

Installation Manual

Installation and Fireplace Setup

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

INSTALLER: Leave this manual with party responsible for use and operation.
OWNER: Retain this manual for future reference.

This appliance has been retired.
 Service parts pages within have been removed.
 For replacement parts, please refer to the individual service parts list located on the brand websites.

NOTICE: DO NOT discard this manual!



Model(s):

ODVILLAG-36T ODVILLAG-36H
ODVILLAG-42T ODVILLAG-42H

Outdoor Decorative Gas Appliance

WARNING



HOT SURFACES!

Glass and other surfaces are hot during operation AND cool down.

Hot glass will cause burns.

- **DO NOT** touch glass until it is cooled
- **NEVER** allow children to touch glass
- Keep children away

- **CAREFULLY SUPERVISE** children in same area as fireplace.
- Alert children and adults to hazards of high temperatures.

High temperatures may ignite clothing or other flammable materials.

- Keep clothing, furniture, draperies and other flammable materials away.

DANGER

If you smell gas:


1. Shut off gas to the appliance.
2. Extinguish any open flame.
3. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.

WARNING

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance

An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

WARNING: For outdoor use only.

 **WARNING:** Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

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

NOT for use with solid wood fuel.

DANGER



CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor.

Using it in an enclosed space can kill you.

Never use this appliance in an enclosed space such as a camper, tent, car or home.

Safety Alert Key:

- **DANGER!** Indicates a hazardous situation which, if not avoided will result in death or serious injury.
- **WARNING!** Indicates a hazardous situation which, if not avoided could result in death or serious injury.
- **CAUTION!** Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
- **NOTICE:** Indicates practices which may cause damage to the fireplace or to property.

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ATTENTION INSTALLER:
Follow this Standard Work Checklist

This standard work checklist is to be used by the installer in conjunction with, not instead of, the instructions contained in this installation manual.

Customer: _____
Lot/Address _____

Date Installed: _____

Location of Appliance _____

Installer: _____

Dealer/Distributor Phone # _____

Model (circle one): ODVILLAG-36T
ODVILLAG-36H
ODVILLAG-42T
ODVILLAG-42H

Serial #:



WARNING! Risk of Fire or Explosion! Failure to install fireplace according to these instructions can lead to a fire or explosion.

Appliance Install

The enclosure is sealed. (Pg. 8)
 Required non-combustible board is installed (if applicable). (Pg. 13)
 Verified clearances to combustibles. (Pg. 10)
 Appliance is leveled and secured. (Pg. 12)

YES

IF NO, WHY?

Finishing Section 6 (Pg. 16)

Combustible materials not installed in non-combustible areas.
Verified all clearances meet installation manual requirements.
Mantels and wall projections comply with installation manual requirements.

Appliance Setup Section 7 (Pg. 18)

All packaging and protective materials removed.
Refractory, logs, media and embers installed correctly.
Optional mesh doors properly installed.
Manual bag and all of its contents are removed from the fireplace and given to the party responsible for use and operation.
Started appliance and verified no gas leaks exist.

Hearth & Home Technologies recommends the following:

- Photographing the installation and copying this checklist for your file.
- That this checklist remain visible at all times on the fireplace until the installation is complete.

Comments: Further description of the issues, who is responsible (Installer/Builder/Other Trades, etc.) and corrective action needed:

Comments communicated to party responsible

_____ by _____ on _____
(Builder/Gen. Contractor) (Installer) (Date)

4072-171 • Rev B • 09/28/15

1 Welcome

Read this manual before installing or operating this fireplace.
Please retain this owner's manual for future references.

A. Congratulations

Congratulations on selecting a Outdoor Lifestyles decorative gas appliance. The HHT gas appliance you have selected is designed to provide the utmost in safety and reliability.

As the owner of a new gas appliance, you'll want to read and carefully follow all of the instructions contained in this Owner's Manual. Pay special attention to all Cautions and Warnings.

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

Your new Outdoor Lifestyles decorative gas appliance will give you years of durable use and trouble-free enjoyment.

Outdoor Lifestyles is a registered trademark of Hearth & Home Technologies.

Local Dealer Information

DEALER: Fill in your name, address, phone and e-mail information here and fireplace information below.




Dealer Name: _____
Address: _____
Phone: _____
E-mail: _____

Fireplace Information:

Brand: _____ Model Name: _____
Serial Number: _____ Date Installed: _____

Listing Label Information/Location

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

Serial Number		Fireplace Model																								
		ANSI Z21.97-2012 CSA 2.41-2012 Outdoor Decorative Gas Appliances																								
This appliance must be installed in accordance with local codes, if any; if not, follow ANSI Z223.1 in the USA installation codes.		Serial (Serie): _____ Mfg. Date: _____																								
																										
Minimum Permissible Gas Supply for Purposes of Input Adjustment.		Model (Modele):																								
<table border="1"><thead><tr><th></th><th>Natural Gas</th><th>Propane Gas</th></tr></thead><tbody><tr><td>Approved Minimum (De Gaz) Acceptable</td><td>7.0 in. w.c. (Po. Col. d'eau)</td><td>11.0 in. w.c. (Po. Col. d'eau)</td></tr><tr><td>Maximum Pressure (Pression)</td><td>10.0 in. w.c. (Po. Col. d'eau)</td><td>14.0 in. w.c. (Po. Col. d'eau)</td></tr><tr><td>Maximum Input BTUH (36 in.)</td><td>40,000</td><td>40,000</td></tr><tr><td>Maximum Input BTUH (42 in.)</td><td>42,000</td><td>42,000</td></tr></tbody></table>			Natural Gas	Propane Gas	Approved Minimum (De Gaz) Acceptable	7.0 in. w.c. (Po. Col. d'eau)	11.0 in. w.c. (Po. Col. d'eau)	Maximum Pressure (Pression)	10.0 in. w.c. (Po. Col. d'eau)	14.0 in. w.c. (Po. Col. d'eau)	Maximum Input BTUH (36 in.)	40,000	40,000	Maximum Input BTUH (42 in.)	42,000	42,000	<table border="1"><tbody><tr><td><input type="checkbox"/></td><td>ODVILLAG-36T</td></tr><tr><td><input type="checkbox"/></td><td>ODVILLAG-36H</td></tr><tr><td><input type="checkbox"/></td><td>ODVILLAG-42T</td></tr><tr><td><input type="checkbox"/></td><td>ODVILLAG-42H</td></tr></tbody></table>		<input type="checkbox"/>	ODVILLAG-36T	<input type="checkbox"/>	ODVILLAG-36H	<input type="checkbox"/>	ODVILLAG-42T	<input type="checkbox"/>	ODVILLAG-42H
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<small>This product is covered by one or more of the following patents: (Nos produits sont couverts par un ou plusieurs des brevets suivants): (United States) 4,112,913; 4,408,594; 4,422,426; 4,424,792; 4,520,791; 4,793,322; 4,852,548; 4,875,464; 5,000,162; 5,016,609; 5,076,254; 5,191,877; 5,218,953; 5,328,356; 5,429,495; 5,452,708; 5,542,407; 5,613,487; (Australia) 543790; 586383; (Canada) 1,123,296; 1,297,746; 2,195,264; (Mexico) 97-0457; (New Zealand) 200265; or other U.S. and foreign patents pending (ou autres brevets américains et étrangers en attente).</small>																										

4072-166A

B. Warranty

Outdoor Lifestyles by Hearth & Home Technologies™ Warranty

Hearth & Home Technologies ("HHT") extends the following warranty for all Outdoor Lifestyles by HHT™ brand products ("Products") that are purchased from an HHT authorized dealer.

