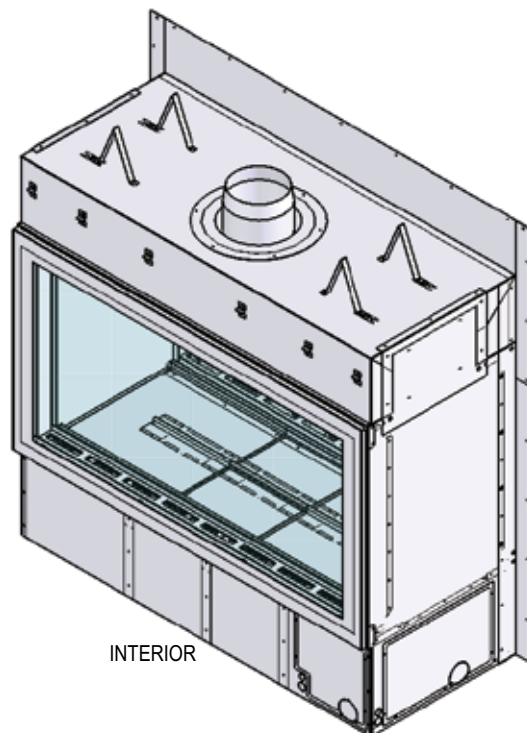




stellar.heatnglo.com

Custom Fireplace Program Co-linear Direct Vent Gas Fireplaces

THE TRANSCEND COLLECTION Indoor/Outdoor See Through Installation and Operating Manual NG & Propane



INTERIOR

DO NOT DISCARD

Installer: Leave this manual with the appliance.
Consumer: Retain this manual for future reference.

WARNING: If the information in these instructions are 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.

⚠ WARNING



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



We recommend 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.

Listing Label Information

This manual should be read thoroughly before installing or operating the fireplace. Installers, please leave manual for the homeowner to use for future reference.

Please have the fireplace model information available when contacting Stellar for additional information and service work.

PRODUCT SERIAL NUMBER & MANUFACTURING DATE CODE
STICKER WILL BE PLACE ON FRONT COVER



	GAS-FIRED LISTED MH48906	 STELLAR by Heat & Glo	Vented Gas Fireplace Not For Use With Solid Fuel																																																	
			DATE OF MFG	SERIAL NO.																																																
<div></div> <div></div>																																																				
<p>Tested to: ANSI Z21.50-2019/CSA 2.22-2019 Vented Decorative Gas Appliance and ANSI Z21.97-2017/CSA 2.41-2017 Outdoor Decorative Gas Appliances. This vented gas fireplace is not for use with air filters. 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.</p>																																																				
<hr/> This unit is equipped for use with: NATURAL GAS <hr/>																																																				
Model Number, Input and Orifice Specifications - NATURAL GAS																																																				
<table border="0"><tr><td>Manifold Pressure HI Setting (in W.C.)</td><td>3.5"</td></tr><tr><td>Manifold Pressure LO Setting (in W.C.)</td><td>3.5"</td></tr><tr><td>Minimum Inlet Pressure (in W.C.)</td><td>7.0"</td></tr><tr><td>Maximum Inlet Pressure (in W.C.)</td><td>10.0"</td></tr><tr><td>Electrical Specifications</td><td>120 VAC, 5.8 amp (.35kW)</td></tr></table>					Manifold Pressure HI Setting (in W.C.)	3.5"	Manifold Pressure LO Setting (in W.C.)	3.5"	Minimum Inlet Pressure (in W.C.)	7.0"	Maximum Inlet Pressure (in W.C.)	10.0"	Electrical Specifications	120 VAC, 5.8 amp (.35kW)																																						
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<p>Electrical Ratings: 120 Volts, 50/60 Hz, 6.0 Amps Max. This appliance is equipped for altitudes 0-2,00 ft. (0-610m) in USA, and 0-4,500 ft. (0-1370cm) in Canada. Above these altitudes, contact Stellar Hearth for conversion if necessary.</p> <hr/>																																																				

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1 - SAFETY INFORMATION

This fireplace complies with ANSI Z21.50-2019/CSA 2.22-2019 Vented Gas Fireplaces and CAN/CSA P.4.1-15.

Installation must conform with local building codes or in the absence of local building codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54 - Current Edition, or the Natural or Propane Installation Code, CSAB149.1

A. SAFETY ICON DESIGNATIONS

Various safety icons appear throughout this installation manual. Please familiarize yourself with the icons making sure you understand the serious consequences that may occur if ignored or of handling the products inappropriately.



IMPORTANT NOTE

This indicates additional instructions that you should consider during the installation.



DO NOT

This indicates something that you must never do.



RISK OF FIRE

This designates a danger of risk of fire or damage to property.



HOT GLASS WARNING

This indicates danger of serious bodily injury or property damage if glass is handled while still hot.



CAUTION

This indicates danger of serious bodily injury or property damage



STOP!

This indicates notes that may include reviewing warnings on other pages throughout the manual

B. IMPORTANT SAFETY CONSIDERATIONS

- Installation and repair should be done only by a qualified service person. The appliance should be inspected by a qualified service person before use. Annual inspection by a qualified service person is required to maintain warranty. More frequent cleaning may be required due to excessive lint from carpeting, bedding materials, etc. It is imperative that control compartments, burners and circulation air passageways of the appliance be kept clean.
 - Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.
 - 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.
 - Clothing or other flammable material should not be placed on or near the appliance.
 - Adequate accessibility clearances for servicing and proper operation must be maintained.
 - This appliance must not share or be connected to a chimney flue serving any other appliance.
 - Keep area around the appliance clear of combustible materials, gasoline and other flammable vapor and liquids.
 - The flow of combustion and ventilation air must not be obstructed.
 - Due to high temperatures the appliance should be located out of traffic and away from furniture and draperies.
 - The glass front or any part removed for servicing the appliance must be replaced prior to operating the appliance. Work should be done by a qualified service technician.
 - Clean glass only when cool and only with non-abrasive cleansers.
 - Do not operate this appliance with the glass/frame assembly removed, cracked or broken. Replacement of the glass assembly must only be performed by a licensed or qualified service person. **DO NOT SUBSTITUTE MATERIALS.**
 - Do not strike or slam glass assembly.
 - Keep burner and control compartment clean.
 - Do not use this fireplace if any part has been under water. Immediately call a qualified service technician to inspect this appliance and to replace any part of the control system and any gas control which has been under water.
 - **DANGER:** Under no circumstances should any solid fuel (wood, coal, paper or cardboard etc.) be used in this appliance.
 - **STATE OF CA WARNING:** This product and the fuels used to operate this product (liquid propane or natural gas), and the 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.

2 - COMMONWEALTH OF MASSACHUSETTS REQUIREMENTS



NOTE: THE FOLLOWING REQUIREMENTS REFERENCE VARIOUS MASSACHUSETTS AND NATIONAL CODES NOT CONTAINED IN THIS MANUAL.

For all sidewall 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 (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 time of installation of side wall horizontally vented gas fueled equipment, the installing plumber or gas-fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gas-fitter shall observe that a battery operated or hard wired carbon monoxide detector 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 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 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 no less the one-half inch (1/2) 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.

MANUFACTURES 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.

MANUFACTURES REQUIREMENTS GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED

When the manufacturer of Product Approved side wall horizontally vented gas 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:

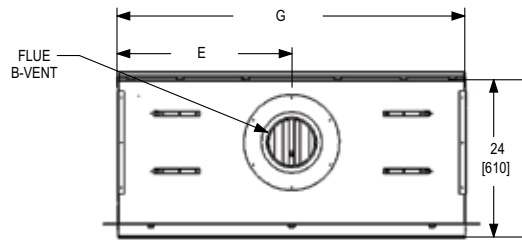
The referenced "special venting systems" instructions shall be included with the appliance or equipment installation instructions and; the "special venting systems" shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed Installation instructions.

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.

