

4237 EG Fireplace Installation Manual



WARNING:

If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury, or loss of life.

- 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.
 - 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.

! DANGER



**HOT GLASS WILL CAUSE
BURNS**

**DO NOT TOUCH GLASS
UNTIL COOLED**

**NEVER ALLOW CHILDREN
TO TOUCH GLASS**

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



Listed by

Omni-Test Laboratories, Inc.

Report # 0028GF104S

ANSI Z21.88:19

CSA 2.33:19

CSA 2.17-2017

- **Built-In Direct-Vent Fireplace**
- **Natural Gas**
- **LP (Propane)**

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 fireplacex.com

CONSUMER: Retain this manual for future reference.

Manuels de langue Française à fireplacex.com

Overview

This manual details the installation requirements for the 4237 EG fireplace. For operating and maintenance instructions, refer to the Owner's Manual.



Listed by / Répertoire par
OMNI-Test Laboratories, Inc.
Report / Rapport No. 00280F1045

4237 EG GSR2
Vented Gas Fireplace Heater
Le Gaz donné vent Cheminée
Appareil de chauffage
Certified for USA and Canada
Certifié pour les États-Unis et le Canada



Listing Details

This appliance was listed by OMNI-Test Laboratories, Inc. to ANSI Z21.88:19.

The listing label is chained to the appliance near the glass frame. A copy is shown to the right.

Massachusetts Approval

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

National Fireplace Institute

**NATIONAL
FIREPLACE
INSTITUTE**



CERTIFIED
www.nficertified.org

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

Dealer Information

Please record your dealer information here for future reference:

Dealer Name: _____

Dealer Address: _____

Dealer E-Mail: _____

Dealer Phone #: _____

Certified to: ANSI Z21.88:19/CSA 2.33:19 "Vented Gas Fireplace Heater", CSA 2.17-2017 "Gas-fired appliances for use at high altitude", and CSA P.4.1-15 Testing method for measuring annual fireplace efficiency.

This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or Natural Gas and Propane Installation Codes, CSA B149.1.

This appliance must be installed in accordance with the current Standard CAN/CSA Z240 MH, Mobile Housing, in Canada or with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/NCSCS A225.1/NFPA 501A, Manufactured Home Installation Standard.

This vented gas fireplace heater is equipped at the factory for use with natural gas. If conversion to propane (LP) is desired, the optional factory conversion kit must be used. Part No. 250-05792 register kit may be used.

This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured home (USA only) or mobile home, where not prohibited by local codes. See owner's manual for details. This appliance is not convertible for use with other gases, unless a certified kit is used.

This vented gas fireplace heater is not for use with air filters.

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

THIS APPLIANCE MUST BE PROPERLY CONNECTED TO A VENTING SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. Use only approved coaxial direct vent system to vent this appliance to the exterior. See owner's manual for approved brands of venting.

If the vent-air intake system is disconnected for servicing or any other reason, it must be resealed and / or reinstalled.

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

VENTED GAS FIREPLACE HEATER
NOT FOR USE WITH SOLID FUEL

Minimum Clearances to Combustibles

Fireplace to Adjacent Wall	0" (0mm)
Wood Floor Beneath Fireplace	0" (0mm)
Back to Enclosure	0.625" (17mm)
Base of Fireplace to Enclosure Top	89" (2261mm)
Sides to Enclosure	0.625" (17mm)
Base of Fireplace to a Mantel	See Owner's Manual

FAN TYPE VENTED CIRCULATOR

Blower Electrical Rating: 120V AC, 4.5 Amps, 60 Hz, 540 Watts
Part No. 250-04053 / 250-04055 fan or blower assembly may be used.
DANGER! Risk of Electric Shock. Disconnect power before servicing unit.

	PROPANE	N.G.
Input Rate on "HI" (BTU/Hr)	60,000	60,000
Input Rate on "LO" (BTU/Hr)	13,600	14,500
Orifice Size - Front (DMS)	#53	2.5mm
Orifice Size - Rear (DMS)	#C51	#32
Minimum Inlet Pressure (inches W.C.)	11"	5.5"
Maximum Inlet Pressure (inches W.C.)	13"	7"
Manifold Pressure on "HI" (inches W.C.)	11"	3.8"

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.

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.

MANUFACTURE DATE:

<input type="checkbox"/> 2021	<input type="checkbox"/> Jan.	<input type="checkbox"/> Apr.	<input type="checkbox"/> Jul.	<input type="checkbox"/> Oct.
<input type="checkbox"/> 2022	<input type="checkbox"/> Feb.	<input type="checkbox"/> May	<input type="checkbox"/> Aug.	<input type="checkbox"/> Nov.
<input type="checkbox"/> 2023	<input type="checkbox"/> Mar.	<input type="checkbox"/> Jun.	<input type="checkbox"/> Sep.	<input type="checkbox"/> Dec.

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.

Certifiés: ANSI Z21.88:19/CSA 2.33:19 « A Donnée vent de l'Appareil de chauffage de Cheminée de Gaz », CSA 2.17-2017 « Appareils à gaz pour utilisation en haute altitude », et la méthode d'Essai de P.4.1-15 DE CSA pour l'efficacité de cheminée annuelle à mesurer.

Cet appareil doit être conformément installé aux codes locaux, si n'importe lequel ; si aucun, suivre le Code de Gaz de Carburant National, ANSI Z223.1/NFPA 54, ou Gaz Naturels et les Codes d'Installation de Propane, CSA B149.1.

Cet appareil doit être conformément installé au BOITE/CSA Standard actuel Z240 MH, le Logement Mobile, au Canada ou avec les Constructions de Maison Fabriquées et la Norme de Sécurité, le Titre 24 CFR, la Partie 3280, aux États-Unis, ou quand une telle norme n'est pas applicable, ANSI/NCSCS A225.1/NFPA 501A, Norme d'Installation de Maison Fabriquée.

Ceci a donné vent de l'appareil de chauffage de cheminée de gaz est équipé à l'usine pour l'usage avec le gaz naturel. Si la conversion au propane (LP) est désiré, la trousse de conversion d'usine facultative doit être utilisée. La partie No 250-05792 trousse de registre pourrait être utilisée.

Cet appareil est seulement pour l'usage avec le type de gaz indiqué sur la plaque de classement et pourrait être installé dans une maison tiers d'une façon permanente localisée et fabriquée (USA seulement) ou la maison mobile, ou pas interdit par les codes locaux. Voir le manuel du propriétaire pour les détails. Cet appareil n'est pas convertible pour l'usage avec les autres gaz, à moins qu'une trousse certifiée est utilisée.

Ceci a donné vent de l'appareil de chauffage de cheminée de gaz n'est pas pour l'usage avec les filtres à air.

Garder le compartiment de brûleur et contrôle nettoie. Voir l'installation et les instructions opérantes qui accompagnent l'appareil.

CET APPAREIL DOIT ÊTRE CONVENABLEMENT CONNECTÉ À UN SYSTÈME D'INSTALLATION CONFORMEMENT AUX INSTRUCTIONS D'INSTALLATION DU FABRICANT. Utiliser le système de conduit direct, coaxial et seulement approuvé pour donner vent cet appareil à l'extérieur. Voir le manuel du propriétaire pour les marques approuvées de donner vent.

Si le système de prise de conduit-air est débranché pour entretenir ou aucune autre raison, il doit être rescellée et / ou réinstallée.

L'APPAREIL DE CHAUFFAGE DONNE VENT DE CHEMINÉE DE GAZ
PAS POUR L'USAGE AVEC LE COMBUSTIBLE SOLIDE

Dégagements Minimums à Combustible

La cheminée au mur adjacent	0" (0mm)
Le plancher en bois en dessous de la cheminée	0" (0mm)
De retour à la clôture	0.625" (17mm)
La base de cheminée au sommet de clôture	89" (2261mm)
Les côtés à la clôture	0.625" (17mm)
La base de cheminée à un manteau de cheminée	***

(*** Voir le manuel du propriétaire)

EVENTER LE TYPE A DONNE VENT CIRCULATEUR

La soufflerie Classement Electrique : 120V AC, 4.5 Amps, 60 Hz, 540 Watts
La partie No 250-04053 / 250-04055 assemblée de ventilateur ou soufflerie pourrait être utilisée.

¡PELIGRO! El riesgo de Descarga eléctrica. Desconecte el poder antes de atender a la unidad.

	PROPANE	G.N.
Taux d'entrée sur « HI » (BTU/Hr)	60,000	60,000
Taux d'entrée sur « LO » (BTU/Hr)	13,600	14,500
La Taille d'orifice - le Devant (DMS)	#53	2.5mm
La Taille d'orifice - l'Arrière (DMS)	#C51	#32
La Pression minimum d'Arrivée (inches W.C.)	11"	5.5"
La Pression maximum d'Arrivée (inches W.C.)	13"	7"
Diverse Pression sur « HI » (inches W.C.)	11"	3.8"

Cet appareil est équipé pour l'usage seulement aux altitudes 0-2,000 pieds (0-610m) dans l'USA. Au Canada, 0-4,500 pieds (0-1370m).

Pour les altitudes au-dessus de 2,000 pieds, la configuration de conduit, l'orifice, ou la combinaison des deux peut avoir besoin d'être changé.

Voir le manuel du propriétaire pour les informations sur faire ces changements.

AVERTISSEMENT : L'installation déplacée, l'ajustement, le changement, le service ou l'entretien peuvent causer les dommages de blessure ou propriété. Se référer au manuel d'informations du propriétaire fourni avec cet appareil. Pour obtenir de l'aide ou les informations supplémentaires consultez un programme d'installation, une agence de service ou le fournisseur de gaz qualifié.

AVERTISSEMENT : L'échec pour installer cet appareil par les instructions du fabricant ou l'échec pour utiliser seulement des parties ont approuvé en particulier avec cet appareil peut avoir pour résultat les dommages de propriété ou la blessure personnelle.

PRUDENCE:

Ne pas fonctionner cet appareil avec le verre enlevé, craqué ou cassé. Le remplacement des panneaux devrait être fait par une personne de service autorisée ou qualifiée.

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Safety Warnings:

- 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.
- Do not store or use gasoline or other flammable liquids in the vicinity of this heater.
- 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 underwater.

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.
- 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 the 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.
- 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 for 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.

6

Features and Specifications

Installation Options

- Raised or Floor Placement
- Internal or External Chase
- Horizontal or Vertical Vent
- Bedroom Approved

Heating Specifications

Maximum BTU Input Per Hour

Approximate Heating Capacity (in square feet)*

* Heating capacity will vary with floor plan, insulation, and outside temperature.

Natural Gas

60,000

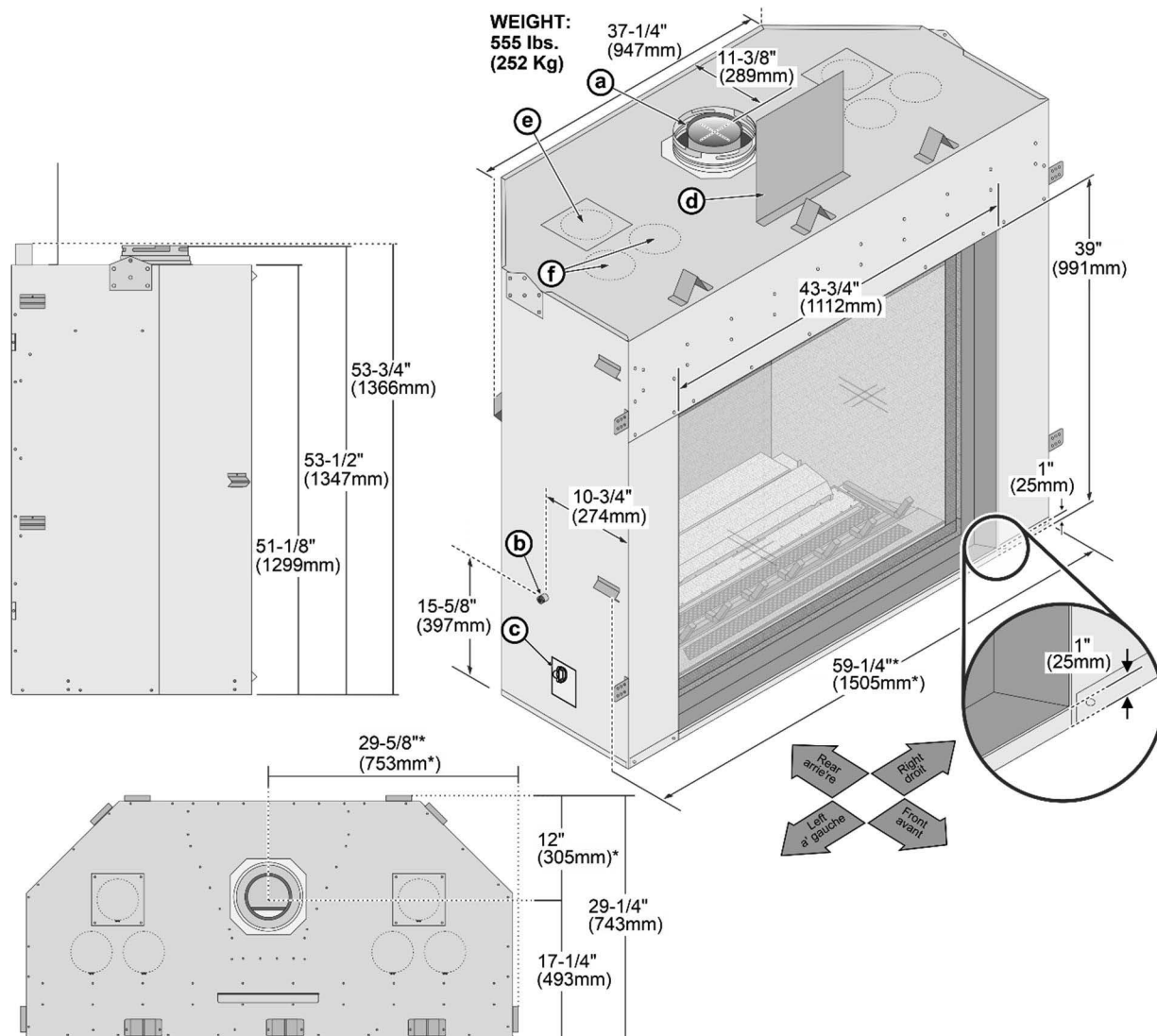
Up to 3,000

Propane

60,000

Up to 3,000

Dimensions



*Dimensions Include the standoffs

(a)	8" x 5" Co-Axial Vent	(b)	Gas Inlet (1/2" MPT)	(c)	Electrical Junction Box
(d)	Vertical Pipe Shield	(e)	Power Heat Duct/Coolsmart location	(f)	CoolSmart TV Wall kit location



A power heat duct kit and a CoolSmart TV kit are available for this fireplace. You may use up to (2) power heat vent kits or (1) CoolSmart TV kit, but not both. If using the CoolSmart TV kit, all (6) of the knockouts on top of the fireplace must be used.

Packing List

Included Hardware

- Screen Box (shipped on front of fireplace, includes screen, trim, and optional tile stop)
- Owner's Pack (ember chunks, rockwool)
- Exhaust Restrictor
- Remote Control
- Horizontal Termination Shield

Additional Equipment Required

- Log Set (Traditional Oak, Birch, or Bonfire)
- Firebacks
- Vent Pipe (installation specific)
- Electrical Equipment (min. 14 gauge, grounded line)
- LP Installations require GSR stepper motor (4-pack = 94400999, single = 250-01463)

Optional Equipment

- Power Heat Duct kit (1 or 2)
- CoolSmart TV Wall Kit
- Trim
- Ironwork Doors
- Power Vent

Recommended Installation Procedure

- Frame the opening for the fireplace. Make sure to allow for vent installation.
- This fireplace is designed to accommodate 1/2" (13mm) drywall. Drywall may be mounted to the side of the fireplace (standard) or flush with the facing (flush). See "Nailing Brackets" on page 13 for details). Secure the fireplace to the framing.
- Install the vent, electrical, and gas line (convert to LP gas if applicable). We recommend you test the operation of the fireplace at this point.
- Install the drywall.
- Install the hearth (if applicable).
- Install the facing (if applicable).
- Install the mantel (if applicable).
- Install firebacks
- Install logs
- Finalize the installation (see page 36).

Fireplace Unboxing and Moving Into Position

This fireplace is larger than most fireplaces and requires special attention when moving into position. The directions below are intended as a guideline for this process.

**WARNING**

Do not lift the fireplace from below with lifting forks. This may cause the base to bend and warp

**WARNING**

Always use proper lifting techniques when moving heavy objects (bend your knees, not your back).



We recommend using the Travis Industries lifting handles (sku 98500711) for moving the fireplace. See the instructions included with the brackets for installation instructions.

1. Unpack the fireplace.
2. Remove the screen box in front of the firebox opening and place it aside.
3. Remove the glass frame and place it aside (the glass tool is located inside the fireplace to the right).
4. The fireplace may now be moved into location once the internal components have been removed. We recommend using the Travis Industries lifting handles (sku 98500711) for this process. The handles attach to the two brackets attached to the side of the fireplace.
5. Unscrew the bolts on the side of the fireplace that secures the brackets to the pallet.
6. Move the fireplace into position, taking care not to damage the fireplace or surrounding area. If you do wish to move the fireplace with a forked stove lift (e.g. Escalara), we recommend lifting from the firebox roof (place 2x4's into the firebox to distribute the load).
7. Once the fireplace is near its final position, remove the shipping brackets from the side of the fireplace and slide it into place.

Massachusetts Requirements

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

Requirements for the Commonwealth of Massachusetts

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

Installation of Carbon Monoxide Detectors

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

In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

Approved Carbon Monoxide Detectors

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

Signage

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

Inspection

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

Exemptions

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

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

MANUFACTURER REQUIREMENTS

Gas Equipment Venting System Provided

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

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

Gas Equipment Venting System NOT Provided

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

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

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

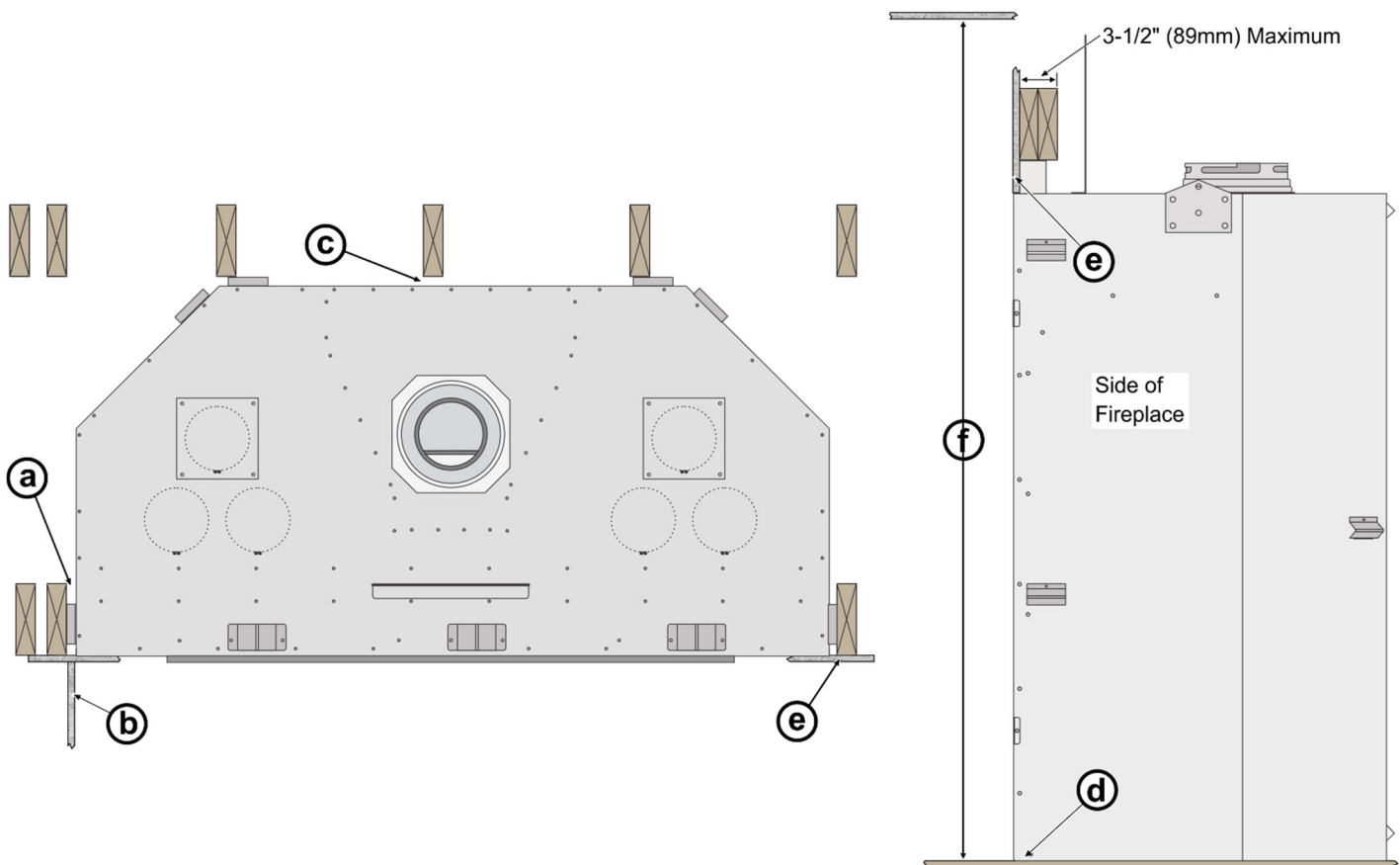
See Gas Connection section for additional Commonwealth of Massachusetts requirements.

Fireplace Placement Requirements

- 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)
- Fireplace should be located out of traffic and away from furniture and draperies.
- Fireplace may be placed in a bedroom (be aware of the large amount of heat from this fireplace).

Clearances

- (a) Clearance to Sides of Fireplace: 5/8" (16mm) – 0" to standoffs – see "e" below for exception
- (b) Clearance to Adjacent Walls in Front of Fireplace: 0"
- (c) Clearance to Back of Fireplace: 5/8" (16mm) – 0" to standoffs
- (d) Clearance to Bottom of Fireplace: 0" (may be placed directly on subfloor)
- (e) Drywall (or other combustibles) may contact the front 1/2" (13mm) of the fireplace along the top and sides
- (f) The base of the fireplace must be a minimum 61" (1550mm) below the room ceiling

**Raised Fireplaces**

- The fireplace (and hearth, if desired) may be placed on a platform designed to support the fireplace and vent.
- The base of the fireplace must be a minimum 61" (1550mm) below the room ceiling.



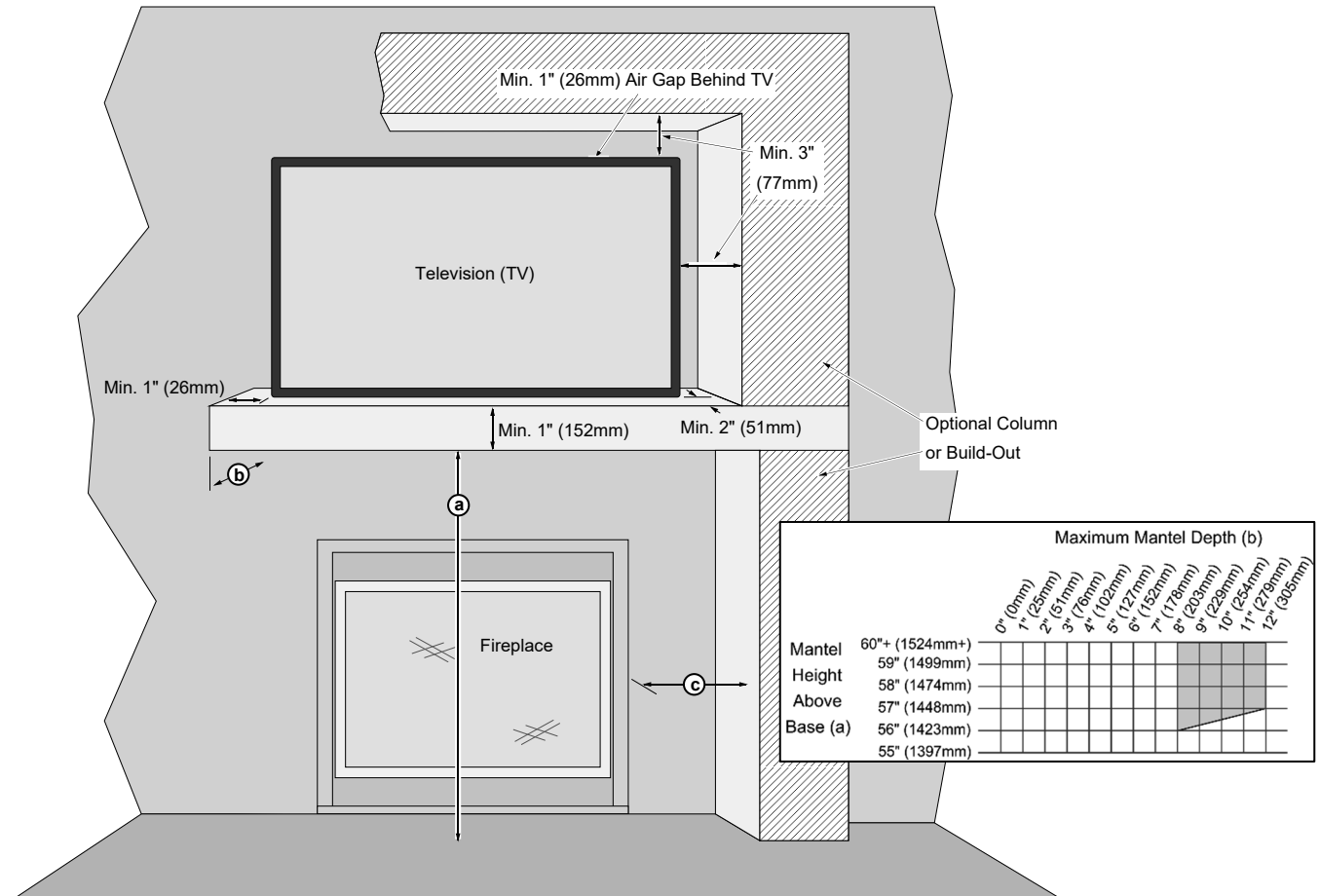
The firebox opening is 1" (26mm) above the base of the fireplace. For a typical raised fireplace of 10" (254mm), place the fireplace on a platform 9" (229mm) tall.

