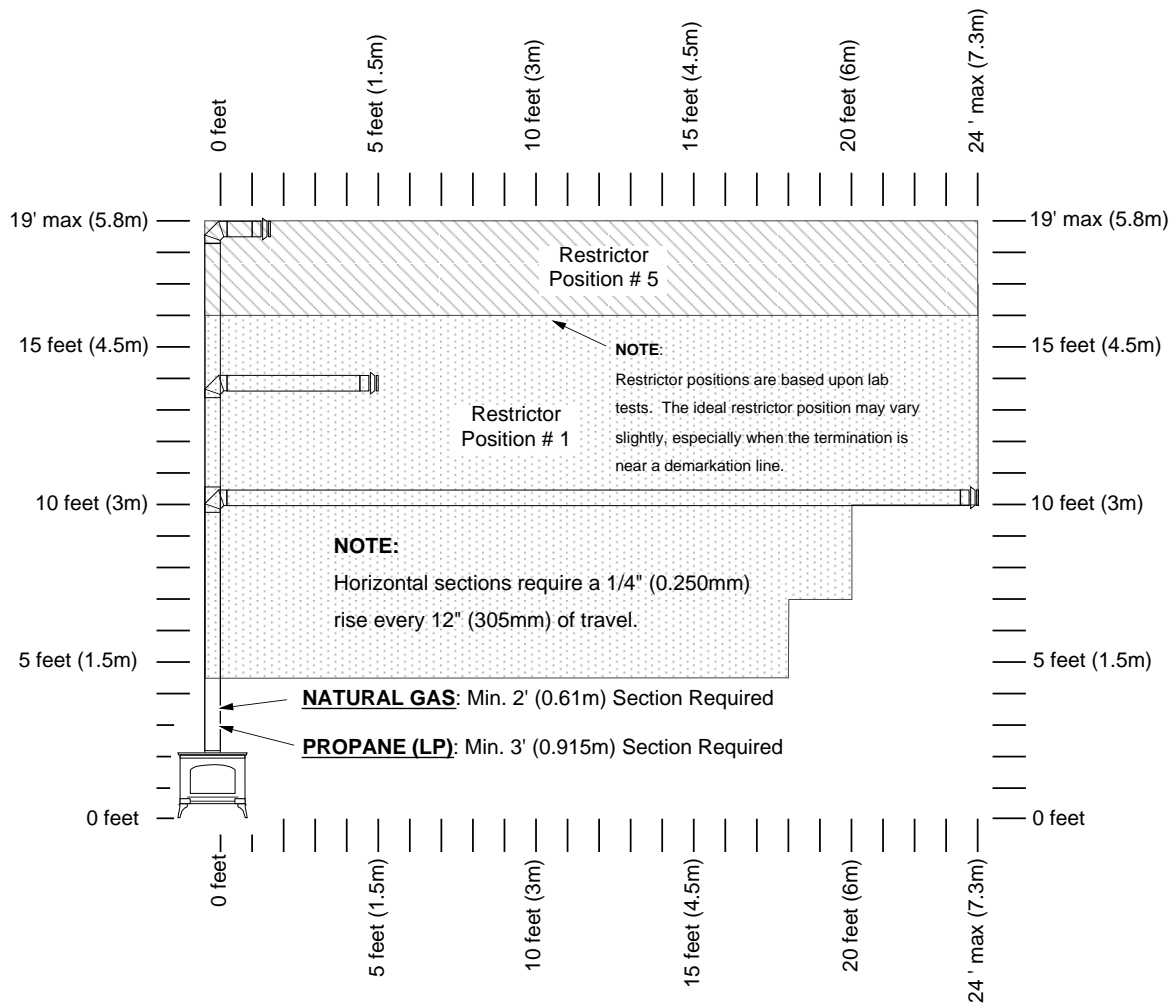
- If using a Snorkel Termination (14" (356mm) or 36" (915mm)) add the snorkel height to the vertical height (snorkel terminations are used primarily for basement installations).
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.





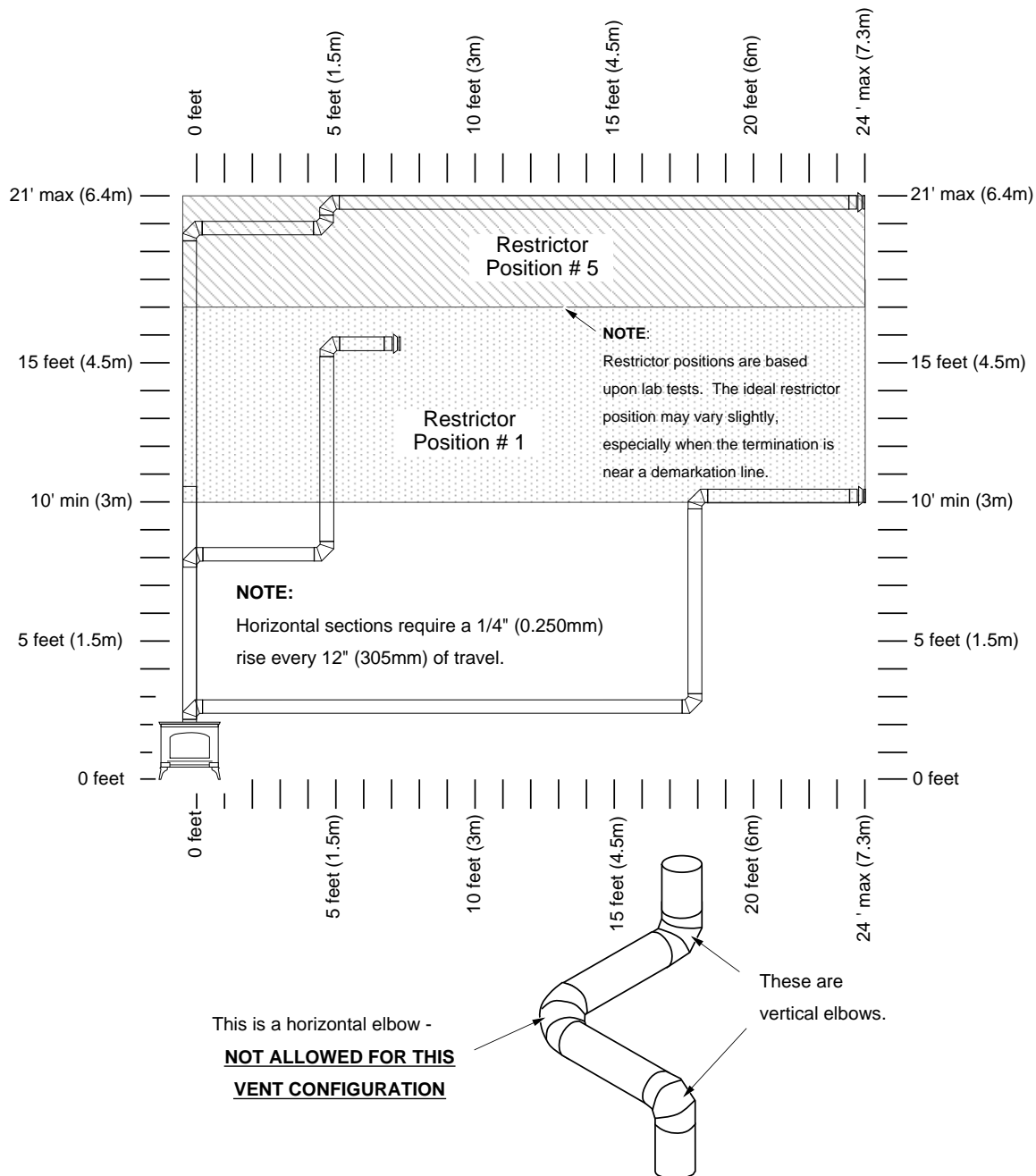
## Horizontal Termination with Two Elbows (one 90° vertical and one 90° or 45° horizontal elbow)

- If using a Snorkel Termination (14" (356mm) or 36" (915mm)) add the snorkel height to the vertical height (snorkel terminations are used primarily for basement installations).
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.



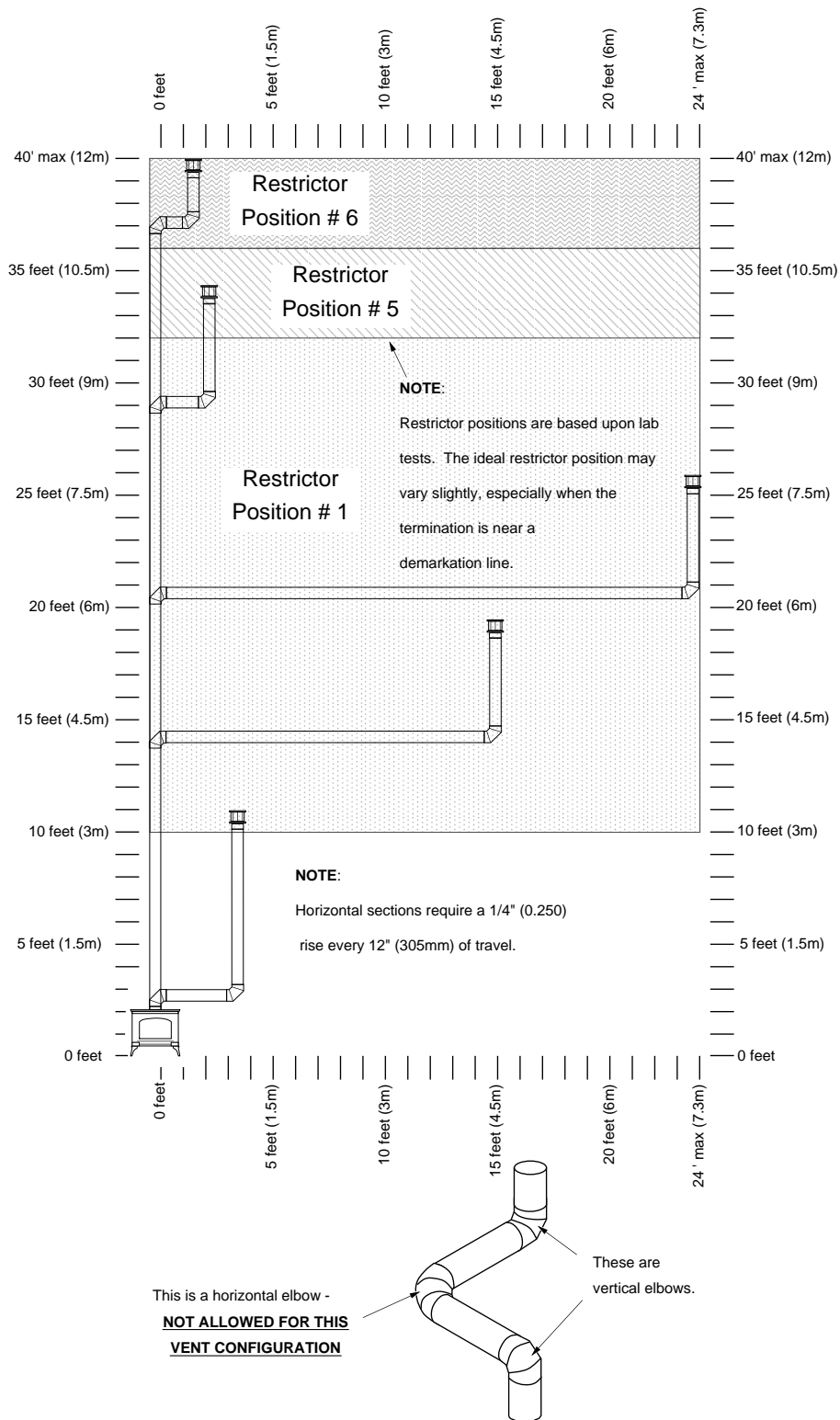
**Horizontal Termination with Three 90° Elbows (all vertical)**

- If using a Snorkel Termination (14" (356mm) or 36" (915mm)) add the snorkel height to the vertical height (snorkel terminations are used primarily for basement installations).
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.