WARRANTY COVERAGE:

HHT warrants to the original owner of the Product at the site of installation, and to any transferee taking ownership of the Product at the site of installation within one year following the date of original purchase, that the Product will be free from defects in materials and workmanship at the time of manufacture. After installation, if covered components manufactured by HHT are found to be defective in materials or workmanship during the applicable warranty period, HHT will, at its option, repair or replace the covered components. This warranty is subject to conditions, exclusions and limitations as described below.

WARRANTY PERIOD:

The warranty period runs for one year, beginning on the earlier of: (i) the date of invoice for the Product; (ii) in the case of new home construction, the date of first occupancy of the residence or six months after the date of sale of the Product by an HHT authorized dealer, whichever occurs first; or (iii) the date 24 months following the date of Product shipment from HHT, regardless of the invoice or occupancy date.

WARRANTY CONDITIONS:

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

WARRANTY EXCLUSIONS:

This warranty does not cover the following:

- Changes in surface finishes as a result of normal use. As a heating appliance, some changes in color of interior and exterior surface finishes may occur; this is not a flaw and not covered under warranty.
- Damage to printed, plated, or enameled surfaces caused by fingerprints, accidents, misuse, scratches, melted items, or other external sources and residues left on surfaces from the use of abrasive cleaners or polishes.
- Repair or replacement of parts that are subject to normal wear and tear during the warranty period. These parts include: paint, firebricks, grates, flame guides and the discoloration of glass.
- Minor expansion, contraction, or movement of certain parts causing noise. These conditions are normal and complaints related to this noise are not covered by this warranty.

- Damages resulting from: (1) failure to install, operate, or maintain the Product in accordance with the installation instructions, operating instructions, and listing agent identification label furnished with the Product; (2) failure to install the Product in accordance with local building codes; (3) shipping or improper handling; (4) improper operation, abuse, misuse, continued operation with damaged, corroded or failed components, accident, or incorrectly performed repairs; (5) inadequate ventilation, negative pressure or environmental conditions, including, without limitation: hail, snow, ice, fallen branches, flooding, water damage and fading of color; (6) use of fuels other than those specified in the operating instructions; (7) installation or use of components not supplied with the Product or any other components not expressly authorized and approved by HHT; (8) modification of the Product not expressly authorized and approved by HHT in writing; and/or (9) interruptions or fluctuations of electrical power supply to the Product.
- Non-HHT venting components, hearth components or other accessories used in conjunction with the Product.
- Any part of a pre-existing fireplace system in which an insert or a decorative gas appliance is installed.
- The Product's capability to heat the desired space. Information is provided to assist the consumer and the dealer in selecting the proper appliance for the application. Consideration must be given to the Product's location and configuration and environmental conditions.

This warranty is void if:

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

LIMITATIONS OF LIABILITY:

Repair or replacement in accordance with the provisions of this warranty will be the owner's exclusive remedy for and will constitute HHT's sole obligation under this warranty, under any other warranty (express or implied), or in contract, tort or otherwise; provided, however, that if HHT is unable to provide repair or replacement in an expedient and cost effective manner, HHT may discharge all such obligations by refunding the purchase price of the Product. No employee, agent, dealer, or other person is authorized to give any warranty on behalf of HHT. TO THE EXTENT ALLOWED BY LAW, HHT MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. HHT WILL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING OUT OF DEFECTS IN OR USE OF THE PRODUCTS. Some states do not allow exclusions or limitation of incidental or consequential damages, so these limitations may not apply to you. This warranty gives you specific rights; you also may have other rights, which vary from state to state. The duration of any implied warranty is limited to the duration of the warranty period specified herein.

2 Product Specific & Important Safety Information

A. Appliance Certification

MODELS: ODVILLAG-36T, ODVILLAG-36H,
ODVILLAG-42T, ODVILLAG-42H
LABORATORY: Underwriters Laboratories Inc. (UL)
TYPE: Outdoor Decorative Gas Appliance
STANDARD: ANSI Z21.97-2012/ CSA 2.41-2012

This product is listed to ANSI standards for outdoor decorative gas appliances.

Outdoor Lifestyles is a registered trademark of Hearth & Home Technologies.

When an appliance is for connection to a fixed piping system, 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 International Fuel Gas Code.**

B. BTU Specifications

This appliance is listed for use with the outdoor decorative hearth kit supplied.

Maximum allowable BTU ratings:

Unit	Max BTU/HR
ODVILLAG-36	40,000
ODVILLAG-42	42,000

C. Non-Combustible Materials

- Materials which will not ignite and burn, composed of any combination of the following:
 - Steel
 - Brick
 - Concrete
 - Glass
 - Iron
 - Tile
 - Slate
 - Plasters
- Materials reported as passing **ASTM E 136, Standard Test Method for Behavior of Metals, in a Vertical Tube Furnace at 750° C**

D. Combustible Materials

- Materials made of or surfaced with any of the following materials:
 - Wood
 - Plant fibers
 - Plywood/OSB
 - Compressed paper
 - Plastic
 - Sheet rock (drywall)
- Any material that can ignite and burn; flame proofed or not, plastered or un-plastered

E. High Altitude Installations

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

When installing above 2000 feet elevation:

- In the USA: Reduce input rate 4% for each 1000 feet above 2000 feet.
- In CANADA: Input ratings are certified without a reduction of input rate for elevations up to 4500 feet (1370 m) above sea level. Please consult provincial and/or local authorities having jurisdiction for installations at elevations above 4500 feet (1370 m).

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



WARNING: This product and the fuels used to operate this product (liquid propane or natural gas), and the products of combustion of such fuels, can expose you to chemicals including benzene, which is known to the State of California to cause cancer and reproductive harm. For more information go to: www.P65Warnings.ca.gov.

3 Getting Started

A. Design and Installation Considerations

These appliances must be installed outdoors.

This outdoor gas appliance is designed for outdoor use. It may also be installed in screened porches and lanais that meet these minimum requirements:

- Minimum porch area: 96 sq. ft.
- Minimum ceiling height 84 in.
- Minimum of two walls must be screened.
- Minimum top of screen height, side walls: 6 ft. 8 in.
- Minimum screen area: 64 sq. ft.