Televisions Placed Above the Fireplace

The following section gives guidelines to place a television above the fireplace.

IMPORTANT NOTE REGARDING TELEVISIONS AND THIS FIREPLACE

Most television manufacturers instruct the homeowner not to place the television above a heat source like this fireplace. Doing so may decrease the longevity of the television and negate the warranty. If you do place a television above the fireplace, you should place a mantel (or build-out) between the fireplace and television (or **use a CoolSmart TV Wall™ kit**). Follow the guidelines below to reduce the amount of heat reaching the television. Travis Industries does not take responsibility for any negative impact on televisions placed near this fireplace.



Minimum Dimensions:

(a) Minimum Mantel Height above Base of Fireplace*	56" (1448mm) with 8" (203mm) mantel depth*
(b) Mantel Depth*	Minimum 8" (203mm)* Maximum 12" (305mm)
(c) Optional Columns (or Build-Out)	Must Meet Side Wall Clearances: 0" (0mm) (Measured to the side of fireplace ZC-can)

*** Minimum mantel depth must be 8" to allow heat to dissipate. If using a mantel larger than 8", make sure to adjust the mantel height (a) to meet the mantel clearance (see mantel requirements and/or chart above).**

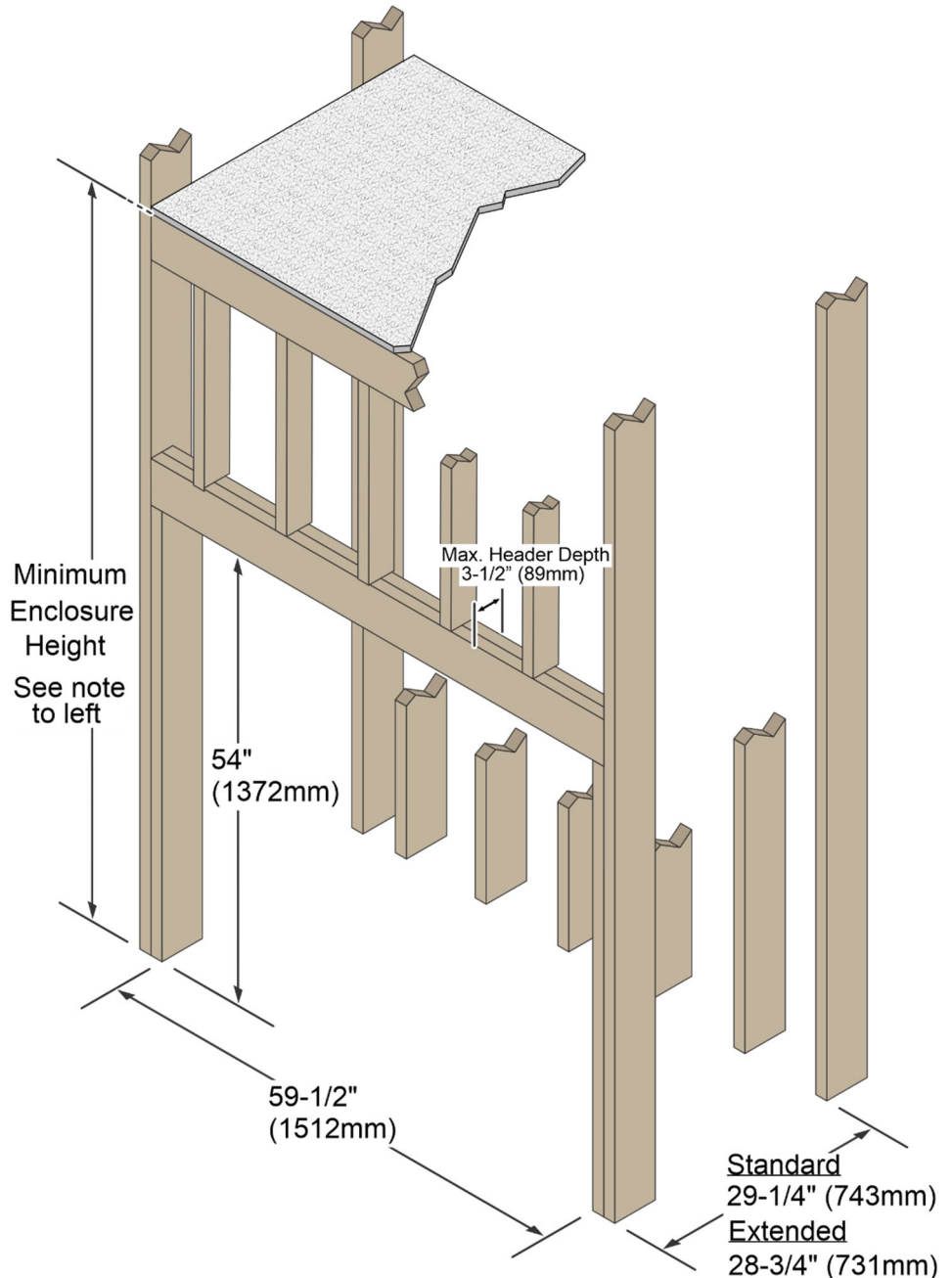
- The mantel must extend 2" in front of the television and 1" to both sides.
- If you have a television that is greater than 6" deep (including the 1" gap behind), you will need to alter the mantel depth and height (see the example below).
- The television must have a 1" gap to the wall to allow for proper cooling. Any build-out near the television must maintain a 3" gap to the top and sides to prevent heat from being trapped near the television.

EXAMPLE: If you have a television that is 9" deep (including the 1" gap behind), the mantel must be 11". The mantel height would need to be 56-3/4" above the base of the fireplace.

WIRING NOTE: If running wiring into the enclosure, you may wish to use thermal insulating wrap around the wiring. Secure the wiring to protect from contact with hot surfaces.

Minimum Framing Dimensions**Min. Framing - Without CoolSmart TV kit****WARNING**

When using a CoolSmart TV kit, see section: "CoolSmart TV - Framing the Chase" on page 57.



**Minimum Enclosure Height –
Minimum Vent Configurations or
Any System Height Under 10'**

- Minimum enclosure height is 89" (2261mm)

**Minimum Enclosure Height –Vent
Configurations with System Height
10' or Higher**

- Minimum enclosure height is 61" (1550mm)
- Vent must pass vertically through the enclosure before an elbow is placed on the vent.

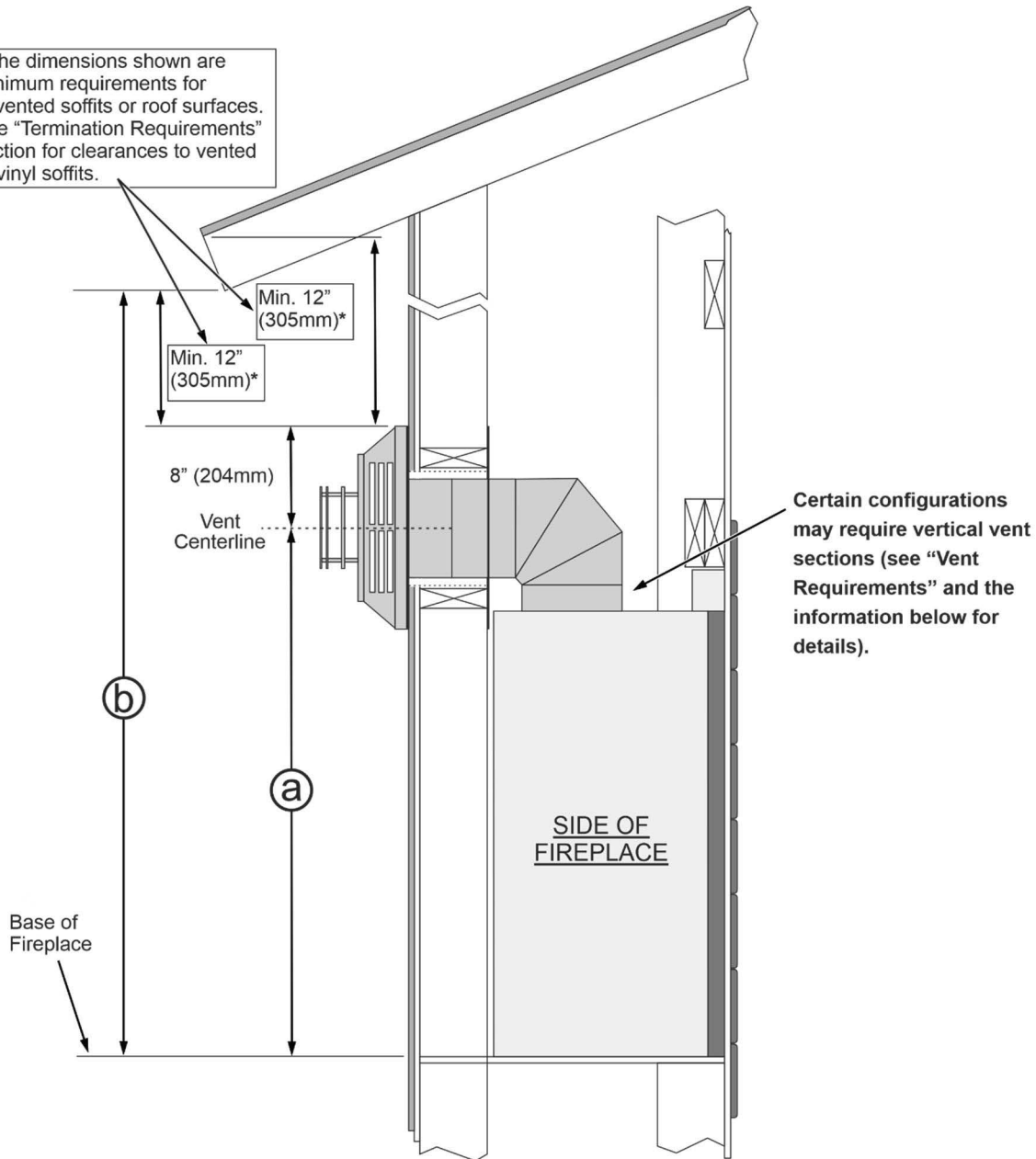
Do not build into the fireplace enclosure.

Min Framing – With CoolSmart TV Kit

When using a CoolSmart TV kit, see section: "CoolSmart TV - Framing the Chase" on page 57 of this manual or the installation instructions included with the kit for minimum framing dimensions.

Minimum Vent “Bump Out” application

* The dimensions shown are minimum requirements for unvented soffits or roof surfaces. See “Termination Requirements” section for clearances to vented or vinyl soffits.

**4237****LP & NG Installations**

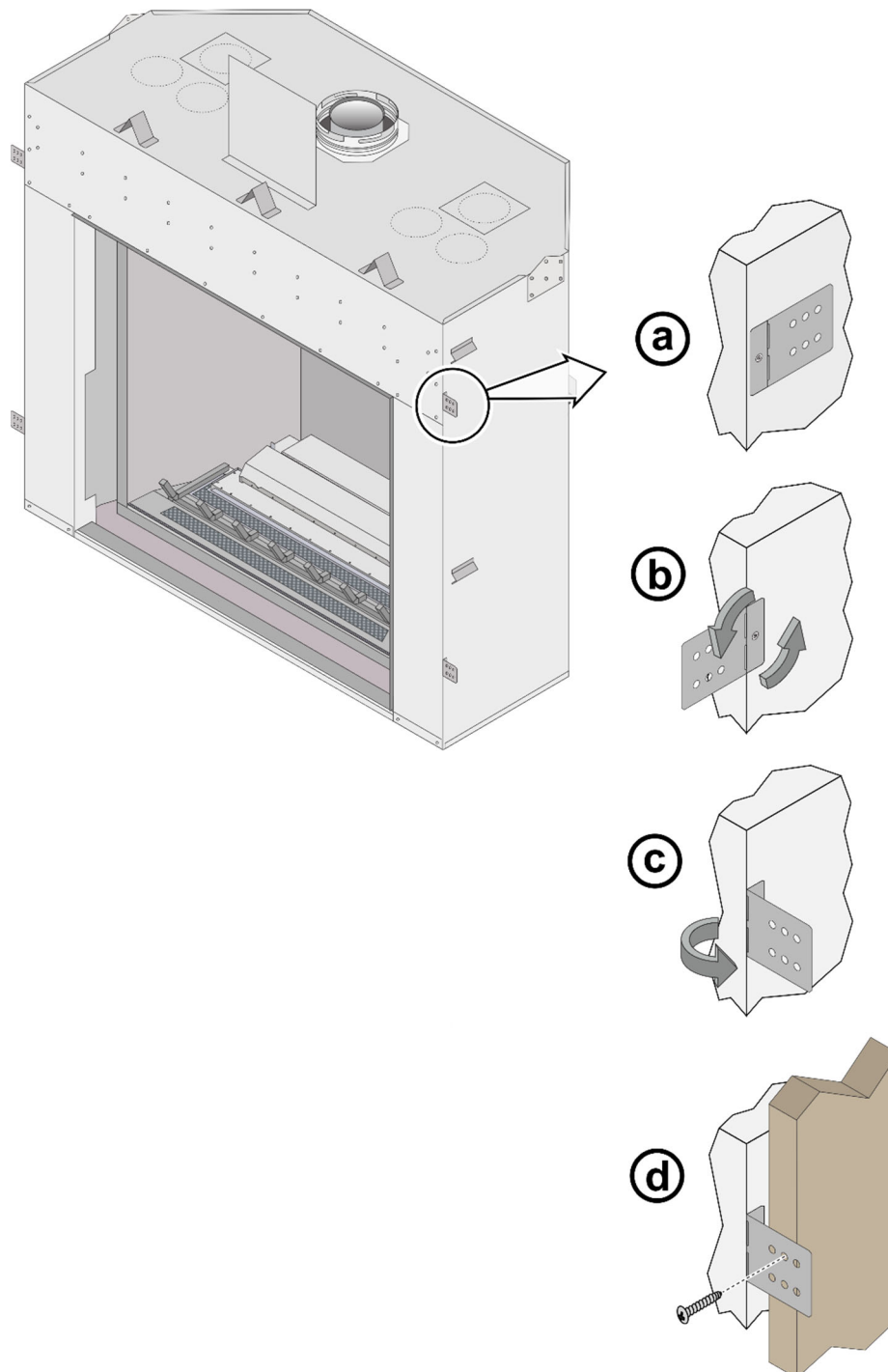
24" Vertical Vent Section (Min. Rise)

(a) Vent Centerline	Approx. 81" (2058mm)
(b) FP Base to Roof Eave	Approx. 101" (2566mm)

Nailing Brackets – Standard Install

The fireplace has three (3) nailing brackets on each side. In the “standard” position, the brackets are flush with the front edge of the fireplace (see illustration below). This allows for the facing underlayment (such as HardieBacker® cement board or other non-combustible) to cover the front of the fireplace and butt up to the drywall (see “Facing Requirements” for details). This style of installation should be used for tile and cultured stone finishes. Once the fireplace is properly placed, secure the fireplace to the framing (see illustration below).

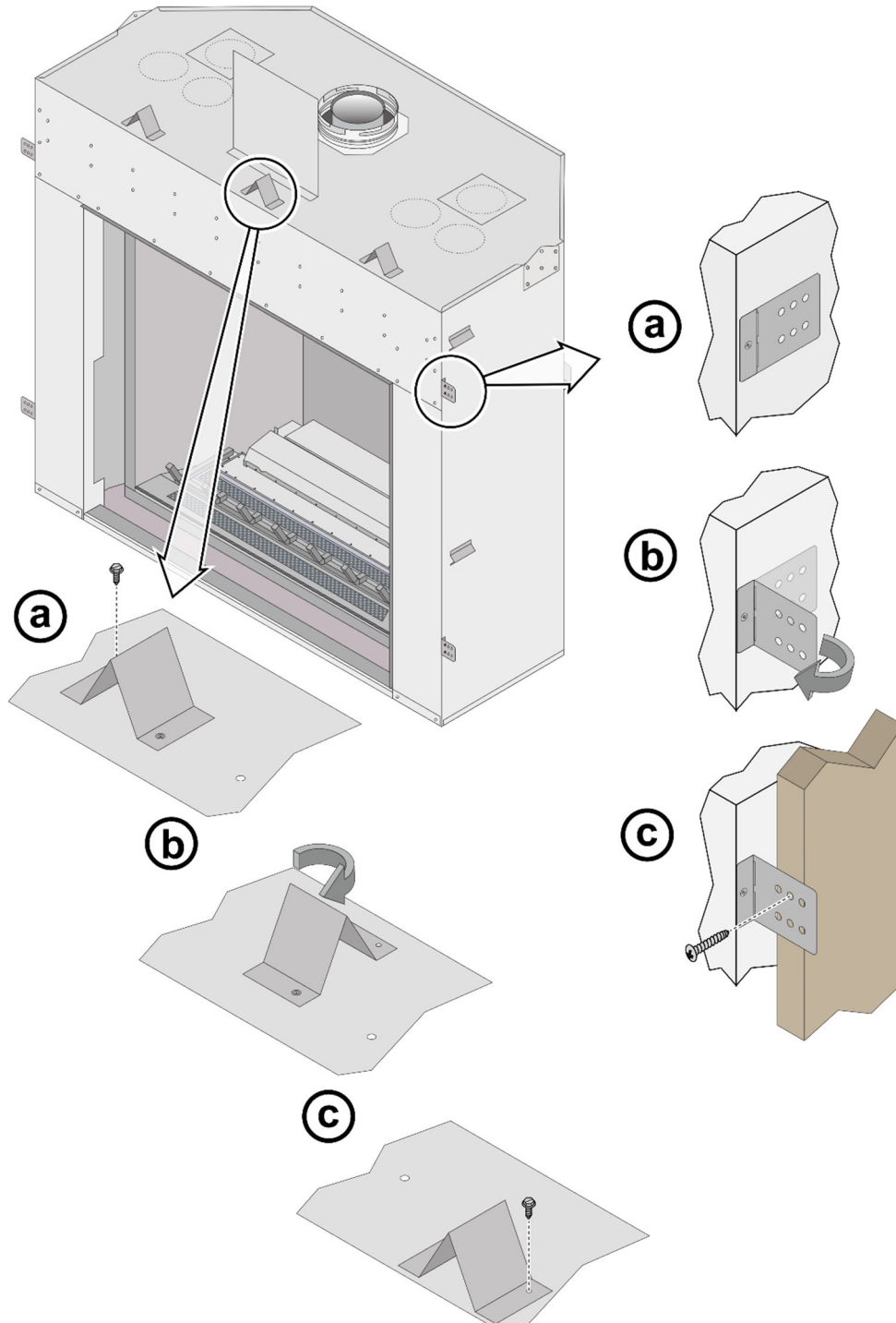
NOTE: Make sure the fireplace is square and plumb when placed in the framing. Measured corner-to-corner the fireplace should be square. Use shims to ensure the fireplace is square.



Nailing Brackets – Extended Install (Slab Over)

The fireplace has three (3) nailing brackets on each side. In the “extended” position, the brackets are 1/2” (13mm) from the front edge of the fireplace (see illustration below). This allows slab material, such as marble, granite, or other natural stone slabs to be placed over the fireplace and surrounding drywall (see “Facing Requirements” for details). Once the fireplace is properly placed, secure the fireplace to the framing (rotate the nailing brackets as shown below).

NOTE: Make sure the fireplace is square and plumb when placed in the framing. Measured corner-to-corner the fireplace should be square. Use shims to ensure the fireplace is square.



Corner Installations

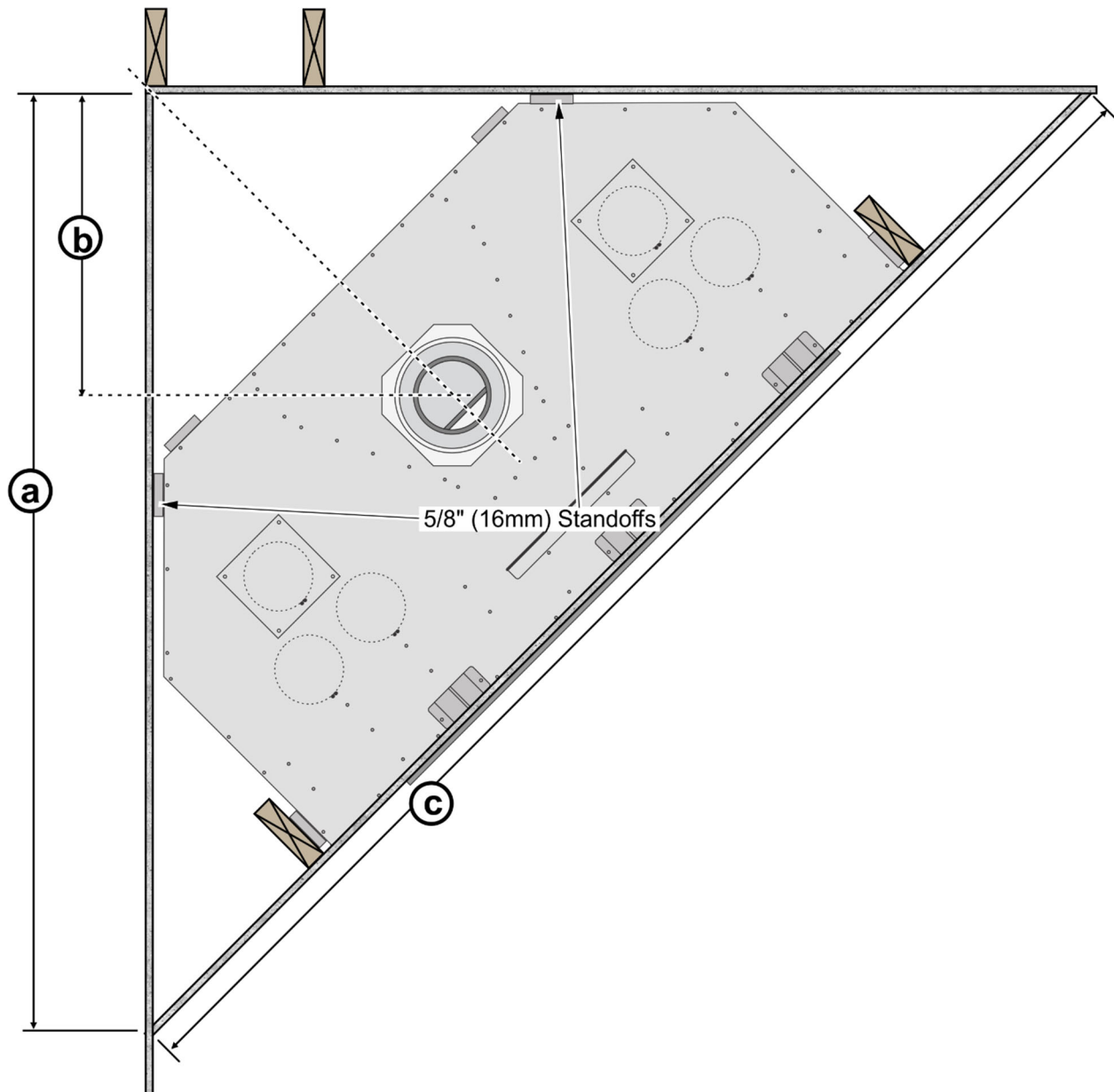
Approximate framing dimensions for 45° installations are shown below. Additional space may be required for vent installation depending on the framing location and other site-specific conditions.

(a) 68-3/4" (1747mm)*

(b) 22-1/4" (566mm)

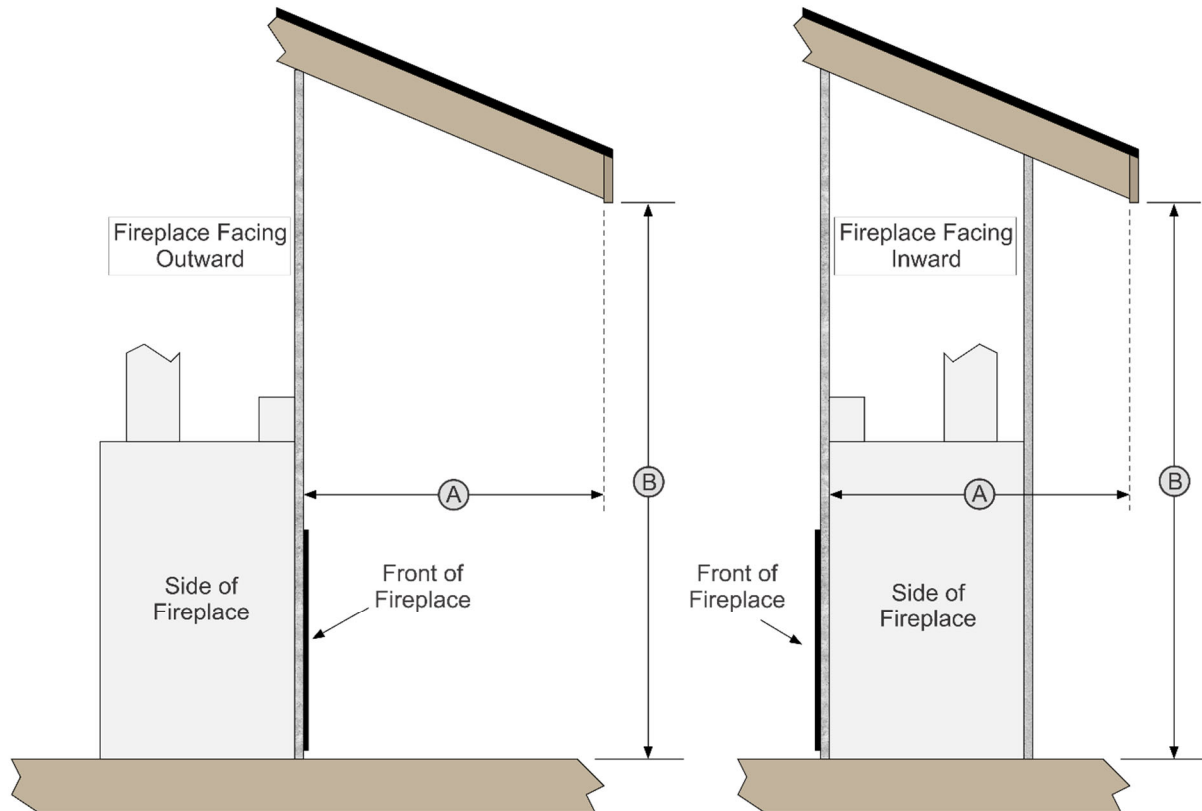
(c) 97-1/4" (2471mm)

* These dimensions are for "Standard" installations.