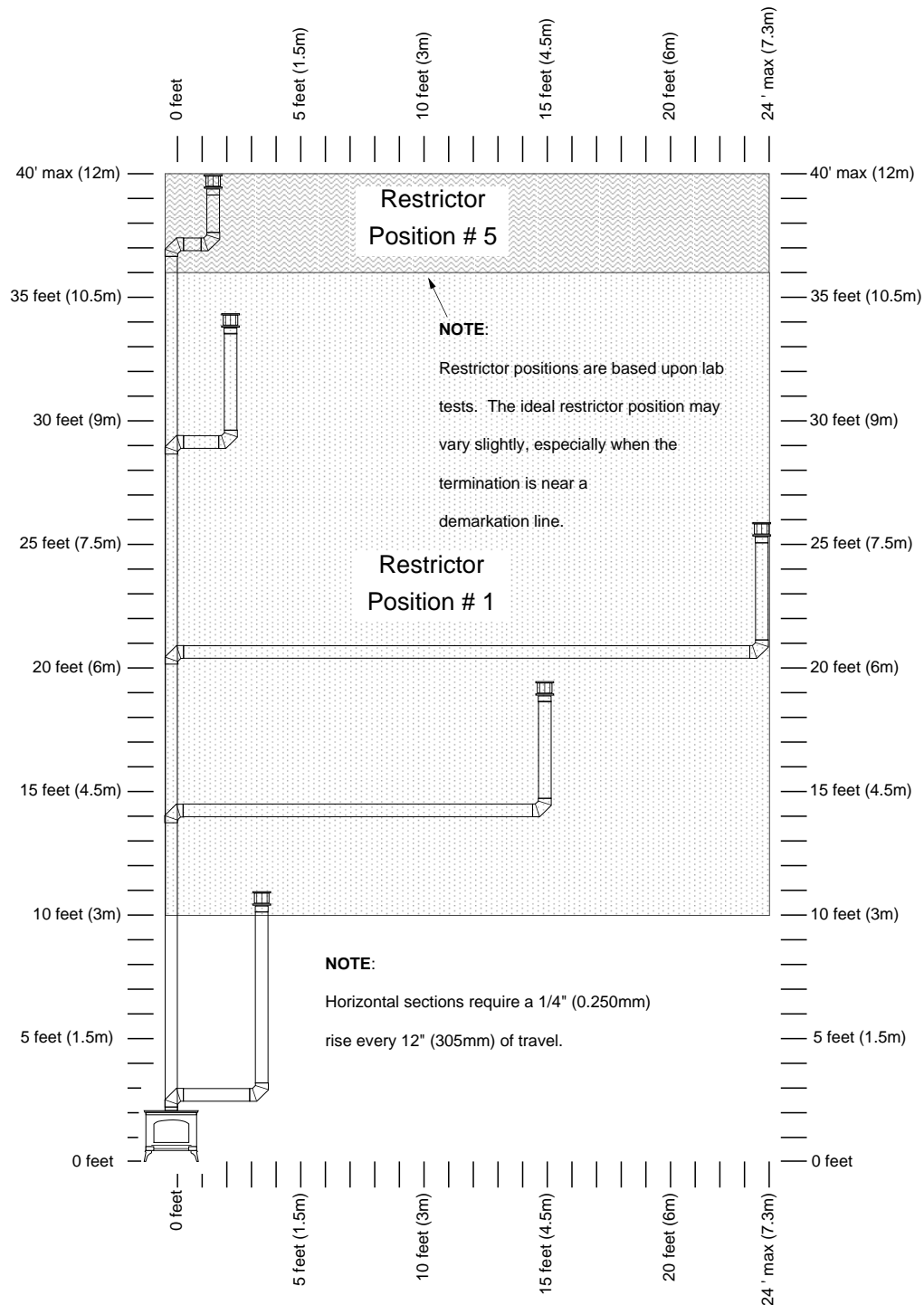
## Vertical Terminations with Two 90° Elbows

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



**Vertical Terminations with Three 90° Elbows****(Two 90° Vertical and One 45° or 90° Horizontal Elbow)**

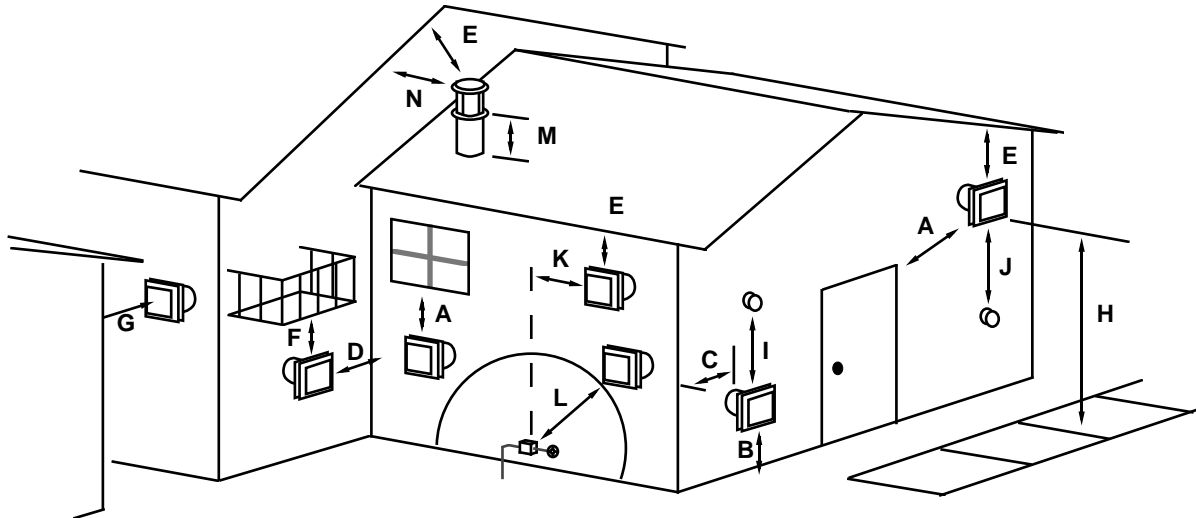
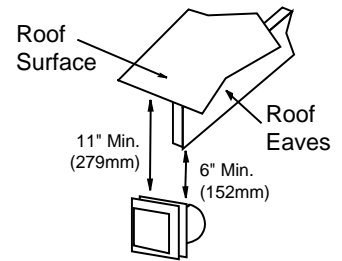
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor position.



## Vent Termination Requirements (see illustration below)

### ! Venting terminals shall not be recessed into a wall or siding.

- A Minimum 9" (229mm) clearance from any door or window
- B Minimum 12" (305mm) above any grade, veranda, porch, deck or balcony
- C Minimum 1" (25mm) from outside corner walls  
**NOTE:** Clearance in accordance with local installation codes and the requirements of the gas supplier.
- D Minimum 12" (305mm) from inside corner walls  
**NOTE:** Clearance in accordance with local installation codes and the requirements of the gas supplier.
- E Minimum 11" (279mm) clearance below unventilated soffits or roof surfaces  
Minimum 18" (457mm) clearance below ventilated soffits  
Minimum 6" (152mm) clearance below roof eaves  
**NOTE:** Vinyl surfaces require 24" (610mm)  
**NOTE:** Clearance in accordance with local installation codes and the requirements of the gas supplier.
- F Minimum 12" (305mm) clearance below a veranda, porch, deck or balcony  
**NOTE:** Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.  
**NOTE:** Clearance in accordance with local installation codes and the requirements of the gas supplier.
- G Minimum 48" (1219mm) clearance from any adjacent building
- H Minimum 84" (2134mm) 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 9" (229mm) clearance to any non-mechanical air supply inlet to the building or the combustion air inlet to any other appliance.
- J Minimum 36" (914mm) clearance above any mechanical air supply inlet if within 10' (3M) horizontally
- K Minimum 36" (914mm) from the area above the meter/regulator (vent outlet) - this extends 15' (4.5M) above the regulator  
**NOTE:** Clearance in accordance with local installation codes and the requirements of the gas supplier.
- L Minimum 36" (914mm) from the meter/regulator (vent outlet)  
**NOTE:** Clearance in accordance with local installation codes and the requirements of the gas supplier.
- M Minimum 12" (305mm) above the roof line (for vertical terminations)
- N Minimum 24" (610mm) 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 when installing on an exterior with vinyl siding.
- Vent termination must not be located where it will become plugged by snow or other material

### Class A Chimney Conversion Kit

Duravent provides a conversion kit for those wishing to use an existing wood stove chimney to vent this direct vent stove. The illustration below gives an overview of this type of installation. See the instructions included with the kit for details.

- ! Do not exceed the maximum vertical rise (see the section "Approved Vent Configurations" starting on page 14) allowable. Remember to set the restrictor position to the correct position (based upon the vertical rise height - see the chart on page 15).
- ! The conversion kit does not work on interior masonry chimneys.

#### **Chimney Conversion Kit A (# 931)**

Metalbestos 6" I.D.  
Security Chimneys 6" I.D.  
Jacks-Evans 6" I.D.  
Hart & Cooley 6" I.D.  
Pro-Jet 6" I.D.

#### **Chimney Conversion Kit B (# 932)**

Simpson Dura-Vent 6" I.D.  
Air-Jet 6" I.D.  
Metal-Fab 6" and 7" I.D.  
Amer. Metals 6" & 7" I.D.  
Metalbestos 7" and 8" I.D.  
Jacks-Evans 7" and 8" I.D.  
Hart & Cooley 7" and 8" I.D.  
Pro-Jet 7" and 8" I.D.  
Security Chimneys 8" I.D.