Refer to Section 4.B. for clearances.

CAUTION

Check building codes prior to installation.

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

Installation **MUST** comply with local, regional, state and national codes and regulations. Consult the authorities having jurisdiction over restrictions, installation inspection and permits.

Before installing, determine the following:

- Where the appliance is to be installed.
 - Clearance to side walls
 - Location of indoor appliance terminations, air inlets, gas meters, etc.
 - Doors
 - Location of the fireplace to a door that swings open to ensure it does not interfere with the fireplace when opened
 - Windows
 - Walkways
 - Wires
 - Possibility of flooding or running water
- Gas supply piping requirements.
- Electrical wiring requirements.
- Framing and finishing details.

Moisture Resistance

This outdoor gas appliance will shed moderate amounts of water, but is not waterproof. Water and condensing water vapor may enter the enclosure under certain conditions.

The appliance will not perform as an exterior wall. Moisture penetration must be considered for construction that places the appliance in structure walls or on moisture sensitive surfaces.

When installed on exterior walls: Hearth & Home Technologies recommends that the appliance enclosure be constructed outside the structure's weather envelope. Where the platform meets the wall, use a flashing detail similar to that required for attached decks. Enclosure platforms, including hearths should slope away from the structure at 1/8 in. to 1/4 in. per foot. The appliance can be shimmed level.

When installed on surfaces where water may collect or cause damage: Hearth & Home Technologies recommends that a drainage pan be placed under the unit. This can be constructed of metal, adhesive polymer membrane (such as ice and water shield) or other suitable materials. A means of drainage out of the pan such as tubes or weep holes should be provided. A slope of 1/8 in. to 1/4 in. per foot towards the drain port is suggested. The appliance can be shimmed level.

Hearths should slope away from the front of the appliance and enclosure at 1/8 in. to 1/4 in. per foot.

B. Inspect Appliance and Components

- Remove the appliance and components from the packaging and inspect for damage.
- Report any parts damaged in shipment to your dealer.
- **Read all the instructions before starting the installation. Follow these instructions carefully during the installation to ensure maximum safety and benefit.**

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

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

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

Any such action may cause a fire hazard.

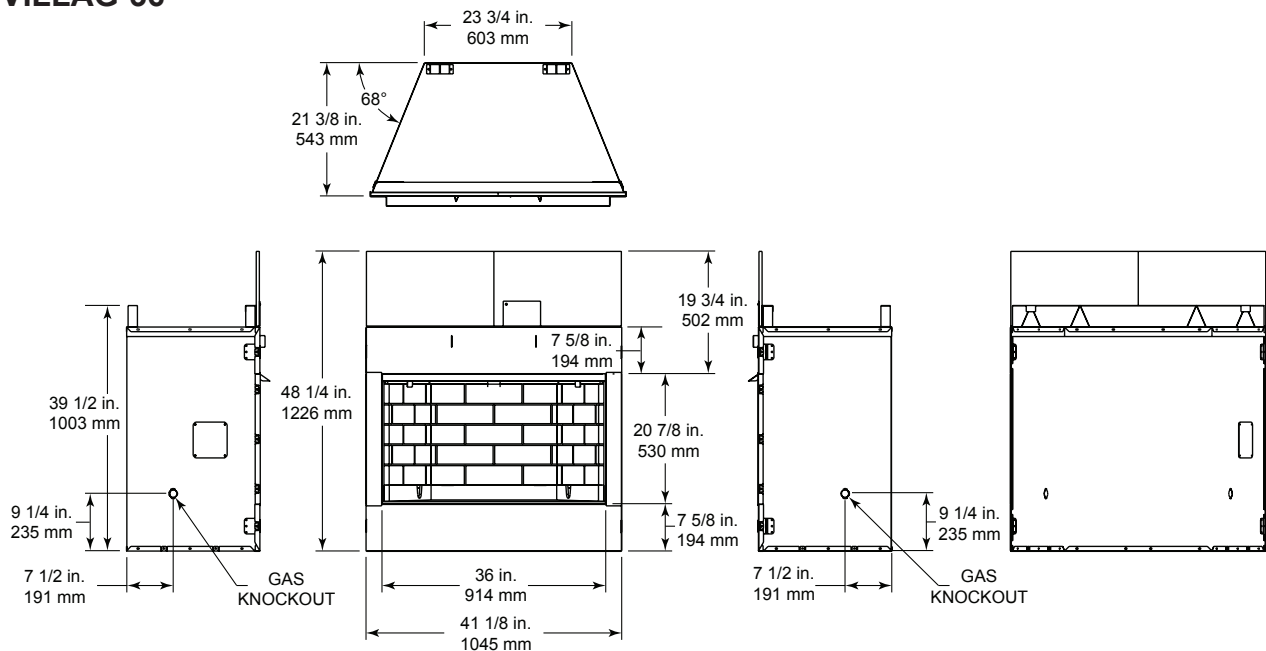
WARNING! Risk of Fire or Explosion! DO NOT use this appliance if any part has been under water. Call a qualified service technician to inspect the appliance and to replace any part of the gas control system which has been under water.

4 Framing and Clearances

A. Appliance Dimension Diagram

Dimensions are actual appliance dimensions. Use for reference only. For framing dimensions and clearances refer to Figures 4.2, 4.3, 4.4, 4.5, 4.6.