Outdoor Fireplace Installations

Travis Industries Inc. gas-fired fireplaces are suitable for installation into outdoor areas protected from direct water impingement. In addition to maintaining listed mantel and combustibles clearances, a rain protection overhang factor of 1/2 shall be constructed to the front and to each side of installed appliances (see the illustration to the right). All wiring connections to line power shall be in accordance with the outdoor requirements of NECA NFPA 70.



The overhang (A) must extend at least 1/2 the roofline height (B). Height is measured from the base of the fireplace.

For example: If the roofline (B) is 10' (3M) above the base of the fireplace, the overhang (A) must be at least 5' (1.5M)

Travis Industries is not responsible for any damage caused by water, corrosion, oxidation, or rust to the fireplace, its components, or any optional accessories (e.g. faces, trim, firebacks, etc.)

Gas Line Requirements**MASSACHUSETTS INSTALLATIONS - WARNING:**

THIS PRODUCT MUST BE INSTALLED BY A LICENSED PLUMBER OR GAS FITTER WHEN INSTALLED WITHIN THE COMMONWEALTH OF MASSACHUSETTS.

OTHER MASSACHUSETTS CODE REQUIREMENTS:

- Flexible connector must not be longer than 36 inches.
- Shutoff valve must be a "T" handle gas cock.
- Only direct vent sealed combustion products are approved for bedrooms or bathrooms.
- Fireplace dampers must be removed or welded in the open position prior to the installation of a fireplace insert or gas log.
- A carbon monoxide (CO) detector is required in the same room as the 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.
- 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 (3.5 kPa). For pressures under 1/2 psig (3.5 kPa), 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.
- This unit has been listed using the included internal gas shutoff valve.

Fuel

- This fireplace is designed either for natural gas or for propane (but not for both).

Gas Line Connection

- Installation must be performed by a qualified installer, service agency, or the gas supplier (In Massachusetts a licensed plumber/gasfitter).

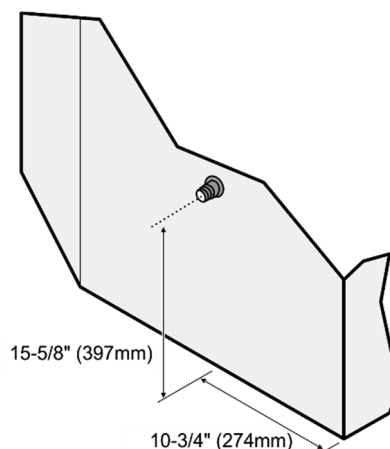
Gas Inlet Pressure

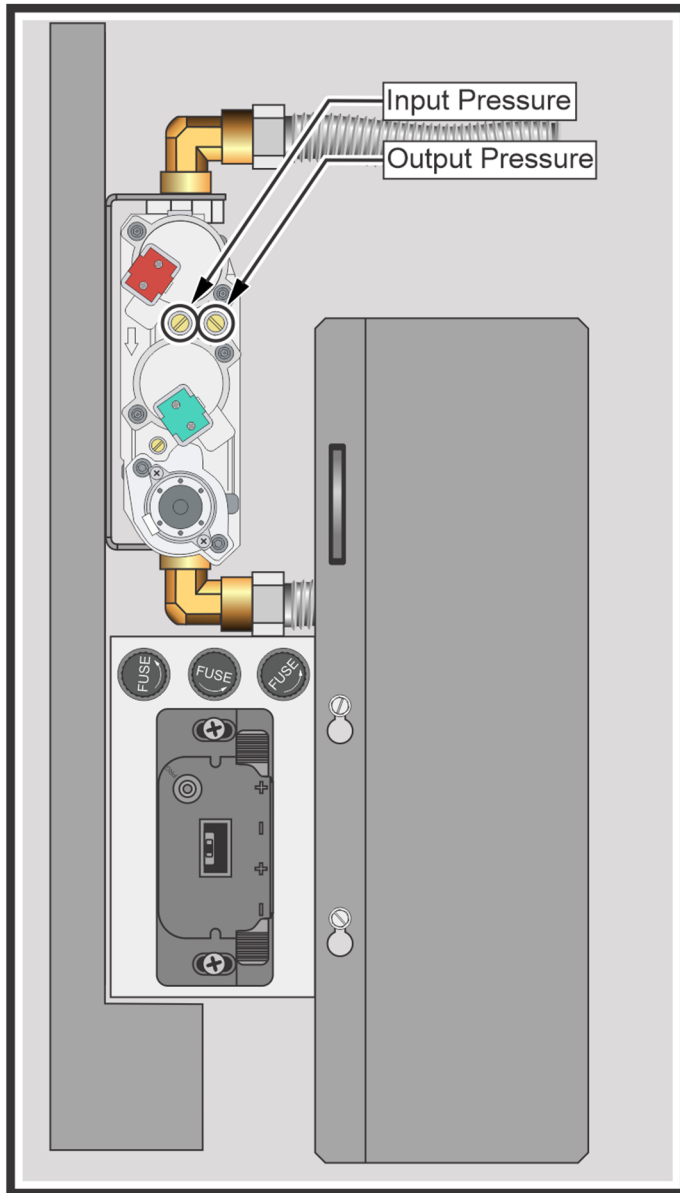
	Maximum Input Pressure	Minimum Input Pressure
Natural Gas	7" W.C. (1.74 kPa)	5.5" W.C. (1.37 kPa)
Propane	13" W.C. (3.23 kPa)	11" W.C. (2.74 kPa)

- 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 the propane tank) should supply gas at the input pressure listed above. Contact the local gas supplier if the regulator is at an improper pressure.

Gas Line Location

The gas line is located on the left side of the appliance in the location shown below. The gas inlet accepts a 1/2" FPT.





Directions for Connecting a Gas Pressure Test Gauge

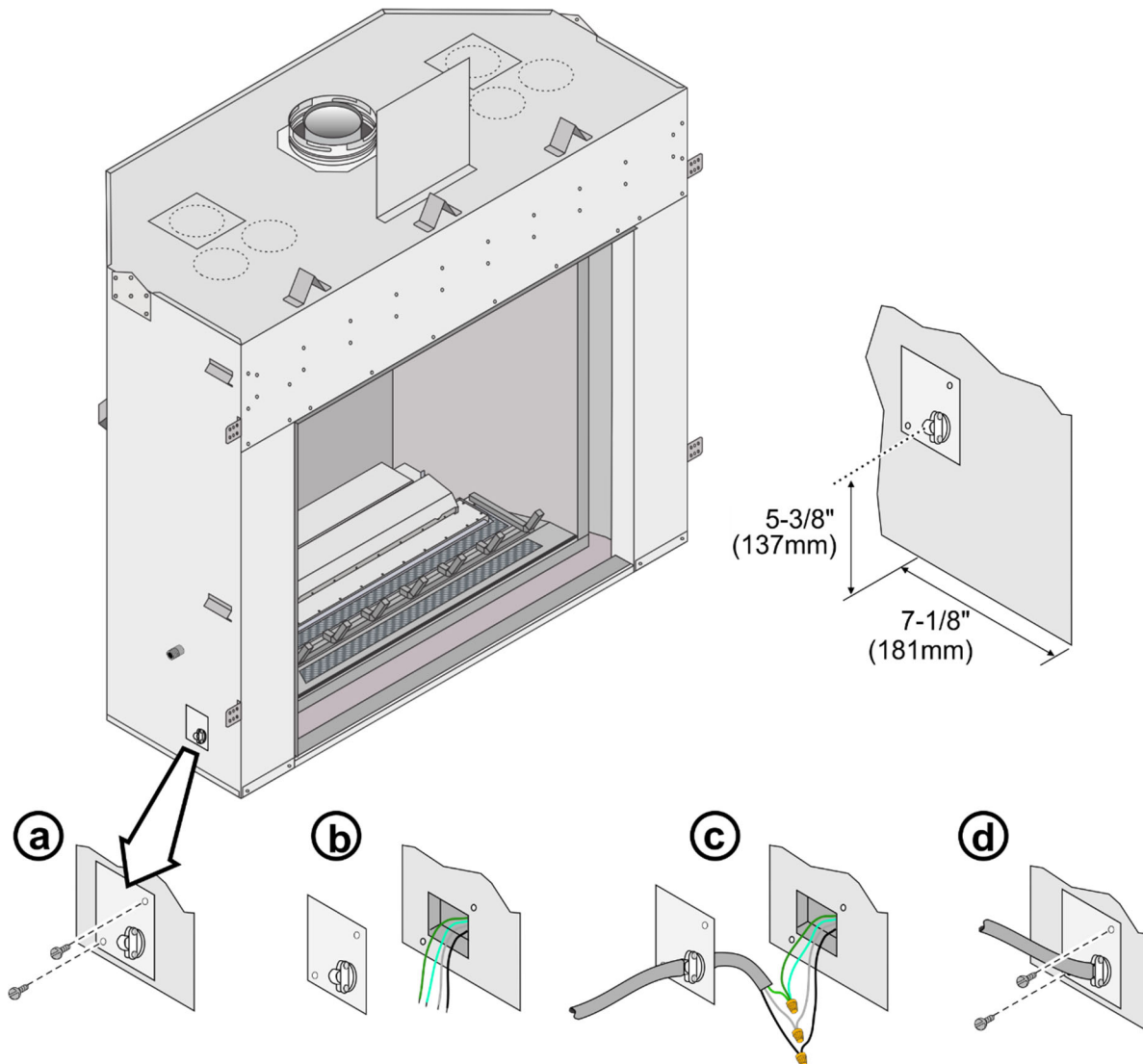
The gas control valve (shown to the left) has two accessible ports for testing line pressure and output pressure. Loosen the brass screw on either test port and place a 5/16" i.d. rubber or plastic tubing over the tapered test port. Connect the tubing to the test gauge.

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

Electrical Connection

- The electrical line must be connected to the wires inside the junction box (hot, common, and 2 ground wires) by a qualified installer or electrician and must meet all local codes.
- Make sure the household breaker is shut off prior to working on any electrical lines.
- The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.
- The electrical line must be a min. 14 gauge, and supply 120 Volts, 60 Hz (typical max amps: 5).
- Route the electrical connection through the ZC cover plate and junction box cover plate and attach to the hookup wires pictured below.

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



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.

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.

Vent Clearances

Minimum Clearance to Vent	1" (25mm)
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Vertical Penetrations Require Vent Firestop

- A firestop (58DVA-FS) is required whenever the vent penetrates a ceiling, roof, or other horizontal structure (passes through framing members).

Horizontal Penetrations Require Thimble

- A wall thimble (58DVA-WT) is required whenever the vent penetrates a wall or other vertical structure (passes through framing members).

Altitude Considerations

- This fireplace has been tested at altitudes ranging from sea level to 6,000 feet (1800 M). In this testing we have found that the fireplace, with its standard orifice, burns correctly with just an air shutter adjustment.
- 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.

Approved Vent

- Use 8" diameter Simpson Dura-Vent Model Direct-Vent Pro (or GS)*.
 - Installation instructions for Simpson Dura-Vent may be found at www.duravent.com.
- * Other vent may be approved with this fireplace. Check with the vent manufacturer for details).

Approved Vent Terminations

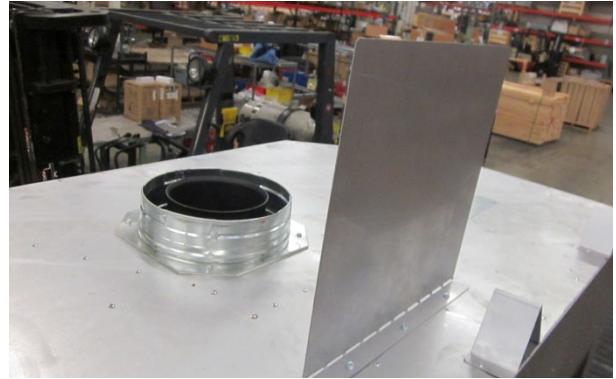
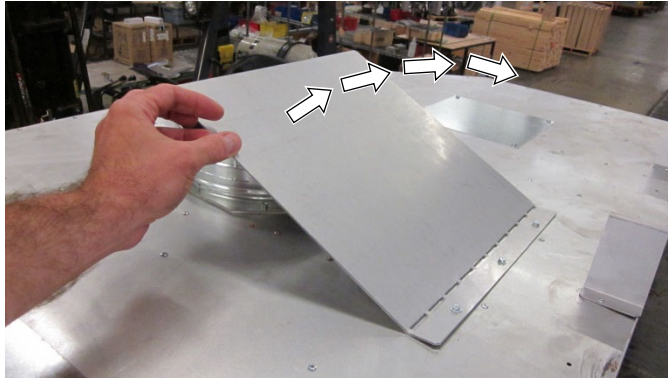
- Horizontal terminations require the high-wind cap (58DVA-HC), vinyl standoff (58DVA-VSS)(on combustible walls only), and the horizontal termination shield (included with the fireplace). **The high-wind scone cap and the snorkel cap are not allowed.**
- **The Vinyl standoff is not required to be used when the horizontal termination is installed on non-combustible walls.**
- Vertical terminations require the high-wind cap (58DVA-VCH).

Vent Installation

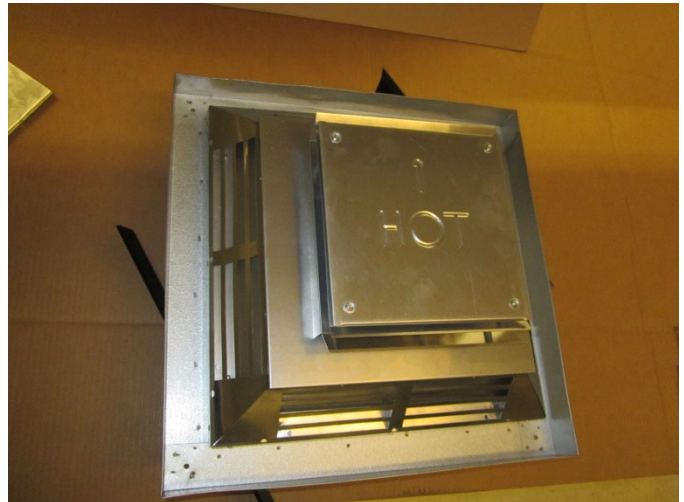
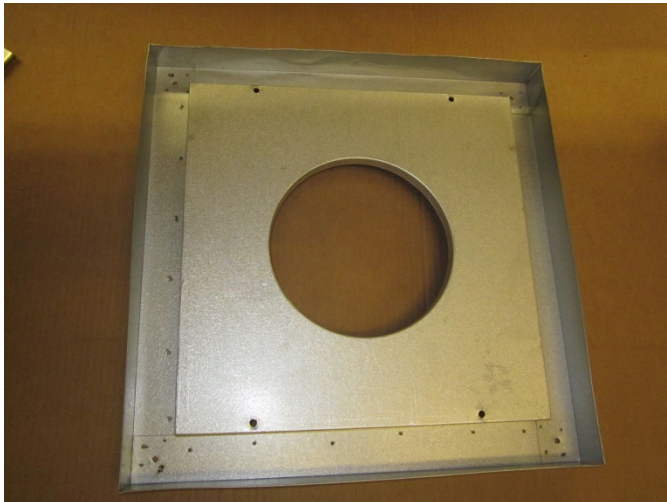
- Slide the vent sections together and turn 1/4 turn until the sections lock in place.
- Screws are not required to secure the vent. However, three screws may be used to secure vent sections together if desired.
- High temperature sealant is recommended at the appliance starter section connection (use high-temperature silicone or Mill-Pac®).
- If disassembly is required, at the 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" (6mm) rise every 12" (305mm) of travel.
- Horizontal sections require non-combustible support every three feet (e.g.: plumbing strap).

Vertical Pipe Shield

Bend vertical pipe shield up to a vertical position as shown below.

**Horizontal Terminations Require Vinyl Standoff and Termination Shield (on Combustible walls only)**

Every horizontal termination on combustible walls requires a vinyl standoff (even if the siding is not vinyl).



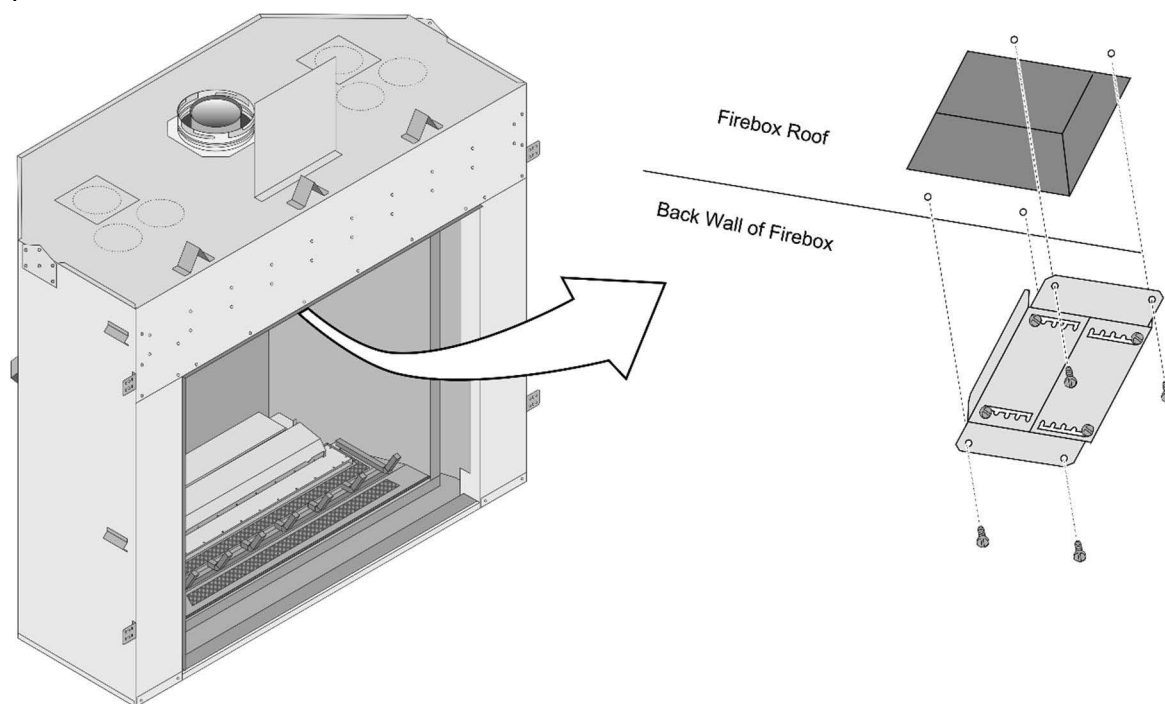
Attach the horizontal termination shield to the top of the horizontal termination as shown below (use the 4 included self-drilling screws). Note how the screws are installed from the top down.



Exhaust Restrictor

Depending upon the vent configuration, the exhaust restrictor may need to be installed (see vent configurations for details).

If the restrictor is required, install it into the firebox roof as shown below. The restrictor is shipped pre-assembled in position # 1

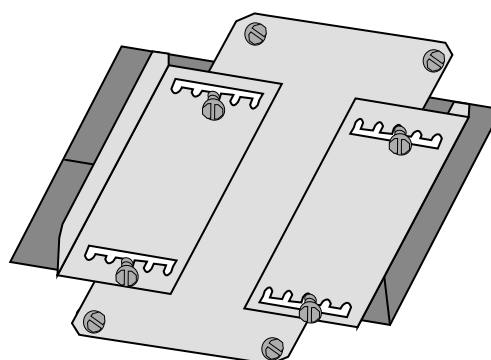
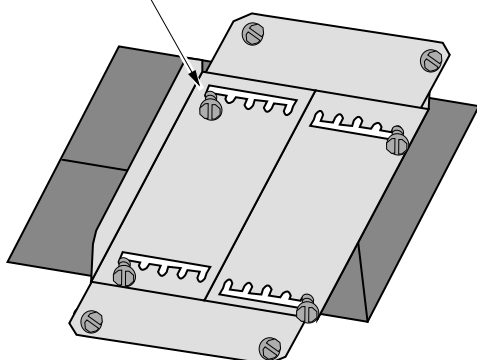


To adjust the restrictor to a different position, loosen the 4 screws holding the adjuster plates in place. Slide the to the correct notch (each notch is sequential, position # 1 through 5). Tighten the screws to secure the adjuster plates.



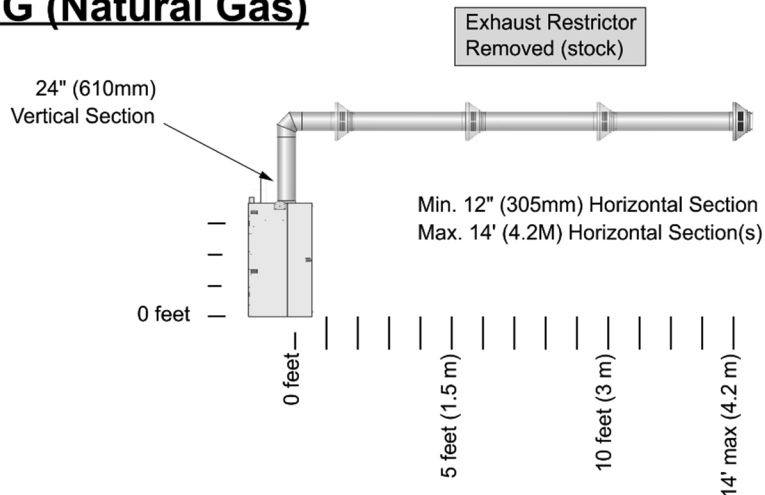
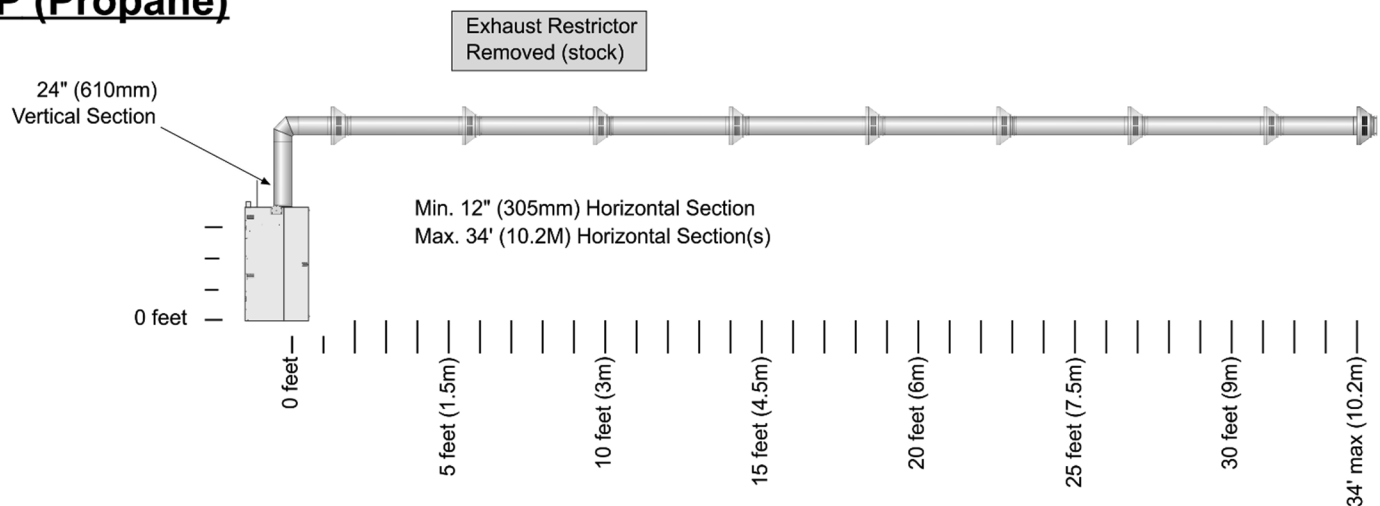
1/4" Nutdriver

This restrictor is in position #3.



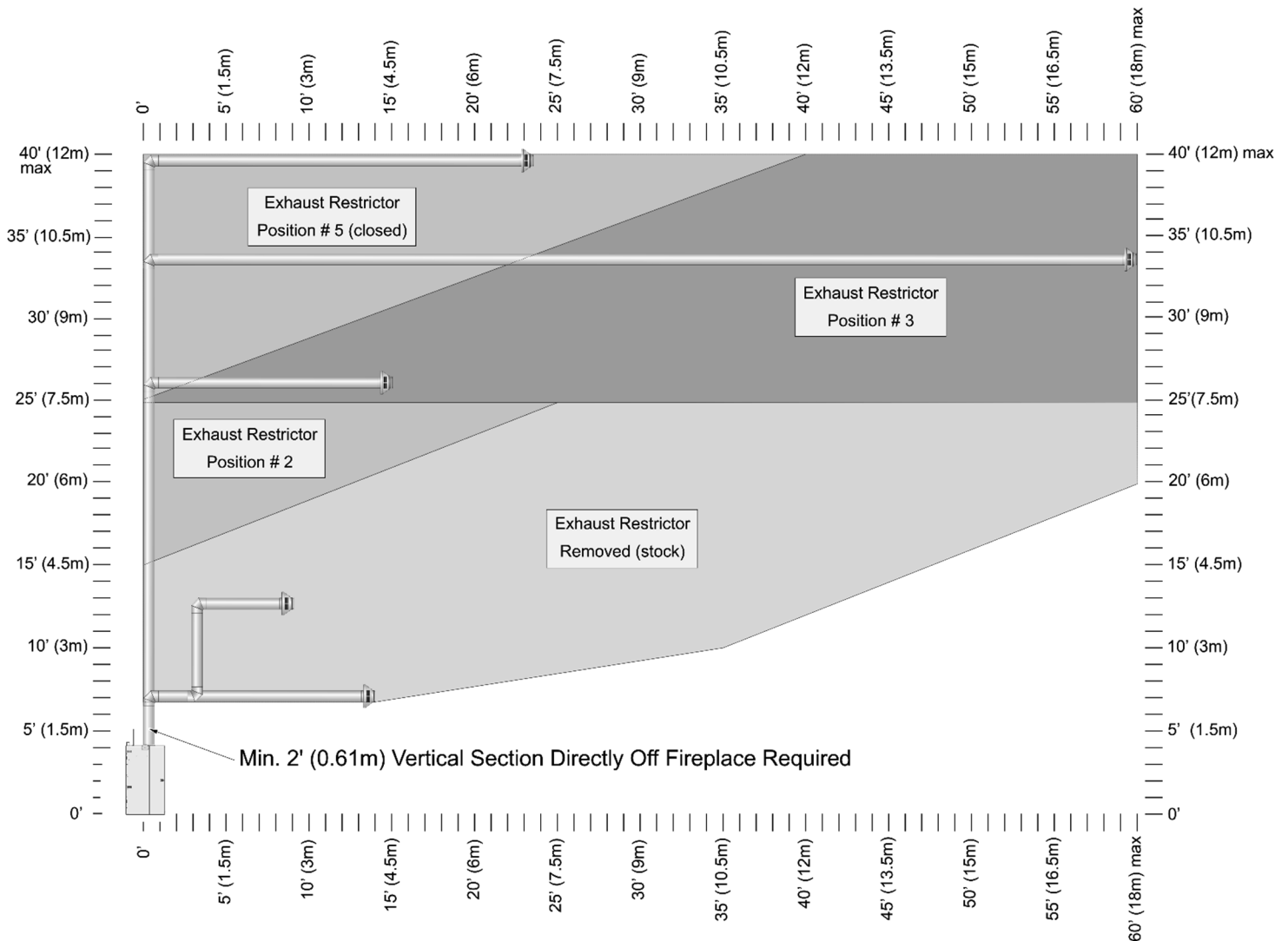
Minimum Vent Configuration

- **Use 5x8" Diameter Coaxial Vent**
- **You must use a 24" vertical section directly off the top of the fireplace followed by a 90° elbow.**
- The termination must fall within the shaded area shown in the charts below. Use the indicated restrictor positions.
- One elbow (30° or 45°) may be used on the horizontal run.