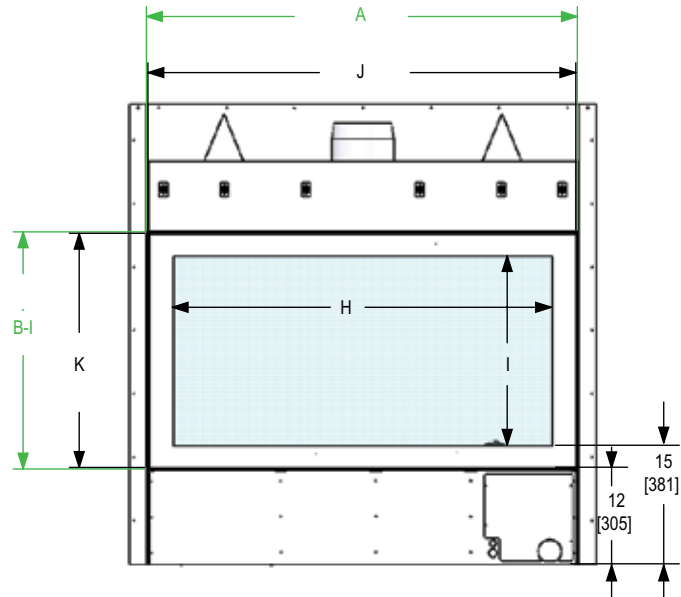
3 - SPECIFICATIONS

A. IDOD SEE THROUGH DIMENSIONS - INTERIOR

TOP VIEW



INTERIOR FRONT VIEW

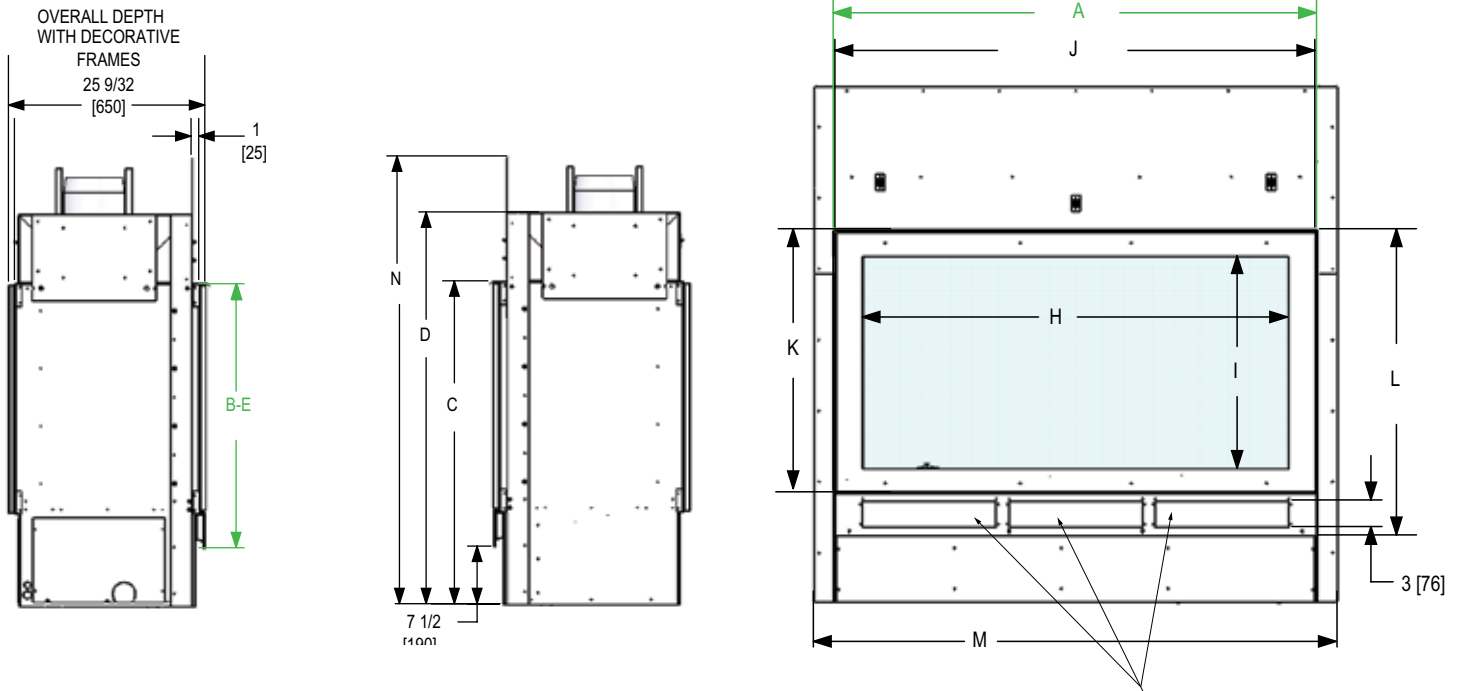


Model # (INCHES/ MILLIMETERS)	B-VENT FLUE	AIR INTAKE COLLAR	Finishing Width	Finishing Height	Finishing Height	Firebox Top Height	Overall Height	Edge To Center Flue	Depth Fireplace	Overall Width
	Diameter	Diameter	A	BI	BE	C	D	E	F1	G
24" HIGH GLASS										
3IDOD-24GL	8"	NA	42-17/32 [1,080]	30 [762]	34-23/32 [2,600]	42-1/32 [1,067]	51 [1,295]	21-1/4 [540]	24 [610]	42-17/32 [1,080]
4IDOD-24GL	8"	NA	54-17/32 [1,385]	30 [762]	34-23/32 [2,600]	42-1/32 [1,067]	51 [1,295]	27-1/4 [692]	24 [610]	54-17/32 [1,385]
5IDOD-24GL	8"	NA	66-17/32 [1,690]	30 [762]	34-23/32 [2,600]	42-1/32 [1,067]	51 [1,295]	33-1/4 [845]	24 [610]	66-17/32 [1,690]
6IDOD-24GL	10"	NA	78-17/32 [1,995]	30 [762]	34-23/32 [2,600]	42-1/32 [1,067]	51 [1,295]	39-1/4 [848]	24 [610]	78-17/32 [1,995]
7IDOD-24GL	10"	NA	90-17/32 [2,299]	30 [762]	34-23/32 [2,600]	42-1/32 [1,067]	51 [1,295]	45-1/4 [1,149]	24 [610]	90-17/32 [2,299]
8IDOD-24GL	10"	NA	102-17/32 [2,604]	30 [762]	34-23/32 [2,600]	42-1/32 [1,067]	51 [1,295]	51-1/4 [1,302]	24 [610]	102-17/32 [2,604]
36" HIGH GLASS										
3IDOD-36GL	8"	NA	42-17/32 [1,080]	36 [914]	46-23/32 [1,187]	54-1/32 [1,372]	63 [1,600]	21-1/4 [540]	24 [610]	42-17/32 [1,080]
4IDOD-36GL	8"	NA	54-17/32 [1,385]	36 [914]	46-23/32 [1,187]	54-1/32 [1,372]	63 [1,600]	27-1/4 [692]	24 [610]	54-17/32 [1,385]
5IDOD-36GL	8"	NA	66-17/32 [1,690]	36 [914]	46-23/32 [1,187]	54-1/32 [1,372]	63 [1,600]	33-1/4 [845]	24 [610]	66-17/32 [1,690]
6IDOD-36GL	10"	NA	78-17/32 [1,995]	36 [914]	46-23/32 [1,187]	54-1/32 [1,372]	63 [1,600]	39-1/4 [848]	24 [610]	78-17/32 [1,995]
7IDOD-36GL	10"	NA	90-17/32 [2,299]	36 [914]	46-23/32 [1,187]	54-1/32 [1,372]	63 [1,600]	45-1/4 [1,149]	24 [610]	90-17/32 [2,299]
8IDOD-36GL	10"	NA	102-17/32 [2,604]	36 [914]	46-23/32 [1,187]	54-1/32 [1,372]	63 [1,600]	51-1/4 [1,302]	24 [610]	102-17/32 [2,604]

Dimensions in green are the allowable finishing dimensions and the minimum required to fit the fireplace glass in to place. Finishing materials must not overlap these dimensions.

3 - SPECIFICATIONS

A. IDOD SEE THROUGH DIMENSIONS - EXTERIOR



AIR-INTAKE VENTS

Model # (INCHES/MILLIMETERS)	Viewing Area Width	Viewing Area Height	Glass Frame Width	Glass Frame Height	Glass Frame Height With OD Intake	Outer Flange Width	Outer Flange Height
	H	I	J	K	L	M	N
24" HIGH GLASS							
3IDOD-24GL	36 [914]	24 [610]	42-5/32 [1,071]	29-5/8 [752]	34-17/32 [877]	46-15/16 [1,192]	58-7/32 [1,479]
4IDOD-24GL	48 [1,219]	24 [610]	54-5/32 [1,375]	29-5/8 [752]	34-23/32 [882]	58-15/16 [1,497]	58-7/32 [1,479]
5IDOD-24GL	60 [1,524]	24 [610]	66-5/32 [1,680]	29-5/8 [752]	34-23/32 [882]	70-15/16 [1,802]	58-7/32 [1,479]
6IDOD-24GL	72 [1,829]	24 [610]	78-5/32 [1,985]	29-5/8 [752]	34-23/32 [882]	82-15/16 [2,107]	58-7/32 [1,479]
7IDOD-24GL	84 [2,134]	24 [610]	90-5/32 [2,290]	29-5/8 [752]	34-23/32 [882]	94-15/16 [2,411]	58-7/32 [1,479]
8IDOD-24GL	96 [2,438]	24 [610]	102-5/32 [2,595]	29-5/8 [752]	34-23/32 [882]	106-15/16 [2,716]	58-7/32 [1,479]
36" HIGH GLASS							
3IDOD-36GL	36 [914]	36 [914]	42-5/32 [1,071]	41-5/8 [1,057]	46-17/32 [1,182]	46-15/16 [1,192]	70-7/32 [1,783]
4IDOD-36GL	48 [1,219]	36 [914]	54-5/32 [1,375]	41-5/8 [1,057]	46-23/32 [1,187]	58-15/16 [1,497]	70-7/32 [1,783]
5IDOD-36GL	60 [1,524]	36 [914]	66-5/32 [1,680]	41-5/8 [1,057]	46-23/32 [1,187]	70-15/16 [1,802]	70-7/32 [1,783]
6IDOD-36GL	72 [1,829]	36 [914]	78-5/32 [1,985]	41-5/8 [1,057]	46-23/32 [1,187]	82-15/16 [2,107]	70-7/32 [1,783]
7IDOD-36GL	84 [2,134]	36 [914]	90-5/32 [2,290]	41-5/8 [1,057]	46-23/32 [1,187]	94-15/16 [2,411]	70-7/32 [1,783]
8IDOD-36GL	96 [2,438]	36 [914]	102-5/32 [2,595]	41-5/8 [1,057]	46-23/32 [1,187]	106-15/16 [2,716]	70-7/32 [1,783]

3 - SPECIFICATIONS

B.1 GAS & ELECTRIC ACCESS LOCATIONS (3', 4', 5', 6' & 7')