ODVILLAG-36



ODVILLAG-42

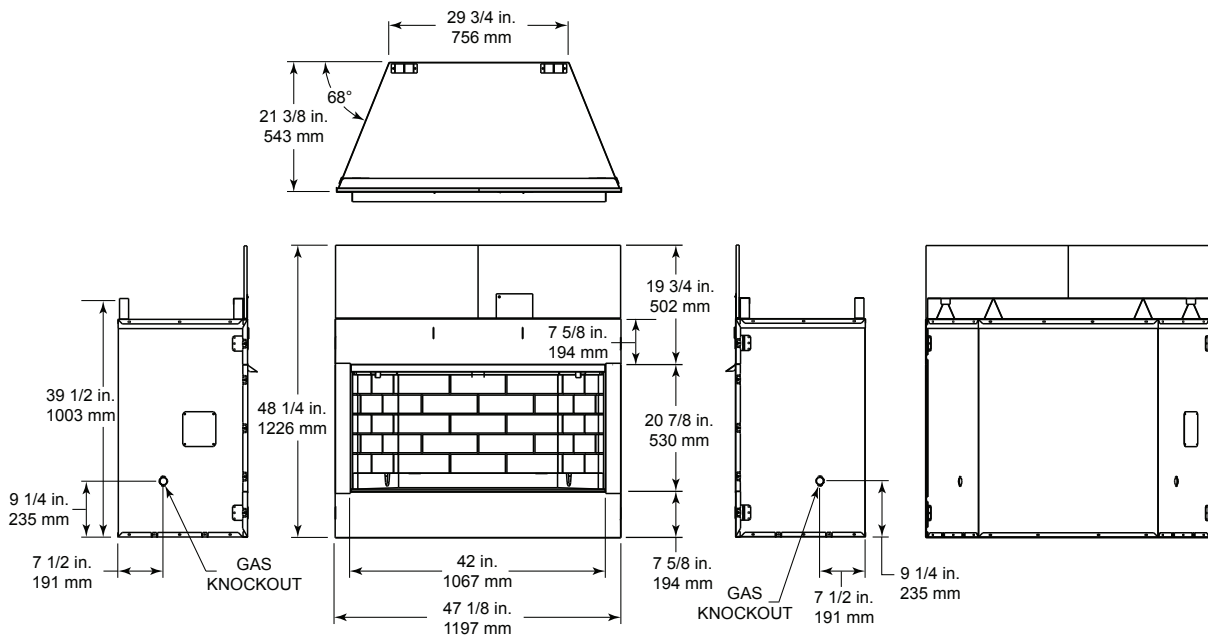


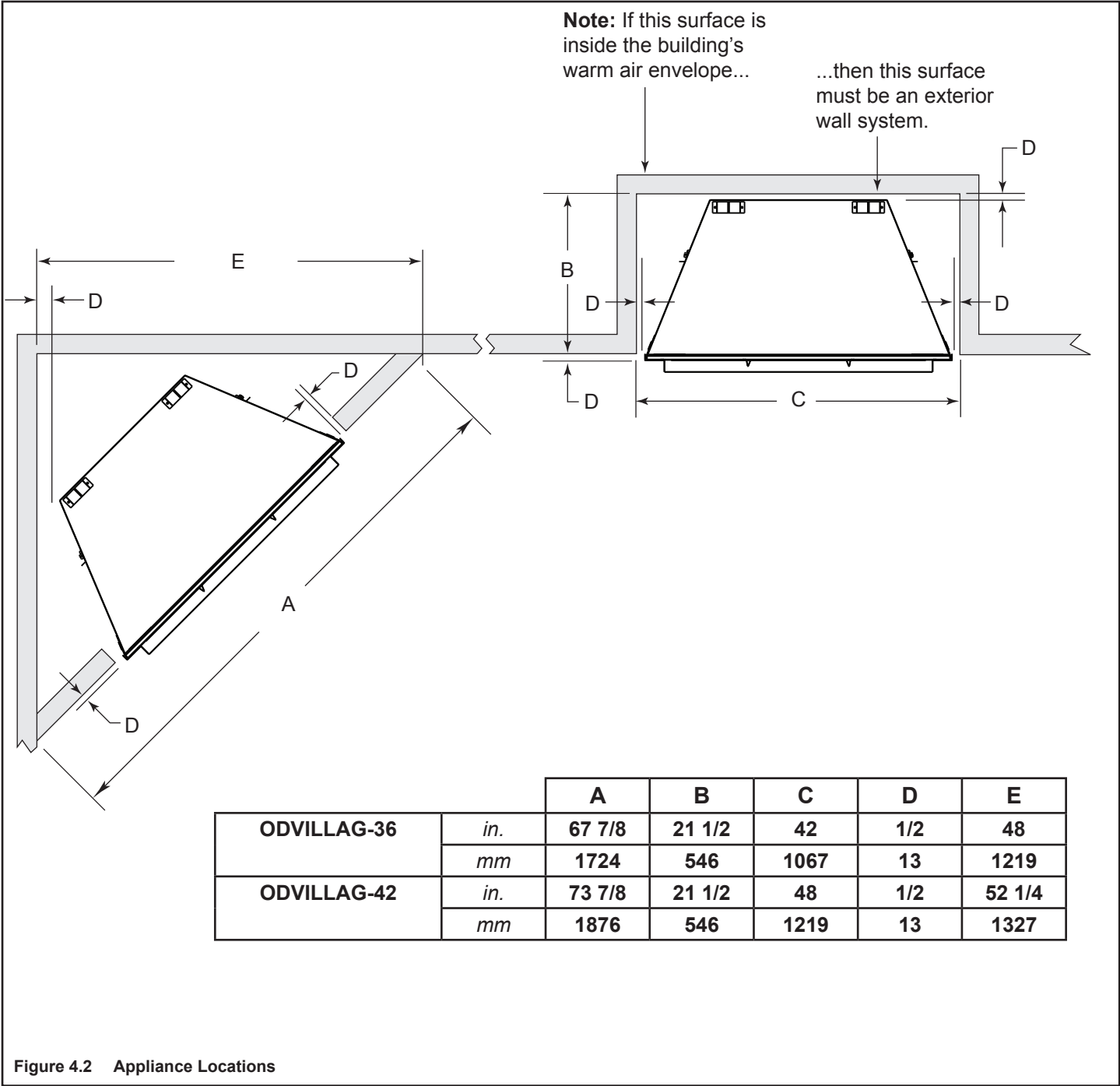
Figure 4.1 Appliance Dimensions

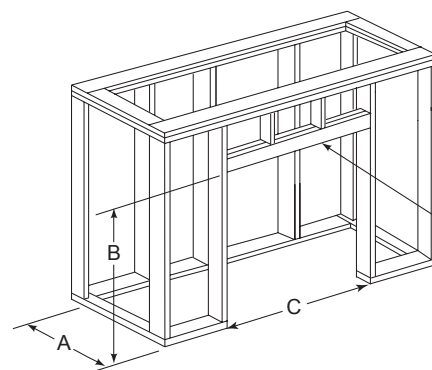
B. Clearances to Combustibles

When selecting a location for the appliance it is important to consider the required clearances to walls (see Figure 4.2).

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

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





Framing Dimensions

		A	B	C
ODVILLAG-36	in.	21 1/2	39 3/4	42
	mm	546	1010	1067
ODVILLAG-42	in.	21 1/2	39 3/4	48
	mm	546	1010	1219

Use only noncombustible material below the top of the top standoffs.

Upper front can be covered with non-combustible material or removed and replaced with non-combustible material.