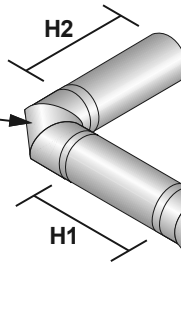
NG (Natural Gas)**LP (Propane)**

Vent Configuration: Horizontal Terminations using NG

- The termination must fall within the shaded area shown in the chart below.
- A maximum of 3 elbows (30°, 45°, 60°, or 90°) may be used. Only 1 elbow may be a horizontal elbow (see illustration below).
- Horizontal terminations require the high-wind cap (58DVA-HC), vinyl standoff (58DVA-VSS)(on combustible walls only), and the horizontal termination shield (included with the fireplace).
- **The high-wind scone cap is not allowed.**
- **The Snorkel cap is not allowed.**



This is considered a horizontal elbow (it doesn't matter whether it turns right or left). It may be a 30°, 45°, 60°, or 90° elbow.

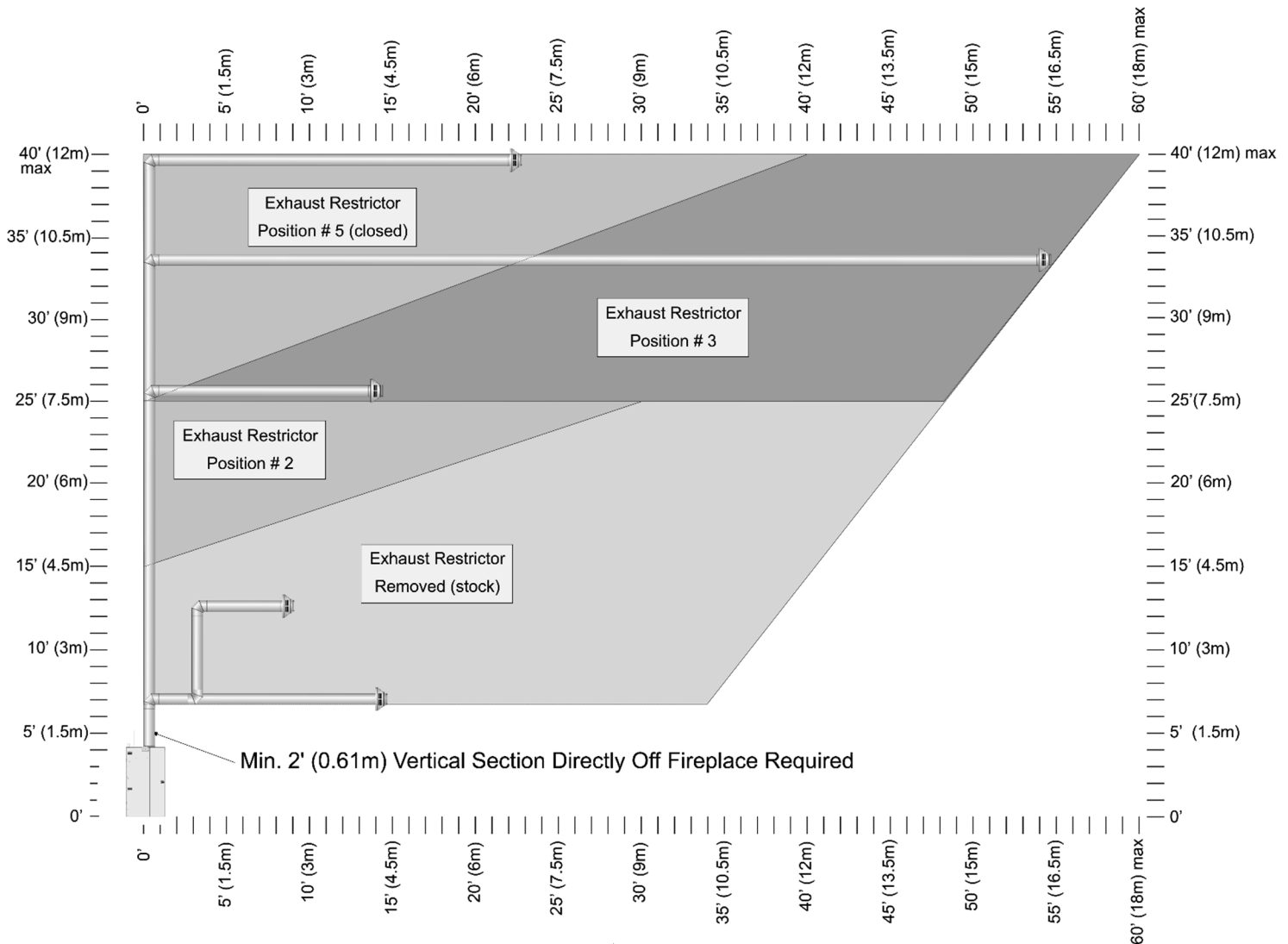


Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).

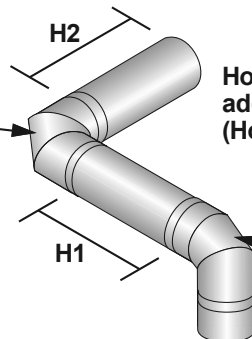
This is considered a vertical elbow.

Vent Configuration: Horizontal Terminations using LP

- The termination must fall within the shaded area shown in the chart below.
- A maximum of 3 elbows (30°, 45°, 60°, or 90°) may be used. Only 1 elbow may be a horizontal elbow (see illustration below).
- Horizontal terminations require the high-wind cap (58DVA-HC), vinyl standoff (58DVA-VSS) (on combustible walls only), and the horizontal termination shield (included with the fireplace).
- **The high-wind scone cap is not allowed.**
- **The Snorkel cap is not allowed.**



This is considered a horizontal elbow (it doesn't matter whether it turns right or left). It may be a 30°, 45°, 60°, or 90° elbow.

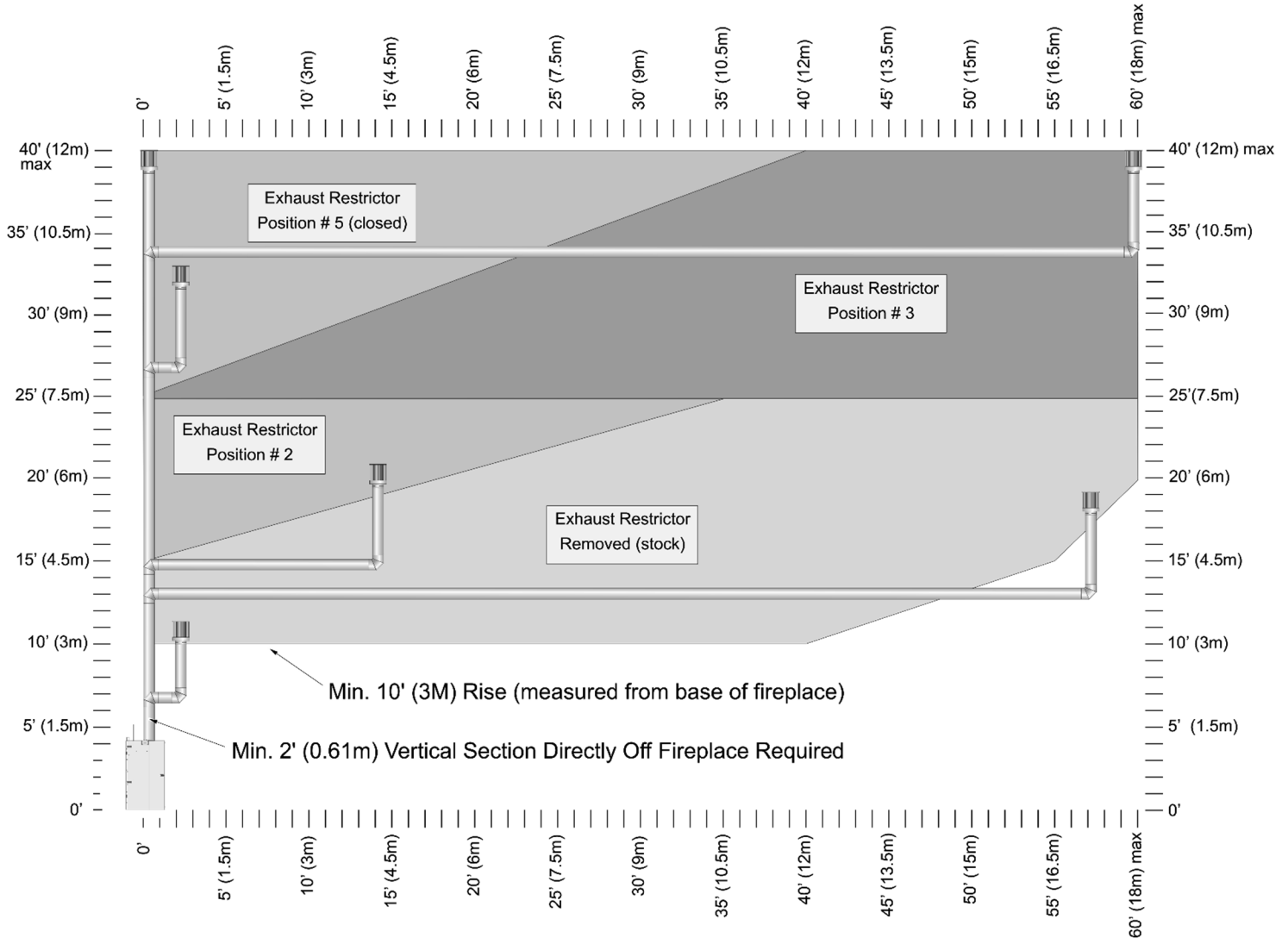


Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).

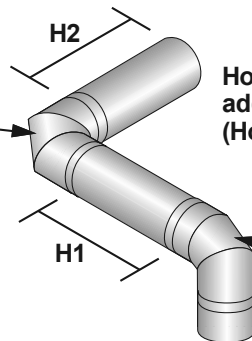
This is considered a vertical elbow.

Vent Configuration: Vertical Terminations using NG

- The termination must fall within the shaded area shown in the chart below.
- A maximum of 3 elbows (30°, 45°, 60°, or 90°) may be used. Only 1 elbow may be a horizontal elbow (see illustration below).
- Vertical terminations require the high-wind cap (58DVA-VCH).



This is considered a horizontal elbow (it doesn't matter whether it turns right or left). It may be a 30°, 45°, 60°, or 90° elbow.

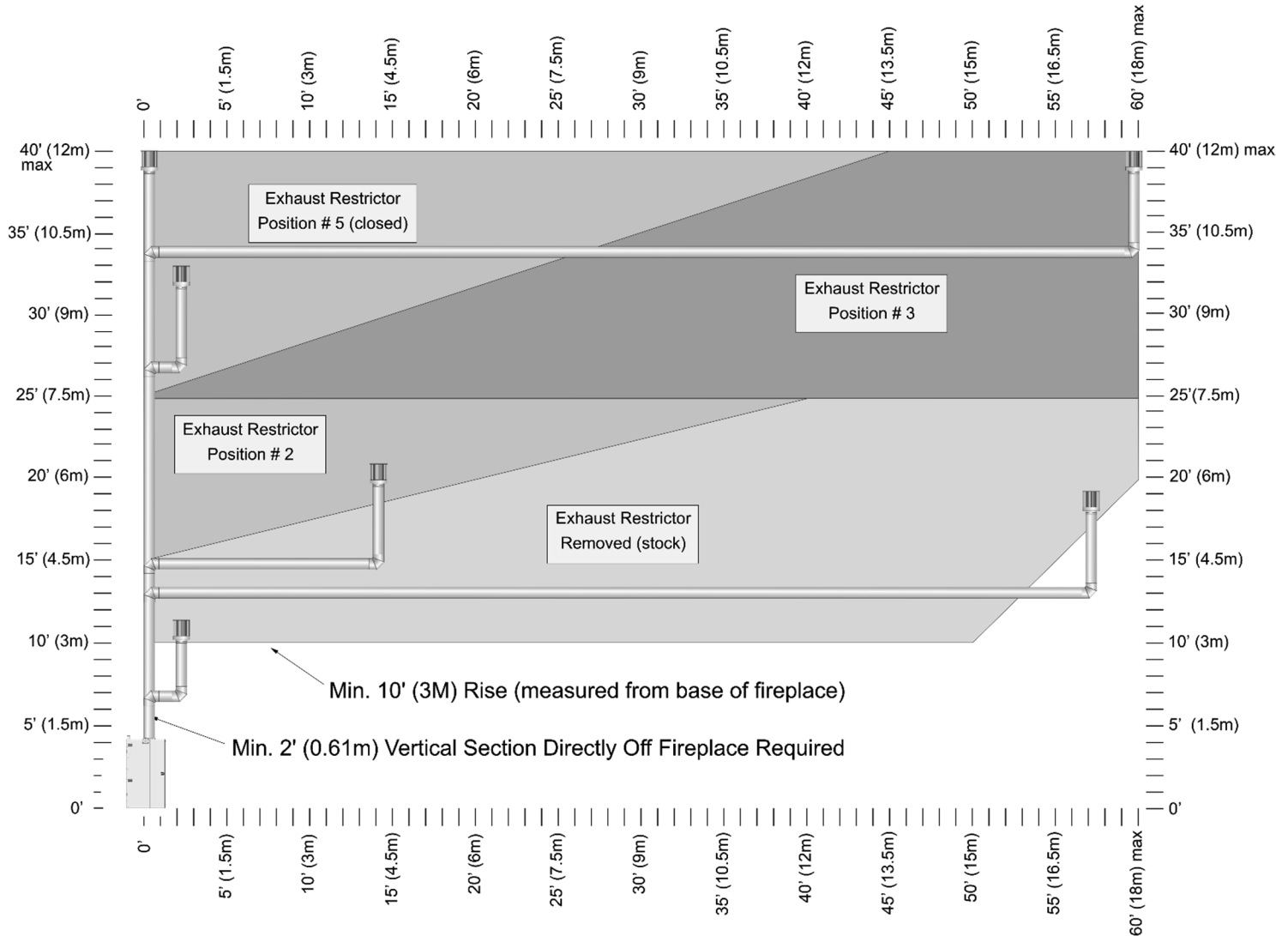


Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = $H1 + H2$).

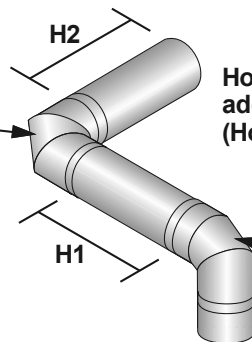
This is considered a vertical elbow.

Vent Configuration: Vertical Terminations using LP

- The termination must fall within the shaded area shown in the chart below.
- A maximum of 3 elbows (30°, 45°, 60°, or 90°) may be used. Only 1 elbow may be a horizontal elbow (see illustration below).
- Vertical terminations require the high-wind cap (58DVA-VCH).



This is considered a horizontal elbow (it doesn't matter whether it turns right or left). It may be a 30°, 45°, 60°, or 90° elbow.

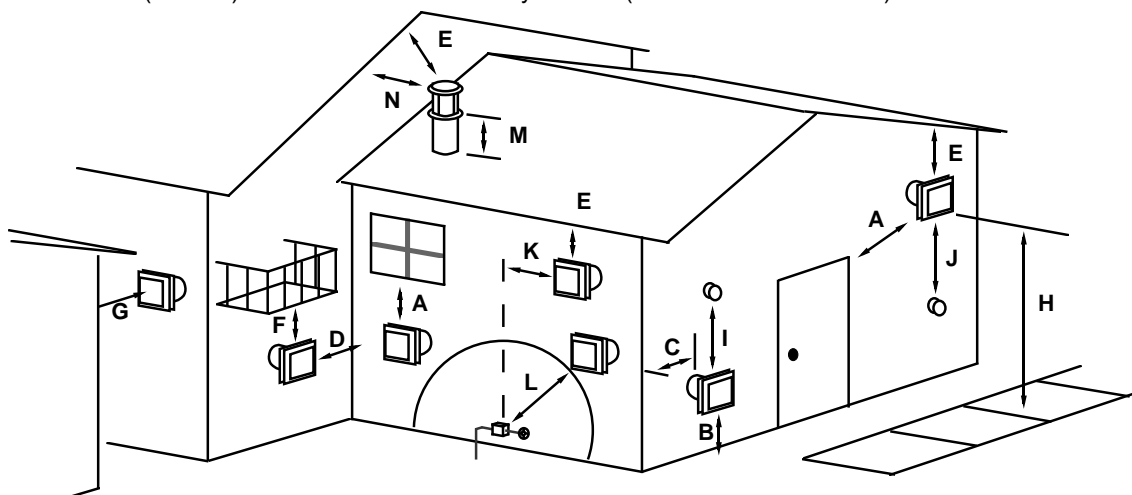


Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).

This is considered a vertical elbow.

Termination Requirements

- ! **Vertical terminations require the high-wind cap (58DVA-VCH)**
- ! **Horizontal terminations require the high-wind cap (58DVA-HC), vinyl standoff (58DVA-VSS)(on combustible walls only), and the horizontal termination shield (included with the fireplace).**
- ! **Venting terminals shall not be recessed into a wall or siding.**
 - A Minimum 12" (305mm) clearance from any door or window that may be opened
 - 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 6" (153mm) from inside corner walls (measure from edge of vinyl standoff)
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.
 - E Minimum 12" (305mm) clearance below unventilated soffits or roof surfaces
Minimum 24" (610mm) clearance below ventilated soffits
Minimum 12" (305mm) 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 12" (305mm) clearance to any non-mechanical air supply inlet to the building or the combustion air inlet to any other appliance.
 - J USA = Minimum 36" (914mm) clearance above any mechanical air supply inlet if within 10' (3M) horizontally
CANADA = Minimum 72" (1.83M) clearance from mechanical air supply inlet
 - 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 roofline (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.

- Vent termination must not be located where it will become plugged by snow or other material

Hearth Requirements

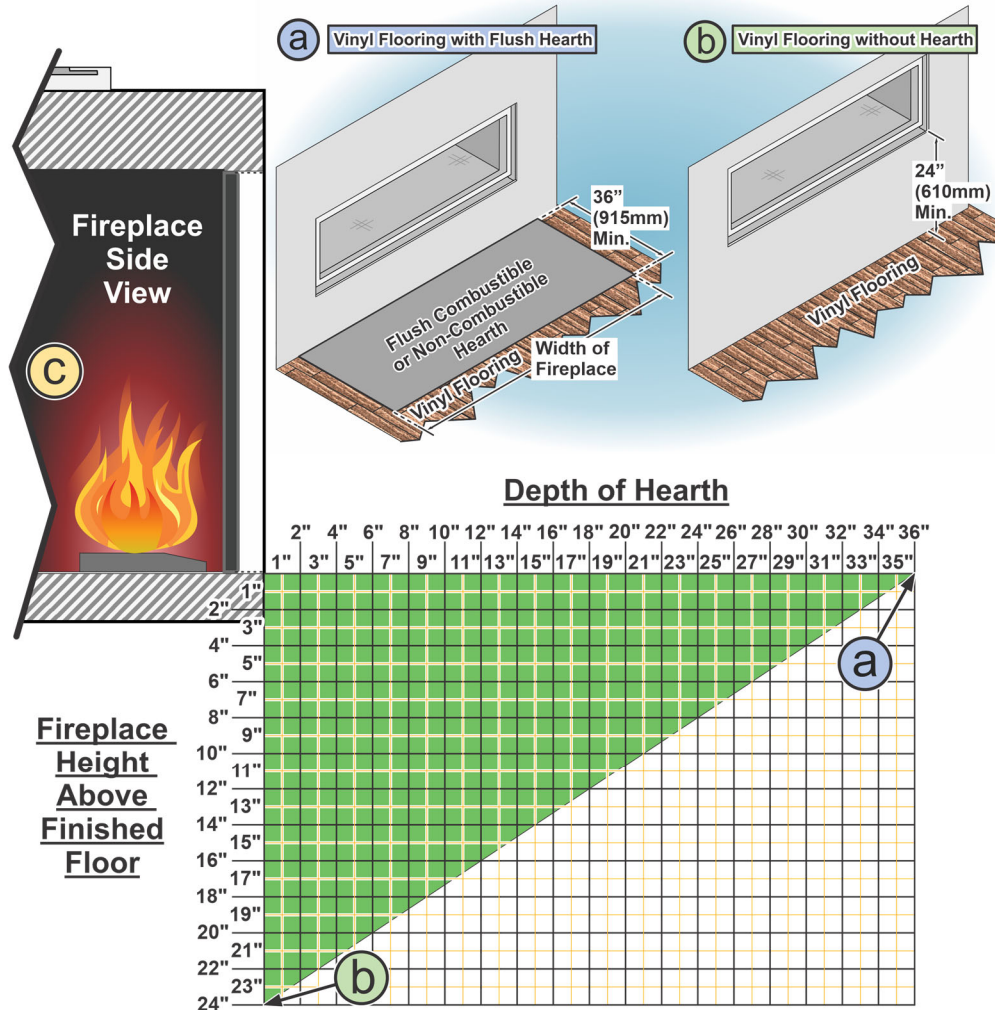
A hearth is not required for this fireplace. If a hearth is installed, the finished surface of the hearth must not extend above the glass opening - 1" (26mm) above the base of the fireplace. The hearth may be combustible or non-combustible.

Vinyl Flooring Hearth Recommendations

Vinyl flooring such as Luxury Vinyl Plank (LVP), Luxury Vinyl Tile (LVT), and other vinyl flooring can be sensitive to radiant heat and changes in temperature. If using vinyl flooring, we recommend installing the fireplace following the guidelines below. If these recommendations are not followed, the heat from the fireplace may cause discoloration, warping or other negative impacts.

NOTE: If using one of the hearth options, make sure to maintain the gap recommended by the manufacturer between the flooring and the hearth. Seal the gap with a flexible caulk to allow for expansion and contraction of the flooring.

a	b	c
Install the fireplace at floor level with a 36" (915mm) deep flush hearth (either combustible or noncombustible). The minimum width of the hearth is equal to the width of the outer zero-clearance box of the fireplace	Elevate the fireplace opening 24" (610mm) above the vinyl floor and no hearth is required. The vinyl flooring can be installed up to the wall.	Determine the height that the fireplace opening will sit above the finished floor and use the chart to the right to determine the minimum recommended hearth depth.