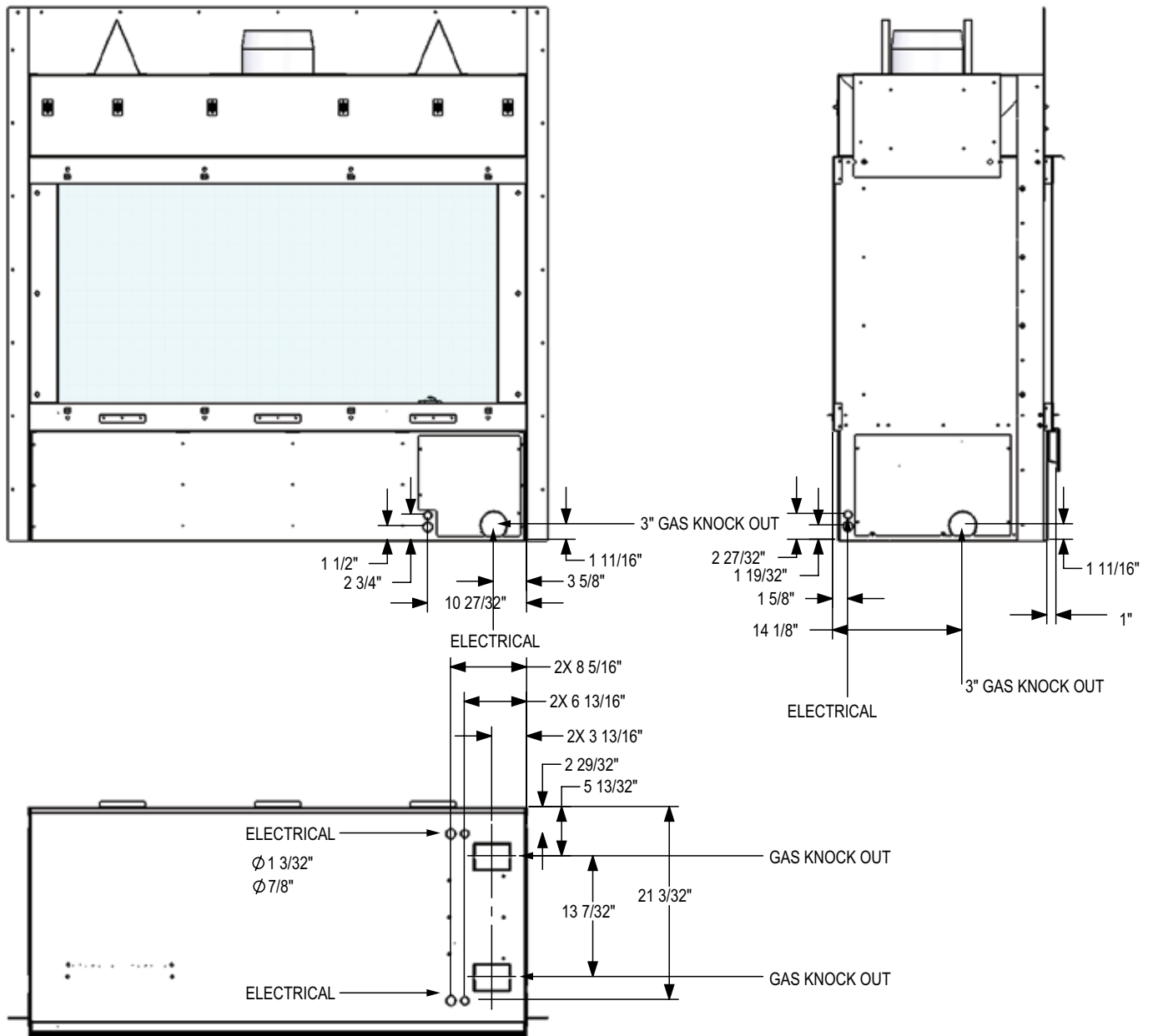


Figure 3B.1

3 - SPECIFICATIONS

B. 2 GAS & ELECTRIC ACCESS LOCATIONS (8')

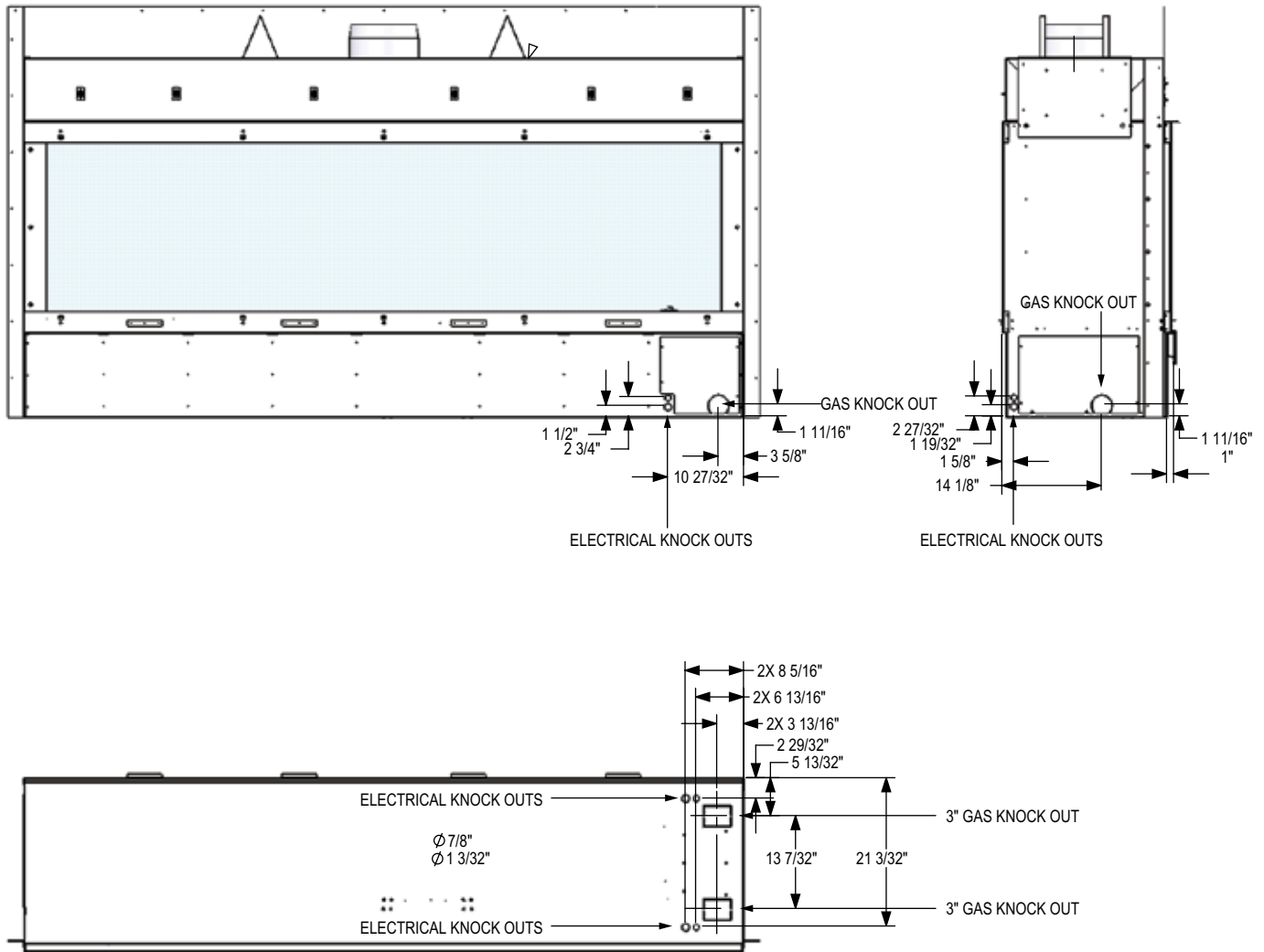


Figure 3B.2

3 - SPECIFICATIONS

C. SPECIFICATIONS

Model #	DESCRIPTION	B-VENT	OA	REG PV	IN-LINE PV	BTU'S	NG ORIFICE	Propane ORIFICE
3'	ANY HEIGHT	8"	10"	RS12	RSIF160	40,000	(2X) #43	(2X) #55
4'	ANY HEIGHT	8"	10"	RS12	RSIF160	60,000	(3X) #43	(3X) #55
5'	ANY HEIGHT	8"	10"	RS12	RSIF160	80,000	(4X) #43	(4X) #55
6'	ANY HEIGHT	10"	10"	RS14	RSIF180	100,000	(5X) #43	(5X) #55
7'	ANY HEIGHT	10"	10"	RS14	RSIF180	120,000	(6X) #43	(6X) #55
8'	ANY HEIGHT	10"	12"	RS14	RSIF180	140,000	(7X) #43	(7X) #55



WARNING: NON-COMBUSTIBLE ZONE: USE ONLY NON-COMBUSTIBLE MATERIAL IN THIS AREA FOR ENTIRE WIDTH OF FIREPLACE. DO NOT USE WOOD, SHEETROCK, ETC., IN THIS ZONE.



NOTE: OTHER CLEARANCES APPLY. ALL CLEARANCES MUST BE MAINTAINED.
Refer to Section 4 (Framing), Section 5 (Non-combustible Zone) and Section 10 (Finishing) for more information.



NOTE: The qualified installer should follow the procedure best suited for the installation.

D. INSTALLATION OVERVIEW

1. Frame should be built after the fireplace is installed or extra clearance must be planned for at the intake collar. Framing must allow for vent installation.
2. If masonry (optional) will be used, prepare foundation for the masonry load. A lintel is required to support the added weight above the fireplace.
3. Install hearth if desired.
4. Insert fireplace into framing.
5. Double check clearances to combustibles.
6. Complete gas line installation.
7. Complete electrical hook-up.
8. Complete venting installation.
9. Install facing material, mantel or cabinetry.
10. Install glass media/natural stone, and any interior options including mirrors and/or driftwood log set.
11. Verify proper operation of fireplace and all components.

E. PLACEMENT CLEARANCE REQUIREMENTS

- This fireplace must be installed on a level surface capable of supporting the fireplace and venting.
- Fireplace must be placed directly on wood or non-combustible surface (not linoleum or carpet) extending entire depth and width of fireplace.
- This fireplace may be installed in a bedroom.

2 - SPECIFICATIONS

F. CLEARANCES

From unit left & right sides	1"	25mm
To flooring under fireplace	0	0
Unit top to ceiling	6"	152mm
Unit side to adjacent sidewall	1"	25mm

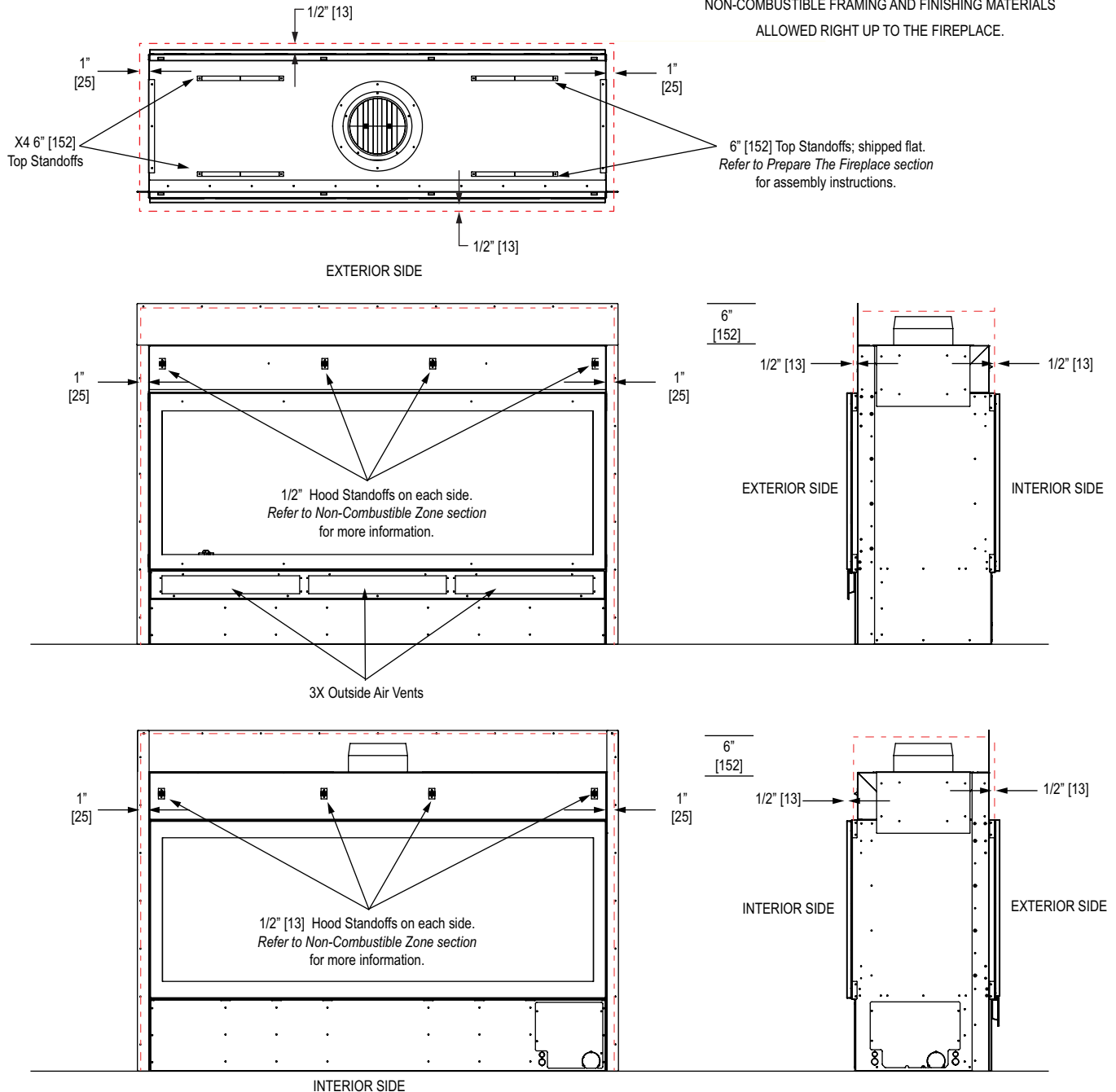
3 - SPECIFICATIONS

F. CLEARANCES

Figure 3F

CLEARANCES SHOWN ARE MINIMUM TO COMBUSTIBLES

NON-COMBUSTIBLE FRAMING AND FINISHING MATERIALS
ALLOWED RIGHT UP TO THE FIREPLACE.



4 - PREPARE THE FIREPLACE



CAUTION: FIREPLACE IS NOT LOAD-BEARING.



NOTE: OTHER CLEARANCES APPLY. ALL CLEARANCES MUST BE MAINTAINED.

A. STANDOFF INSTALLATION



STEP 1: Refer to Figure 4A.1

The two (2) standoffs will be shipped in a flat state placed on the firebox top. Locate the standoffs and loosen the screws holding them in place.



STEP 2: Refer to Figure 4A.2

Fold the center of the standoff up and both ends out at the perforated lines. Using Figure 3A.2 for reference, locate the second pre-installed screw on the firebox top at each standoff location. Remove the screw, pivot the folded standoff into location and re-install the screw to secure the standoff. Tighten up the screw that was loosened in Step 1.

STANDOFFS

The IDOD See Through fireplace has a quantity of four (4) standoffs that are secured with two (2) screws each (left and right sides of top).

B. EXTERIOR NAILING FLANGE

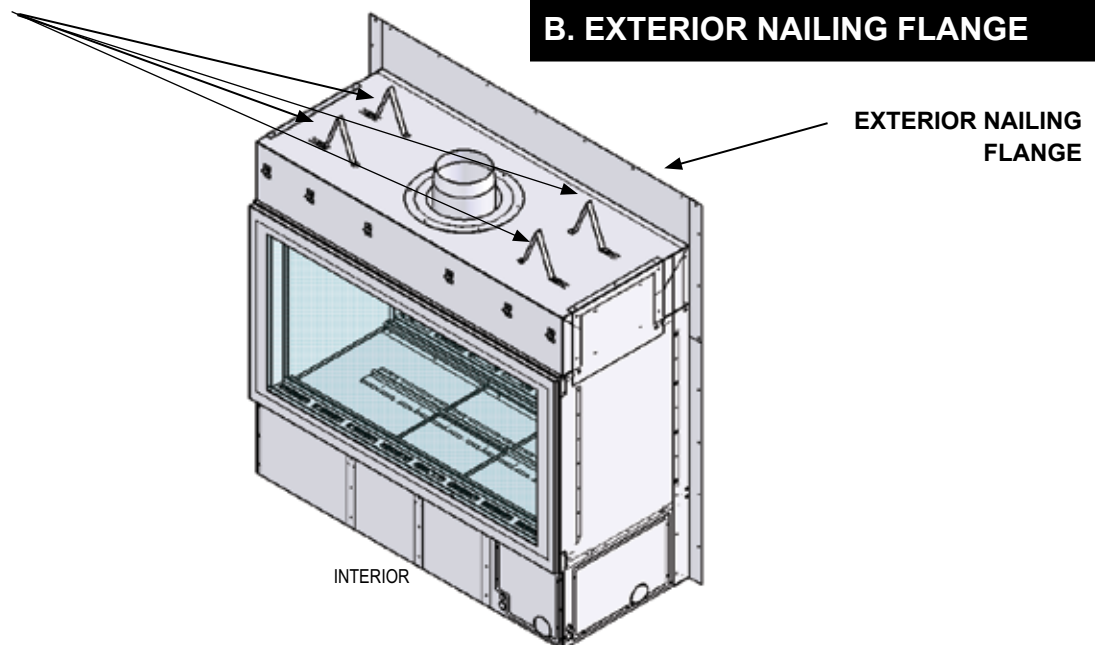


Figure 4A.3

Placement of the standoffs and exterior nailing flange.

5 - FRAMING & MANTEL REQUIREMENTS



NOTE: Framing dimensions should allow for wall covering thickness and fireplace facing materials. When using a hearth, adjust rough opening size as necessary to maintain at least minimum clearance requirements.



CAUTION: Install fireplace on metal, concrete or hard wood surface extending the full width and depth of fireplace.



CAUTION: Vent cap location must be in compliance with guidelines in *Section 8 (Venting)* of this manual.

If masonry is to be used (optional), prepare the necessary foundation for the masonry load. When masonry construction is being used, a lintel must be used over top of fireplace to support the added weight. Build hearth to desired size and height. If a hearth extension is desired, combustible material may be used.



NOTE: REFER TO DIMENSIONS SECTION FOR ALLOWABLE FINISHING DIMENSIONS REQUIRED TO FIT THE GLASS PANELS INTO THE FIREPLACE. FINISHING MATERIALS MUST NOT OVERLAP THE DIMENSIONS HIGHLIGHTED IN GREEN IN *SECTION 2 (DIMENSIONS)*. NEVER COVER THE GLASS WITH FINISHING MATERIALS.