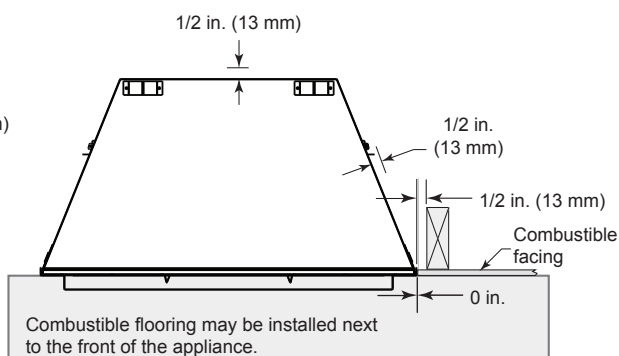
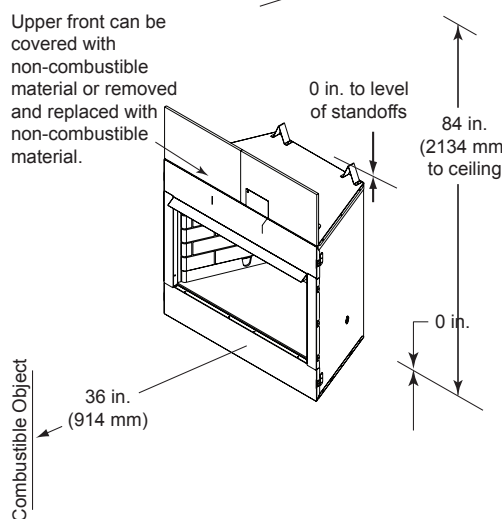
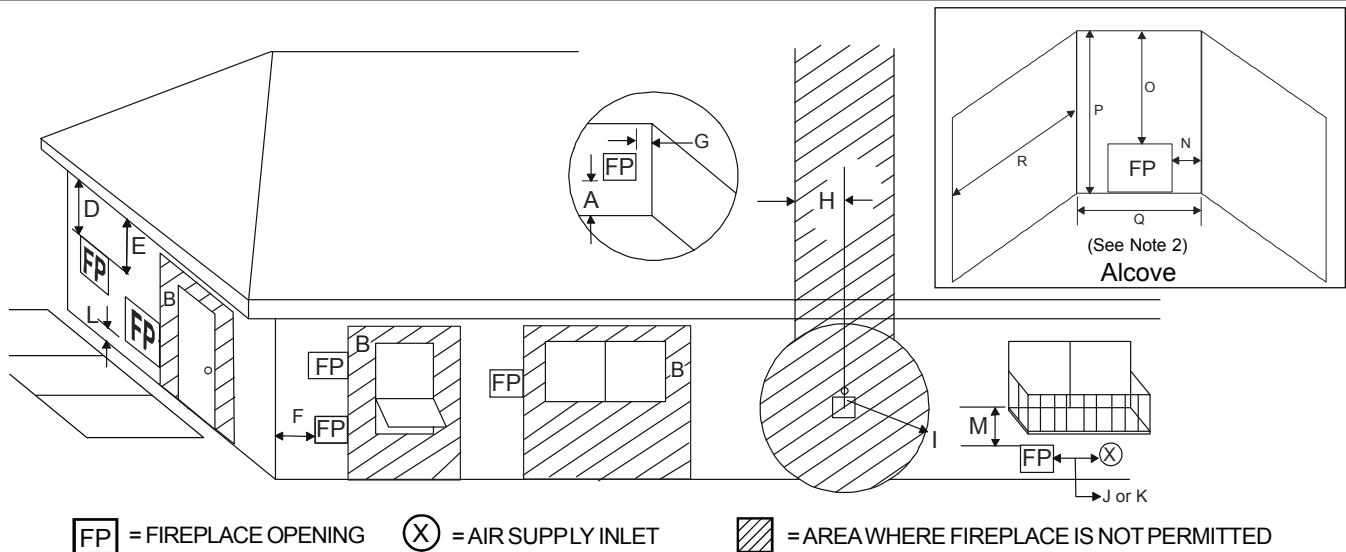


Figure 4.3 Framing Dimensions

C. Vent Termination Minimum Clearances



A = 0 in.	clearances above grade, veranda, porch, deck or balcony.	J = 9 in. (USA) 12 in. (Canada) .	clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance.
B = 12 in.	clearances to window or door that may be opened, or to permanently closed window.	K = 3 ft. (USA) 6 ft. (Canada) .	clearance to a mechanical air supply inlet.
20 in.	vinyl windows or siding.	L =	(See note 4)
D = 47 in.	vertical clearance to unventilated soffit or to ventilated soffit located above the terminal.	M** = 47 in.	clearance under veranda, porch, deck, balcony or overhang.
60 in.	vinyl clad soffits.		Not allowed: vinyl
F = 9 in.	clearance to outside corner.	N* = 12 in.	clearance to inside corner, non-vinyl siding. (Alcove)
G* = 12 in.	clearance to inside corner, non-vinyl siding.	O = 47 in.	
H = 3 ft. (Canada) .	not to be installed above a gas meter/regulator assembly within 3 ft (914 mm) horizontally from the center line of the regulator.	P = 84 in.	
I = 3 ft. (USA) 6 ft. (Canada) .	clearance to service regulator vent outlet and electric service.		

* 48 in. minimum for vinyl windows or vinyl siding.
 ** only permitted if veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor, or if the screened porch guidelines are followed.

Note 1: Local codes or regulations may require different clearances.
Note 2: Appliance in an alcove space (spaces open only on one side and with an overhang) are permitted with the dimensions specified for vinyl or non-vinyl siding and soffits. **1)** There must be a 3 ft minimum between terminations or between the fireplace and termination. **2)** All mechanical air intakes within 10 ft of a termination must be a minimum of 3 ft below the fireplace hood. **3)** All gravity air intakes within 3 ft of the fireplace opening must be a minimum of 1 ft below the termination.

	Q_{MIN}	R_{MAX}
VillaGas	10 feet	$2 \times Q_{ACTUAL}$
1 additional termination cap	$Q + 3$ feet	$1 \times Q_{ACTUAL}$
2 additional termination caps	$Q + 6$ feet	$2/3 \times Q_{ACTUAL}$
3 additional termination caps	$Q + 9$ feet	$1/2 \times Q_{ACTUAL}$
$R_{MAX} = (2 / \# \text{ caps plus fireplace }) \times Q_{ACTUAL}$		

This fireplace is approved for installation onto screen porches with the following guidelines:

Minimum porch area: 96 sq ft
 Minimum ceiling height: 84 in.
 Minimum of two walls must be screened
 Minimum top of screen height, side walls: 80 in.
 Minimum screen area: 64 sq ft

Note 3: There may be some odor and small amounts of soot associated with burning outdoor gas fireplaces on a screened porch. Consider prevailing wind direction for best flame performance.

Note 4: For appliances installed facing or opening onto public property or property servicing more than one single family dwelling, such as driveways, sidewalks, etc. refer to local building codes/regulations for proper clearances.

Figure 4.4 Minimum Clearances

D. Constructing the Appliance Enclosure

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

WARNING! Risk of Fire! Maintain specified air space clearances to appliance.

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

E. Securing and Leveling the Appliance

WARNING! Risk of Fire! Prevent contact with:

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

DO NOT notch the framing around the appliance standoffs.

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

The diagram shows how to properly position and secure the appliance (see Figure 4.4). Nailing tabs are provided to secure the appliance to the framing members.

- Bend out nailing tabs on each side.
- Place the appliance into position.
- Keep nailing tabs flush with the framing.
- Level the appliance from side to side and front to back.
- Shim the appliance as necessary. It is acceptable to use wood shims underneath the appliance.
- Secure the appliance to the framing by using nails or screws through the nailing tabs.
- Secure the appliance to the floor by inserting two screws through the pilot holes at the bottom of the appliance.