Imperial to Metric Conversion Chart																		
Inch	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"
mm	25	51	77	102	127	153	178	204	229	254	280	305	331	356	381	407	432	458
Inch	19"	20"	21"	22"	23"	24"	25"	26"	27"	28"	29"	30"	31"	32"	33"	34"	35"	36"
mm	483	508	534	559	585	610	635	661	686	712	737	762	788	813	839	864	889	915

Facing Requirements

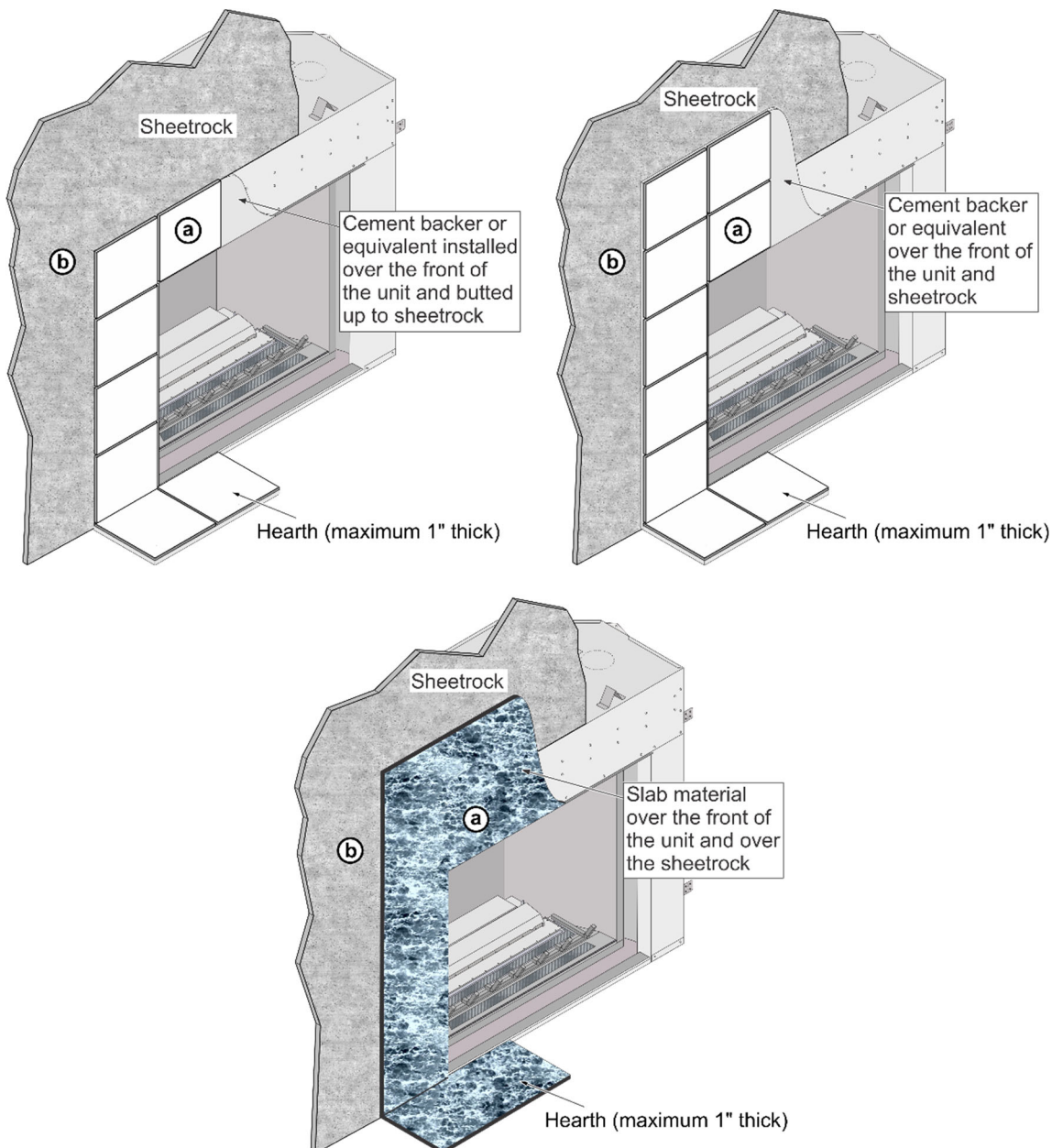
- Only non-combustible (tile, stone, cement board, etc.) may be placed in front of the fireplace (see "a" below).
- Drywall (or other combustibles) may contact the front 1/2" (13mm) of the fireplace along the top and sides (see "b" below). **Do not place drywall in front of the fireplace.**



WARNING: Do not use adhesive, "modified thinset", or any product with a polymer additive to secure facing directly to the fireplace or the walls near the fireplace. The high temperatures near the appliance will cause adhesives to emit odors. Use thinset (also called thinset mortar, thinset cement, dryset mortar, or drybond mortar) to attach the facing.

Thinset Defined: An adhesive mortar made of cement, fine sand, and a water-retaining agent such as an alkyl derivative of cellulose

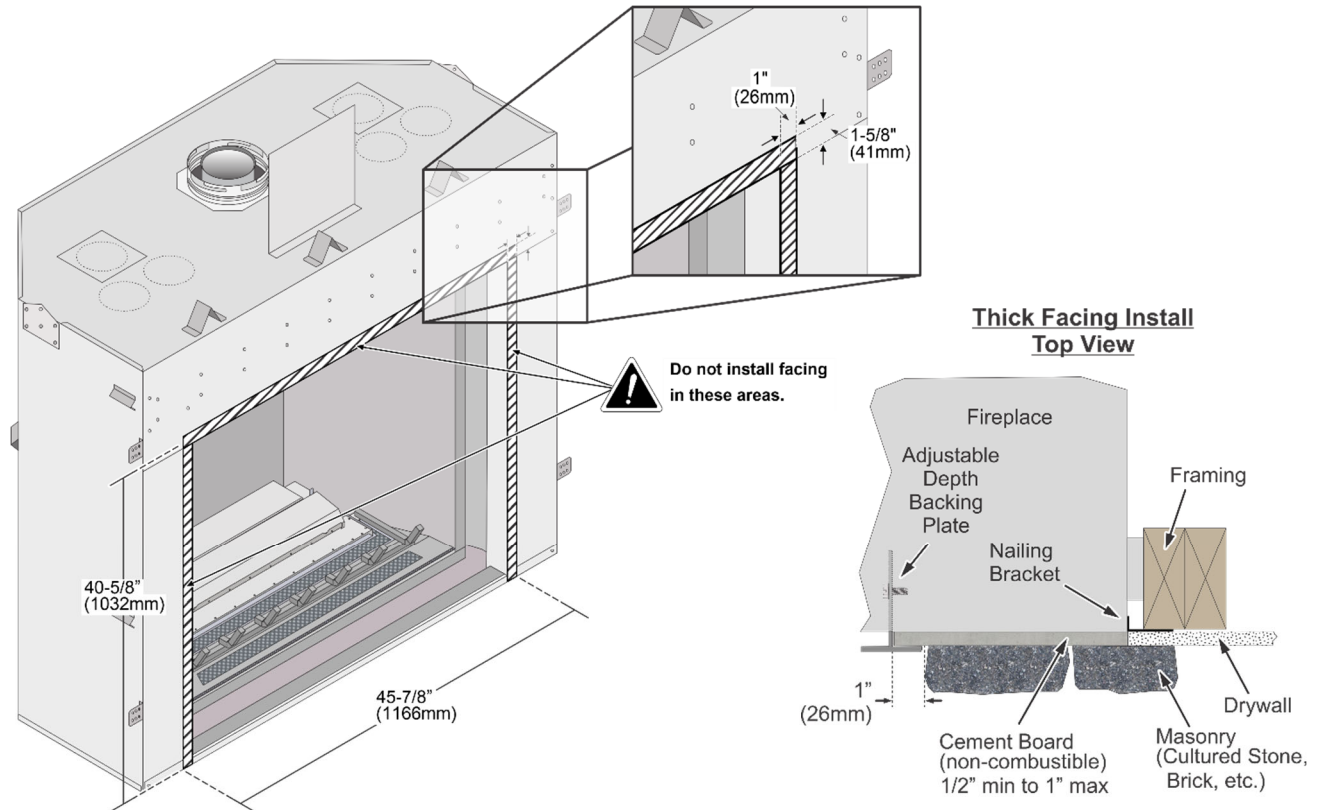
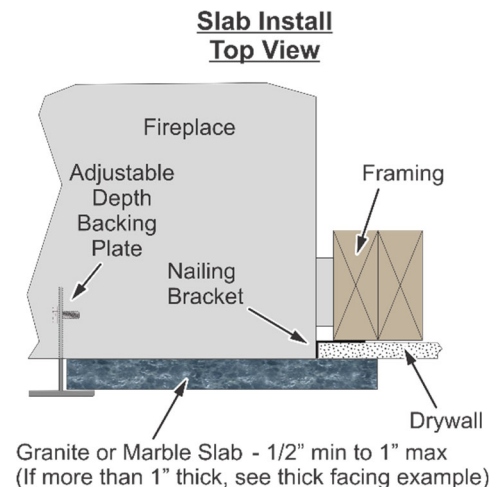
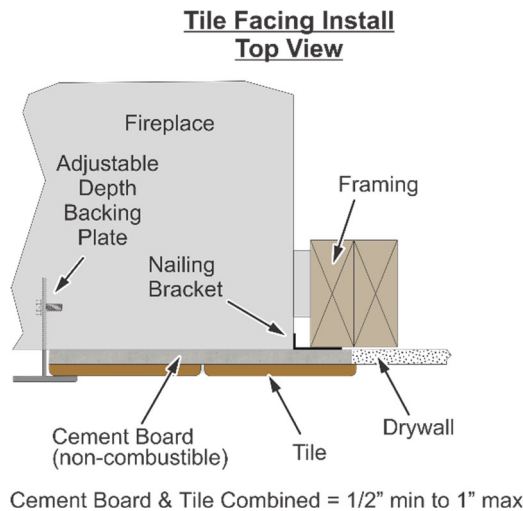
NOTE: Screws may be used to secure cement board or tile backer to the fireplace. Do not penetrate the fireplace more than 1/2" (13mm).



Facing Warning (Ironworks Face Only)

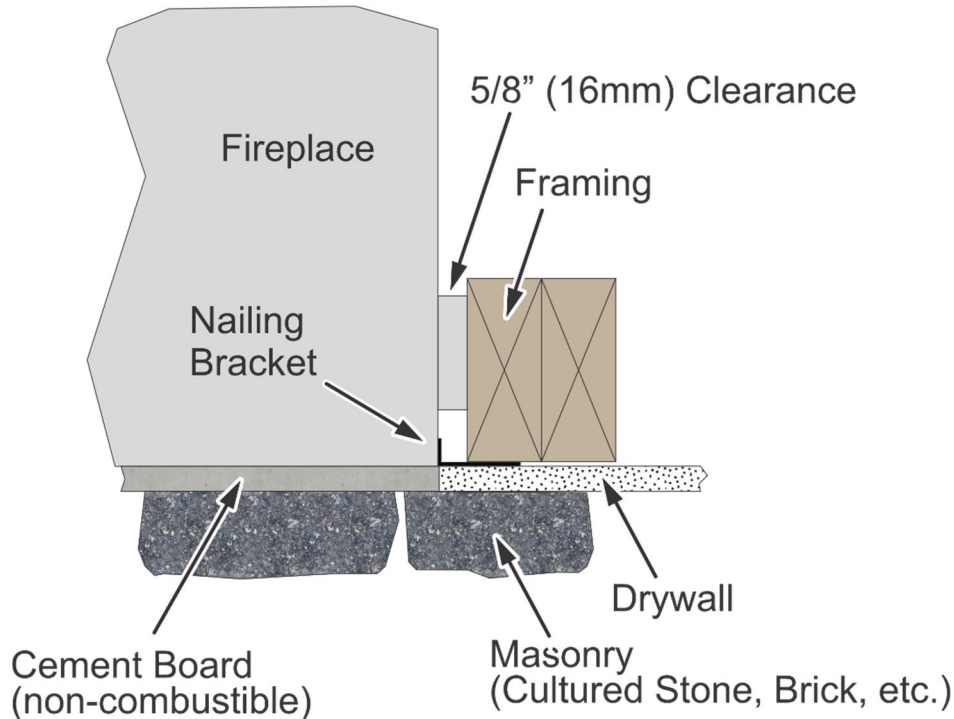
Depending on the finish material being used, the Ironworks face may require the non-combustible facing material to be held back 1" from both sides and 1/8" from the top of the fireplace opening (see illustration below). When using **THICK FACING (More than 1")** failure to maintain this space will keep the backing plate for the face from attaching to the appliance. This only applies to the Ironworks face.

For facing material thicker than 1"
when using the Ironworks Face

**Thin (standard) facing examples**

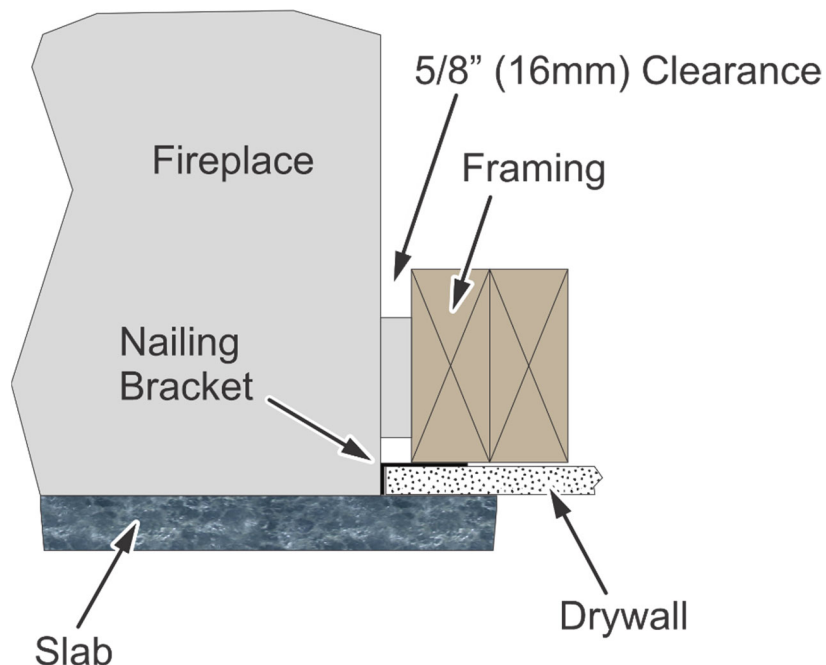
Facing Example –Standard Install

- This type of installation allows for the facing underlayment (such as HardieBacker® cement board or other non-combustible) to butt up to the drywall (see “Facing Requirements” for details). Non-combustible facing (cultured stone, brick, etc.) is then placed over the cement board and drywall.



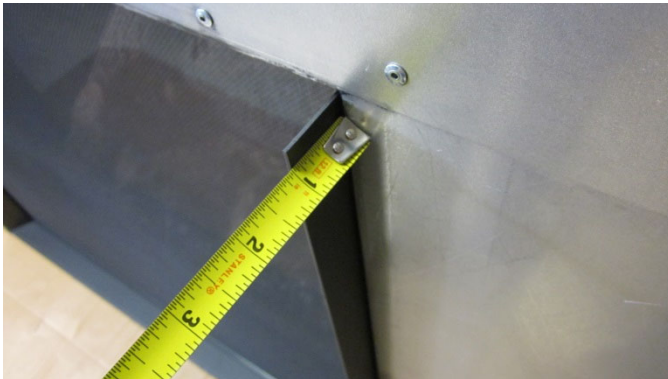
Facing Example – Extended (Slab Over) Install

- This type of installation allows for marble, granite, other natural stone slabs, or other non-combustible material to be placed over the fireplace and surrounding drywall (see illustration below for details).



Adjustable Tile Stop

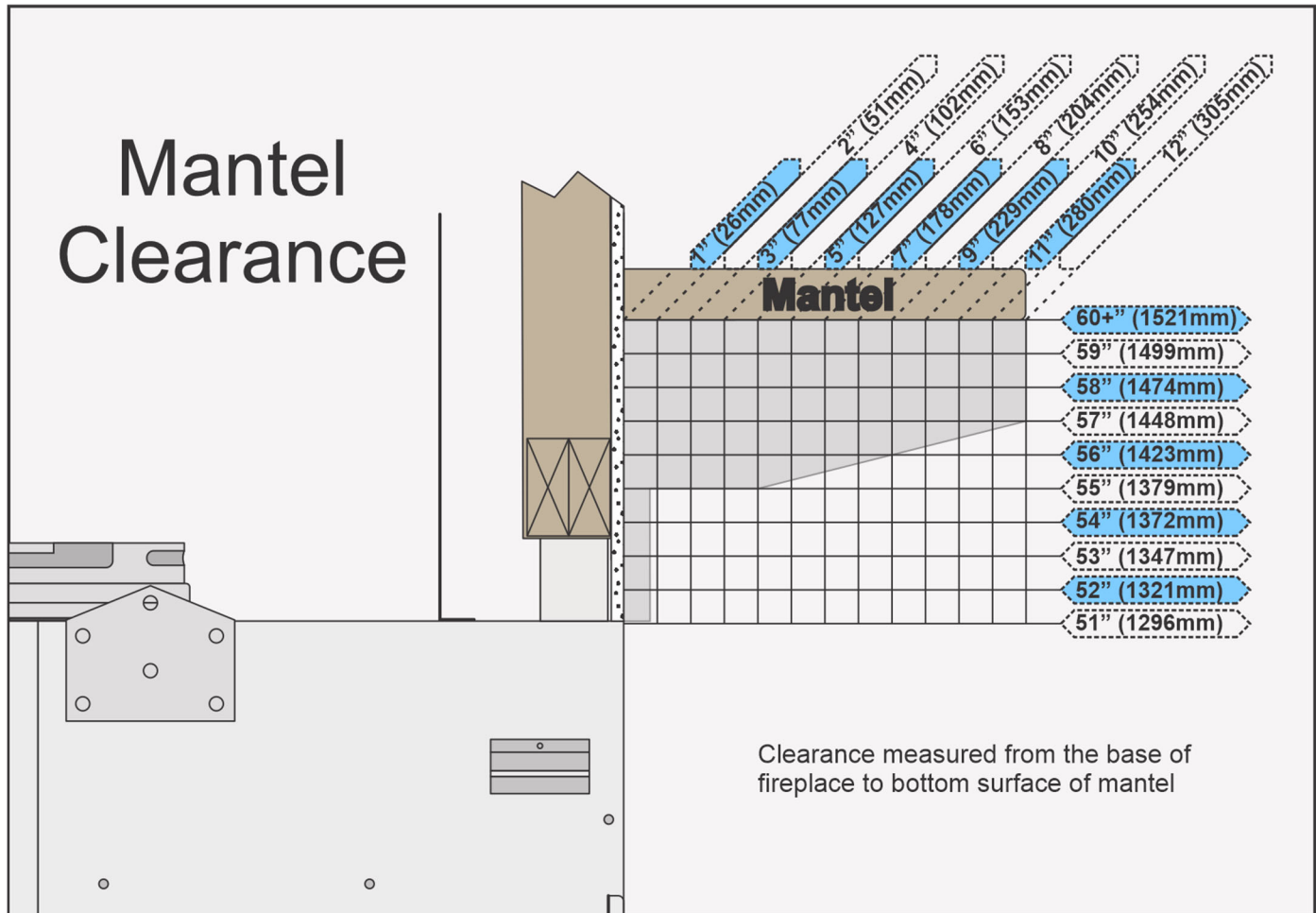
- Adjustable tile stops are included in the screen box. They may be attached to the top and sides of the fireplace opening to form a black edge around the tile opening. Install using the included 18 screws (see photos below). The tile stops may be adjusted from ½" to 1".



Mantel Requirements

COMBUSTIBLE MANTELS

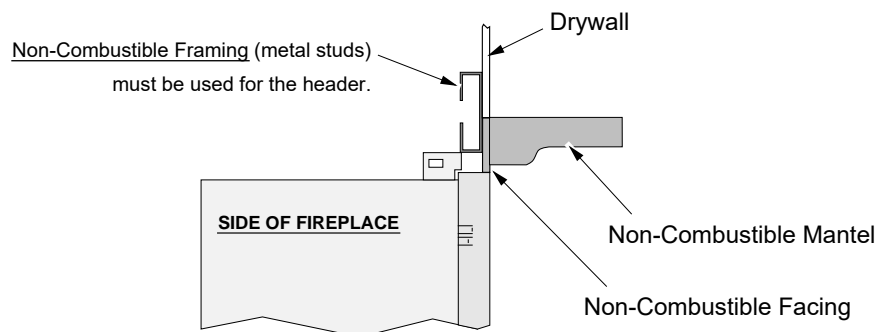
- Combustible mantels may be installed above the fireplace. Use the table below to determine the minimum height for the mantel being used. The mantel depth (measured from the non-combustible facing) must fall within the shaded portion of the table.
- Any combustible material above the fireplace that protrudes more than 3/4" (19mm) from the non-combustible facing is considered a combustible mantel and must meet the mantel requirements.



Non-Combustible Mantels

Non-combustible mantels must meet the clearances listed for combustible mantels. However, if you do wish to reduce the clearances by using a non-combustible mantel, the following requirements must be met:

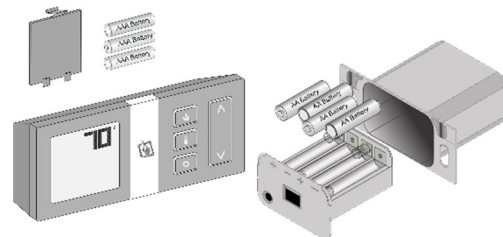
- Non-combustible mantel and facing must extend from the top of the appliance to the top surface of the mantel.
- A non-combustible header must be used (metal stud).



NOTE: If using a CoolSmart TV kit see section "Mantel Clearances with CoolSmart TV" on page 58.

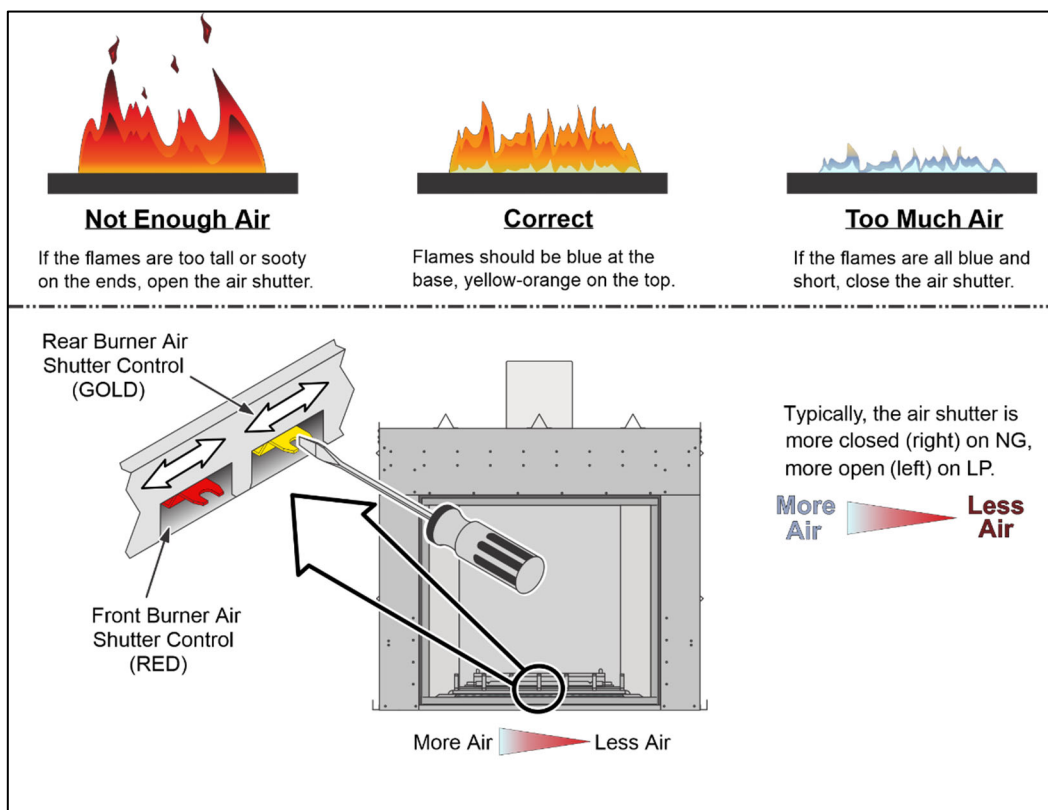
Steps for Finalizing the Installation

1. Remove the glass frame (see page 38).
NOTE: If using propane (LP) convert the appliance prior to installing the logs.
2. We recommend you purge the gas line at this time (with the glass frame removed). This allows gas to be detected once it enters the firebox, ensuring gas does not build up.
3. Install the four AA batteries (see illustration). The AA batteries act as a power backup in case the household (AC) power goes out and is required for operation. Install three AAA batteries into the remote (see illustration). Synchronize the transmitter to the IFC.
4. Install the firebacks (see instructions included with the Firebacks).
5. Install the logs, Ember-Glo™ glass, and embers (see page 41).
6. Replace the glass frame.
7. Start the fireplace.
8. Leak test all gas joints.
9. Check the air shutter following the directions below



Air Shutter Adjustment

Let the heater burn for fifteen minutes (make sure the logs and glass are in place). The flames should be yellow with no sooting. To make adjustments to the air shutters remove the glass (use heat resistant gloves) adjust the shutters as needed and replace the glass. Turn on the fireplace and assess the flame appearance. Repeat as necessary to achieve the proper looking flame.

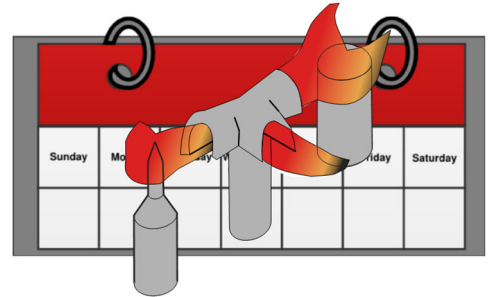


10. In manual mode on the remote, turn the flame height to the highest setting - the flames should not contact the top of the firebox. Check the flame on low position. The flames should burn off each burner hole. If the heater does not work correctly, contact your Travis dealer for assistance.
11. Give this manual to the homeowner for future reference and fully explain operation of this heater. For comprehensive operating and maintenance instructions, refer to the Owner's Manual

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 plated face may develop a permanent tarnish when the acid evaporates over time. Contact your dealer if uncertain your facing has been properly neutralized.

Pilot Fuel Conservation Timer (GSB & GSR units)**Day Pilot Shutoff Timer (applies to units in CPI mode only)**

This appliance may be equipped with a 7 day pilot shutoff timer. This timer helps conserve fuel and save money by turning the pilot off when the appliance is not used for 7 days (this timer is mandated in certain areas for conservation purposes). This applies only when the unit is in CPI (Continuous Pilot Ignition) mode. If the unit is in IPI (Intermittent Pilot Ignition) mode, the timer does not apply.



When in CPI mode the pilot will remain lit as long as the burner is engaged within a 7 day window. Each time the burner is turned on the 7 day timer resets. If the burner is not engaged within the 7 day window, the pilot will automatically revert to IPI mode and turn off to conserve fuel.

To switch back to CPI, simply:

GSB2 Units: toggle the IPI/CPI switch to IPI, then back to CPI.

GSR2 Units: use the remote to toggle from IPI mode, then back to CPI mode.

To prevent the need to reset the pilot mode during the heating season, we have listed a few strategies below:

Option 1: Remember to periodically turn on the heater during the heating season

If you use your heater for supplemental heat, this may be the best solution. Set a specific time, once or twice per week (e.g. 5pm on Tuesday & Friday) to turn the heater on for a few minutes. This will reset the timer and prevent the need to restart the pilot.

Option 2: Use a thermostat

GSR Units: Use the thermostat included with the appliance

GSB Units: Consult your dealer for thermostats compatible with your appliance.

The use of a thermostat will keep the room at a constant temperature and will, in most cases, keep the heater working throughout the heating season. Light the pilot at the beginning of the heating season and set the thermostat to the desired room temperature. As long as the outside temperature does not rise excessively, for seven days or more, the pilot will continue to operate.

Option 3: Use a programmable thermostat (GSB2 Only)

A programmable thermostat may be set to turn on, once per week, to a high temperature for a short time. This will reset the 7-day timer and allow the heater to operate without having to restart the pilot.

Glass Frame Removal and Installation

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.