NOTE: DO NOT PIERCE ANY OF THE BLACK PAINTED SURFACES WITH SCREWS, RIVETS, ETC. THIS INCLUDES THE 3" [76] BLACK TOP AND BOTTOM GLASS TRIM AND ANY PAINTED SIDES ADJACENT TO THE GLASS.

IMPORTANT FRAMING NOTES:

THE FIREPLACE IS NOT LOAD-BEARING

FRAMING SHOULD BE BUILT AFTER THE FIREPLACE IS INSTALLED.

FRAMING DIMENSIONS ASSUMING 1/2" [13] DRYWALL AND NON-COMBUSTIBLE BOARD USED.

THESE DIMENSIONS REPRESENT THE FRAMING DIMENSIONS FOR COMBUSTIBLE MATERIAL.

NON-COMBUSTIBLE FRAMING AND FINISHING MATERIALS MAY BE USED WITHIN THESE DIMENSIONS RIGHT UP TO THE UNIT.

NO COMBUSTIBLE MATERIAL WITHIN 6" [152] OF THE TOP OF THE FIREPLACE.

NO COMBUSTIBLE MATERIAL WITHIN 1" [25] OF THE SIDES.

COMBUSTIBLE MATERIAL SHALL NOT BE PLACED DIRECTLY ON THE FACE OF THE FIREPLACE, TOP AND SIDES.

SEE SECTION 5 (NON-COMBUSTIBLE ZONE) AND SECTION 10 (FINISHING) FOR DETAILS REGARDING 1/2" [25] STANDOFFS.

STEEL SURFACE MAY BE COVERED WITH NON-COMBUSTIBLE FINISHING MATERIAL.

1" CLEARANCE TO THE B-VENT MUST BE MAINTAINED.

5 - FRAMING & MANTEL REQUIREMENTS

INCHES [MM]	Firebox Top Height	Overall Height	Framing Height	Interior Framing Width	Exterior Framing Width
	A	B	C	D	E
3IDOD-24GL	42-1/2 [1,068]	51 [1,295]	57 [1,448]	44-17/32 [1,131]	44-17/32 [1,131]
4IDOD-24GL	42-1/2 [1,068]	51 [1,295]	57 [1,448]	56-17/32 [1,436]	56-17/32 [1,436]
5IDOD-24GL	42-1/2 [1,068]	51 [1,295]	57 [1,448]	68-17/32 [2,046]	68-17/32 [2,046]
6IDOD-24GL	42-1/2 [1,068]	51 [1,295]	57 [1,448]	80-17/32 [2,046]	80-17/32 [2,046]
7IDOD-24GL	42-1/2 [1,068]	51 [1,295]	57 [1,448]	92-17/32 [2,350]	92-17/32 [2,350]
8IDOD-24GL	42-1/2 [1,068]	51 [1,295]	57 [1,448]	104-17/32 [2,655]	104-17/32 [2,655]
3IDOD-36GL	54-1/32 [1,322]	63 [1,600]	69 [1,753]	44-17/32 [1,131]	44-17/32 [1,131]
4IDOD-36GL	54-1/32 [1,322]	63 [1,600]	69 [1,753]	56-17/32 [1,436]	56-17/32 [1,436]
5IDOD-36GL	54-1/32 [1,322]	63 [1,600]	69 [1,753]	68-17/32 [2,046]	68-17/32 [2,046]
6IDOD-36GL	54-1/32 [1,322]	63 [1,600]	69 [1,753]	80-17/32 [2,046]	80-17/32 [2,046]
7IDOD-36GL	54-1/32 [1,322]	63 [1,600]	69 [1,753]	92-17/32 [2,350]	92-17/32 [2,350]
8IDOD-36GL	54-1/32 [1,322]	63 [1,600]	69 [1,753]	104-17/32 [2,655]	104-17/32 [2,655]

Refer to Section 5 (Non-combustible Zone) for more information on the 1/2" [13] clearance standoffs.

X = WALL SHEATHING THICKNESS

Y = WALL FRAMING THICKNESS

Z = INTERIOR SHEATHING PLUS FINISH THICKNESS

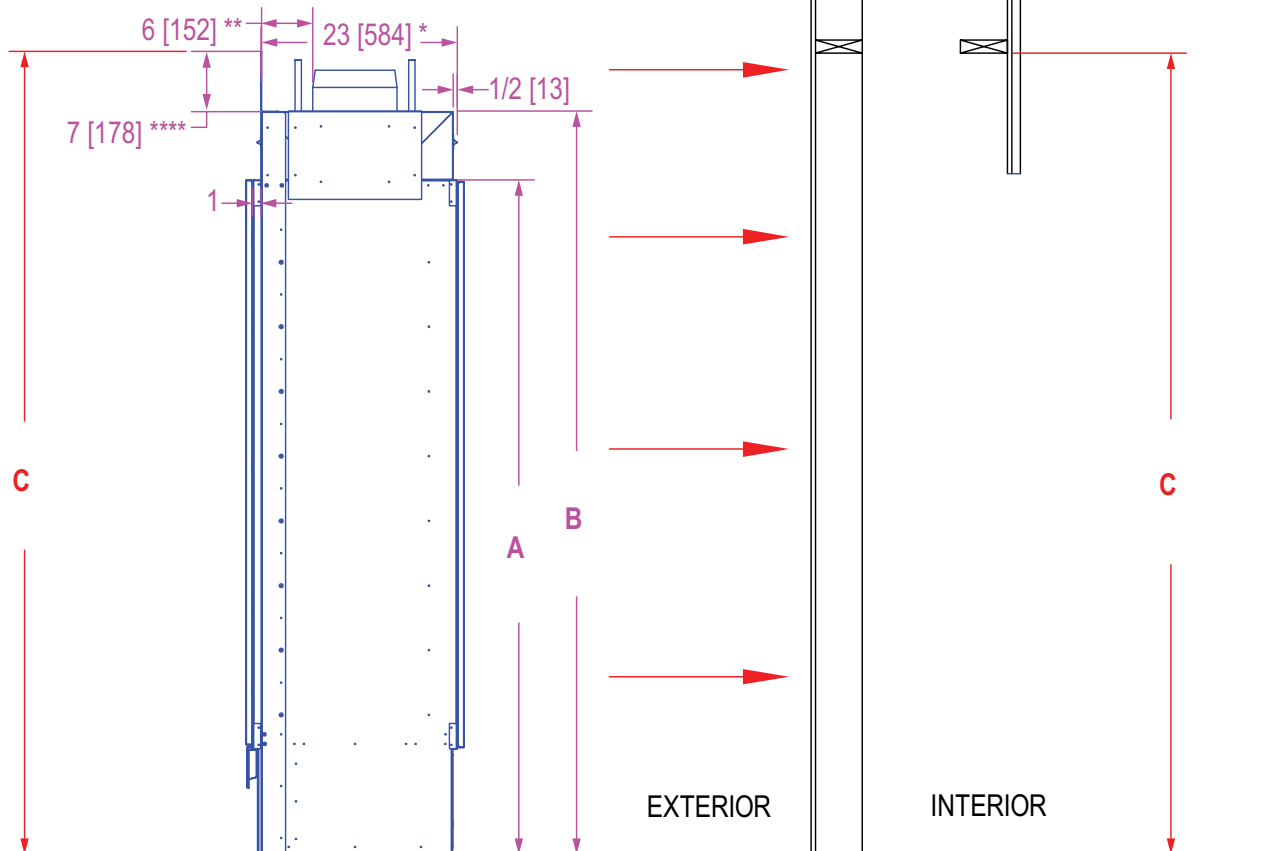
* 23" [584] is the dimension from the back of the nailing flange to the tip of the interior clearance standoff. Interior framing will shift based on material thickness.

** There is a 1" [25] clearance to combustibles around the flue. Framing thickness (X + Y) must be observed to maintain this clearance or a 45 degree vent component must be used.

*** Install mineral wood insulation in the 1" [25] gap between the fireplace sides and wall. Do not use fiberglass or any type of insulation with paper or plastic facing.

**** Mineral wool may be installed between the fireplace top and header. Do not use fiberglass or any type of insulation with paper or plastic facing.

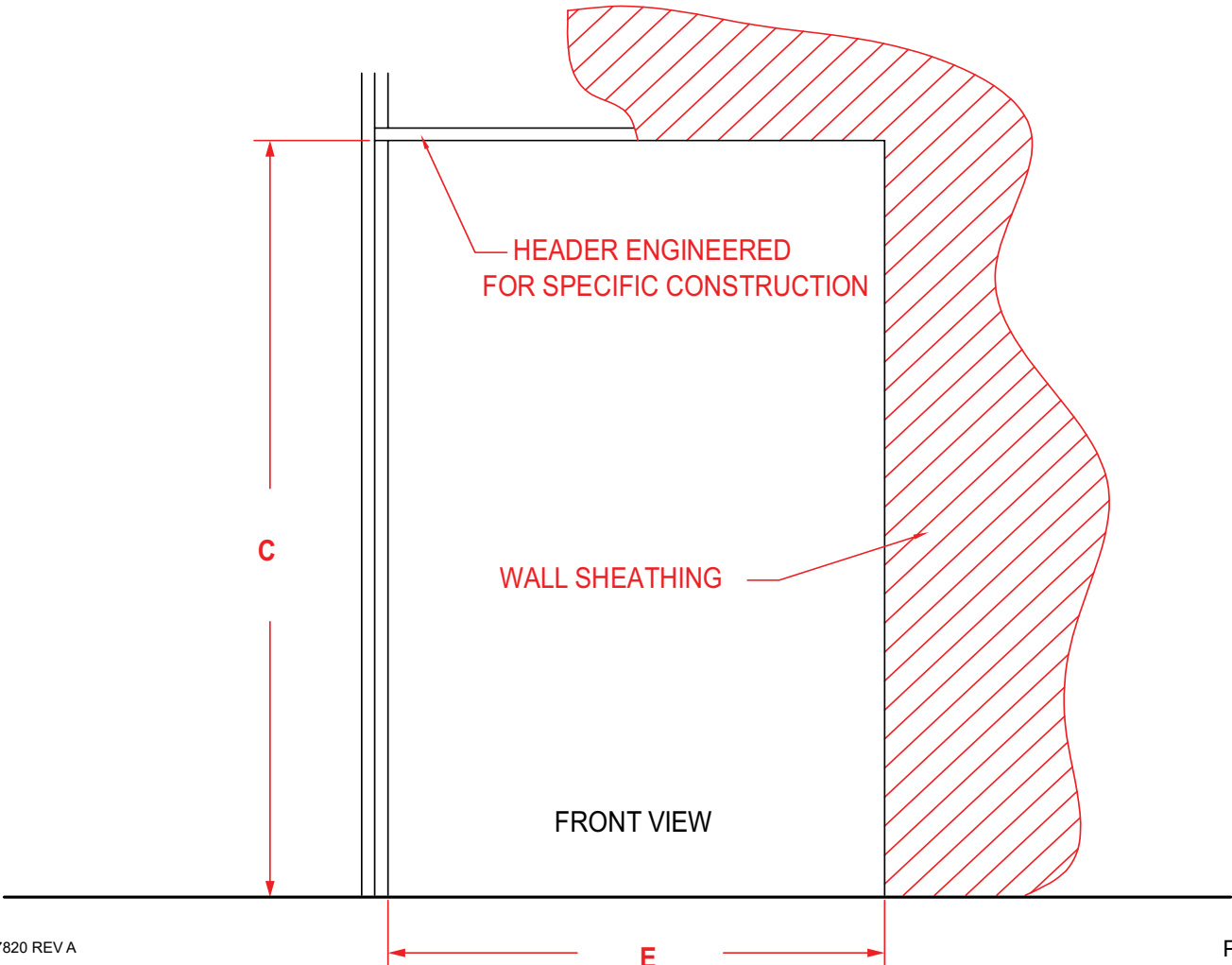
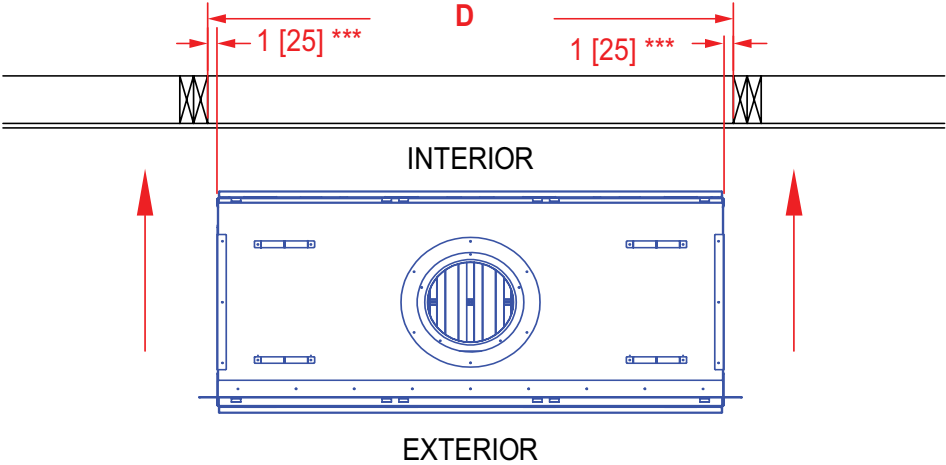
YOU WILL NEED TO DETERMINE THE DEPTH DIMENSION FOR YOUR INSTALLATION BASED ON THE THICKNESS OF THE FINISHING AND FRAMING MATERIALS YOU ARE USING.