#### **Chimney Conversion Kit C (# 933)**

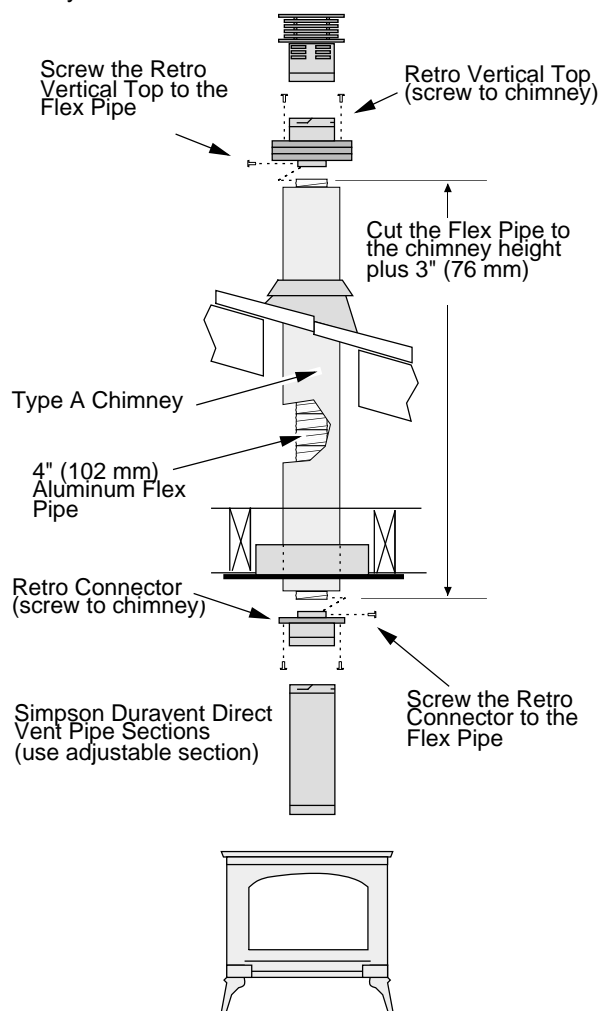
Simpson Dura-Vent 7" and 8" I.D.  
American Metals 8" I.D.  
Air-Jet 8" I.D.  
Metal-Fab 8" I.D.  
American Metals 8" I.D.

#### **Each Kit Contains:**

Retro Connector  
Retro Vertical Top

#### **Additional Required Equipment:**

4" Flex (#711 or U.L. 1777)  
Termination (#991)  
Co-Axial Sections



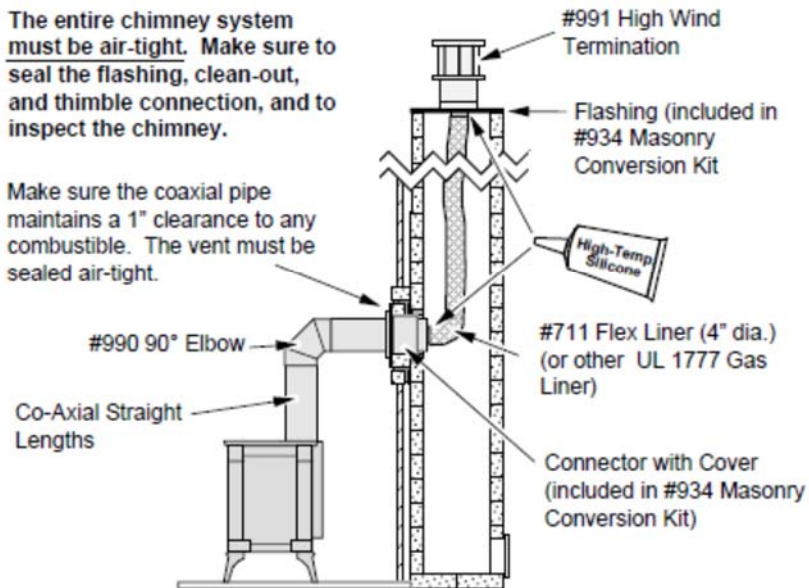
## Interior Masonry Chimney Conversions

- Follow the requirements and use the equipment listed in the illustration below to install this appliance into an interior masonry chimney.
  - Maximum vertical rise is 40' (12M)
  - Minimum vertical rise is 10' (3M)
  - See the chart on page 19 for determining the correct restrictor position.
- NOTE:** these restrictor positions are based upon lab tests. The ideal restrictor position may vary slightly.

### Interior Masonry Chimney

The entire chimney system must be air-tight. Make sure to seal the flashing, clean-out, and thimble connection, and to inspect the chimney.

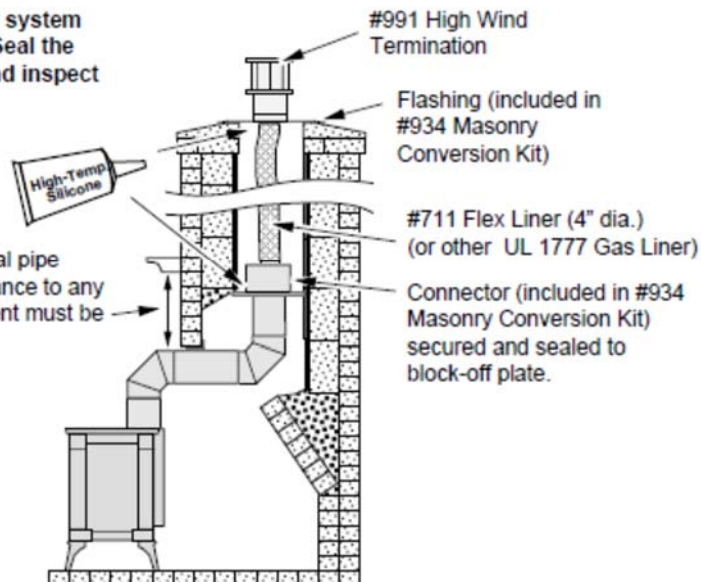
Make sure the coaxial pipe maintains a 1" clearance to any combustible. The vent must be sealed air-tight.



### Standard Masonry Fireplace

The entire chimney system must be air-tight. Seal the connector cover and inspect the chimney.

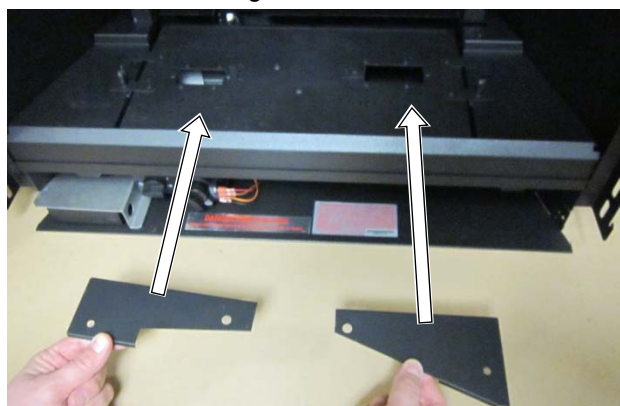
Make sure the coaxial pipe maintains a 1" clearance to any combustible. The vent must be sealed air-tight.



### Log Installation

**! The logs are fragile, especially after being exposed to heat.**

- Make sure the gas control valve is “OFF” and the heater is cool prior to conducting service.
- Failure to position the parts in accordance with diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.
- If using propane (LP), convert the appliance before installing the media (see page 42).
- The burner must be correctly positioned before installing the media. Make sure the burner is fully seated and the pilot is properly aligned. See page 42 for details on burner removal.
- Install the logs following the directions below.
- Install the optional firebacks before installing the logs.
  - 1 The log stands are shipped on top of the burner. Make sure they are in place with the mounting studs inserted through the holes on the stands.



- 2 The rear log has two holes on the bottom. Place it over the two tabs at the back of the firebox.

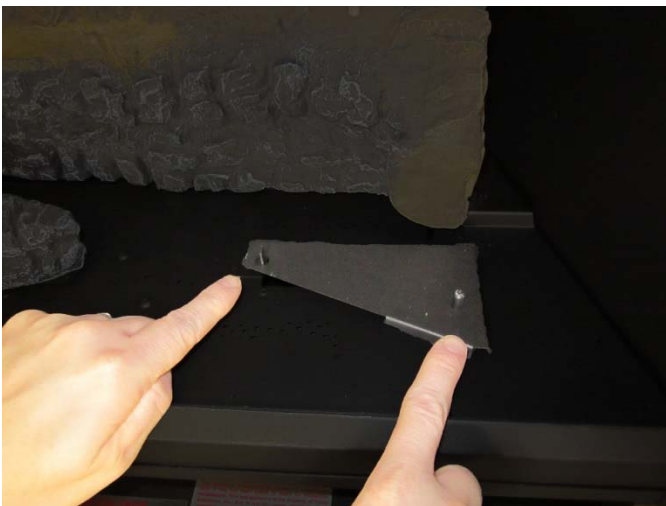




- 3 The left log has two holes on the bottom. Place the log so the holes fit over the two mounting studs on the left log stand.



- 4 The right log has two holes on the bottom. Place the log so the holes fit over the two mounting studs on the right log stand.



- 5 The left cross log has one hole on the bottom. Place the log so the hole fits over the left pin on the rear log. The front of the log rests on the left log (see picture for orientation).

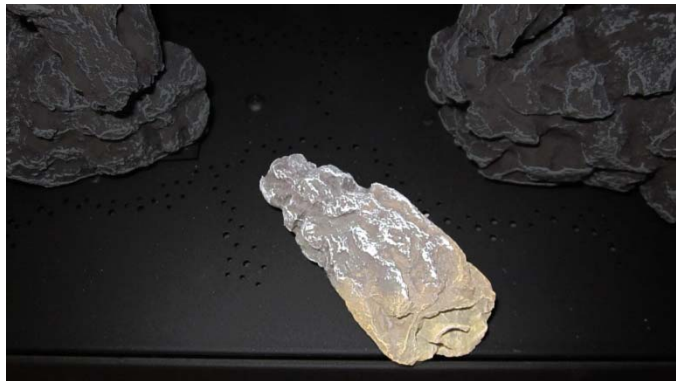


- 6 The right cross log has one hole on the bottom. Place the log so the hole fits over the right pin on the rear log. The front of the log rests on the right log (see picture for orientation).



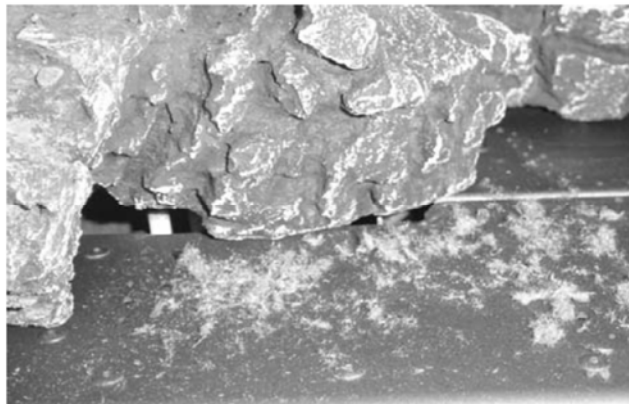


- 6 One twig is included for the front of the firebox. Place it at the front of the firebox as shown below (do not place it over any burner holes).



## Rock Wool Placement

The included rock wool is placed on top of the burner to enhance the glow from the burner. **The rock wool works best when it is applied in a very thin, porous layer.** The best method for applying the rock wool is to brush it on to the burner. Compress a clump of rockwool between your thumb and forefinger. Use a stiff brush to apply a thin layer of rockwool fibers onto the burner. Do not use the entire bag of rockwool. Use only a small amount and save the remainder. Over-use of rockwool will diminish the glow and may cause sooting or other adverse conditions.