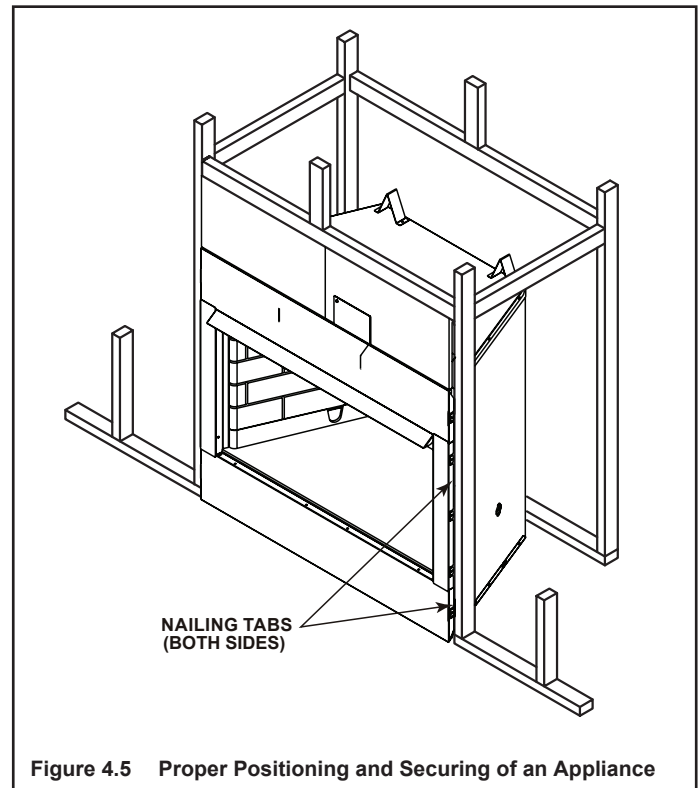


Figure 4.5 Proper Positioning and Securing of an Appliance

F. Non-Combustible Material Installation

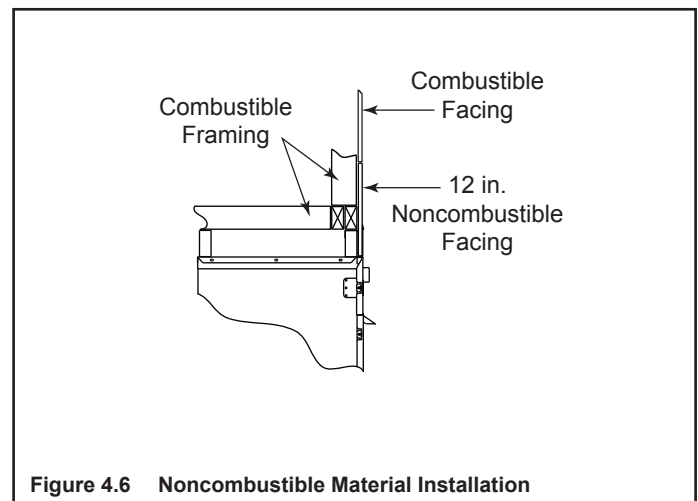


Figure 4.6 Noncombustible Material Installation

- A 12 in. noncombustible facing material (supplied) is required off the top of the appliance. Above 12 in., a combustible facing material is acceptable.
- Combustible framing can be installed above appliance top standoffs, behind the 12 in. noncombustible facing.

5 Gas Information

A. Fuel Conversion




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

B. Gas Pressure

Refer to instructions provided with hearth kit (4072-179).

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

- Verify inlet pressures. Verify minimum pressures when other household gas appliances are operating.
- Install regulator upstream of valve if line pressure is greater than 1/2 psig (14 in. w.c.).

 WARNING	
	Fire Risk.
	Explosion Hazard.
	High pressure will damage valve.
	<ul style="list-style-type: none">• Disconnect gas supply piping BEFORE pressure testing gas line at test pressures above 1/2 psig.• Close the manual shutoff valve BEFORE pressure testing gas line at test pressures equal to or less than 1/2 psig.

When an appliance is for connection to a fixed piping system, 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 International Fuel Gas Code.**

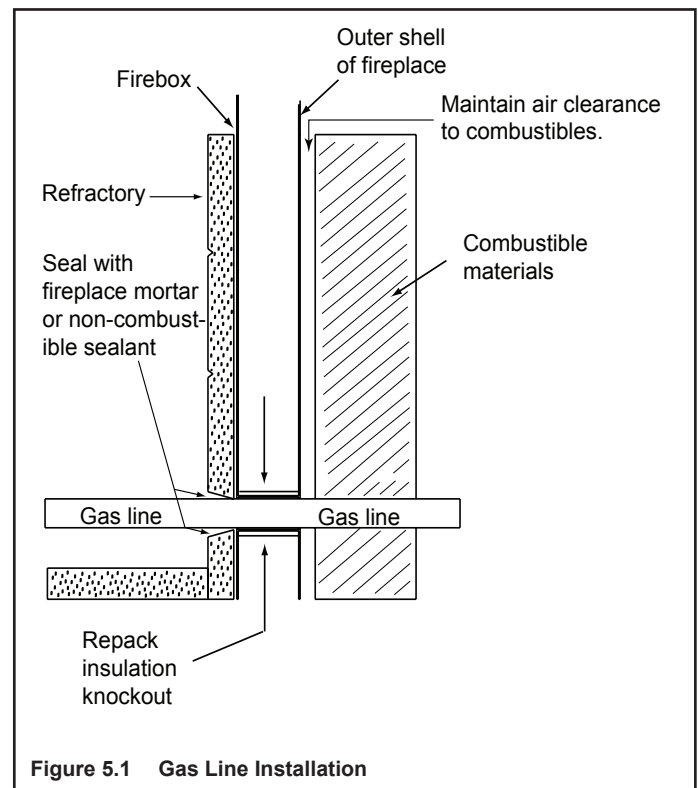
C. Gas Connections Provision

WARNING! Fire and/or Asphyxiation Risk! Use with outdoor decorative appliance only. Not for use with solid fuel.

The certified outdoor decorative hearth kit (supplied) must be installed in this fireplace.

- Knockouts are provided on both sides of the fireplace and in refractories for 1/2 in. (13 mm) iron pipe.
- Seal refractory around pipe with fireplace mortar or a non-combustible sealant.

NOTE: Hearth & Home Technologies recommends when installing rigid gas pipe in the Villa Gas appliance that an accessible pipe joint (not a union) be provided inside of the firebox to aid in replacement of the appliance hearth refractory, should it become necessary.



D. High Altitude Installations

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

When installing above 2000 feet elevation:

- In the USA: Reduce input rate 4% for each 1000 feet above 2000 feet.
- In CANADA: Input ratings are certified without a reduction of input rate for elevations up to 4500 feet (1370 m) above sea level. Please consult provincial and/or local authorities having jurisdiction for installations at elevations above 4500 feet (1370 m).