5 - FRAMING & MANTEL REQUIREMENTS

IMPORTANT FRAMING NOTE:
INTERIOR FRAMING IS RECOMMENDED TO BE DONE
AFTER THE FIREPLACE IS INSTALLED
FOR GREATER ACCURACY.

*The steel 3" [76] surface all around the fireplace opening can not be covered with any type of material.
Glass and decorative framing will be placed on top.*



5 - FRAMING & MANTEL REQUIREMENTS

5.1 NON-COMBUSTIBLE ZONE - USING THE PROVIDED 1/2" STANDOFFS

The fireplace has standoffs installed on the front of the fireplace standard from the factory. They are located on the upper left, center and right front of the fireplace and are to ensure that the 1/2" [12.7mm] required clearance to combustibles on the surface of the fireplace is maintained.

If the standoffs are removed, only non-combustible material can be installed against the surface of the fireplace such as a non-combustible backer cement board. 1/2" [12.7mm] minimum thickness must be used in the space* between the top of the 3" trim to the combustible framing the full width of the fireplace. The space* includes a 7" [178mm] minimum above the top of the fireplace that is recommended for ease of attachment. *= 15" [381] for 3'-7' units and 19" [483] for 8' units.

Refer to Figure 5.1 below for a standard installation using the provided 1/2" standoffs.

Refer to Figure 5.2 for requirements when not using the provided 1/2" standoffs.



1/2" [13mm] Standoff

WARNING! Risk of Fire

Comply with all the minimum clearances as specified.

Note About Mantel Depth:

There are no minimum or maximum depth requirements for the mantel.

NOTE: Refer to Section 10 (Finishing The Wall) for more information.

5 - FRAMING & MANTEL REQUIREMENTS

5.1 NON-COMBUSTIBLE ZONE - USING THE PROVIDED 1/2" STANDOFFS

THIS EXAMPLE OF FRAMING AND FINISHING IS FOR REFERENCE.
PLEASE MAKE SURE TO MAKE CONSIDERATIONS FOR THE FRAMING AND FINISHING
MATERIALS THAT YOU ARE USING FOR YOUR PARTICULAR INSTALLATION.

INTERIOR SHOWN. MANTEL AND FRAMING EXAMPLE
APPLIES TO BOTH SIDES FOR SEE THROUGH FIREPLACE.

Notes About TV Placement:

A mantel is not required if you are
placing a TV above the opening.

No minimum clearance required for a TV
above the fireplace opening.

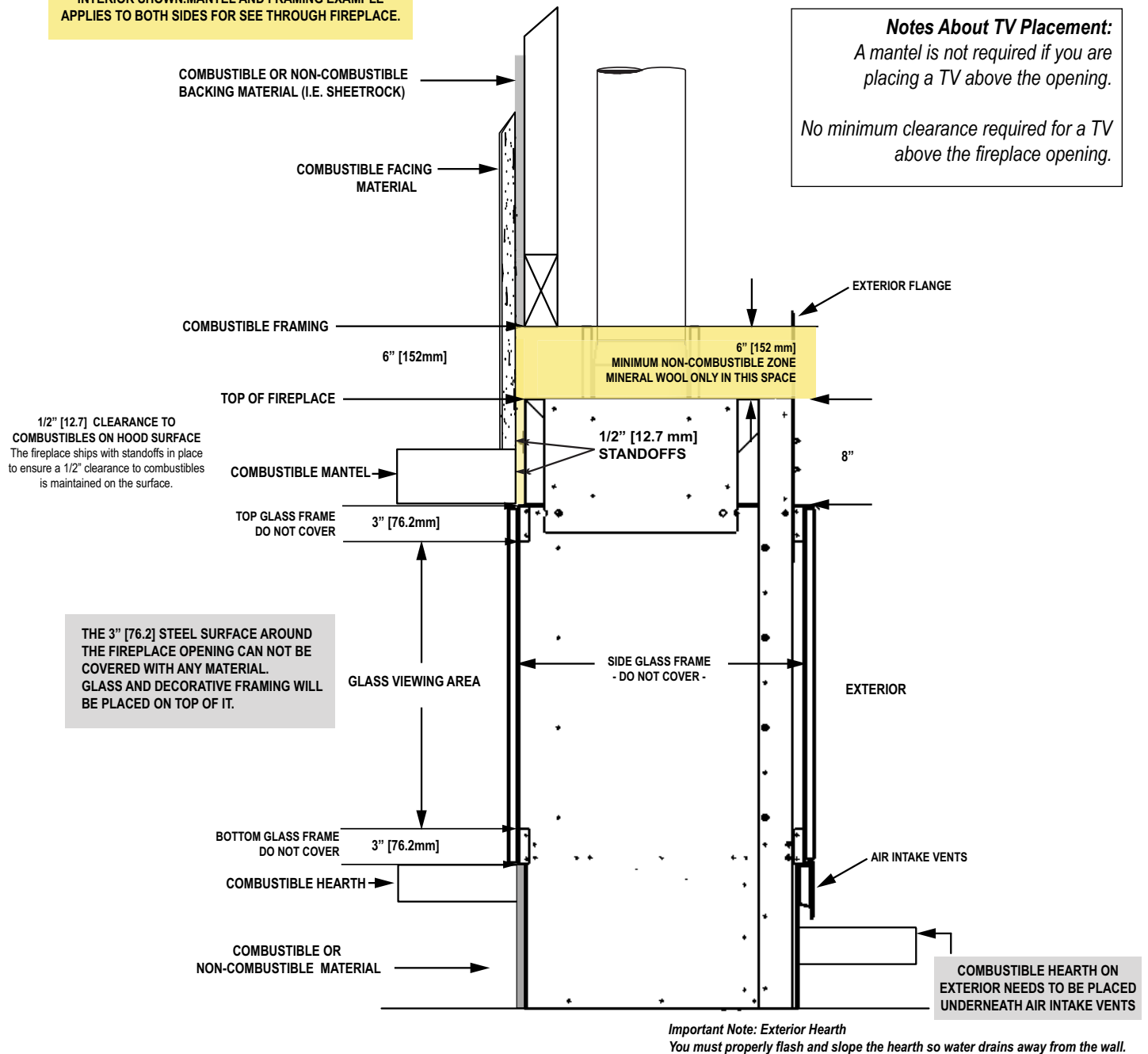


Figure 5.1

5 - FRAMING & MANTEL REQUIREMENTS

5.2 NON-COMBUSTIBLE ZONE - **NOT** USING THE PROVIDED 1/2" STANDOFFS

The fireplace has standoffs installed on the front of the fireplace standard from the factory. They are located on the left, center and right front hood of the fireplace and are to ensure that the 1/2" [12.7mm] required clearance to combustibles on the surface of the fireplace is maintained.

If the standoffs are removed, only non-combustible material can be installed against the surface of the fireplace such as a non-combustible backer cement board. 1/2" [12.7mm] minimum thickness must be used in the space* between the top of the 3" trim to the combustible framing the full width of the fireplace. The space* includes a 7" [178mm] minimum above the top of the fireplace that is recommended for ease of attachment. *= 15" [381] for 3'-7' units and 19" [483] for 8' units.

Refer to Figure 5.2 below for requirements when not using the provided 1/2" standoffs.
Refer to Figure 5.1 for a standard installation using the provided 1/2" standoffs.



1/2" [13mm] Standoff

WARNING! Risk of Fire

Comply with all the minimum clearances as specified.

Note About Mantel Depth:

There are no minimum or maximum depth requirements for the mantel.

NOTE: Refer to Section 10 (Finishing The Wall) for more information.

5 - FRAMING & MANTEL REQUIREMENTS

5.2 NON-COMBUSTIBLE ZONE - **NOT** USING THE PROVIDED 1/2" STANDOFFS

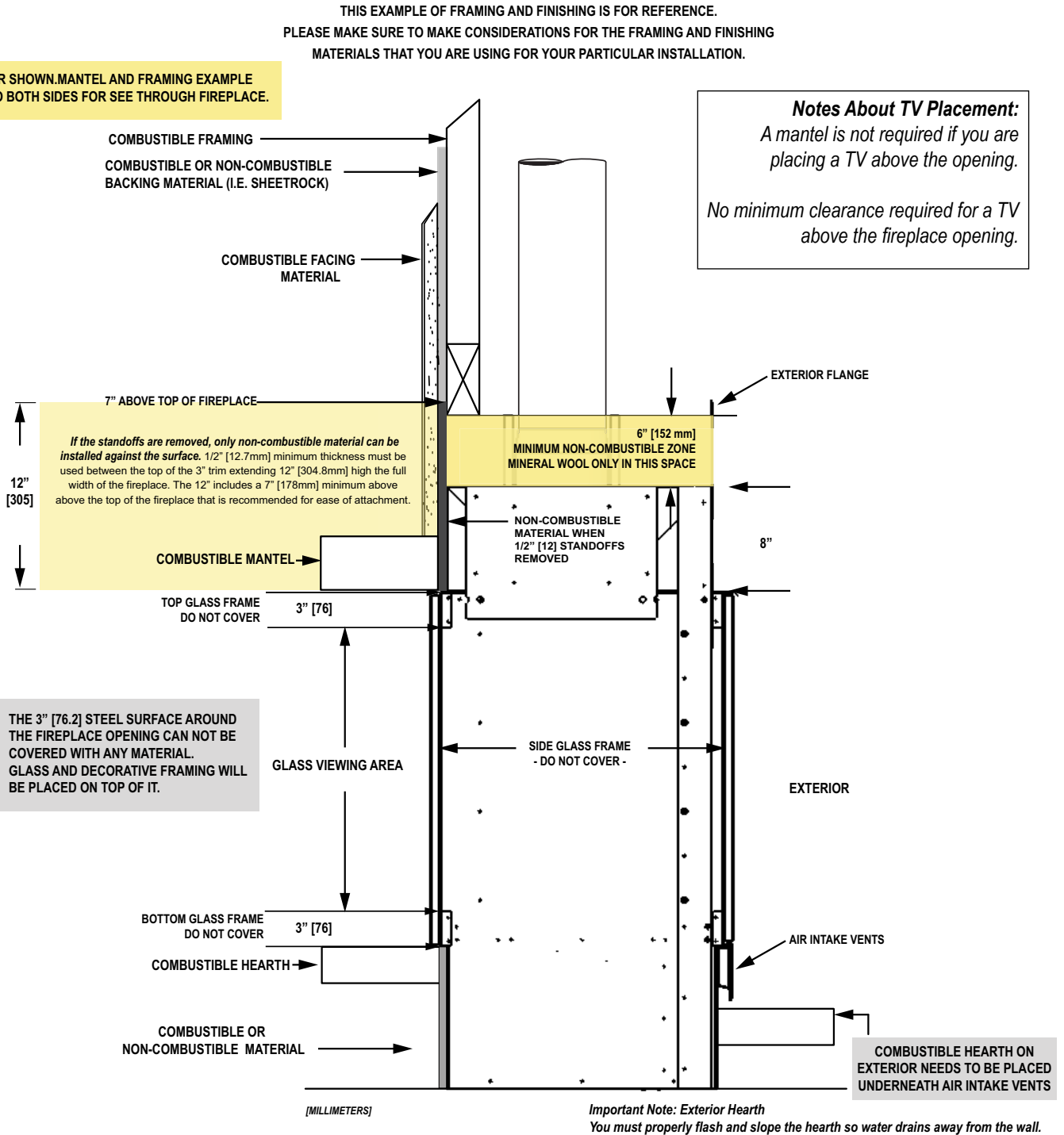
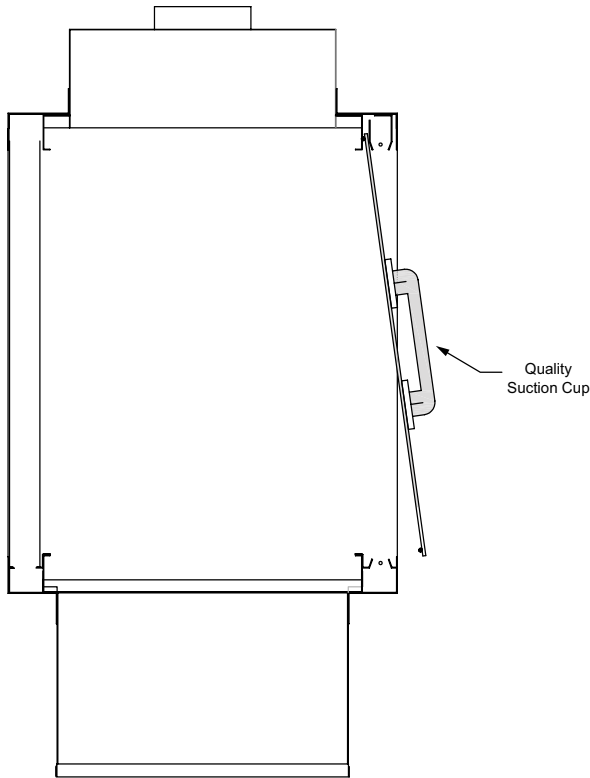