## Ember Placement

Place a layer of embers along the edges of the burner, on top of rivets, and along the edges to enhance the aesthetics of the firebox. Do not place embers over any burner holes. See the photo to the right.



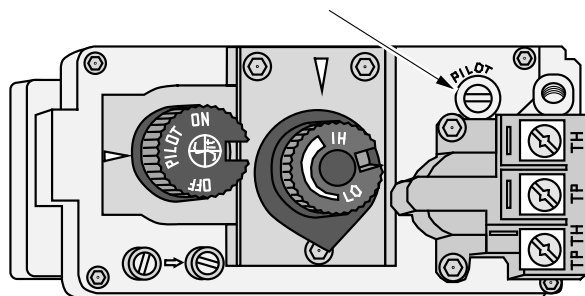
### Steps for Finalizing the Installation

1. Remove the glass (see page 30).
- NOTE:** If using propane (LP) convert the appliance prior to installing the media.
2. Turn on gas to the heater. 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. Leak test all gas joints prior to starting the appliance.
4. Start the pilot to verify gas supply (see instructions on page 33). Leak test all the gas joints downstream of the valve. Turn the gas control knob to "OFF" to shut off the appliance.
5. Install firebacks (if applicable). Install the log set (page 24).
6. Start the pilot (see instructions on page 33). Check the pilot flame following the directions below.

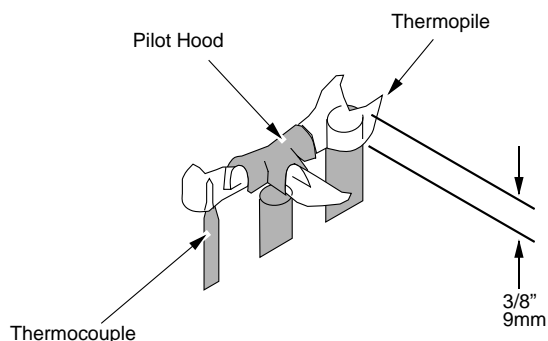
#### Pilot Flame Inspection

The pilot flame should look like the illustration below. Adjust the pilot flame if necessary.

To adjust the pilot flame, turn this screw (NOTE: if totally unscrewed gas will come out of this port). Clockwise lowers the flame while counter-clockwise raises it.



The pilot flame should touch only the top 3/8" (9mm) of the thermopile. Adjust the pilot up or down as necessary.

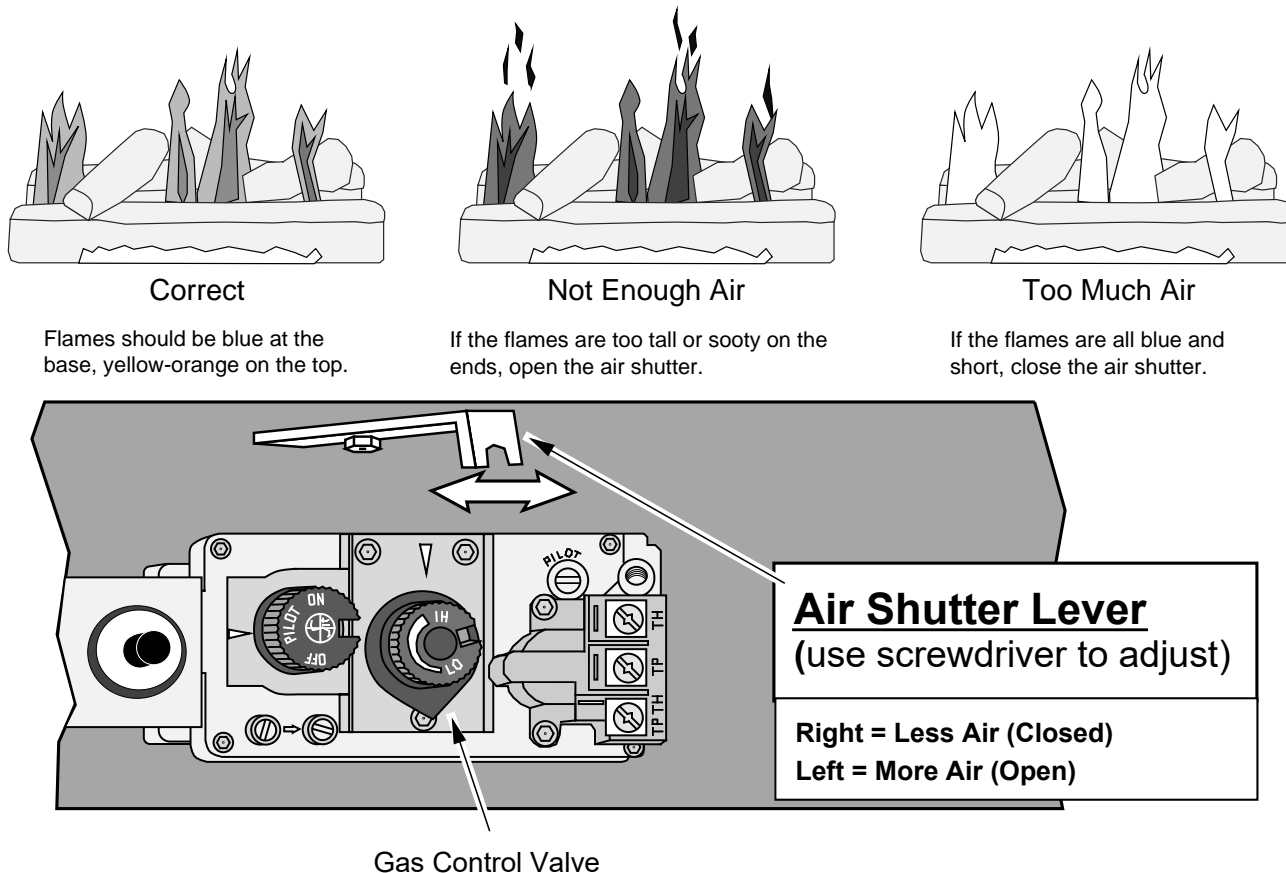


7. Replace the glass.
8. Start the main burner and verify the burner ignites correctly.
9. Leak test all gas joints.

10. Check the air shutter following the directions below.

## Air Shutter Adjustment

Let the heater burn for fifteen minutes (make sure the media and glass are in place). The flames should be yellow with no sooting. Adjust the air shutter, if necessary, to achieve the correct looking flame.



11. Adjust the flame to its highest position - the flames should not contact the top of the firebox. Check the flame on low position. The flames should burn off of each burner hole. If the heater does not work correctly, contact your Travis dealer for a remedy.
12. Give this manual to the home owner for future reference and fully explain operation of this heater.

## Face and Glass Removal



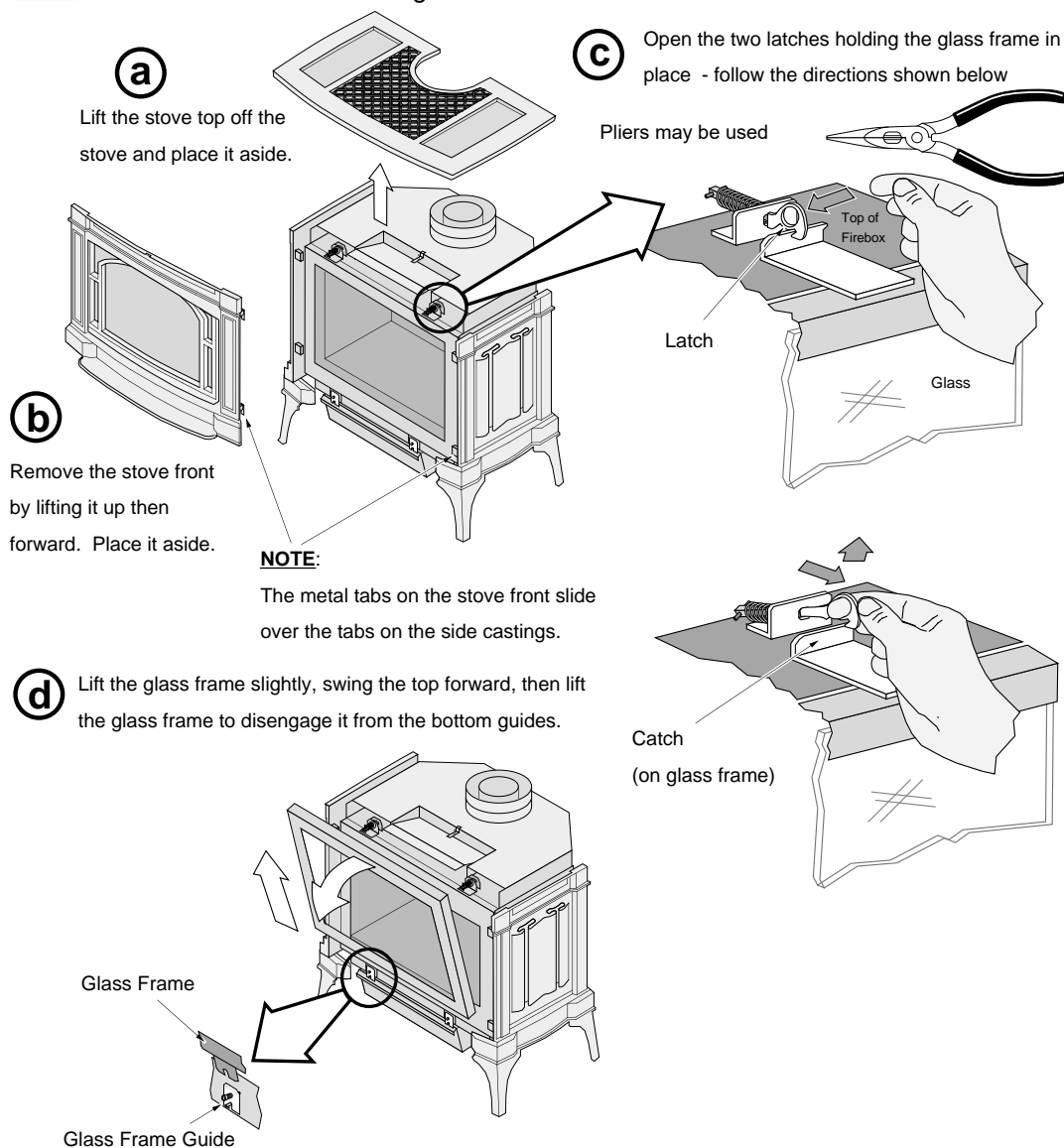
A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.



The screen barrier attaches to the cast front of the stove. If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance. The part number for this barrier is: 250-03731



The appliance must be completely cool before removing the glass.  
Do not strike or slam the glass.