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

E. Air Shutter Setting

Refer to instructions provided with hearth kit (4072-179).

6 Finishing

A. Facing Material

- The Villa Gas appliance requires the front of the appliance to be covered with noncombustible material (e.g.: stone, marble, tile, etc.) A maximum of one (1) inch of exposed metal on all sides is permitted.
- Facing and/or finishing materials must not interfere with air flow through louvers, operation of louvers or doors, or access for service.
- Facing and/or finishing materials must never overhang into the appliance opening.
- Observe all clearances when applying combustible materials.
- Seal joints between the finished wall and appliance top and sides using a 300° F minimum sealant. Refer to Figure 6.1.

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

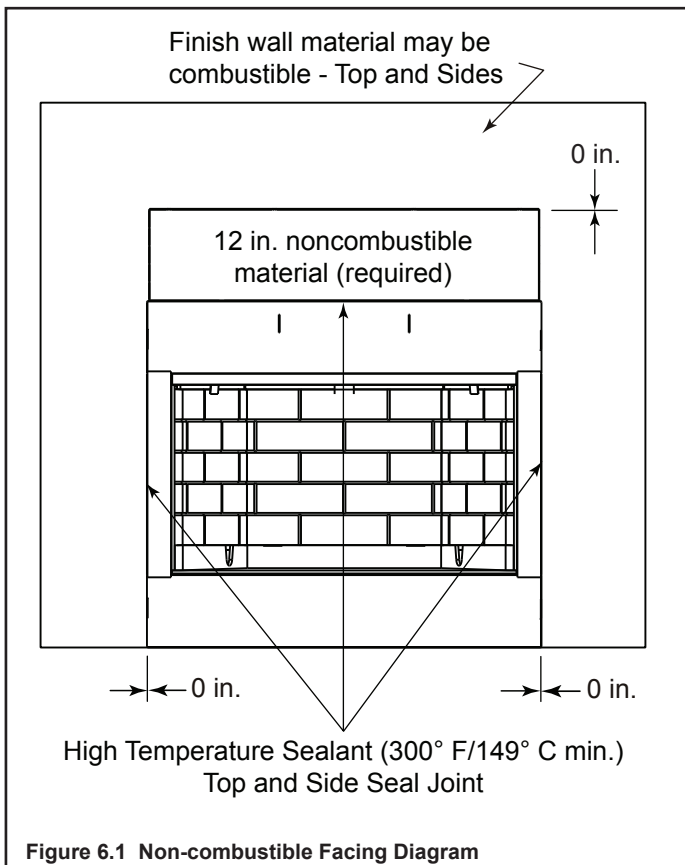


Figure 6.1 Non-combustible Facing Diagram

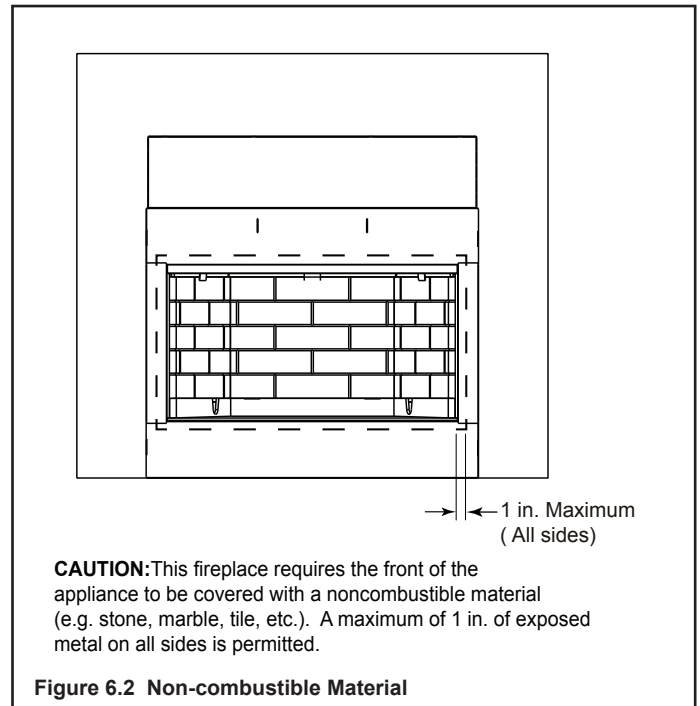


Figure 6.2 Non-combustible Material

B. Mantel and Wall Projections

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

Mantels

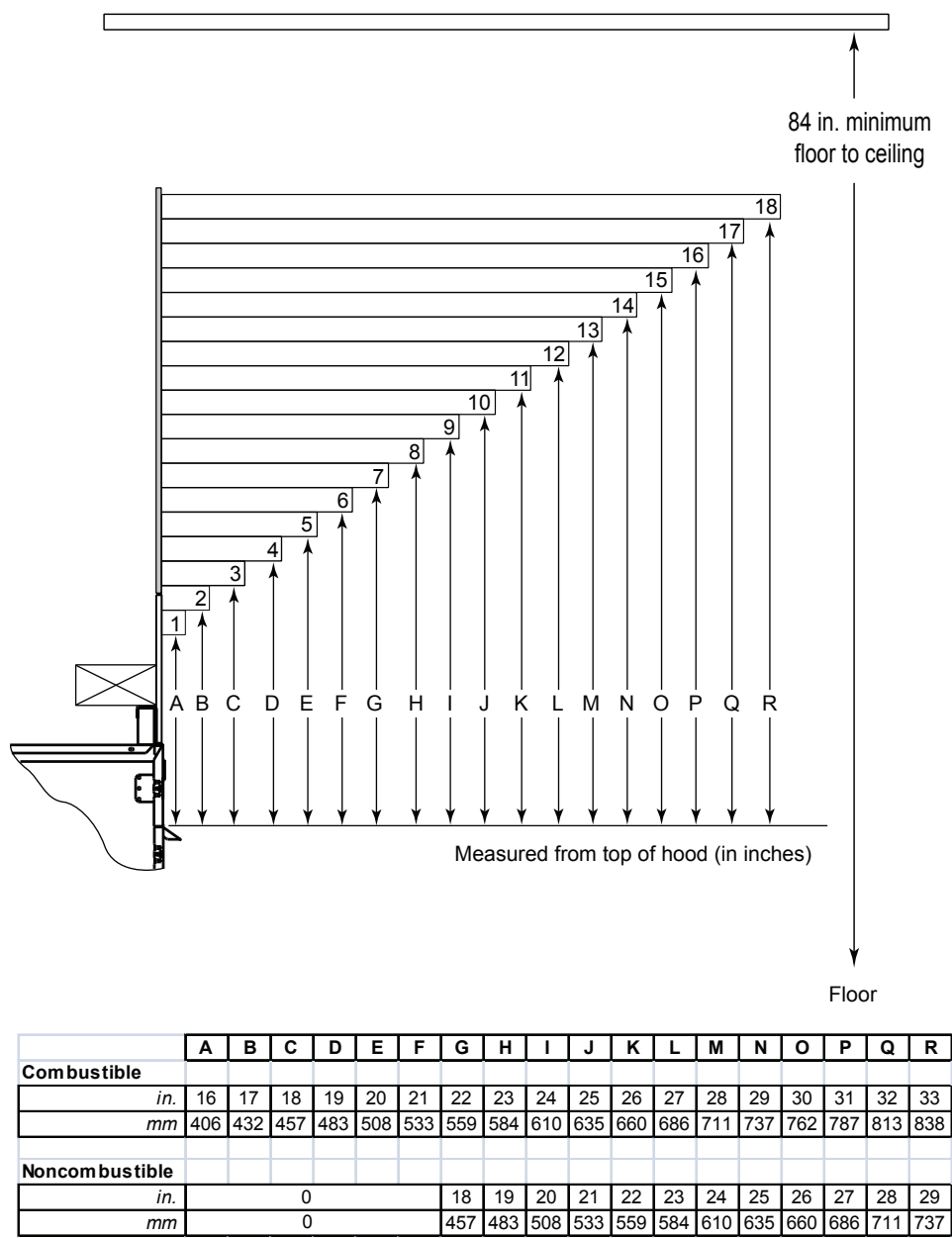
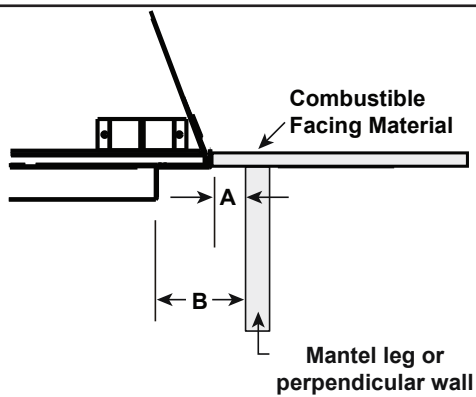