Figure 5.2

6 - GLASS FRAME ASSEMBLY

A. INNER GLASS FRAME ASSEMBLY IDENTIFICATION & INSTALLATION



Inner Glass Installation

1. Unwrap the panes of glass carefully making sure to protect the edges.
2. Apply the suction cups to the inner glass assembly, following instructions included with the suction cups.
3. Lift the glass into place. The top edge slips into the top groove, lift into the groove until the bottom is clear of the bottom trim. Slide the glass down into the inner bottom groove. See Figure 6A
4. Follow these instruction for installing the inner glass on both sides of the IDOD See Though.

Figure 6A



CAUTION: TO PREVENT GLASS FRAME ASSEMBLY FROM FALLING FROM FIREPLACE AND BECOMING DAMAGED, FOLLOW THE INSTRUCTIONS EXACTLY WHEN REMOVING AND INSTALLING GLASS FRAME ASSEMBLY.



STOP: DO NOT OPERATE THIS FIREPLACE WITH THE GLASS REMOVED, CRACKED OR BROKEN. REPLACEMENT OF GLASS ASSEMBLY SHOULD BE DONE BY A LICENSED OR QUALIFIED SERVICE PERSON.



WARNING: RISK OF INJURY!

DO NOT remove glass until unit is cooled to room temperature. Glass breakage could occur.



NOTE: GLASS REMOVAL AND INSTALLATION MUST BE PERFORMED WITH TWO PEOPLE.



NOTE: Glass must be removed using quality suction cups.
DO NOT attempt to remove the glass without using proper suction cups.

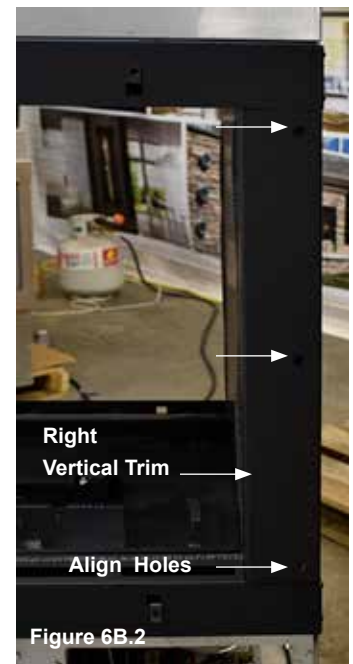


NOTE: IN CASE OF CHIPPED OR BROKEN GLASS

Due to the size and sensitivity of shipping the glass separately, it is best to have the replacement glass cut locally if needed. Have your local dealer assist you with contacting Stellar Hearth Products directly to get the proper glass specifications.

6 - GLASS FRAME ASSEMBLY

B. GLASS TRIM PIECES - BOTH INTERIOR AND EXTERIOR



After setting the inner glass pieces in place (Figure 6A), put the left and right vertical trim filler pieces into place: the left and right vertical trim will sit on the lower support and the front side with the pre-drilled holes will go outside the fireplace lip, and the holes will align with the holes on the fireplace face. Figures 6B.1 & 6B.2

The horizontal trim will span the width of the fireplace, sitting in front of the inner glass, between left and right vertical filler trim pieces. Figure 6B.3
Align the screw holes on the filler pieces to the fireplace.

C. INTERIOR OUTER GLASS ASSEMBLY - MAGNETS



The outer glass assembly for the interior side of the fireplace will have a black metal trim with round magnets affixed to the top and bottom. Set the glass assembly in place such that the bolt holes of the glass assembly trim align with the holes on the fireplace face. Then use the included 1/4-20 bolts to secure. Do not overtighten; snug is perfect.

6 - GLASS ASSEMBLY & DECORATIVE FRAME ASSEMBLY

D. INTERIOR DECORATIVE GLASS FRAME



The interior side glass trim now simply sits in front of the interior outer glass assembly and is held on by the round magnets.



The interior side fully installed.

6 - GLASS ASSEMBLY & DECORATIVE FRAME ASSEMBLY

E. EXTERIOR OUTER GLASS ASSEMBLY - NO MAGNETS

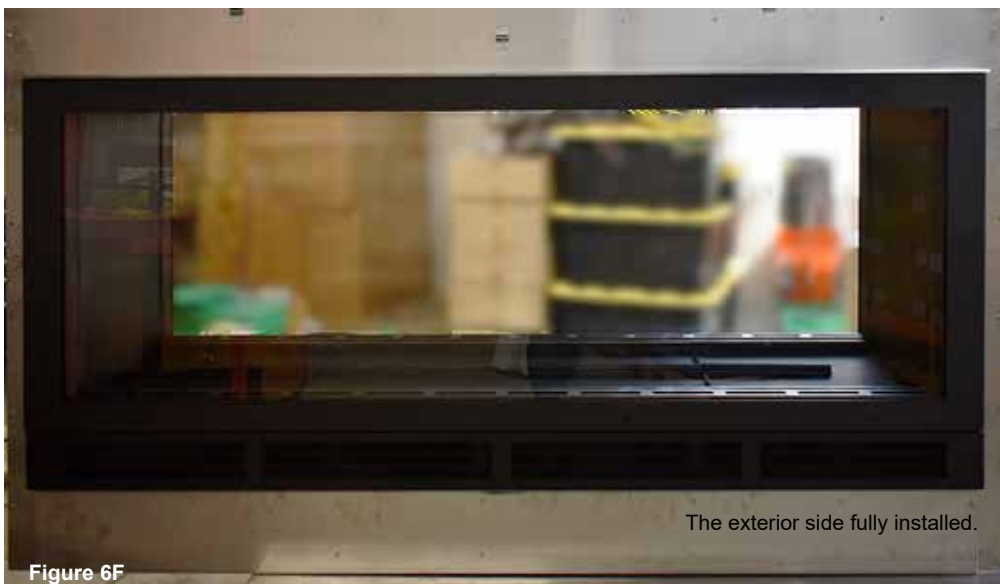
If you haven't already done so, install the exterior inner glass, and the exterior left, right and horizontal trim pieces. Refer to Pages 20-21.



Figure 6E.2

The exterior outer glass frame assembly will have bolt holes around the perimeter. Set the glass in place such that the holes align with the holes on the exterior face of the fireplace. Affix with the supplied 1/4-20 bolts.

F. EXTERIOR OUTER DECORATIVE GLASS FRAME



The exterior side fully installed.

Figure 6F

Finally, set the exterior side decorative glass trim in place and use the longer bolts supplied to affix the exterior outer glass assembly frame.

7 - GAS LINE SPECIFICATIONS

This fireplace is manufactured for use with Natural Gas or Propane.



CAUTION: Installation of the gas line must only be done by a qualified person in accordance with local building codes, if any. If not, follow ANSI Z223.1.



NOTE: The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at pressures in excess of ½ psi.



NOTE: The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas line at test pressures equal to or less than ½ psi (3.5 kPa).



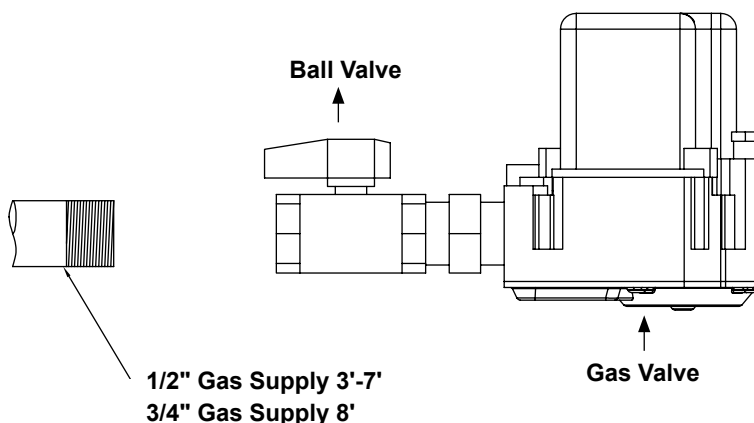
NOTE: For high altitude installations, consult Stellar Hearth Products directly for proper rating methods.

GAS LINE CONNECTION	Propane	NG
MINIMUM INLET GAS PRESSURE	11.0 inches W.C. (recommended)	7.0 inches W.C. (recommended)
MAXIMUM INLET GAS PRESSURE	14.0 inches W.C.	10.0 inches W.C.
MANIFOLD PRESSURE (HI)	10.0 inches W.C.	3.5 inches W.C.
ORIFICE SIZE	See Specifications Chart in Section 2.C	See Specifications Chart in Section 2.C
INPUT BTU/HR	See Specifications Chart in Section 2.C	See Specifications Chart in Section 2.C

NOTE: Have the gas supply line installed in accordance with local codes. If not, follow ANSI Z223.1. Installation should be done by a qualified installer approved and/or licensed as required by the locality. In the Commonwealth of Massachusetts installation must be performed by a licensed plumber or gas fitter.

NOTE: A listed (and Commonwealth of Massachusetts approved) 1/2 in. [13] T-handle manual shut-off ball valve and flexible connector are connected to the 1/2" [13] control valve inlet.

Figure 7



**ADDITIONAL INFORMATION
IN SECTION 2.B (GAS & ELECTRIC ACCESS LOCATIONS)**

8 - VENTING



CAUTION: Consult the local and national installation codes to assure adequate combustion and ventilation air is available.



NOTE: Flame height and appearance will vary depending upon venting configuration and type of fuel used. Venting requirements apply to both Natural and Propane gas.



STOP: MAINTAIN ALL CLEARANCES AS STATED IN THIS INSTALLATION MANUAL.

A. APPROVED VENTING

Model #	DESCRIPTION	B-VENT	OUTSIDE AIR	STANDARD POWERVENT	IN-LINE POWERVENT
3'	ANY HEIGHT	8"	10"	RS12	RSIF160
4'	ANY HEIGHT	8"	10"	RS12	RSIF160
5'	ANY HEIGHT	8"	10"	RS12	RSIF160
6'	ANY HEIGHT	10"	10"	RS14	RSIF180
7'	ANY HEIGHT	10"	10"	RS14	RSIF180
8'	ANY HEIGHT	10"	12"	RS14	RSIF180

B. POWERVENT SUPPLY VOLTAGE

POWERVENT MODEL NUMBER	VAC	AMP	H/P
RS12 (3', 4', & 5' Models)	120	1.2	1/9
RS14 (6', 7' & 8' Models)	120	1.4	1/7
RSIF160 (3', 4', & 5' Models)	120	2.9	3/7
RSIF180 (6', 7' & 8' Models)	120	5.3	13/16

C. SYSTEM SUPPLY VOLTAGE

POWERVENT MODEL NUMBER	VAC	AMPS
RS12 (3', 4', & 5' Models)	120	3.2
RS14 (6', 7' & 8' Models)	120	3.4
RSIF160 (3', 4', & 5' Models)	120	4.9
RSIF180 (6', 7' & 8' Models)	120	7.3

*Amperage listed is the maximum required for the appliance with all options.

Refer to the vent systems manufacturer's installation manual for complete installation instructions. Installation must conform with the venting requirements and restrictions as outlined in this manual. SEE CHART ABOVE FOR SIZE diameter B-Type Venting that must be used. UL/CSA approved B-Vent only. DO NOT decrease the vent size.

Vent runs are approved for up to 110 feet with quantity of eleven 90 degree elbows.