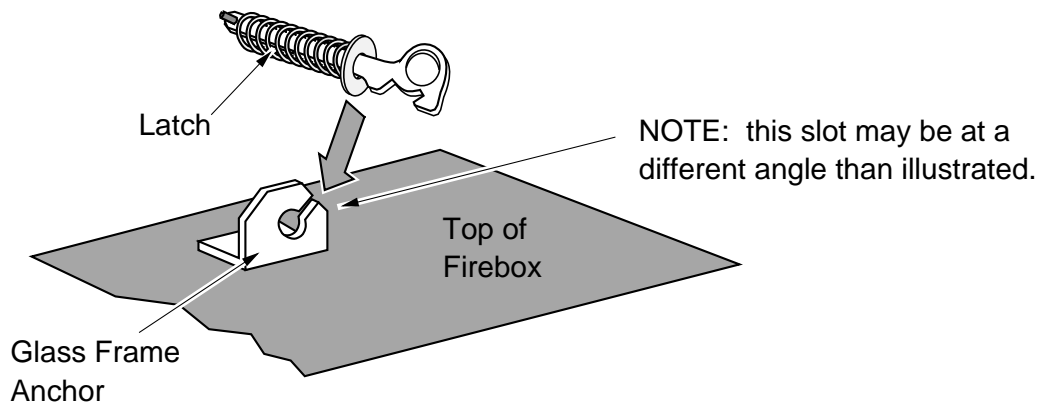
### Re-Attaching the Glass Frame:

- Slide the two brackets on the bottom of the glass frame into the glass frame guides (hold the glass frame at a slight angle).
- Swing the glass frame into place - you may have to lift it slightly to allow it to fit over the top of the firebox.
- Attach the upper latches (follow the instructions above in reverse).
- Replace the stove front and top.

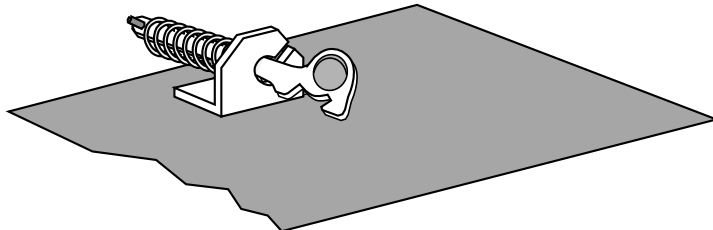
## Glass Frame Removal and Installation (continued)

The latch can come loose from glass frame anchor. This occurs when it is turned 1/4 turn when it is disengaged. Follow the directions below to re-install the latch if it becomes loose.

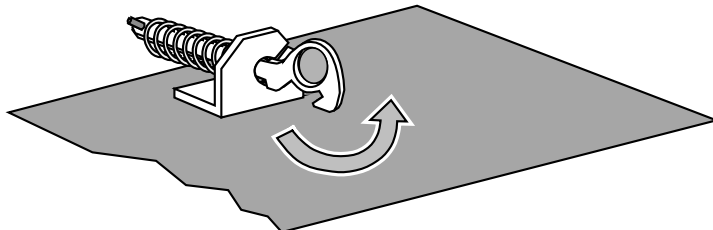
Hold the latch at an angle and insert it into the slot on the glass frame anchor.



Note how the washer on the latch fits behind the flange on the glass frame anchor.



Once fully inserted, turn the latch until it is upright.

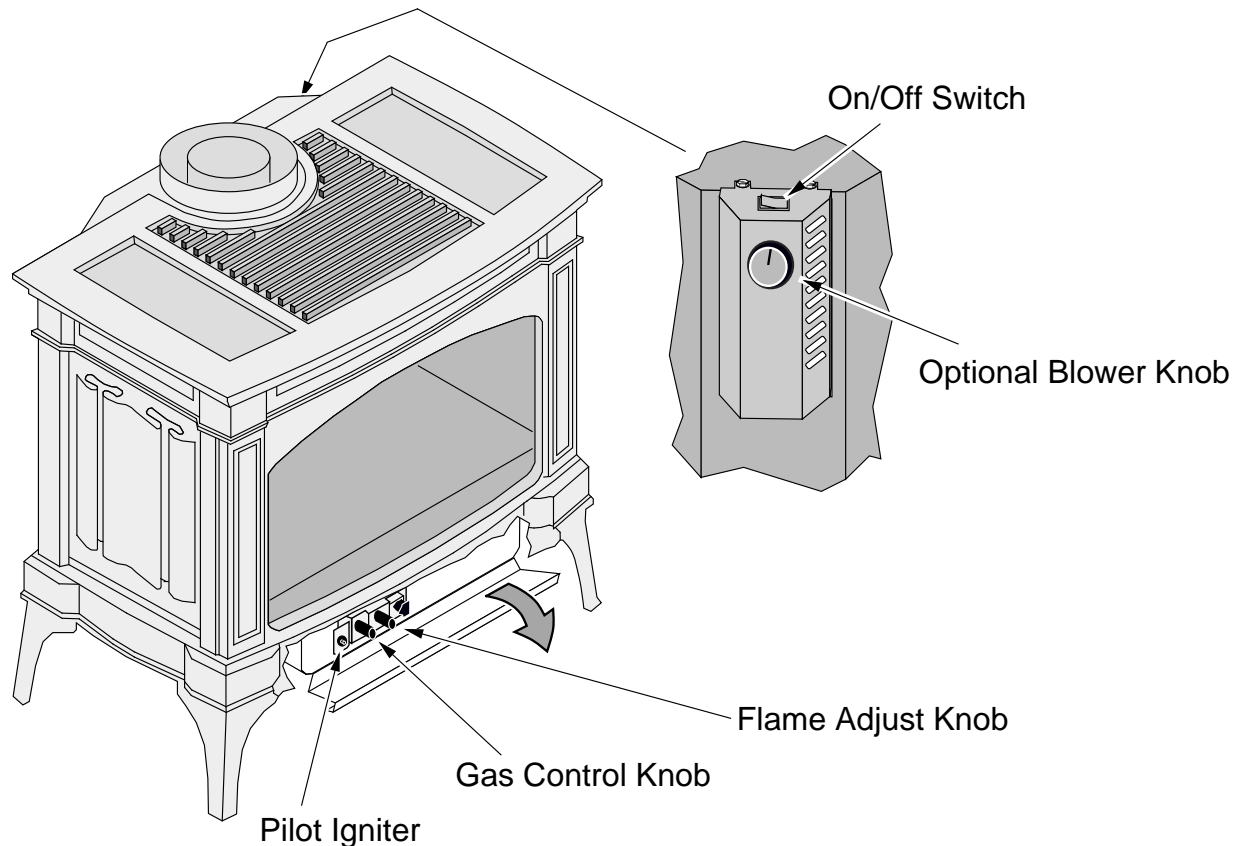


### ***Before You Begin***

**Warning:** Read this entire manual before you use your new stove (especially the section "Safety Precautions" on pages 4 & 5). Failure to follow the instructions may result in property damage, bodily injury, or even death.

**Warning:** Do not operate appliance with the glass front removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.

### ***Location of Controls - See explanation below***



<b>Optional Blower Control</b>	This knob controls the speed of the optional internal convection blower that pushes heated air into the room.
<b>Flame Adjust Knob</b>	This knob controls the flame height from low ("LO") to high ("HI").
<b>Pilot Ignitor</b>	This button 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.
<b>On/Off Switch</b>	This switch turns the main burner on and off.



## Starting the Pilot



**Remove the glass frame before starting the pilot.**

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 30).**

- a Remove the glass (see page 30 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 button on the pilot igniter repeatedly until you see the pilot light.

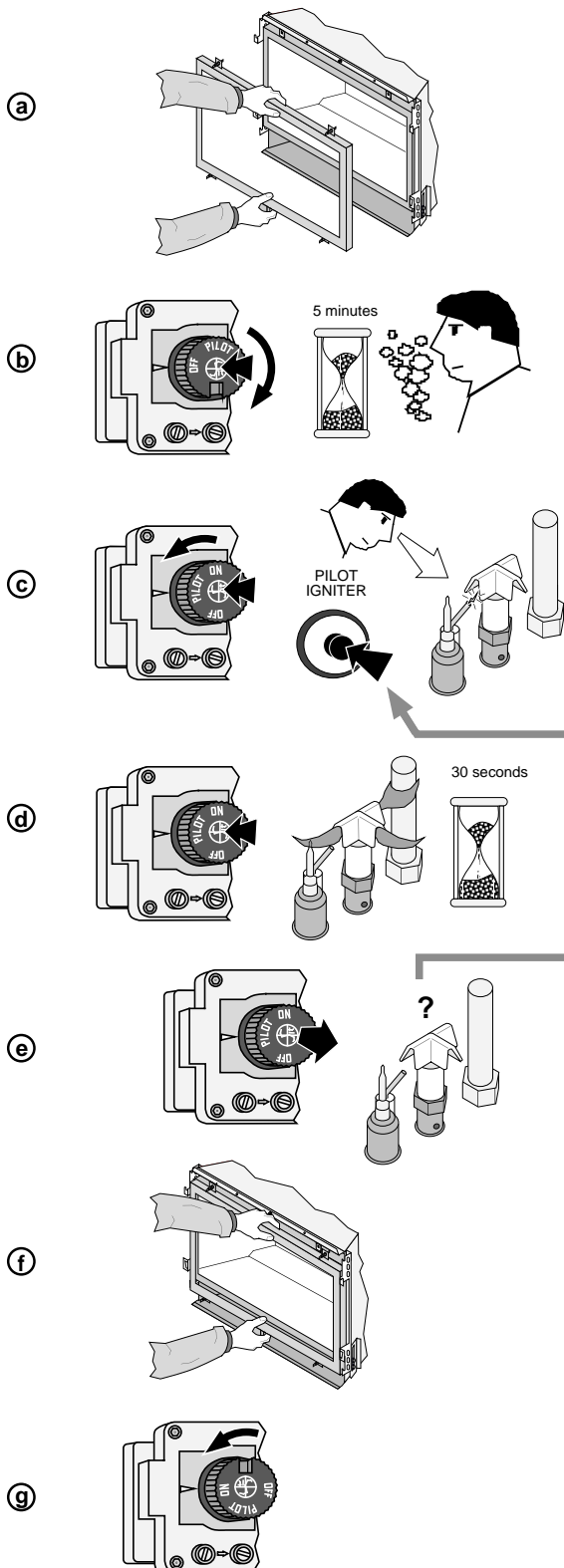
### **WARNING:**

**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 24).**

- 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 Heater for the First Time

- 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** may appear on the glass each time you start the heater - this is normal.
- **Blue Flames** will occur on the heater when it first comes on. After fifteen minutes the flames will turn a more realistic yellow and orange color.

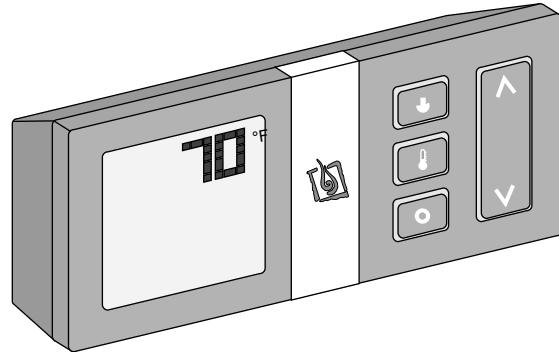
### Turning the Heater On and Off

After the pilot has been started...