Do not remove the glass frame with the screen attached – it will not disengage correctly and may damage the screen.



The appliance must be completely cool before removing the glass.



Do not strike or slam the glass.



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 FRAME TOOL

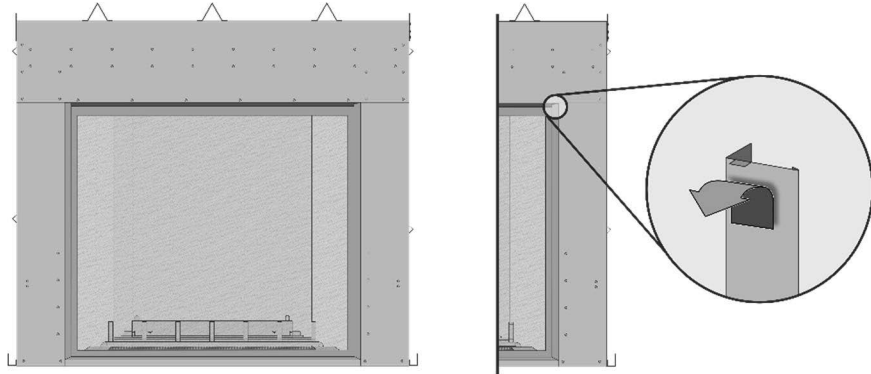
The glass frame tool is shipped inside the fireplace, on the right side of the fireplace opening. The first time it is used you may need to loosen the screw (1/4" wrench). The tool is accessed after removing the screen.



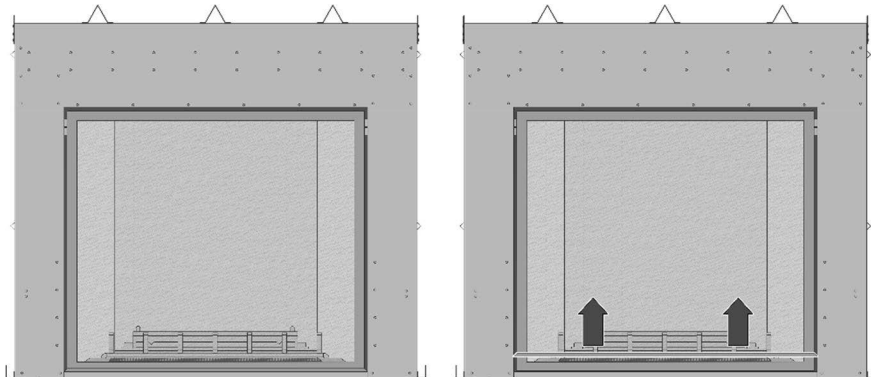
NOTE: Replace the tool in this location after use.

1. Remove the trim and place it aside.

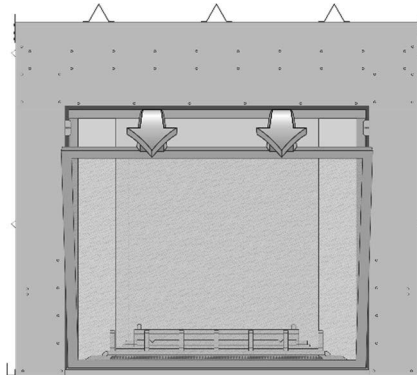
- a) The side trim has a small tab on the upper edge. Use the tab to lift the trim straight up. When the hooks that secure the trim to the fireplace are free, remove the trim from the fireplace opening and set it aside.



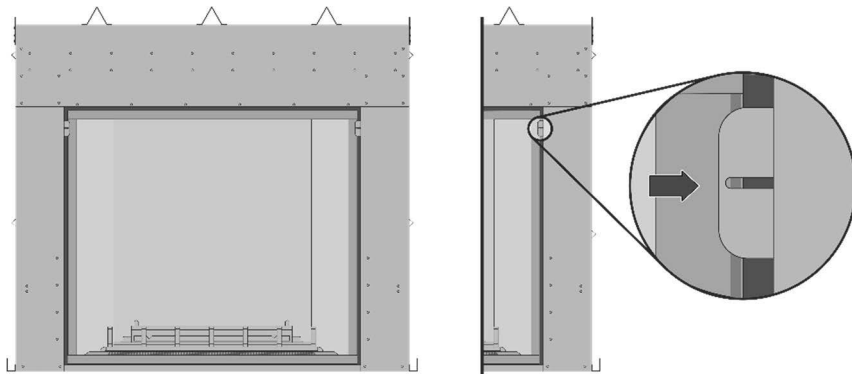
- b) Lift the bottom trim straight up. When the trim is above the front edge of the fireplace opening, remove it from the fireplace and set it aside.



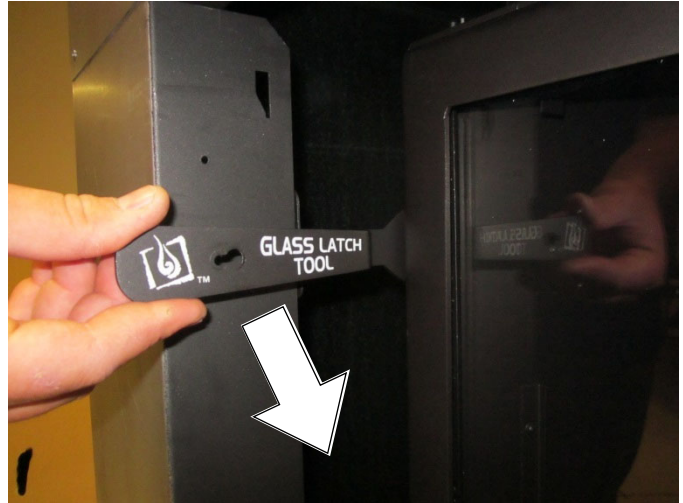
- c) Tip the barrier screen outward and remove the screen.



- d) The screen rests against (2) tabs on the upper sides of the fireplace opening. Slide the tabs behind the front wall of the fireplace to make room for the removal of the glass assembly.



2. Use the glass tool to unlatch the glass frame on the two upper sides of the assembly. Tilt the top edge forward and lift to free the tabs on the bottom of the glass assembly out of the slots on the bottom of the fireplace opening. Remove the glass frame from the fireplace.



Installing the Firebacks

See instructions included with the firebacks.

Log Set Installation

Packing List

- 9 Piece Log Set

Installation Warnings

NOTE: Consult the installation manual for order of installation. If using propane (LP), convert the appliance before installing the log set. If using firebacks, install them prior to installing the log set.

! WARNING !

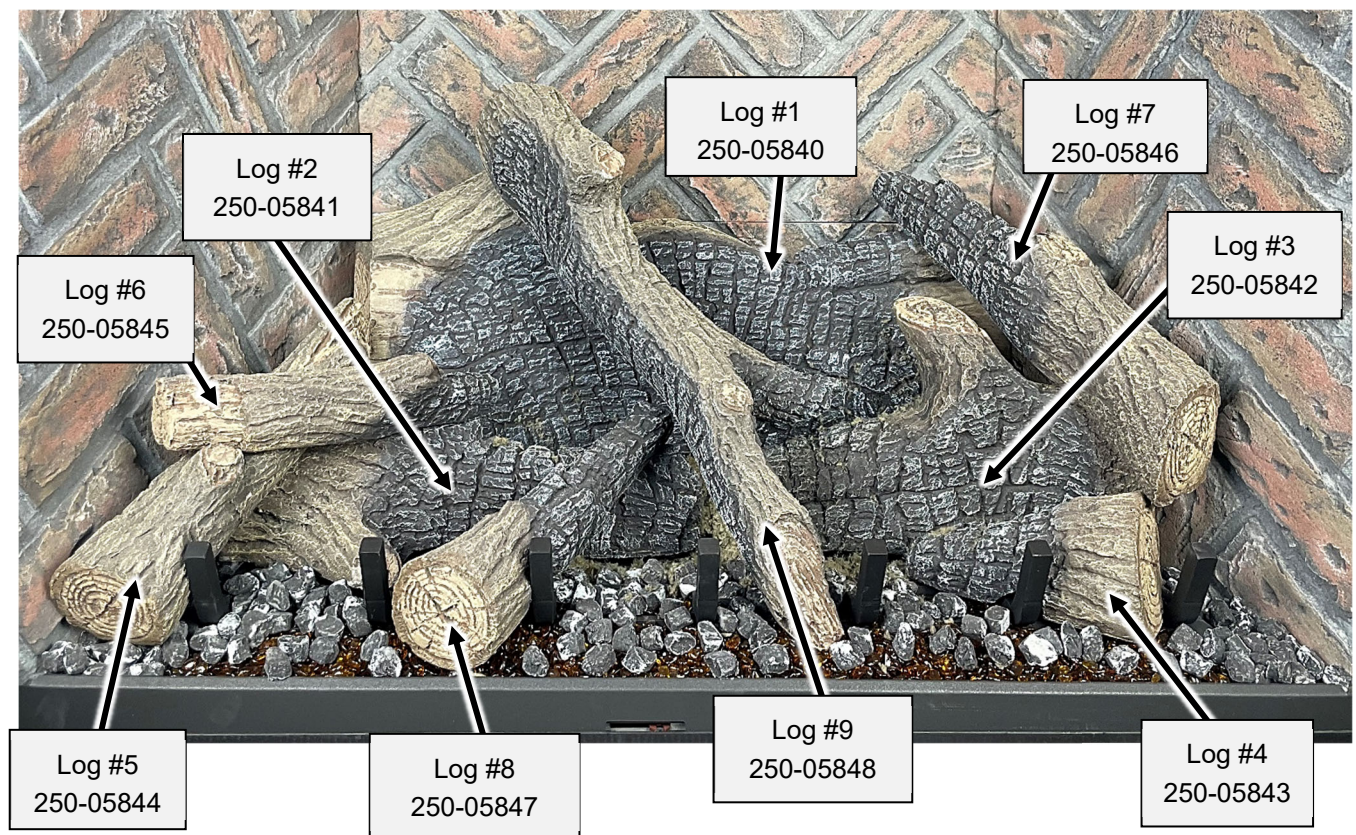
- The logs are fragile, especially after being exposed to heat.
- Make sure the gas control valve is OFF and the heater is cool prior to conducting service.
- Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.
- The burner must be correctly positioned before installing the log set. Make sure the burner is fully seated and the pilot is properly aligned. See owner's manual for details on burner removal.

Installation – Oak vs. Birch

Both log sets are nearly identical in shape. The only difference is the paint scheme and some textural details. Below you will find pictures of both the birch and the oak log sets. The installation pictures show the oak log set.

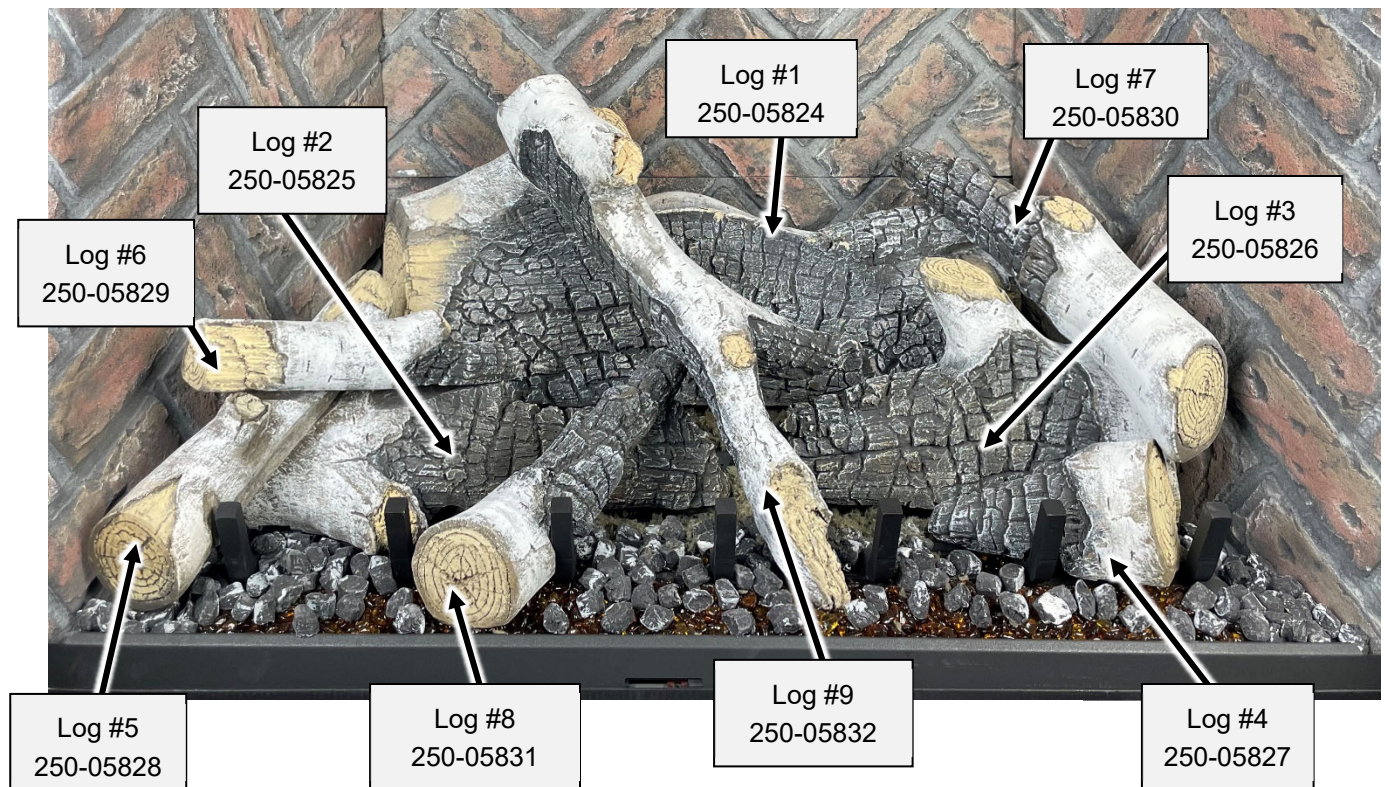
Log Set Overview - Oak (sku# 94500983)

When installed, the nine (9) logs should appear as shown below.



Log Set Overview - Birch (sku# 94500982)

When installed, the nine (9) logs should appear as shown below.



Log Set Installation



The logs are fragile, especially after exposure to heat.

NOTE: The fireplace should be in place, with the gas line and vent attached and the firebacks installed (see owner's manual for further details).

1. Install the Ember-Glo™ glass over the perforated portion of the media tray. Place a thick layer of the ember glass over the perforations making sure to cover all of the holes completely.



2. Lightly dress the ember glass with black touch-up paint (we recommend Stove Bright®). Check the appearance with the lights on and add additional paint, as needed, for a realistic glowing ember appearance.

WARNING

- **Make sure the pilot and burner are off before using paint in the firebox.**

NOTE: If power is supplied to the fireplace it can help to turn the lights on while painting so you can determine an appropriate amount of paint for a realistic ember appearance. Use the remote to turn the Ember-Glo™ lights on and off.

NOTE: We recommend that you use a piece of paper, cardboard as a shield to mask the log grate and burner from overspray (see below).



Scan this code with a QR reader on your cell phone to watch a video of Ember-Glo™ glass setup.



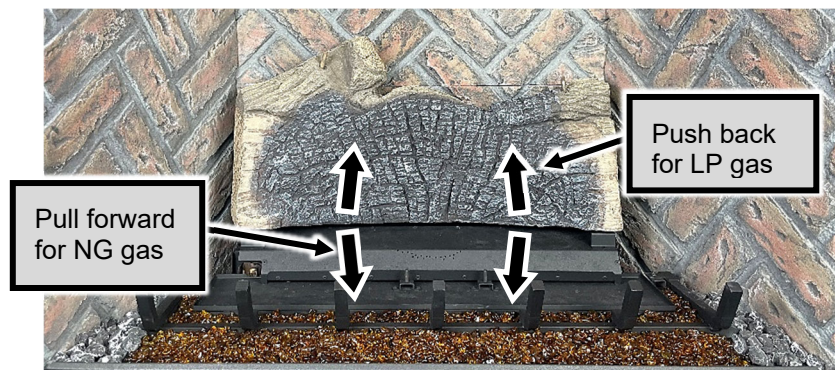
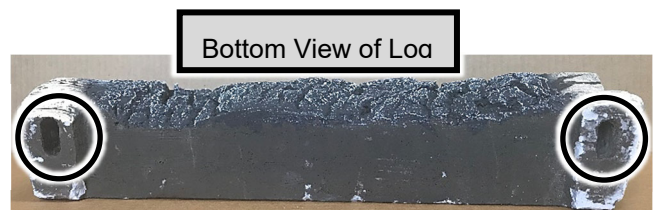
<http://vimeo.com/289322734>

- Once the ember glass installation is complete, place a generous amount of ember material on the firebox floor on either side of the firebox (make sure to cover the gap between the fireback and the media tray). Completely cover any visible metal of the media tray (not the burner).

NOTE: Make sure no ember material is placed directly on the burner.



- Place log #1 as shown below. The two slots on the bottom of the log sit over the pin on the burner. With the rear log in place, **push it back if using LP gas or pull it forward if using NG gas.**



5. Place log #2 on the front burner. The notch on the bottom left of the log rests on the grate. The hole on the right end of the log rests on the locating pin just left of the center of the burner. Push the log backward until it is in contact with the rear burner.

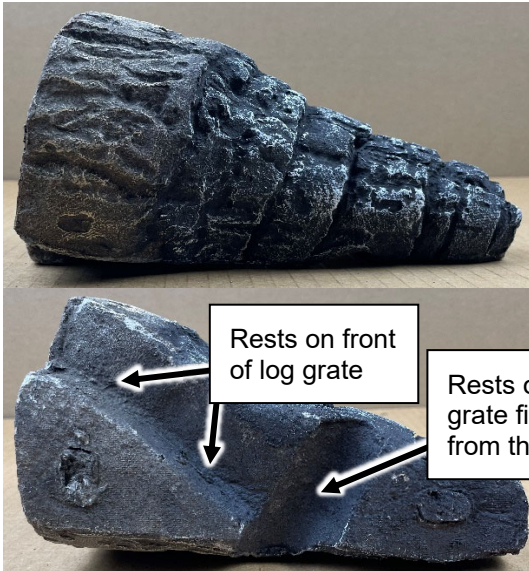


NOTE: Make sure the log does not obstruct any burner holes.

6. Place log #3 as shown below. The notch on the bottom right of the log rests on the grate. The hole in the left bottom of the log rests on the locating pin just right of the center of the burner. Push the log backward until it is in contact with the sloped portion of the rear burner. Make sure burner holes are not obstructed.



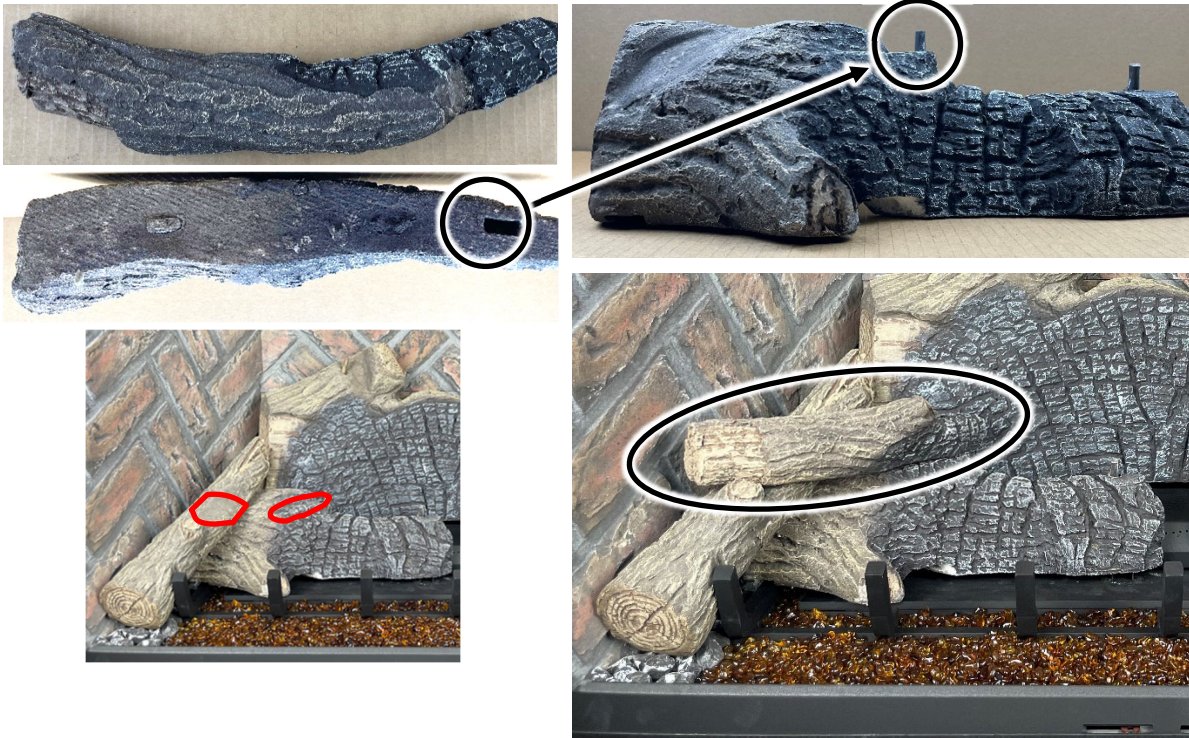
7. Place log #4 as shown below. There are (2) notches on the bottom of the log that help orient the log to the log grate. The charred end of the log should be to the left and be angled toward the center of the burner. The cut end should rest slightly forward of the log grate between the (2) right fingers of the log grate (see below). Make sure burner holes are not obstructed.



8. Place log #5 as shown below. There is a notch on the lower right of the log that rests against the leftmost fireplace grate finger. The upper portion of the log rests on a flat spot on the top of log #2.



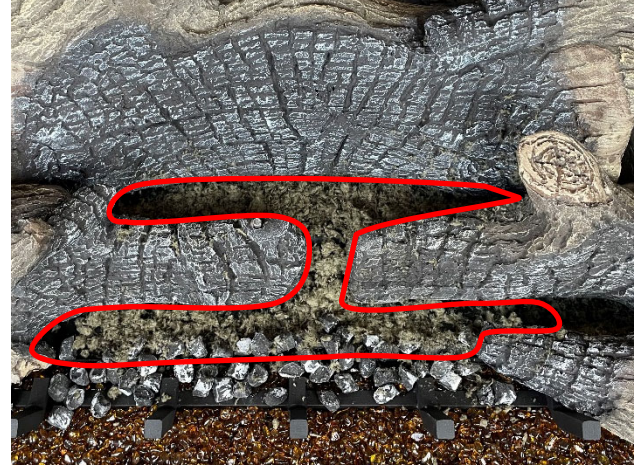
9. Place log #6 as shown below. There is a flat spot on log #5 and log #2 for log #6 to rest on. Place the hole in the bottom of the charred end of log #6 onto the left locating pin on the top of log #2



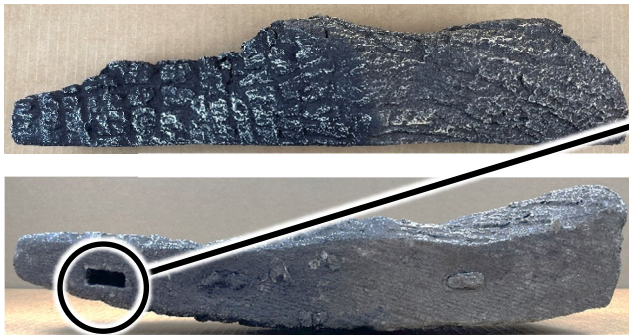
10. Place ember chunks (included with the fireplace) along the front of the front burner. Do not obstruct any burner holes.



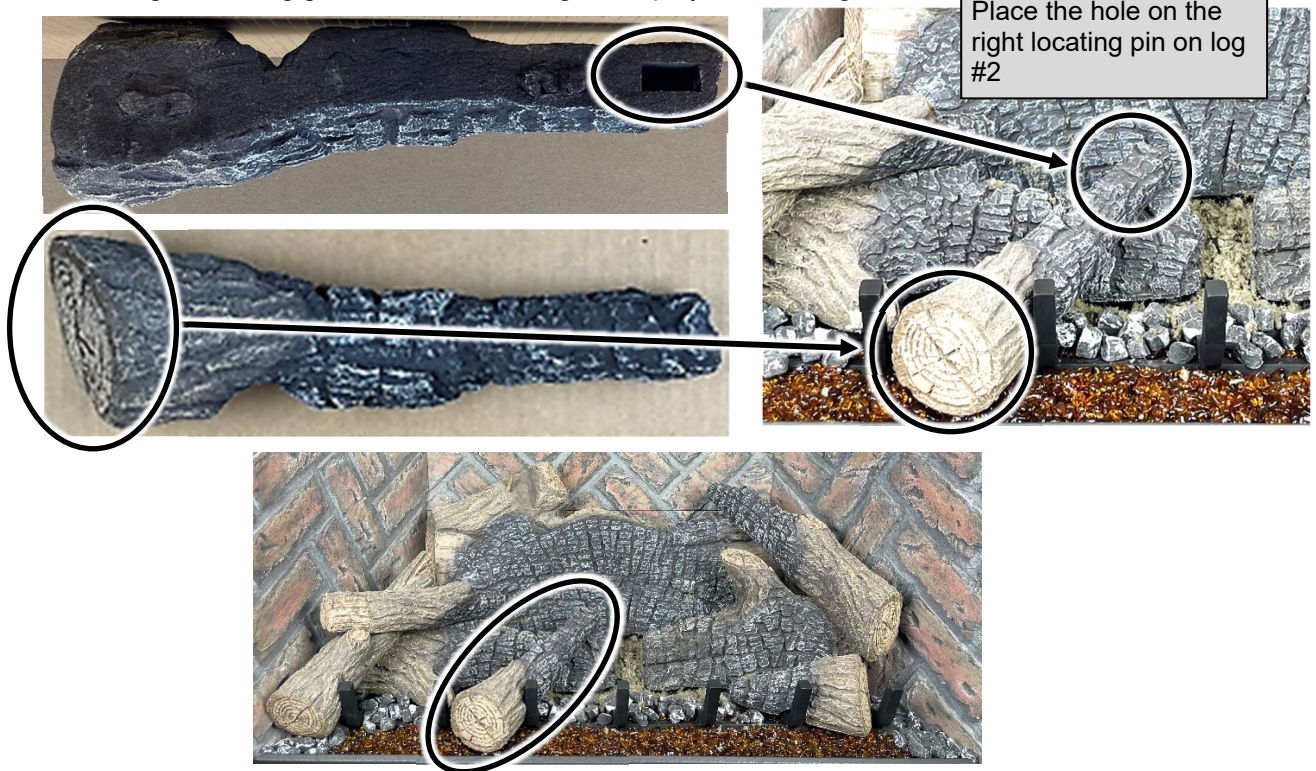
11. Detail the burner with Rock Wool (included with the fireplace). The included rock wool is placed on top of the burner to provide a realistic ember glow from on the burner. **The Rockwool can be applied in a relatively thick layer.** The best method for applying the rock wool is to brush it onto the burner. Compress a clump of Rockwool between your thumb and forefinger. Use a stiff brush to apply Rockwool fibers onto the burner. You will not need to use the entire bag of Rockwool, save the remainder for future use.