Vent runs may also contain a downward component. The downward component may be a maximum of 6 feet plus the distance to the center line of the elbow. See Figure 8A.1.

This will be about 87" for 8" diameter pipe and 92" for 10" diameter pipe.

Due to natural buoyancy of flue gas products, venting downward increases restriction.

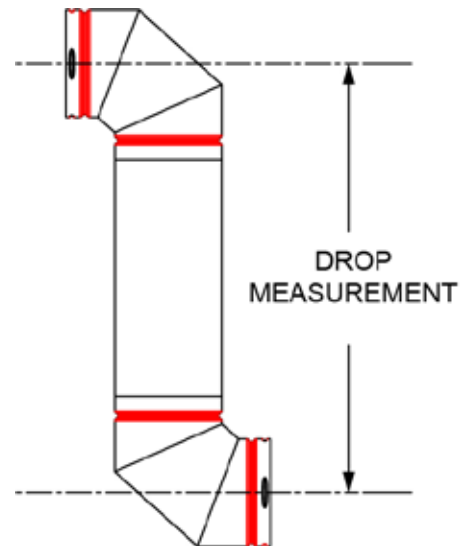
Every inch of vertical drop counts as triple inches subtracted off the total vent run.

Example: a maximum drop of 92" means the total allowed vent run is decreased by 276" (23')

Once a downward component has been utilized, the vent cannot go upwards again. Moisture may get trapped in the vent pipe.

Important: Be sure to do your own calculations based on the center line dimension given from the pipe manufacture you are using for your installation.

Figure 8A



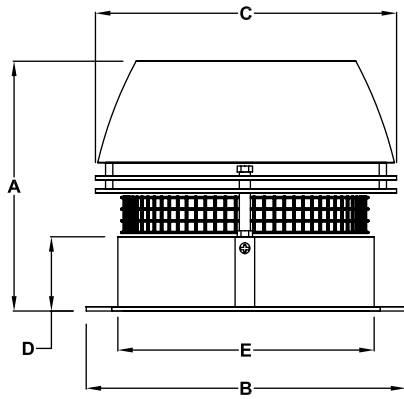
NOTE: All pipe and elbow joints must be sealed. This includes the longitudinal seam on the pipe. High Temp RTV Silicone and/or foil tape **MUST** be used on each joint/seam. Failure to do so may cause lack of vacuum and may not trigger the vacuum switch.

8 - VENTING

D. RS SERIES POWERVENT SPECIFICATIONS

Available Power Venting

A power vent (RS12 & RS14) is approved for use with this appliance. It is crucial that all B-Vent pipe and elbow joints, and the longitudinal seam are sealed using a high temperature RTV Silicone and/or foil tape.



MODEL	RS12	RS14
Fan Type	Axial vane	Axial vane
Motor Type	Totally enclosed, variable speed, Class H	Totally enclosed, variable speed, Class H
Voltage (VAC)	1 x 120	1 x 120
RPM	1600	1600
CFM	950	1400
Amperage (Amps)	1.2	1.4
Motor Output HP (kW)	1/9 (0.08)	1/7 (0.1)
Weight lbs (kg)	37 (17)	47 (21)
Dimension A in. (mm)	11.5 (292)	13.1 (334)
Dimension B x B in.(mm)	14.3 (364)	16.6 (422)
Dimension C in. (mm)	13.5 (344)	15.5 (395)
Dimension D in. (mm)	3.3 (85)	3.9 (100)
Dimension E in. (mm)	11.6 (294)	13.5 (342)
Temperature Rating-Intermittent	575 °F / 300 °C	575 °F / 300 °C
Temperature Rating-Continuous	482 °F / 250 °C	482 °F / 250 °C

Figure 8D

E. CHIMNEY COLLAR DIMENSIONS

Chimney Collar Dimensions

A chimney collar is included for use with the RS12 and RS14. The chimney collar is used to attach the RS power vent.

Figures 8E.1 and 8E.2 show the dimensions of the chimney collar.

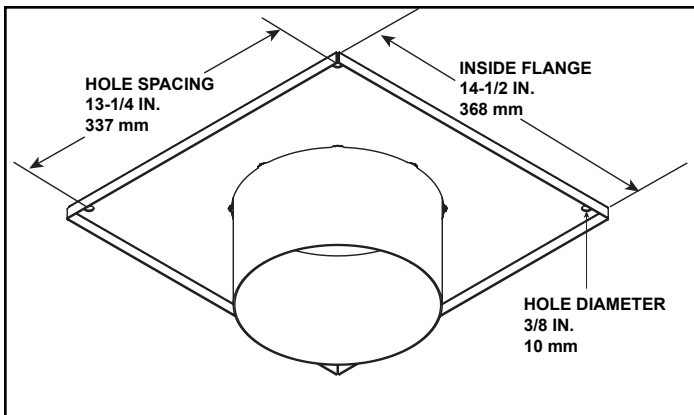


Figure 8E.1 8 Inch Chimney Collar Dimensions (RS12)

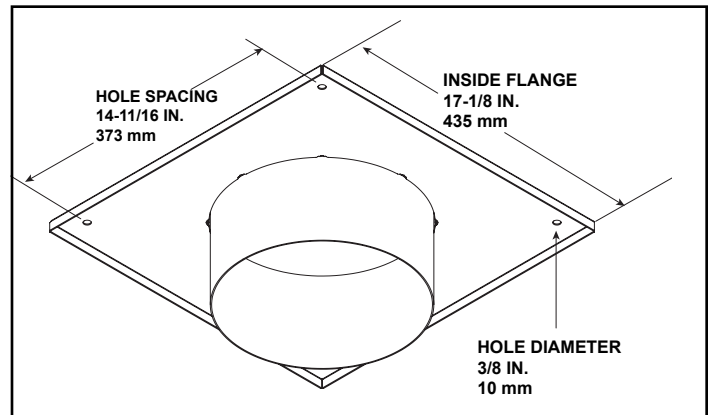


Figure 8E.2 10 Inch Chimney Collar Dimensions (RS14)

8 - VENTING

F. RSIF SERIES POWERVENT SPECIFICATIONS

Available In-Line Power Venting

An in-line power vent (RSIF160 or RSIF180) is approved for use with this appliance. It is crucial that all B-Vent pipe and elbow joints, and the longitudinal seam are sealed using a high temperature RTV Silicone and/or foil tape.

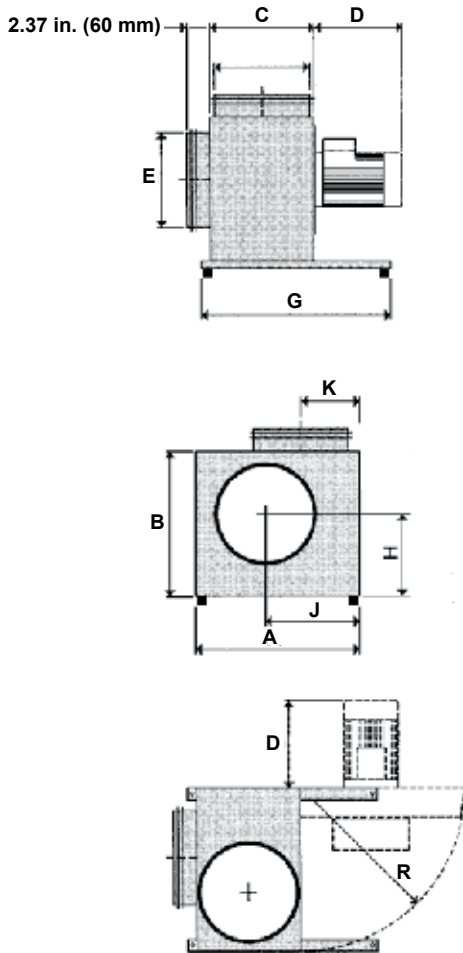


Figure 8F

MODEL		RSIF160	RSIF180
Fan Type		Centrifugal Impeller (F-Wheel)	Centrifugal Impeller (F-Wheel)
Motor Type		TEFC	TEFC
Voltage (VAC)		1 x 120	1 x 120
Amperage Amps		2.9	5.3
Motor Output hp (kW)		3/7 (.32)	13/16 (.61)
RPM		1600	1600
Weight lbs (kg)		38 (17)	60 (27)
Duct Connection (E) in. (mm)		8 (203)	8 (203)
Dimension A in. (mm)		14.57 (370)	16.15 (410)
Dimension B in. (mm)		12.60 (320)	13.98 (355)
Dimension C in. (mm)		9.26 (235)	9.26 (235)
Dimension D in. (mm)		5.52 (140)	7.68 (195)
Dimension E in. (mm)		7.9 (200)	7.9 (200)
Dimension G in. (mm)		15.75 (400)	15.75 (400)
Dimension H in. (mm)		7.10 (180)	7.88 (200)
Dimension J in. (mm)		8.27 (210)	9.26 (235)
Dimension K in. (mm)		5.12 (130)	5.12 (130)
Dimension R in. (mm)		14.57 (370)	16.15 (410)

Optional Universal Exhaust Louver information found in *Section 9 (Venting Options)*.

G. IN-LINE POWERVENT PREPARATIONS- RSIF 180

Perform the following steps when installing the RSIF180 on 6', 7' & 8' models.

1. Attach the provided 10 inch B-Vent collar to the intake side of the powervent. The intake side is located opposite the fan motor as shown in Figure 8G.1. The 10 inch B-Vent collar is packaged separately from the powervent. See Figure 8G.2.
2. Note the silhouette circle printed on the intake side of the powervent. The pre-drilled screw holes within the circle will be matched with the holes on the intake collar of the base plate. See Figure 8G.3.
3. Place the intake collar base plate onto the silhouette, matching up the holes as shown in Figure 8G.4. Fasten the base plate to the silhouette using five self-tapping screws.
4. Add the rope gasket included with the kit to the outlet side of the in-line powervent.
5. An adapter to increase from eight inch pipe to ten inch pipe is required on the outlet side of the in-line powervent. The adapter is included in the RSIF180 kit. See Figure 8G.5. Connect the adapter directly to the eight inch outlet collar of the in-line powervent. Connect the ten inch exhaust B-Vent to the collar and continue the vent run.



Figure 8G.3 Silhouette Circle on Intake

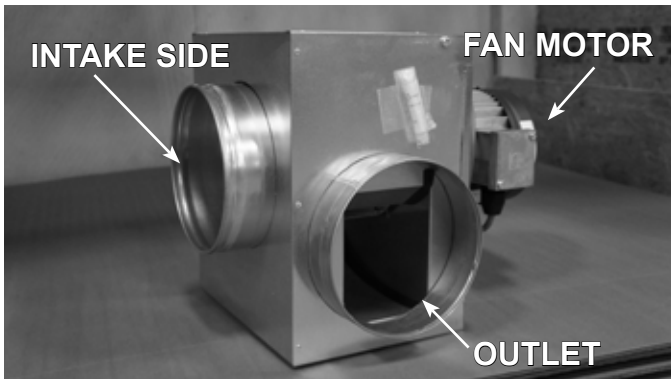


Figure 8G.1 In-Line Powervent (RSIF180)

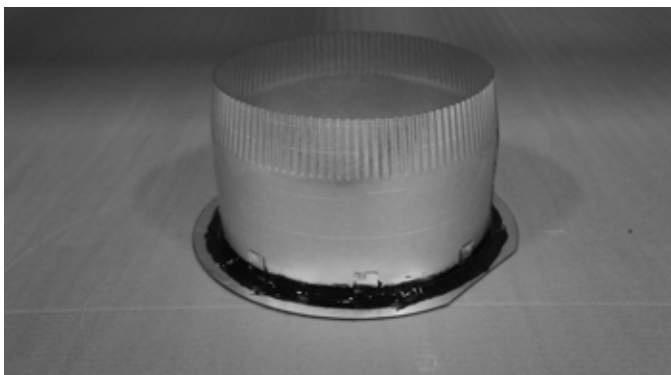


Figure 8G.2 Ten Inch B-Vent Collar

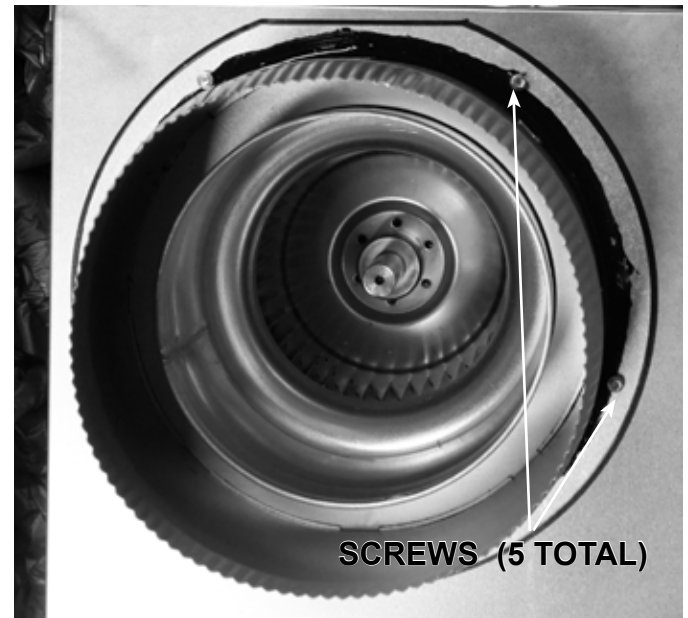


Figure 8G.4 Base Plate Fastened to Intake



Figure 8G.5

8 - VENTING

H. HORIZONTAL VENT SYSTEM CLEARANCES

ALL APPROVED VENTING	TOP	BOTTOM	SIDES
HORIZONTAL	1 inch [25mm]	1 inch [25mm]	1 inch [25mm]

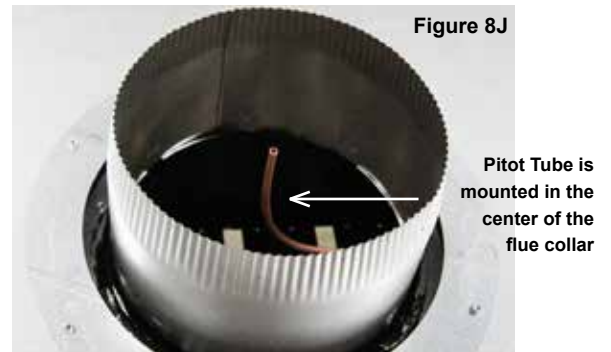
I. WALL PASS-THROUGH - Follow all local codes for requirement of firestops.