#### ON/OFF SWITCH

Use this switch to turn the main burner on and off manually.



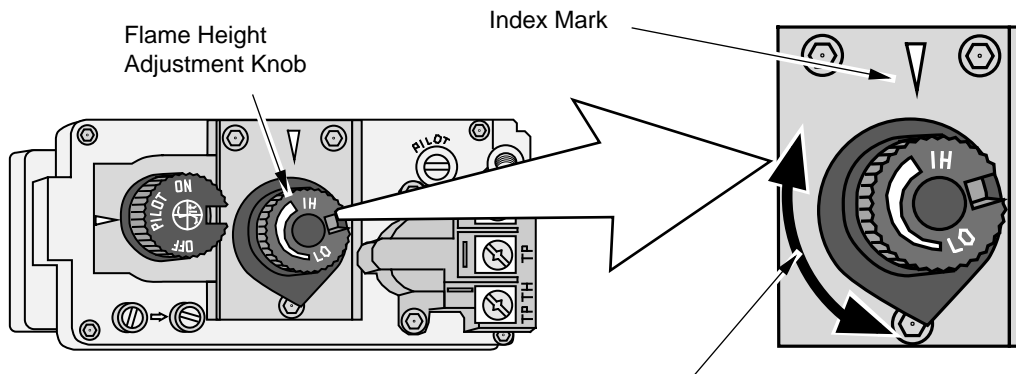
#### OPTIONAL REMOTE THERMOSTAT

See the instructions included with the remote for details on operation.

- Do not place any combustible items on top of or directly in front of the heater, even temporarily. The optional thermostat may start the heater causing a combustible item to ignite.
- If the heater 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 heater 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.



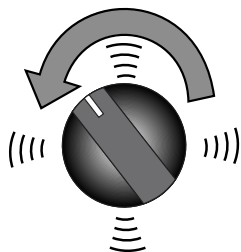
Turn counter-clockwise to adjust the flame higher, clockwise to lower.

## Adjusting the Blower Speed (Optional)

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

### OFF

Turn the dial all the way counter-clockwise until it clicks off



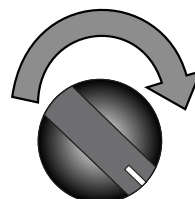
### HIGH

The high position is all the way counter-clockwise, without clicking off



### LOW

Turn the dial all the way clockwise



## Normal Operating Sounds

### Extinction Pops

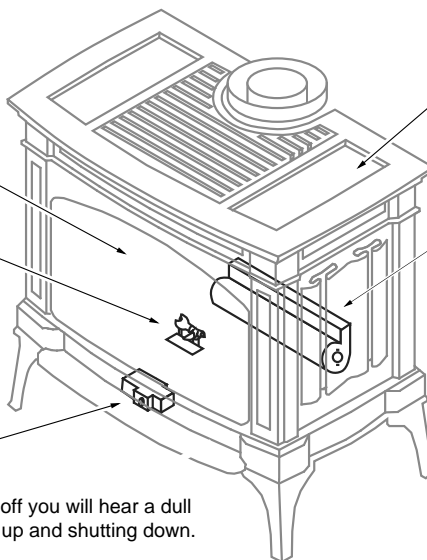
It is not unusual, especially on Propane (LP) appliances, to experience a "pop" when the burner is shut off.

### Pilot Flame

The pilot flame will make a clicking sound when starting up. When on, it will make a slight whisper sound.

### Gas Control Valve

As the gas control valve is turned on and off you will hear a dull clicking sound. This is the valve opening up and shutting down.



The appliance may creak with change of temperature -- THIS IS NORMAL.

### Blowers

This heater has optional blowers to push heated air into the room. You will hear the sound of air movement increase as the speed of the blower is increased.

## Normal Operating Odors

This appliance has several areas that reach high temperatures. Dust or other particles on these areas may burn and create an odor. This is normal during start-up. You may notice the smell is more acute if the appliance was left idle for a long period.

## Power Outages

The heater will work if household current (AC power) is disconnected.

**DANGER HIGH VOLTAGE:** Disconnect power before attempting maintenance or repair.

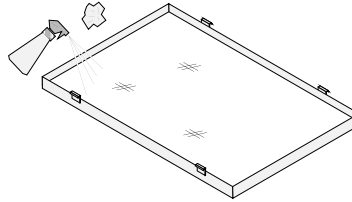
## ***Maintaining Your Heater's Appearance***



**The appliance must be completely cool prior to conducting service.**

### **Cleaning the Glass**

The glass may be cleaned with a non-abrasive cleaner. To clean the inside of the glass, simply remove the glass frame, place it on a non-scratching surface, and clean the surface.



### **Painted Surfaces**

- Painted surfaces should be cleaned with a duster. If scratches occur, lightly sand the area with fine sandpaper. Clean the area and, with the stove cool, apply one or two thin coats of stove paint to the area (mask the area to avoid overspray). Allow the stove to dry, then turn the stove on to cure the paint (1 hour on medium).

### **Enamel Surfaces**

- Use only soft cloth and water to clean enamel surfaces. To fix chips in the enamel, follow the directions below:
  - Let the stove cool. Clean the area thoroughly.
  - Shake the Travis Enamel Touch-Up thoroughly. Apply to the damaged area.

### **Patina Surfaces**

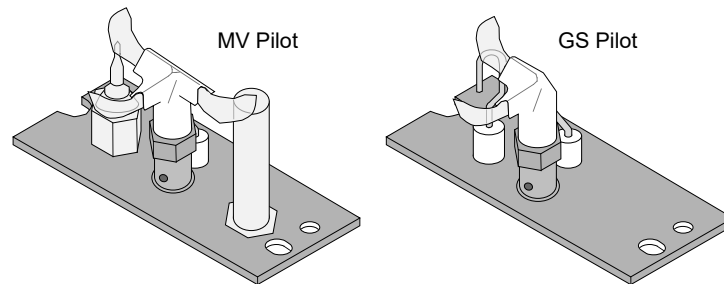
- The patina finish is a "living" color and will age and antique over time. Some portions of the finish may become slightly dull in appearance, especially over the top where it becomes hot. This is normal. The only cleaning we recommend is a light dusting when the appliance is cool.

**DO NOT USE ANY LIQUID, CLEANER, OR ABRASIVES ON THIS FINISH.**

## Yearly Service Procedure

**WARNING:** Failure to inspect and maintain the stove may lead to improper combustion and a potentially dangerous situation. We recommend the following procedures be done by a qualified technician.

- Shut off gas to the fireplace and let it cool for 15 minutes. Remove the glass. Inspect and operate the pressure relief mechanism to verify relief mechanisms are free from obstruction to operate.
- Clean glass window with a suitable fireplace glass cleaner. Abrasive cleaners must not be used. Be careful not to scratch the glass when cleaning.
- Vacuum and clean any debris in the firebox.
- Check all accessible gas-carrying tubes, connections, pipes and other components for leaks.
- Inspect the burner and firebox. Make sure the burner is not warped, cracked, or damaged. Check the firebox and area around the pilot to make sure there is no damage. Inspect primary air openings for blockage. If any problem is found, discontinue use and contact your dealer for service.
- Inspect the area behind the access door; clean if necessary. Check the gas control valve and the gas lines. If damage is found, discontinue use and contact your dealer for service. Clean the air channels, ducts, and blower (if applicable)
- Inspect vent and vent termination for sooting, obstructions, or damage. Make repairs as needed. Remove any debris or vegetation near the vent termination. Contact your dealer if any sooting or deterioration is found near the vent termination.
- Reinstall the glass assembly. If the glass is damaged, replace. 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.
- Turn the pilot flame on (continuous pilot). It should touch approximately 3/8" of the top of the flame sensor (see below). If it does not, contact your dealer.



- Start the main burner. Inspect and ensure the lighting of the main burner occurs within 4 seconds of the main gas valve opening.
- Test the flame failure response time of the flame safety system. It must de-energize the safety shutoff in no more than 30 seconds.

After 15 minutes 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 blower operation

**Troubleshooting Table**

<b>Problem:</b>	<b>Possible Cause:</b>	<b>Don't Call for Service Until You:</b>
<b>Pilot Will Not Light</b>	A gas shut off valve is turned off..... The gas control knob isn't turned to "PILOT"..... The valve control knob isn't pushed in..... The igniter wasn't pressed repeatedly..... No Propane in Tank.....	Check all gas shut off valves See "Starting the Pilot Light" Step C See "Starting the Pilot Light" Step C See "Starting the Pilot Light" Step C Check Tank Level
<b>Main Burners Will Not Start</b>	The pilot light has gone out..... The gas control valve is turned to "PILOT" or "OFF" The ON/OFF switch is turned to "OFF"..... The remote control is not working correctly..... The thermostat is disconnected or set too low.....	See "Starting the Pilot Light" See "Starting the Pilot Light" Turn the ON/OFF switch to "ON" See the remote control instructions See "Thermostat Operation"
<b>Optional Remote Control Does Not Work</b>	The pilot light has gone out..... The gas control valve is turned to "PILOT" or "OFF" The ON/OFF switch is turned to "OFF"..... The remote is too far away from the heater..... The remote control receiver is turned "Off"..... Remote or receiver batteries are dead.....	See "Starting the Pilot Light" See "Starting the Pilot Light" Turn the ON/OFF switch to "ON" Use the remote closer to the heater See the remote control instructions See the remote control instructions
<b>Heater Will Not Distribute Heat</b>	The heater is not up to temperature.....	This is normal – allow 5 to 20 minutes for heater to reach operating temperature.
<b>Optional Blower Does Not Turn On</b>	The heater is not up to temperature..... The heater is not getting electricity..... The blower is set to off.....	The blower will turn on once the heater is up to temperature (5 to 20 minutes). Check the breaker switch. Check the blower knob.
<b>Pilot Goes Out Intermittently</b>	The gas supply has been shut off.....	Keep the gas supply turned on
<b>Flames Are Too Blue</b>	The heater has just been started..... Improper air shutter adjustment.....	This is normal - see "Starting the Heater for the First Time" Adjust Air Shutter - contact your dealer
<b>Flames Are Too Short (Under 6")</b>	The flame height may be turned too low.....	Turn the flame height to "HI" - See "Adjusting the Flame Height"
<b>Thin Layer of Soot Covers the Glass</b>	The logs or coals are placed incorrectly..... Improper air shutter adjustment.....	See "Log Set Installation" Adjust Air Shutter - contact your dealer

## Replacement Parts List

**Caution:** Use only Travis Industries replacement parts. Do not use substitute materials.

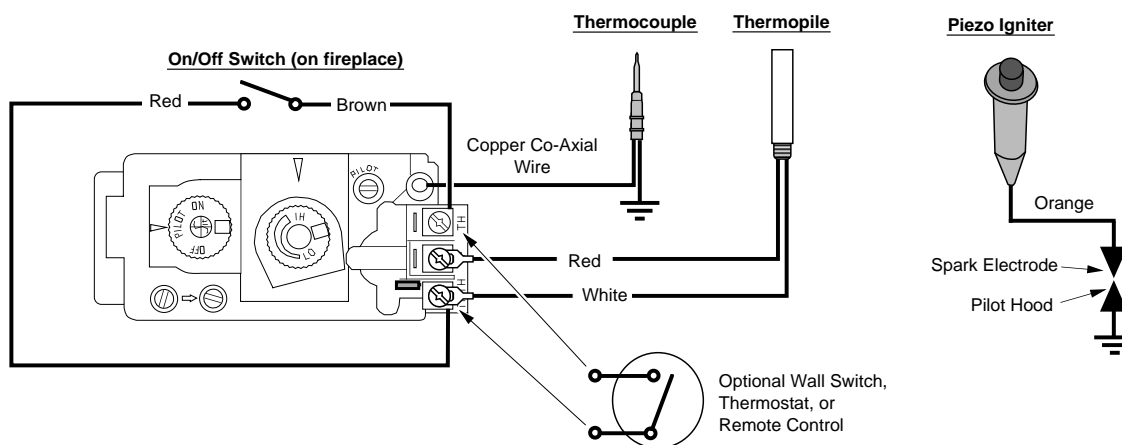
**Warning:** Do not operate appliance with the glass front removed, cracked, or broken. Replacement of the glass should be done by a licensed or qualified service person.