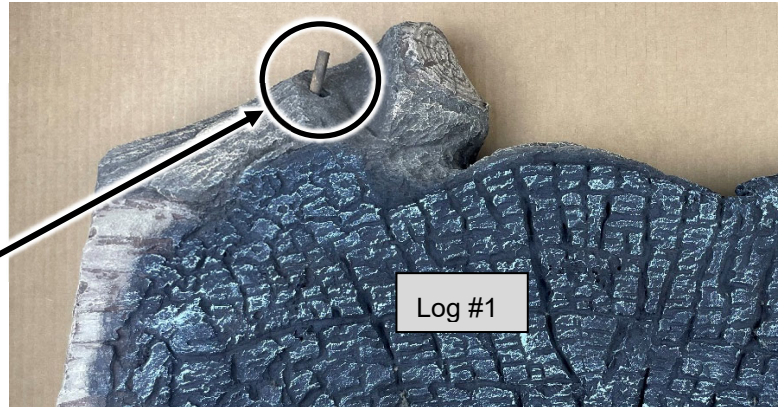
12. Place log #7 as shown below. There is a hole on the charred end of the log that rests on a locating pin on the right end of log #1 (see below). The other end of log #7 rests on the right end of log #3. Rotate the lower portion of the log until it is in contact with the fireback.



13. Place log #8 as shown below. The charred end of the log points to the center of the firebox and rests on the right end of log #2. Place the hole in the bottom of log #8 on the right locating pin on log #2. The non-charred end of the log rests between the 2nd and 3rd log grate fingers as shown below. The non-charred end of the log will contact the Ember-Glo™ glass. Push the log down until it is resting on the front edge of the log grate rather than being held up by the ember glass.



14. Place log #9 as shown below. There is a hole on the thicker end of log #9 that rests on the left locating pin on log #1 (see below). The thinner end of log #9 rests on the Ember-Glo™ glass between the third and fourth log grate finger (see below). Work the end of the log into the glass until it is stable.



15. Finish dressing the firebox with ember chunks over the top of the ember glass in front of the log set.



LP 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

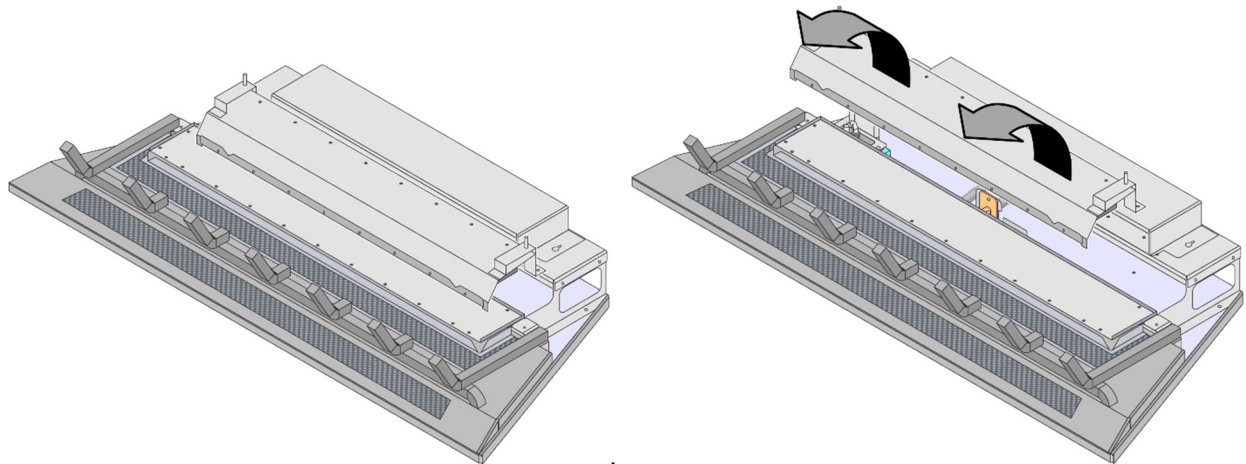
The gas supply shall be shut off prior to disconnecting the electrical power, before proceeding with the conversion.

LP Conversion Parts

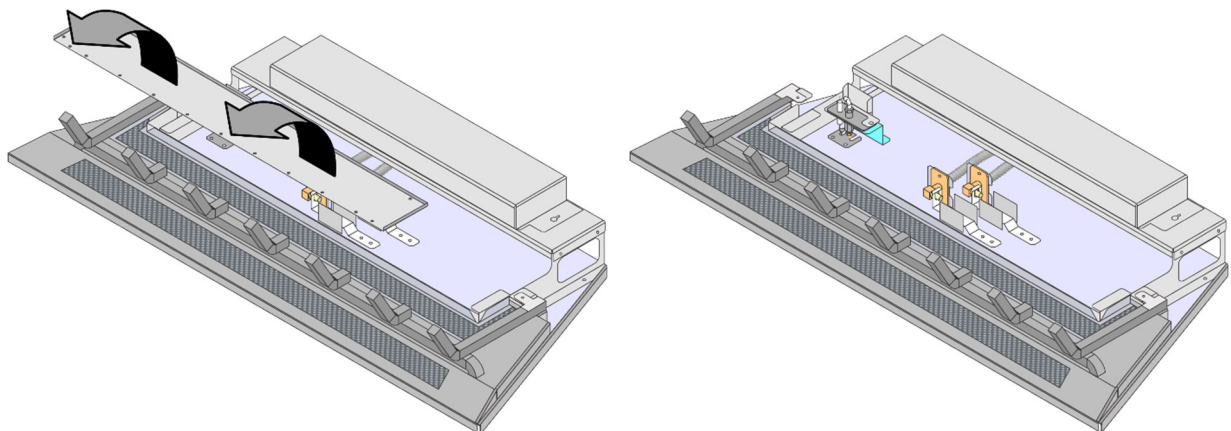
- #C51 and #53 Burner Orifices
- Pilot Orifice
- (2) LP manifold seal plates

The GSR Stepper Motor Kit (4-pack = 94400999, single = 250-01463) is required for converting this appliance to LP. The kit contains the stepper motor (regulator) and Torx wrench.

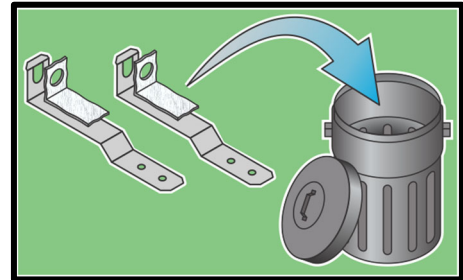
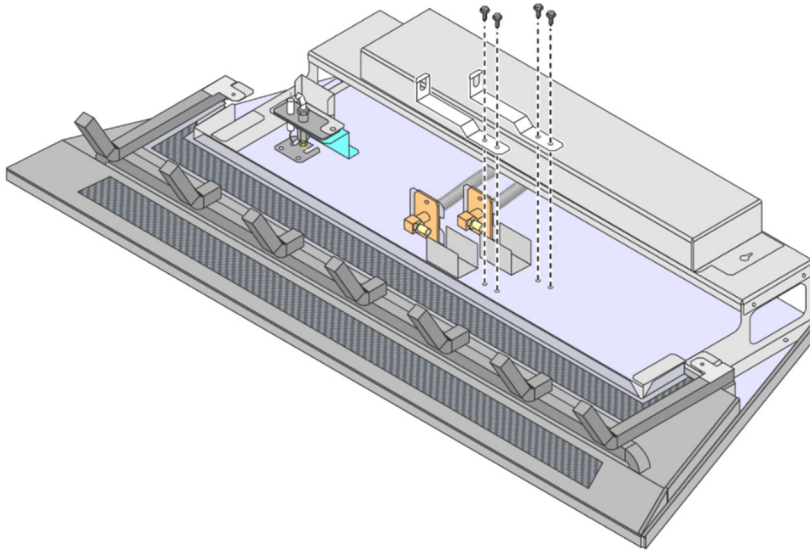
1. Access the firebox.
2. Remove the rear burner. Lift up on the burner and remove it from the firebox (see below).



3. Remove the front burner. Lift up on the burner and remove it from the firebox (see below).

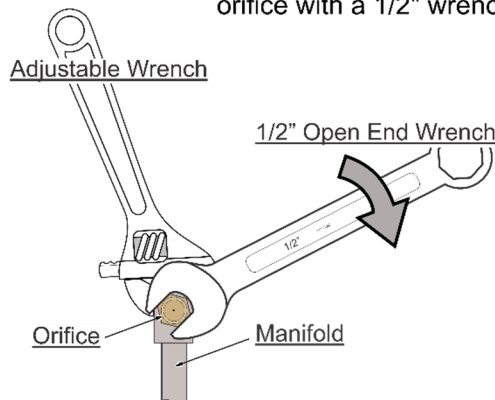


4. Remove and discard the (2) stock manifold covers and gaskets. Use a 1/4" nut driver to remove the screws that secure the manifold covers to the burner tray (set the screws aside for securing the new manifold covers in a later step).

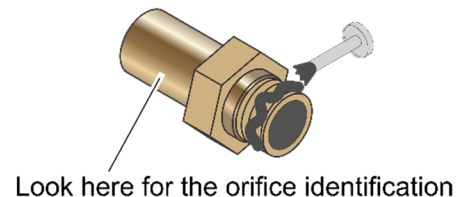


5. Replace both burner orifices following the steps below.

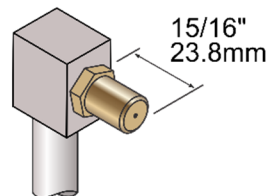
- (a) Use an adjustable wrench to support the manifold while removing each orifice with a 1/2" wrench.



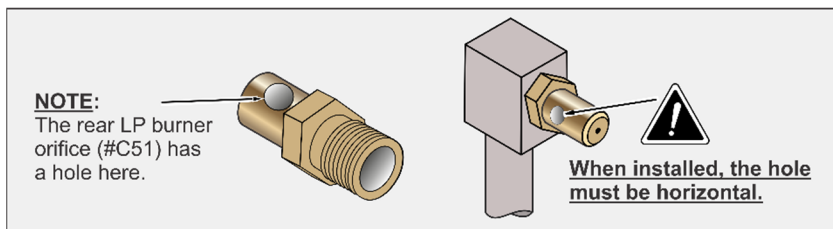
- (b) Apply thread sealant to the LP orifices prior to installation. Use the chart below to identify the correct orifices.



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



	NG	LP
Front	#2.5mm	#53
Rear	#32	#C51

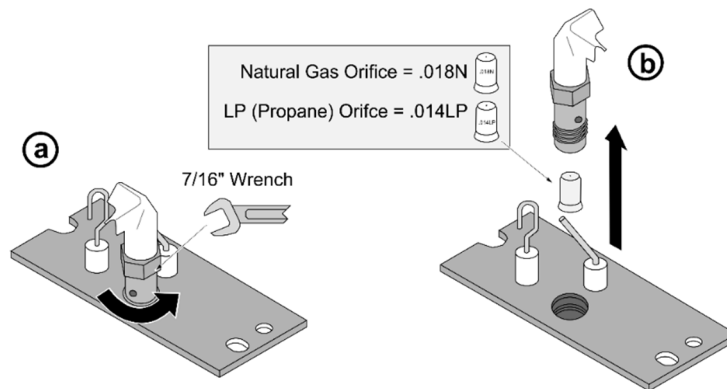


6. Install the LP manifold covers supplied in the stove pack. Secure the manifold covers using the screws removed in step 4.

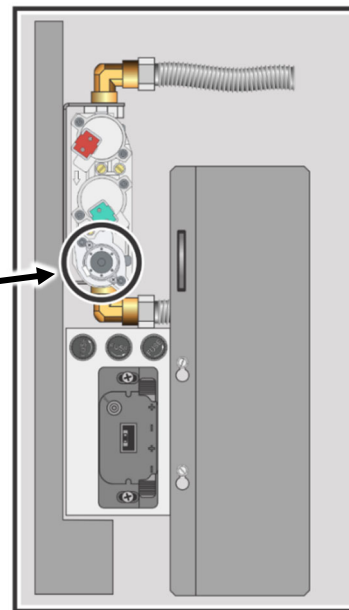
7. Install the LP pilot orifice following the instructions below.

(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).



8. The stepper motor (adjustable regulator) has an installation sheet included with it – make sure to follow all of the directions. Place the stepper motor on the gas control valve (see below) – **MAKE SURE IT IS CORRECTLY ORIENTED**. Secure using the screws included with the motor – tighten to 25 Lb.-inches. Leak test this area after installation to verify proper installation.

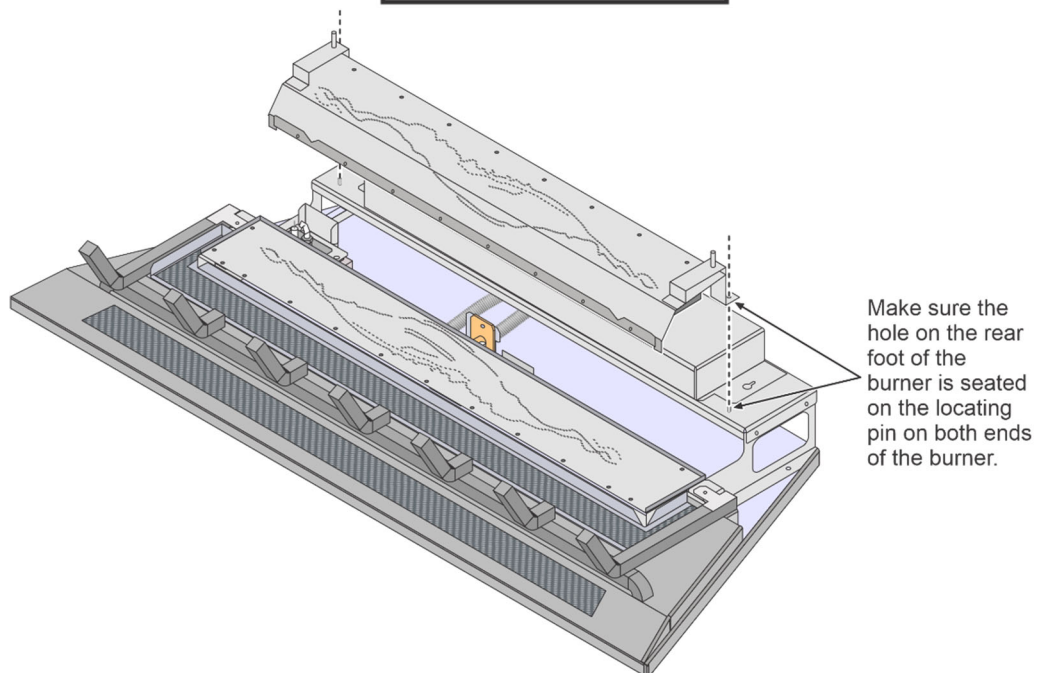


9. Return the firebox to the correct configuration.

NOTE: When replacing the rear burner, make sure the burner is resting on the locating pins properly (see right).

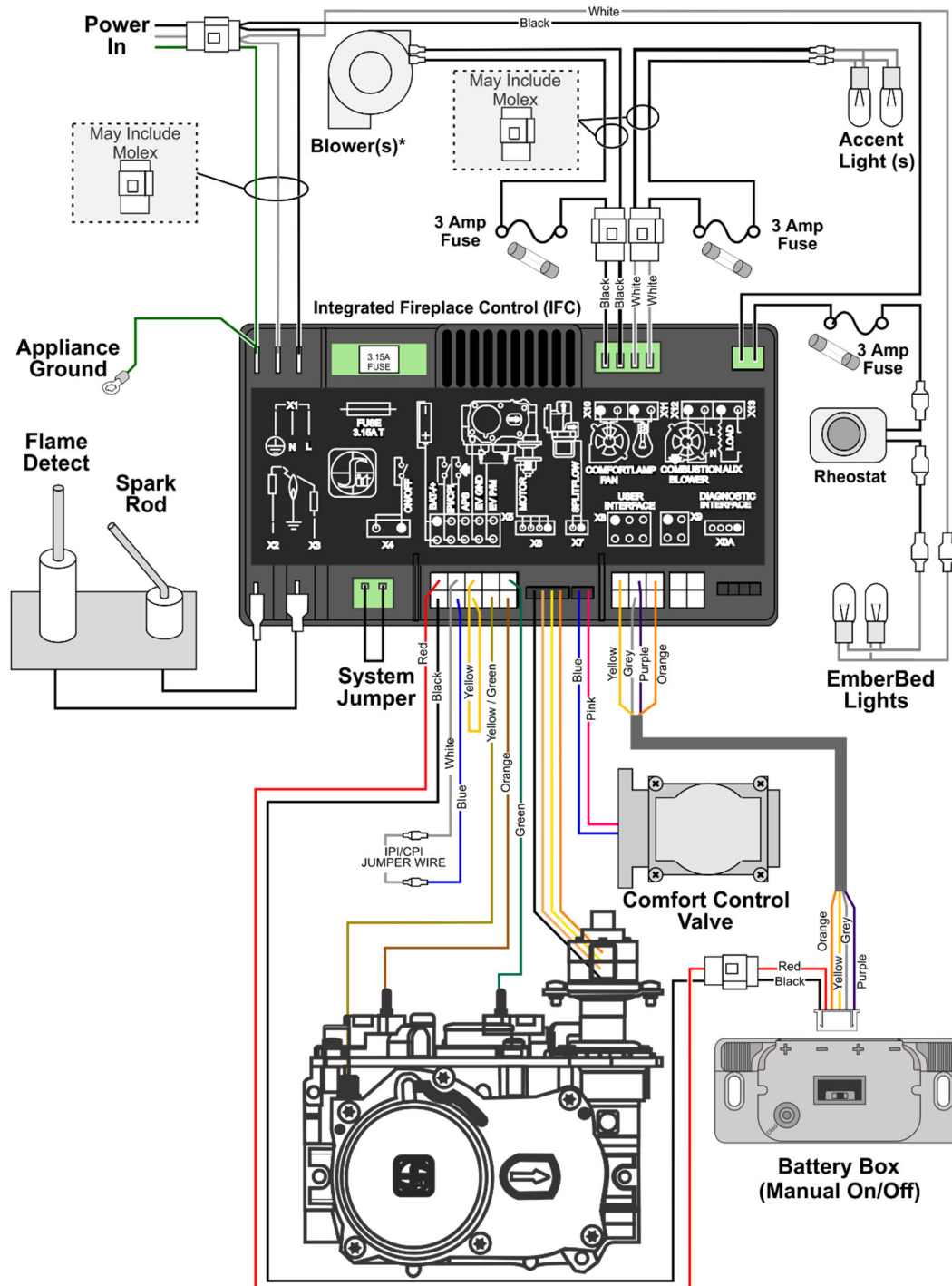
10. Replace the glass.

11. Make the gas line connection, bleed the gas line (if applicable), start the heater, and thoroughly leak-test all gas connections and the gas control valve.



Wiring Diagram

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



Replacement Parts List

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

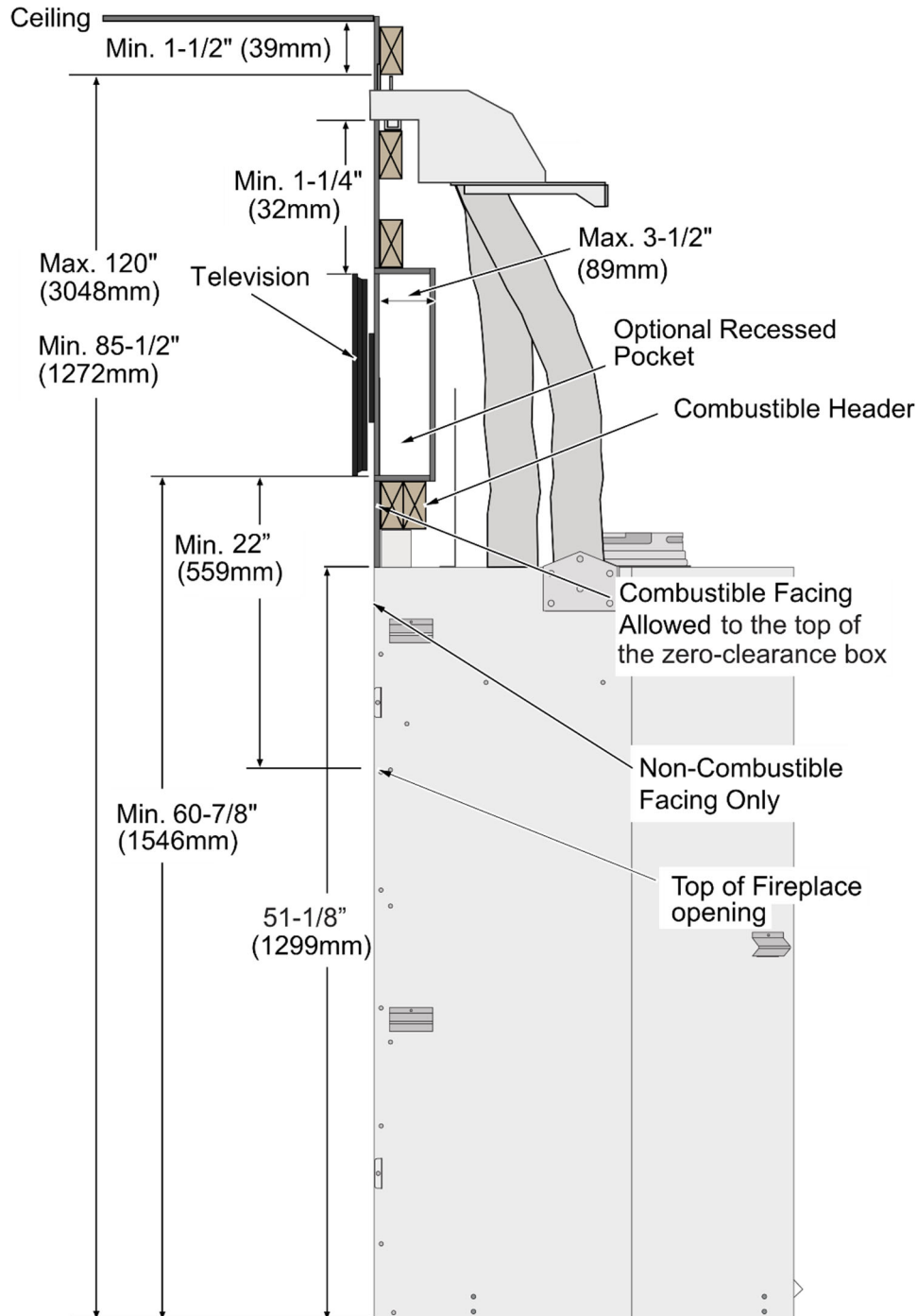
Warning: Do not operate appliance with the glass front removed, cracked, or broken. Replacement of the glass should be done by a licensed or qualified service person.

Contact your local Travis dealer for a Replacement Parts List.

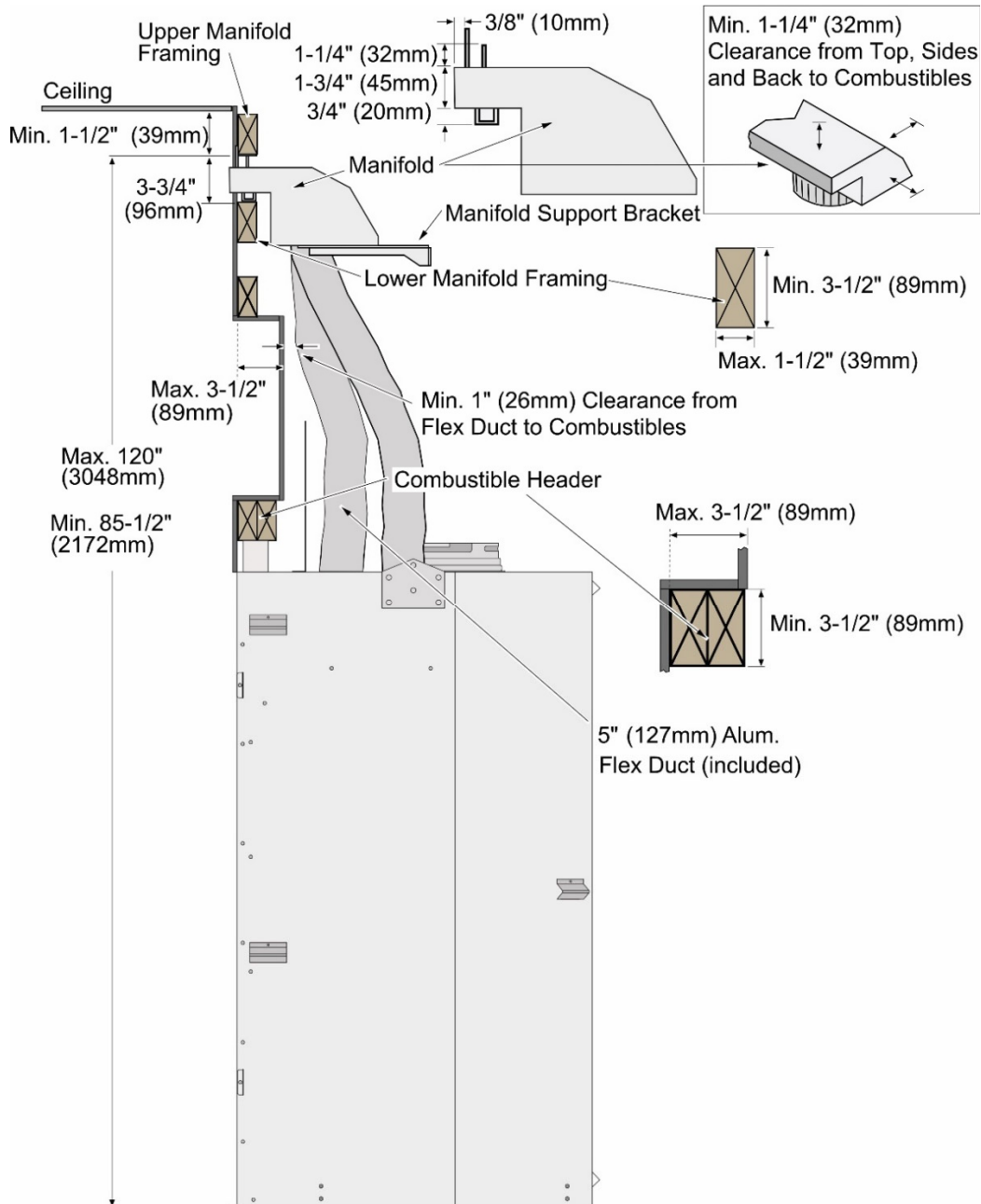
CoolSmart TV – Installation Overview (Optional)

The CoolSmart system is designed to redirect the convective heat of the fireplaces from the front of the unit, just above the glass, to a location higher on the wall. The use of this kit allows for reduced clearances to televisions and a recessed cavity above the fireplace. When using this kit, disregard the standard framing dimensions and follow the framing instructions for the CoolSmart kit.