Figure 6.3 Minimum Vertical and Maximum Horizontal Dimensions of Combustibles

Mantel Legs or Wall Projections



Combustible	
A	12 IN. (305 MM) MIN. TO PERPENDICULAR WALL
B	14-1/2 IN. (368 MM) MIN. FROM FIREPLACE OPENING TO PERPENDICULAR WALL

Noncombustible	
A	6 IN. (152 MM) MIN. TO PERPENDICULAR WALL
B	8-1/2 IN. (216 MM) MIN. FROM FIREPLACE OPENING TO PERPENDICULAR WALL

Figure 6.4 Mantel Leg or Wall Projections (Acceptable on both sides of opening)

7 Appliance Setup

A. Remove the Shipping Materials

Remove hearth kit (2 boxes) from inside the firebox.

B. Clean the Appliance

Clean/vacuum any sawdust that may have accumulated inside the firebox.

C. Install Hood

- Loosen six screws located on bottom edge of upper face.
- Slide hood into position.
- Tighten six screws previously loosened.

D. Install Hearth Kit (provided)

Refer to instructions provided with hearth kit (4072-179).

E. Install Mesh Door (optional)

Refer to instructions provided with mesh doors.

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

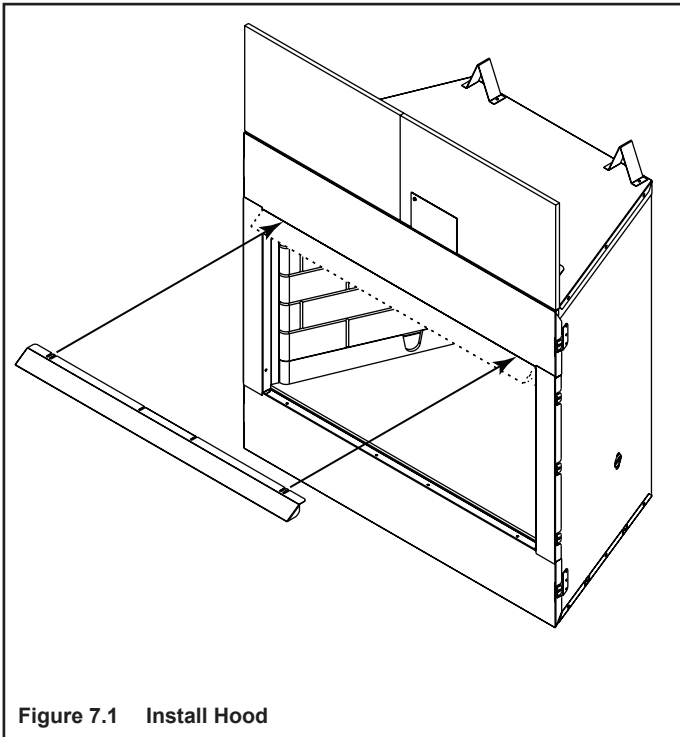


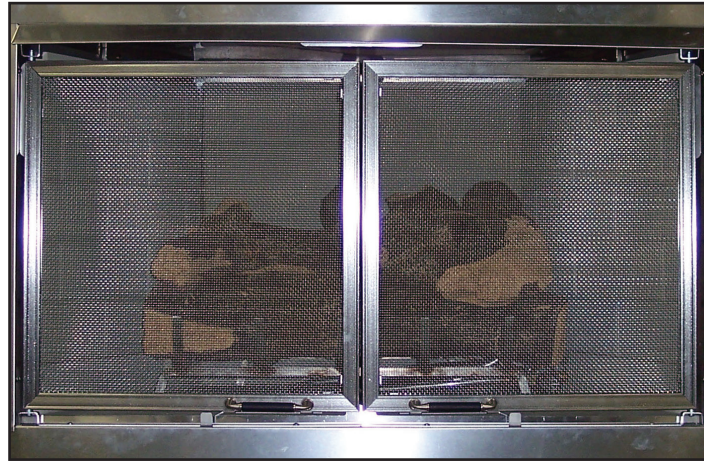
Figure 7.1 Install Hood

8 Maintenance and Service

- Refer to installation instructions provided with the hearth kit (4072-179).
- Any guard or other protective device removed for servicing the 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 qualified service person. More frequent cleaning may be required as necessary. It is imperative that control compartment, burners, and circulating air passageways of the appliance be kept clean.

B. Accessories

Mesh Doors



DSVILLA36
DSVILLA42

C. Contact Information



Hearth & Home Technologies
7571 215th Street West
Lakeville, MN 55044
www.hearthnhome.com

Please contact your Outdoor Lifestyles dealer with any questions or concerns.

For the number of your nearest Outdoor Lifestyles dealer, please visit www.hearthnhome.com.

– NOTES –

NOTICE



DO NOT DISCARD THIS MANUAL

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



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

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