GLASS w/FRAME	250-00653
SCREEN BARRIER, FRONT	250-03731
SCREEN BARRIER, SIDE (x1)	250-03420
PIEZO IGNITER w/ RETAINING NUT	250-00390
THERMO-COUPLE	250-04383
THERMOPILE	250-04380
VALVE, NG w/MAN. SIT 820.644	250-04377

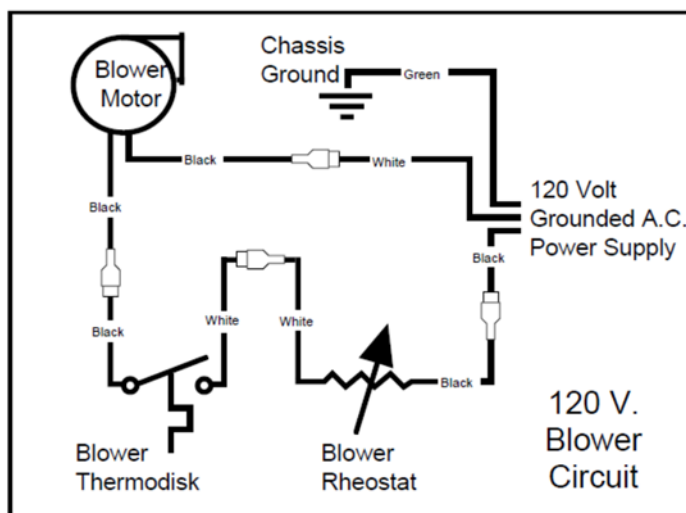
Contact your local Travis Industries Dealer to purchase replacement parts

## Wiring Diagram

**Caution:** Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.





## Optional Blower Wiring



## Safety Label

The safety (listing) label is attached to the operating tag (chained to the heater near the gas control valve). A copy is shown below

 <b>Berkshire Radiant</b> Vented Gas Fireplace Heater		<b>Minimum Clearances to Combustibles</b>  Stove Top to Sidewall 10" (254mm) Stove Top to Backwall 5" (127mm) Stove Top to Cornerwall 5" (127mm) Glass Front of Unit 36" (914mm)  Alcove Minimum Height 58" (1473mm) Alcove Maximum Depth 45" (1143mm) Alcove Minimum Width 46.75" (1187mm)															
<b>FAN TYPE VENTED CIRCULATOR</b> Blower Electrical Rating: 115V, 60 Hz, 1.5 Amps. Part No. 9900159 fan or blower assembly may be used <b>DANGER!</b> Risk of Electric Shock. Disconnect power before servicing unit.																	
Input Rate on "HI" (BTU/Hr) 31,000 Input Rate on "LO" (BTU/Hr) 17,500 Orifice Size - (DMS) 1.65mm	<b>PROPANE</b> N.G. Minimum Inlet Pressure (inches W.C.) 11" Maximum Inlet Pressure (inches W.C.) 13" Manifold Pressure on "HI" (inches W.C.) 11"	<b>PROPANE</b> N.G. Minimum Inlet Pressure (inches W.C.) 11" Maximum Inlet Pressure (inches W.C.) 13" Manifold Pressure on "HI" (inches W.C.) 11"															
This appliance is equipped for use only at altitudes 0-2,000 feet (0-610m) in the USA. In Canada, 0-4,500 feet (0-1370m). For altitudes above 2,000 feet, the vent configuration, orifice, or combination of both may need to be changed. See owner's manual for information on making these changes.																	
<b>MANUFACTURE DATE:</b> <table border="0"> <tr> <td><input type="checkbox"/> 2016</td> <td><input type="checkbox"/> Jan.</td> <td><input type="checkbox"/> Apr.</td> <td><input type="checkbox"/> Jul.</td> <td><input type="checkbox"/> Oct.</td> </tr> <tr> <td><input type="checkbox"/> 2015</td> <td><input type="checkbox"/> Feb.</td> <td><input type="checkbox"/> May</td> <td><input type="checkbox"/> Aug.</td> <td><input type="checkbox"/> Nov.</td> </tr> <tr> <td><input type="checkbox"/> 2020</td> <td><input type="checkbox"/> Mar.</td> <td><input type="checkbox"/> Jun.</td> <td><input type="checkbox"/> Sep.</td> <td><input type="checkbox"/> Dec.</td> </tr> </table>		<input type="checkbox"/> 2016	<input type="checkbox"/> Jan.	<input type="checkbox"/> Apr.	<input type="checkbox"/> Jul.	<input type="checkbox"/> Oct.	<input type="checkbox"/> 2015	<input type="checkbox"/> Feb.	<input type="checkbox"/> May	<input type="checkbox"/> Aug.	<input type="checkbox"/> Nov.	<input type="checkbox"/> 2020	<input type="checkbox"/> Mar.	<input type="checkbox"/> Jun.	<input type="checkbox"/> Sep.	<input type="checkbox"/> Dec.	<b>Manufactured by:</b>  <b>TRAVIS INDUSTRIES</b> <b>HOUSE OF FIRE</b> 12521 Harbour Reach Drive Mukiteo, WA 98275 www.travisproducts.com
<input type="checkbox"/> 2016	<input type="checkbox"/> Jan.	<input type="checkbox"/> Apr.	<input type="checkbox"/> Jul.	<input type="checkbox"/> Oct.													
<input type="checkbox"/> 2015	<input type="checkbox"/> Feb.	<input type="checkbox"/> May	<input type="checkbox"/> Aug.	<input type="checkbox"/> Nov.													
<input type="checkbox"/> 2020	<input type="checkbox"/> Mar.	<input type="checkbox"/> Jun.	<input type="checkbox"/> Sep.	<input type="checkbox"/> Dec.													

**WARNING:** Failure to install this appliance per the manufacturer's instructions or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

1253

**CAUTION:** Do not operate this appliance with glass removed, cracked or broken. Replacement of the panel(s) should be done by a licensed or qualified service person.



# Limited 7 Year Warranty

41

Register your TRAVIS INDUSTRIES, INC. Limited 7 Year Warranty online at [traviswarranty.com](http://traviswarranty.com). 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:

Check with your dealer in advance for any costs to you when arranging a warranty call.  
Mileage or service charges are not covered by this warranty. This charge can vary from store to store.

Component	Years 1 & 2 Parts & Labor	Years 3 Through 5 Parts & Labor	Years 6 & 7 Parts Only
<b>Burner Assembly</b> Burner Pan Assembly, Air Shutter Assembly, Main Burner Orifice	✓		
<b>Electrical Assembly (within heater structure):</b> Wiring harness, snap discs, rheostat speed control, blowers, etc.	✓		
<b>Gas Control Assembly</b> Adjustable control valve, fireplace controller, pilot assembly and pilot wiring	✓		
<b>Glass</b> Glass (breakage from thermal shock)	✓		
<b>Media</b> Log Set, Embers, Stones, Crushed Glass	✓		
<b>Gold, Nickel &amp; Copper Plating</b> Face & Door (see "Conditions and Exclusions" # 9)	✓		
<b>Accessories</b> Firebacks, Power Heat Ducts, Andirons, etc...	✓		
<b>One-Way Freight Allowance</b> One-way freight allowance on pre-authorized repair done at factory is covered.	✓	✓	
<b>Convection Heat Exchanger</b> Convection heat exchanger assembly	✓	✓	
<b>Firebox Assembly</b> Adjustable Air Restrictor, Pressure Relief Mechanisms, Glass Attachment Mechanism	✓	✓	✓

## EXCLUDED COMPONENTS:

Paint, Gasketing, and Accent Light Bulbs

## CONDITIONS & EXCLUSIONS

- 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.
- This warranty is nontransferable, and is made to the ORIGINAL purchaser, provided that the purchase was made through an authorized TRAVIS dealer.
- 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.
- 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.
- 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.
- This Warranty is void if:
  - The unit has been operated in atmospheres contaminated by chlorine, fluorine or other damaging chemicals.
  - The unit is subject to submersion in water or prolonged periods of dampness or condensation.
  - 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Travis Industries will not cover the cost of the removal or re-installation of hearths, facing, mantels, venting or other components.
- 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.
- 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:

- 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.
- Travis Industries has the option of either repairing or replacing the defective component.
- 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.
- Check with your dealer in advance for any costs to you when arranging a warranty call. Mileage or service charges are not covered by this warranty. This charge can vary from store to store.

***LP (Propane) Conversion Instructions*****WARNING**

This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

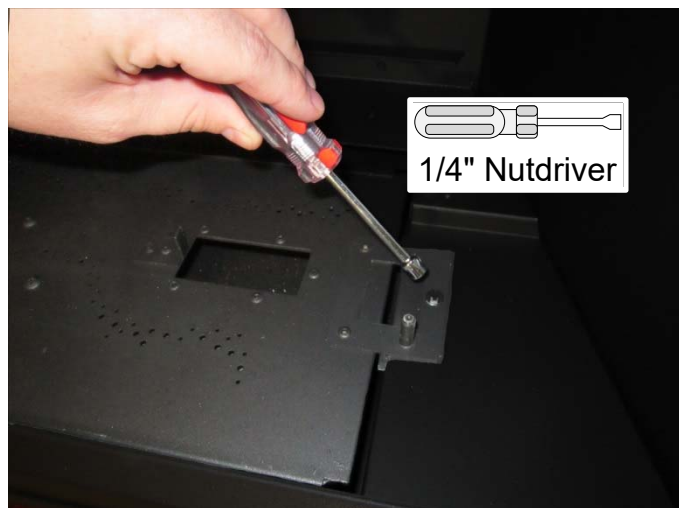
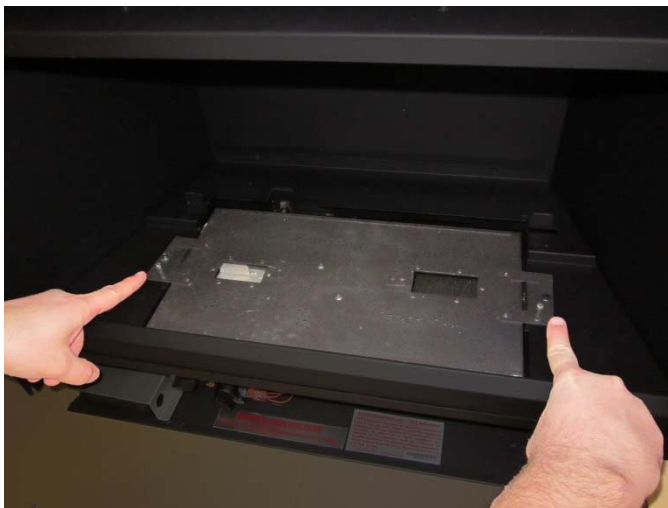
**Caution:** The gas supply shall be shut off prior to disconnecting the electrical power, before proceeding with the conversion.