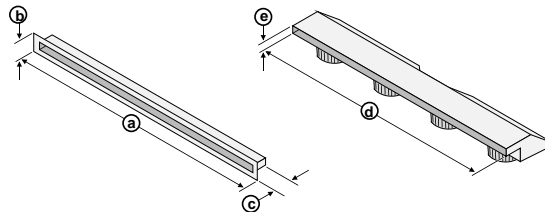
NOTE: A power heat duct kit may also be available for this appliance. If so, you may use either the power heat vent kit(s) or the CoolSmart TV kit, but not both. See appliance installation manual for details.



CoolSmart TV - Installation Requirements

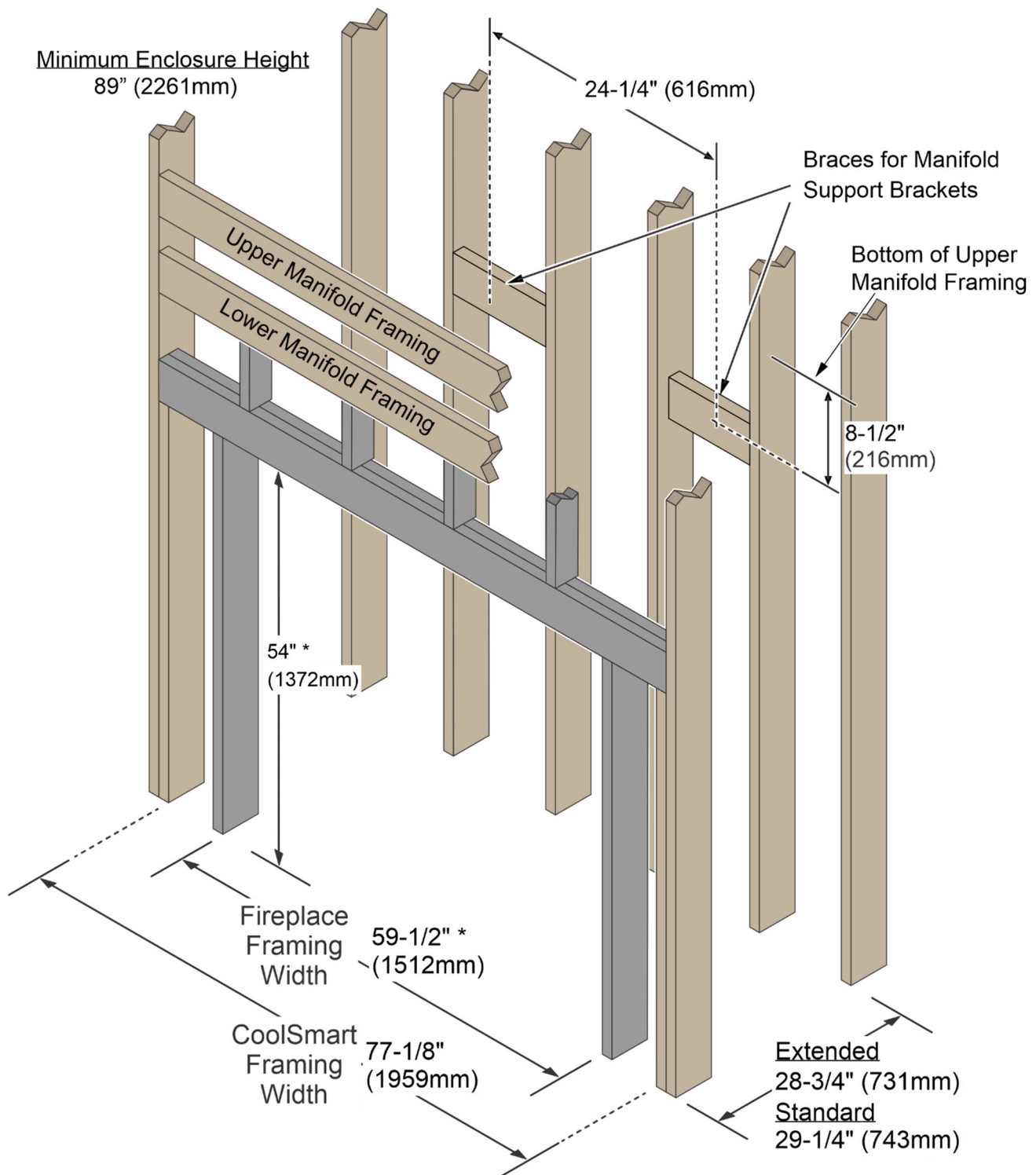
**Grill and Manifold Dimensions**

The grill may be installed over the facing to provide an aesthetic opening for the convection outlet. (2) 8-32 x 1-1/2" screws attach the trim to the upper manifold. This allows variable thickness of finish material.

**Dimensions**

a	b	c	d	e
75" (1905mm)	2-7/8" (74mm)	1-1/4" (32mm)	74" (1880mm)	1-3/4" (45mm)

CoolSmart TV - Framing the Chase



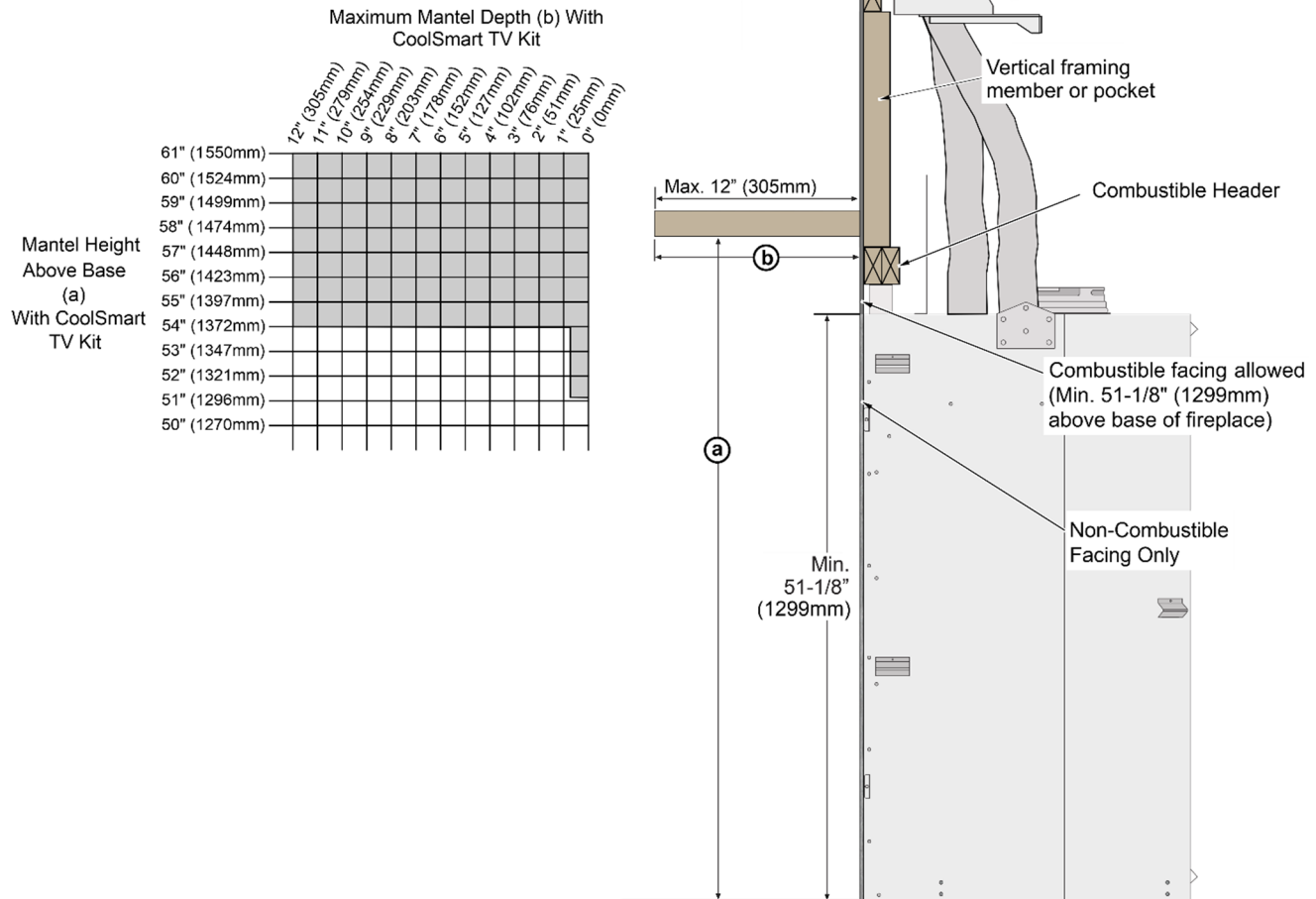
* The dark-shaded framing should be installed after the fireplace is put into position. It is used to provide support for the facing above the fireplace and nailing brackets that secure the fireplace.

CoolSmart TV - Mantel Clearances with CoolSmart TV

When using this kit, disregard the combustible mantel requirements in the manual and follow the requirements shown below.

If you wish to place a TV above the mantel, it must meet the following requirements:

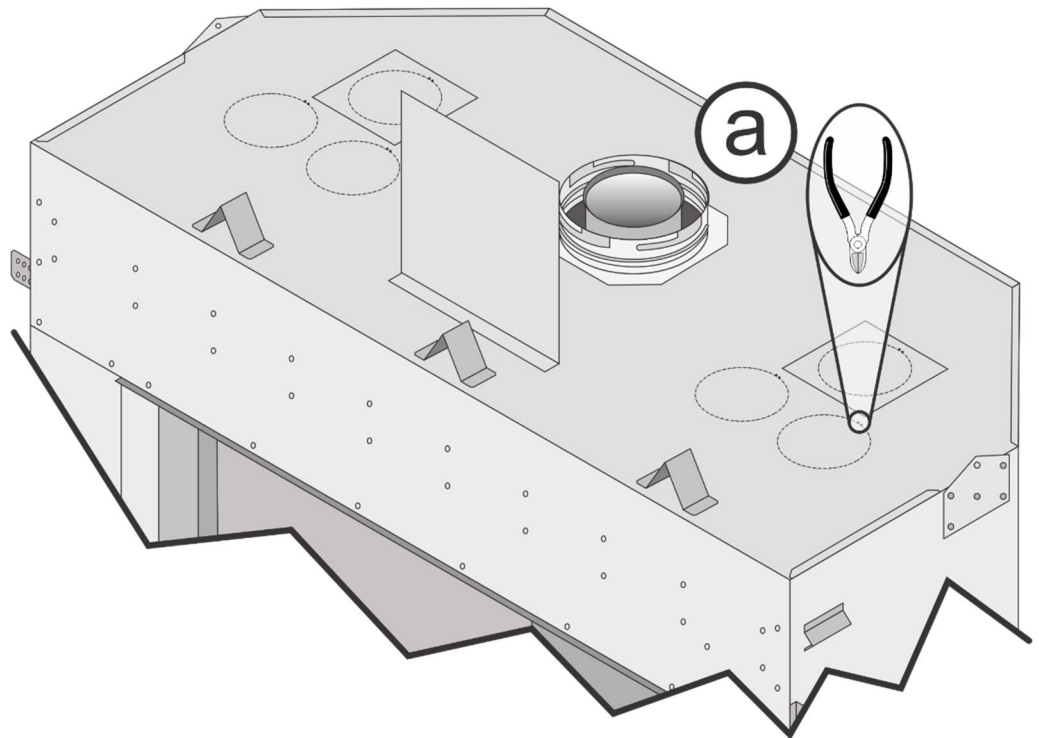
- Minimum 1" air gap behind TV to wall.
- The mantel must extend 2" in front of the TV and 1" to both sides.



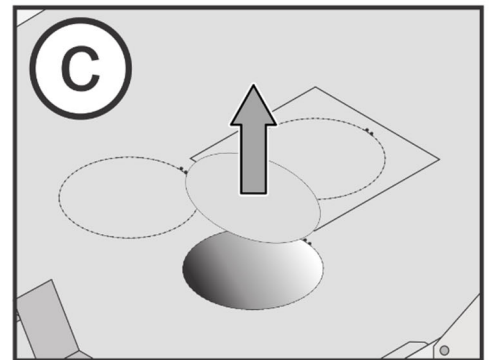
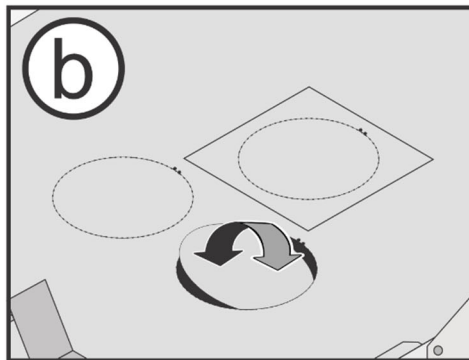
CoolSmart TV - Fireplace Preparation

NOTE: All (6) knockouts on top of the fireplace must be used when using the CoolSmart TV kit.

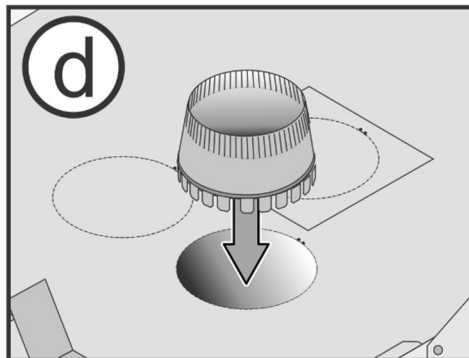
- a) Use diagonal cutters or snips to cut the tab that secures the knockout to the top of the fireplace.



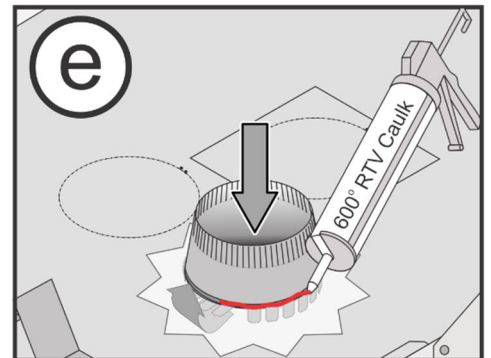
- b) Bend the knockout back and forth until it breaks free from the top of the fireplace.
c) Remove and discard the knockout



- d) Insert a starter collar into the hole that was uncovered in the previous step and bend the tabs to secure the starter collar to the fireplace.



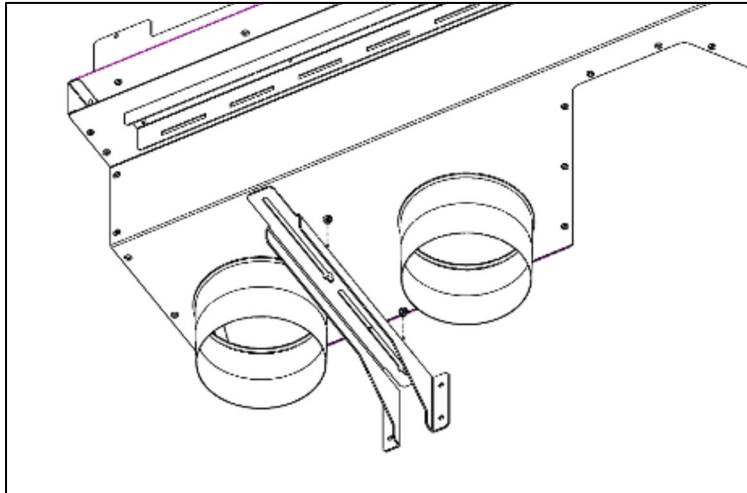
- e) Reach in through the starter collar and bend the tabs outward to secure the starter collar to the fireplace. Seal the joints with silicone caulk or aluminum (U.L. 181A-P) tape



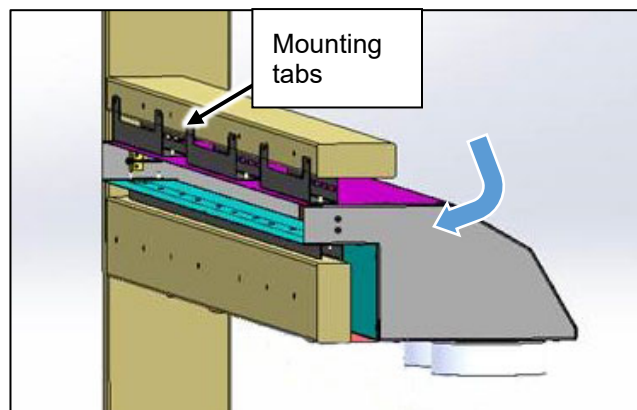
- f) Repeat these same steps with the remaining 5 knockouts. When completed, install the fireplace into the framed chase (see appliance manual for Installation details).

CoolSmart TV Kit Installation

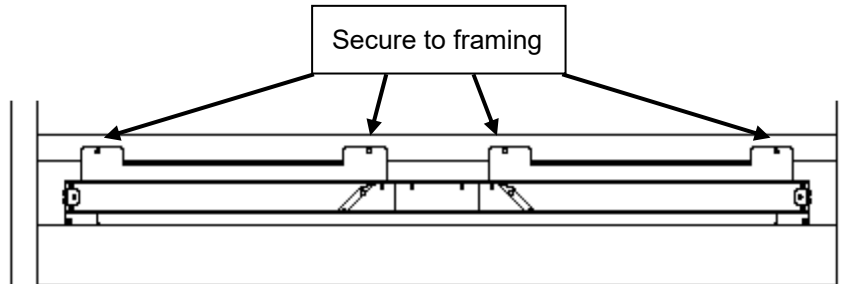
- 1 Remove the grill from the manifold (2 screws hold it in place).
- 2 Remove the rear-mounting brackets by loosening 1/4" screws and sliding it out of the keyhole slots.



- 3 Determine the desired location of the bottom of the convection air outlet. Install a horizontal framing member at the desired height, parallel to the header. Install a second horizontal framing member 3-3/4" above the first. These two framing members will support the upper convection manifold in the following steps.
- 4 Hold the upper convection manifold with the outlet facing the back of the framing members installed in the previous step. Tilt the outlet of the manifold downward until the outlet of the manifold and the two mounting tabs can fit between two framing members. Slide the outlet into the gap and allow it to sit level again. The two mounting tabs will support the manifold.



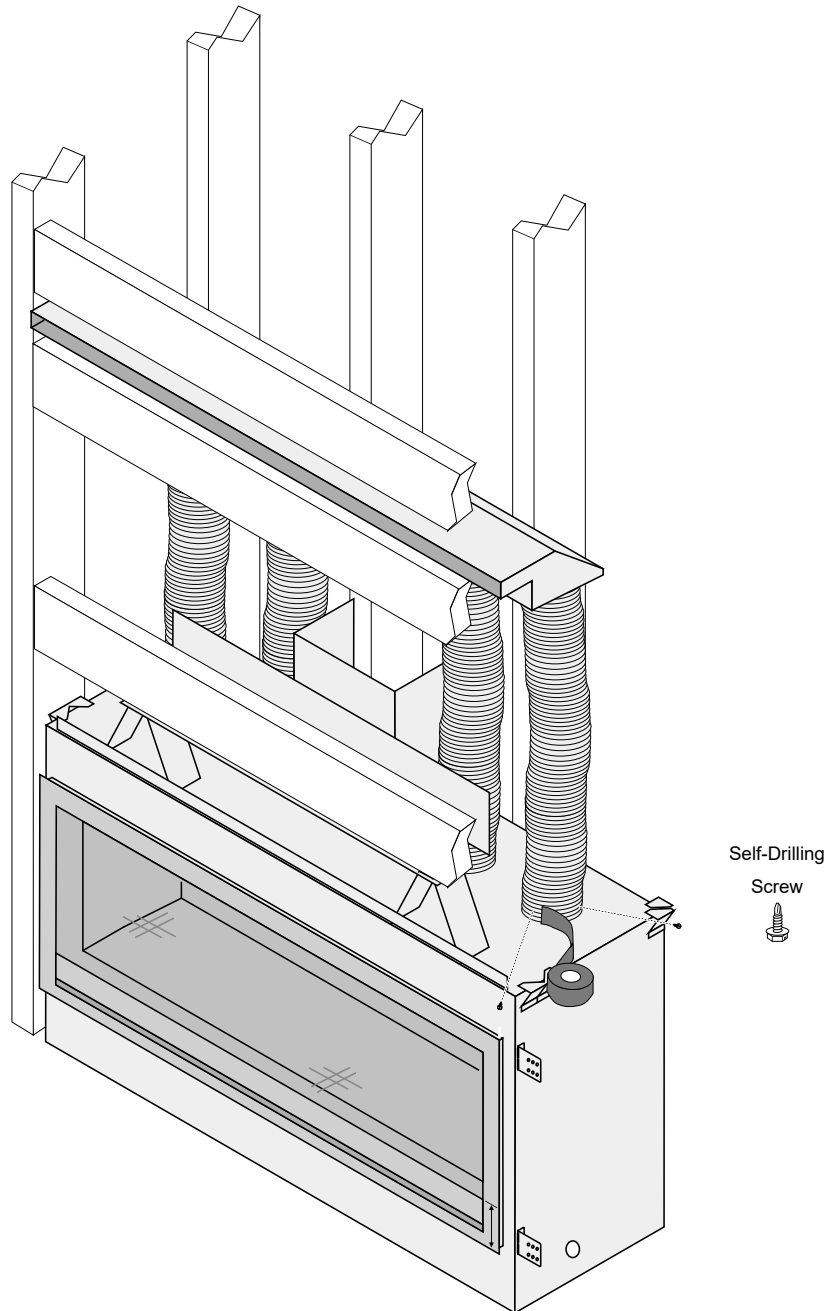
- 5 Secure the manifold to the upper framing using screws (not included).



- 6 Re-attach the two rear mounting brackets (removed in step 6) to the bottom of the convection manifold. Leave the screws loose so the brackets can be positioned to the back of the chase. Secure the brackets to the chase using screws (not included). Tighten the screws securing the brackets to the manifold.



- 7 Stretch the included flex to its maximum length. Measure the distance between the starter collars on the fireplace and the inlets on the convection manifold. Cut the flex to the appropriate length and install between the fireplace and the manifold. Secure using (3) screws at every connection and seal the joints with silicone caulk or aluminum (U.L. 181A-P) tape.



- 8 Cover the face of the fireplace and the outlet of the manifold to ensure no construction debris or sheetrock dust enters the unit.
- 9 Once all finish work is complete around the outlet of the manifold, install the outlet grill assembly using the two included screws (one at each end). The grill assembly will overlap finish material up to 1-1/2" thick. See fireplace installation manual for finishing details.

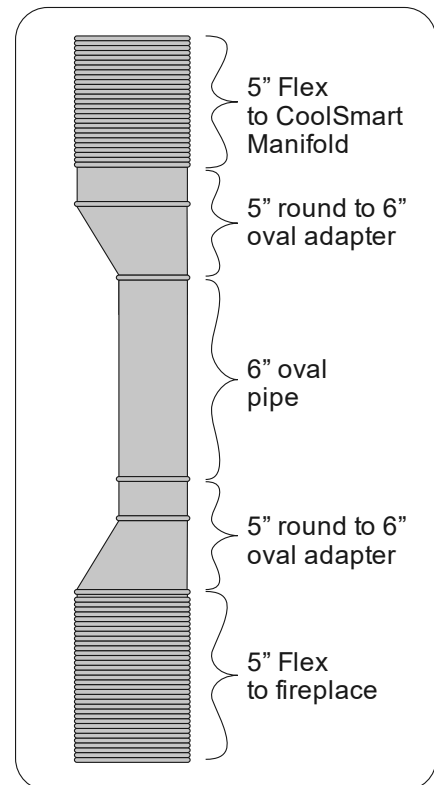
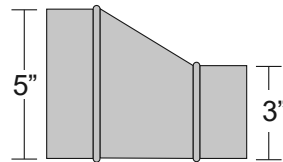
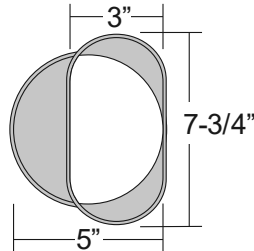
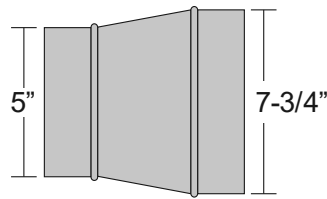
NOTE: The manifold opening protrudes 7/16" proud of the framing. The wall may be finished to the opening if you do not wish to use the grill trim.

Using oval pipe to get past an obstruction

If a situation arises that obstructs the CoolSmart flex vent runs (such as getting past a minimum sideways vent) you may transition the 5" flex vent to a ridged nominal 6" oval pipe to get past the obstruction. Transition back to the 5" round flex and continue to the manifold.

The adapters and ridged pipe should be factory ovalized, not field ovalized.

NOTE: All clearances to combustibles must be maintained.



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