**Note:** Convert the appliance prior to installing the gas line to ensure proper gas use.

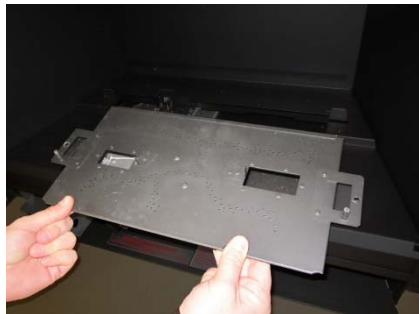
1. Remove the glass frame. Remove the logs (if installed).
2. Remove the two log stands.



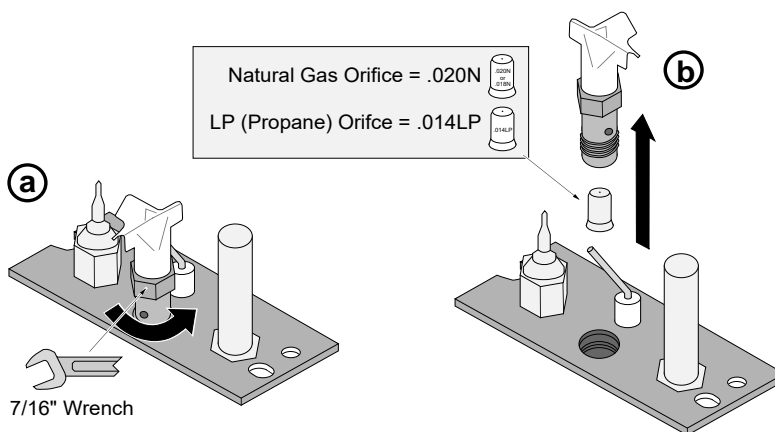
3. Remove the 2 screws holding the burner in place.



4. Remove the burner and place it aside.

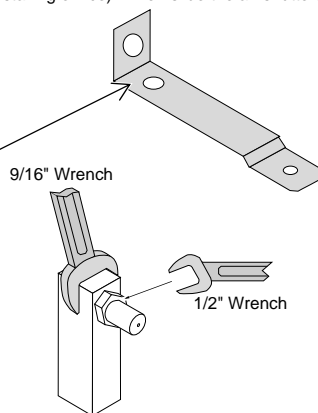
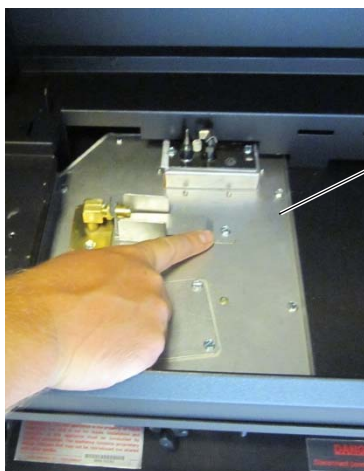


5. Install the LP (propane) pilot orifice following the instructions below.
  - (a) Use a 7/16" open-end wrench to remove the pilot hood.
  - (b) Remove and discard the Natural Gas (NG) orifice. Place the LP orifice in the pilot assembly then replace the pilot hood, tightening the pilot hood until it is snug (do not over-tighten).



6. Remove the burner orifice and discard. Install the LP (propane) orifice.

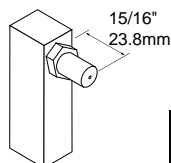
- (a) Remove the manifold cover to allow access to the burner orifice (replace manifold after installing orifice). Then slide the air shutters to provide additional room.



- (b) Use a 9/16" wrench to support the manifold while removing the orifice with a 1/2" wrench.

- (c) Apply thread sealant to the LP orifice prior to installation. Use the chart below to identify the correct orifices.

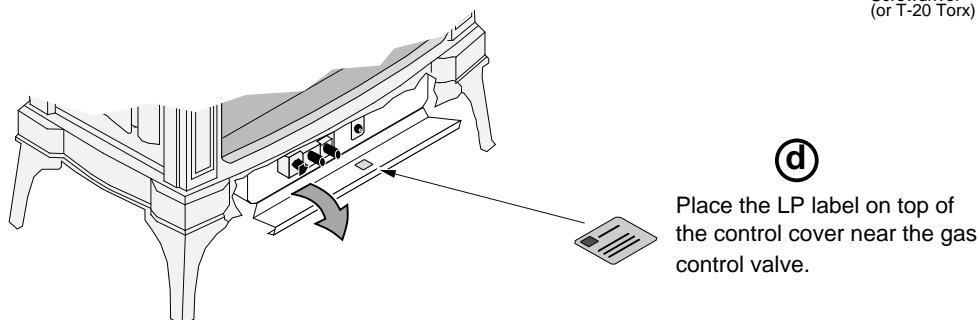
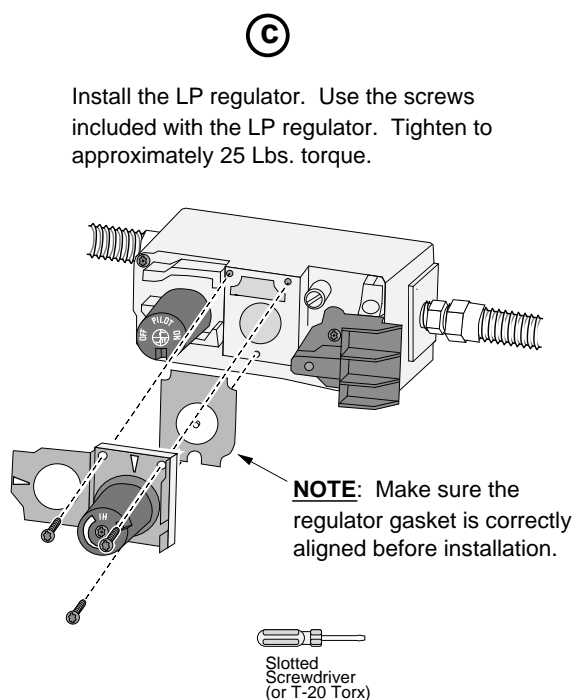
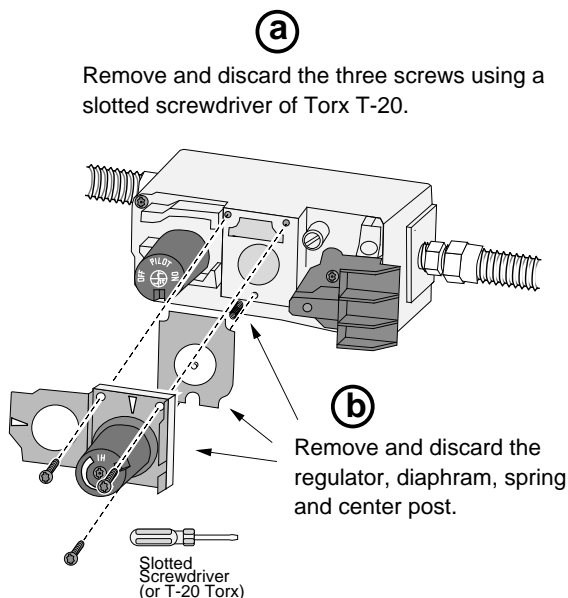
- (d) Screw the LP orifice until orifice protrudes 15/16" (23.8mm) indicating full insertion (use wrench to support manifold when re-attaching orifice).



LP	NG
#1.65	#36

IDB01280

7. 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.**



8. Replace the firebox components to restore the appliance to the correct configuration.
9. See the section "Steps for Finalizing the Installation" for instructions on starting the appliance and verifying correct operation (remove glass, bleed gas line, leak test gas connections, start the heater, inspect pilot flame, adjust air-shutter, and inspect burner performance). Verify gas output pressure (manifold pressure) at this time (see the section "Gas Line Requirements" for details).

## ***Optional Remote Installation***

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- 1 Locate the Green and White wires labeled "REMOTE" near the gas control valve.



- 2 Connect the Green and White wires from the back of the remote to the "REMOTE" wires found in step 1.



- 3 Remove clear plastic film from the Velcro strips on the bottom of the heatshield for the receiver. Turn the assembly over so the strips are facing downward. Gently push the wires back into the appliance as you move the receiver assembly into place. Adhere the assembly to the floor of the controls area of the stove. Make sure the placement does not obstruct the movement of the door.



- 4 Check that wires are not making contact with any hot surfaces or moving parts (blower impellers if installed). Adjust if necessary.
- 5 Install 4AA batteries into the receiver and 3AAA batteries into the transmitter.
- 6 Sync the transmitter with the receiver (see instructions included with the remote kit).

Additional Items Required .....	7	Log Installation .....	24
Approved Vent Configurations .....	14	LP Conversion Instructions .....	42
Before You Begin .....	32	Maintaining Your Heater's Appearance .....	36
Class A Chimney Conversion Kit .....	22	Mobile Home Requirements .....	8
Dimensions .....	6	Normal Operating Odors .....	35
Electrical Requirements .....	9	Normal Operating Sounds .....	35
Face and Glass Removal .....	30	<b>Optional Remote Installation</b> .....	45
Features .....	6	Packing List .....	7
Floor Protection Requirements .....	9	Power Outages .....	35
Fuel .....	6	Replacement Parts List .....	39
Gas Line Installation .....	11	Rock Wool Placement .....	27
Heater Placement Requirements .....	9	<b>Starting the Heater for the First Time</b> .....	34
Heating Specifications .....	6	Starting the Pilot .....	33
Horizontal Termination with One 90° Elbow ....	16	Steps for Finalizing the Installation .....	28
Horizontal Termination with Three 90° Elbows (all vertical) .....	18	Stove Clearances .....	8
Horizontal Termination with Two Elbows .....	17	Vent Requirements .....	12
Installation Hints .....	8	Vent Termination Requirements .....	21
Installation Options .....	6	Vertical Terminations with Three 90° Elbows ..	20
Installation Overview .....	7	Vertical Terminations with Two 90° Elbows ....	19
Installation Warnings .....	7	Vertical Terminations with Zero, Two, or Four 45° Elbows .....	15
Interior Masonry Chimney Conversions .....	23	Wiring Diagram .....	39
Location of Controls .....	32	Yearly Service Procedure .....	37