8 - VENTING

J. PITOT TUBE INFORMATION

There is a 1/4" pitot tube mounted in the center of the flue collar and is connected to the pressure switch. (Figure 8E)
This monitors the pressure in the flue and is necessary for proper operation.
Take care to keep the end of the tube clean.

IMPORTANT: THIS TUBE MUST NOT BE BENT, CLOGGED, REMOVED, OR ALTERED IN ANY WAY.



8 - VENTING

K. VERTICAL TERMINATIONS

- The fireplace must terminate with the included approved powered termination cap.
- **NO SUBSTITUTION IS ACCEPTABLE.**
- Carefully follow the instructions included with the approved powered termination cap.
- **DO NOT** use an additional speed control on this powervent.
- You must use the included Capacitor.

L. HORIZONTAL TERMINATION VENT CAP LOCATION & CLEARANCES

This gas appliance must not be connected to a chimney serving any other appliance.

- **DO NOT RECESS TERMINATION KIT INTO OUTSIDE BUILDING MATERIALS** - i.e.: brick, stone, siding, etc. If necessary, extend framing so that termination kit will be exposed once building materials are installed.
- Vent termination must not be located where it will become plugged by snow or other material. The flow of combustion and ventilation air must not be obstructed.

LOCATION CLEARANCES:

- A. Above grade, veranda, porch, deck, balcony - 12 inches [305 mm].
- B. Operable window or door - 12 inches [305 mm].
- C. Permanently closed window* - 12 inches [305 mm] (recommended to prevent condensation on window).
- D. Ventilated soffit* - 24 inches [610 mm].
- E. Unventilated soffit* - 12 inches [305 mm].
- F. Outside corner* - 6 inches [152 mm].
- G. Inside corner* to non-combustibles - 12 inches [305 mm]. Inside corner* to combustibles - 24 inches [610 mm].
- H. Meter / Regulator: Not to be installed above a gas meter/regulator assembly within 3 ft. [914 mm] horizontally from the center-line of the regulator.
- I. Gas Service regulator vent outlet - 3 ft. [914 mm].
- J. Non-mechanical air supply inlet to building or the combustion air inlet to any other appliance.
US: 9" [229 mm] CANADA: 12 inches [305 mm].
- K. Mechanical air supply inlet.
US: 3 ft. [914 mm] above if within 10 ft. [3.05 m] horizontal. Massachusetts installations: 10 ft. [3.05 m].
CANADA: 6 ft. [1.83 m].
- L. Above paved side-walk or paved driveway located on public property - 7 ft. [2.13 m].
- M. Under veranda, porch, deck, or balcony [must be fully opened on a minimum of 2 sides] - Combustible - 24 inches [610 mm],
Non-Combustible - 12 inches [305 mm].
- N. Between two horizontal terminations - 12 inches [305 mm]. (Not shown in Figure 8L).
- O. Between two vertical terminations - 12 inches [305 mm]. Terminations may be same height (Not shown in Figure 8L).
- N & O: Minimum of 12 inches [305 mm] required when two exhaust termination caps are placed next to each other. Measurement must be taken from inside edge of one steel chimney adapter to the inside edge of the other steel chimney adapter. A metal divider plate with same length and height as termination cap is required to be installed between the caps. Divider plate is not required if caps are at least 24 inches [610 mm] apart, measured edge to edge.
- P. Above furnace exhaust or inlet - 12 inches [305 mm]. (Not shown in Figure 8L).

*Clearance must be in accordance with local installation codes & the requirements of the gas supplier.



NOTE: A vent cannot be located directly above a side-walk or paved driveway that is located between two single family dwellings and serves both dwellings.

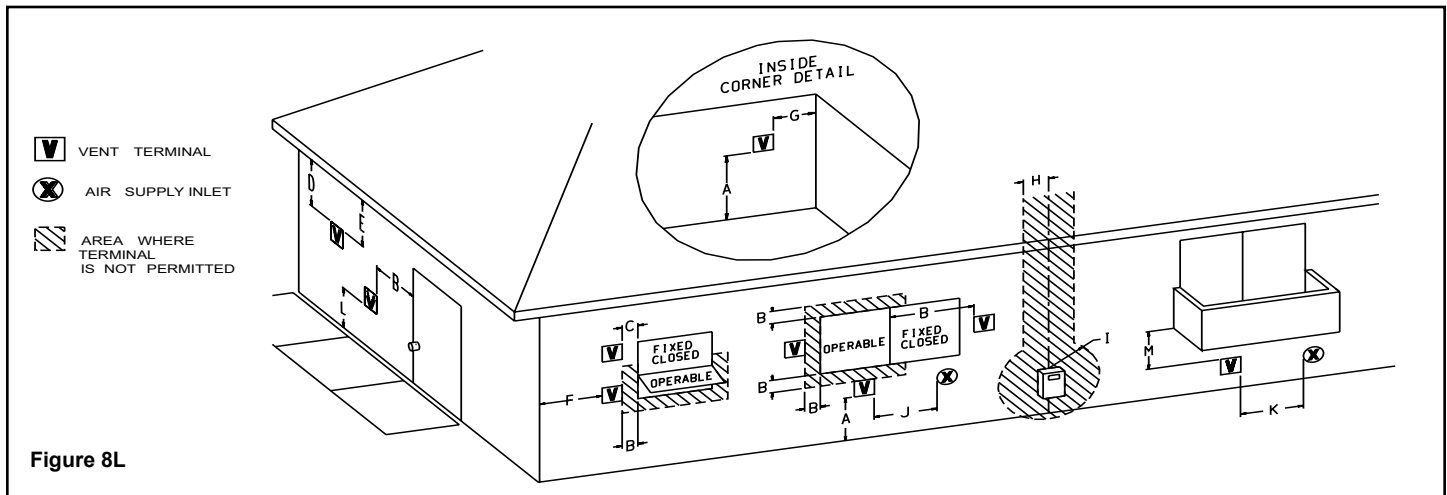
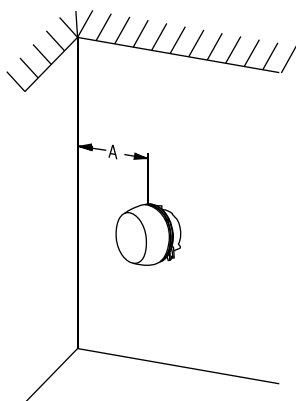


Figure 8L

8 - VENTING

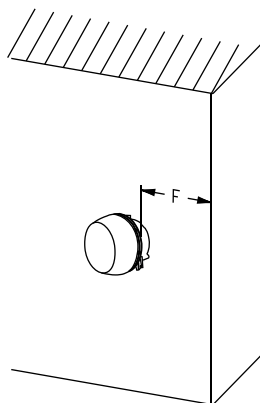
M. HORIZONTAL TERMINATION VENT CAP LOCATION & CLEARANCES

Inside Corner



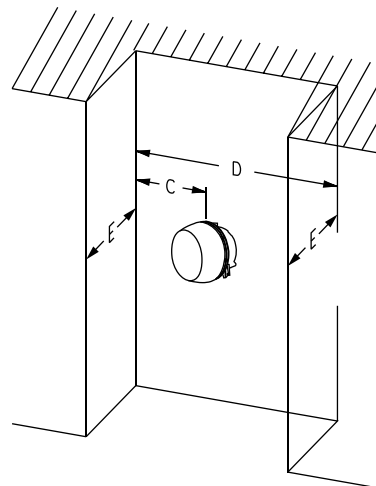
A = Combustible 24" (609.6mm)
= Non-combustible 12" (304.8mm)

Outside Corner



F = Combustible 6" (152mm)
= Non-combustible 6" (152mm)

Recessed Location

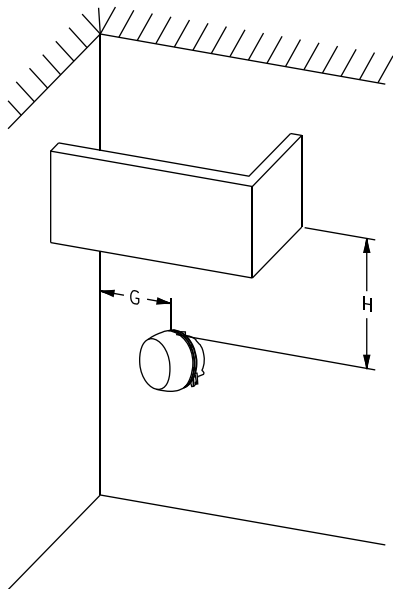


C = Clearance from corner in recessed location
= Combustible 24" (609.6mm)
= Non-combustible 12" (304.8mm)

D = Minimum width for back wall of a recessed location
= Combustible 64" (1,625.6mm)
= Non-combustible 40" (1,016mm)

E = Maximum depth of 48" (1,219mm) for recessed location

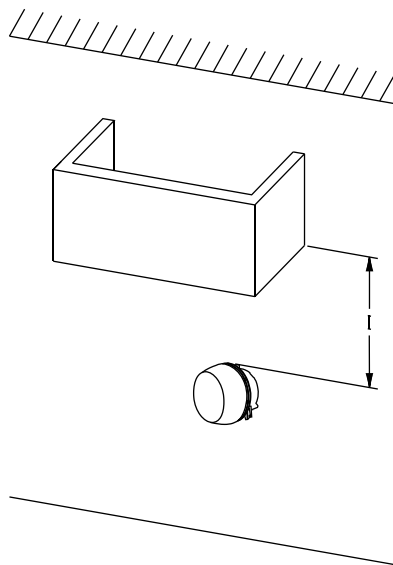
Balcony with perpendicular side wall



G = Combustible 24" (609.6mm)
= Non-combustible 12" (304.8mm)

H = Combustible 24" (609.6mm)
= Non-combustible 12" (304.8mm)

Balcony with no side wall



I = Combustible 24" (609.6mm)
= Non-combustible 12" (305mm)

IMPORTANT:
All dimensions are from the edge of the cap.

Figure 8M

8 - VENTING

O. VERTICAL VENT CAP LOCATION AND CLEARANCES

ROOF PITCH	H (Min.) Ft.	H (Min.) M.
FLAT TO 6/12	1.0*	0.30
OVER 6/12 TO 7/12	1.25*	0.38
OVER 7/12 TO 8/12	1.5*	0.46
OVER 8/12 TO 9/12	2.0*	0.61
OVER 9/12 TO 10/12	2.5*	0.76
OVER 10/12 TO 11/12	3.25*	0.99
OVER 11/12 TO 12/12	4.0	1.22
OVER 12/12 TO 14/12	5.0	1.52
OVER 14/12 TO 16/12	6.0	1.83
OVER 16/12 TO 18/12	7.0	2.13
OVER 18/12 TO 20/12	7.5	2.27
OVER 20/12 TO 21/12	8.0	2.44

* = 3 foot minimum in snowy regions

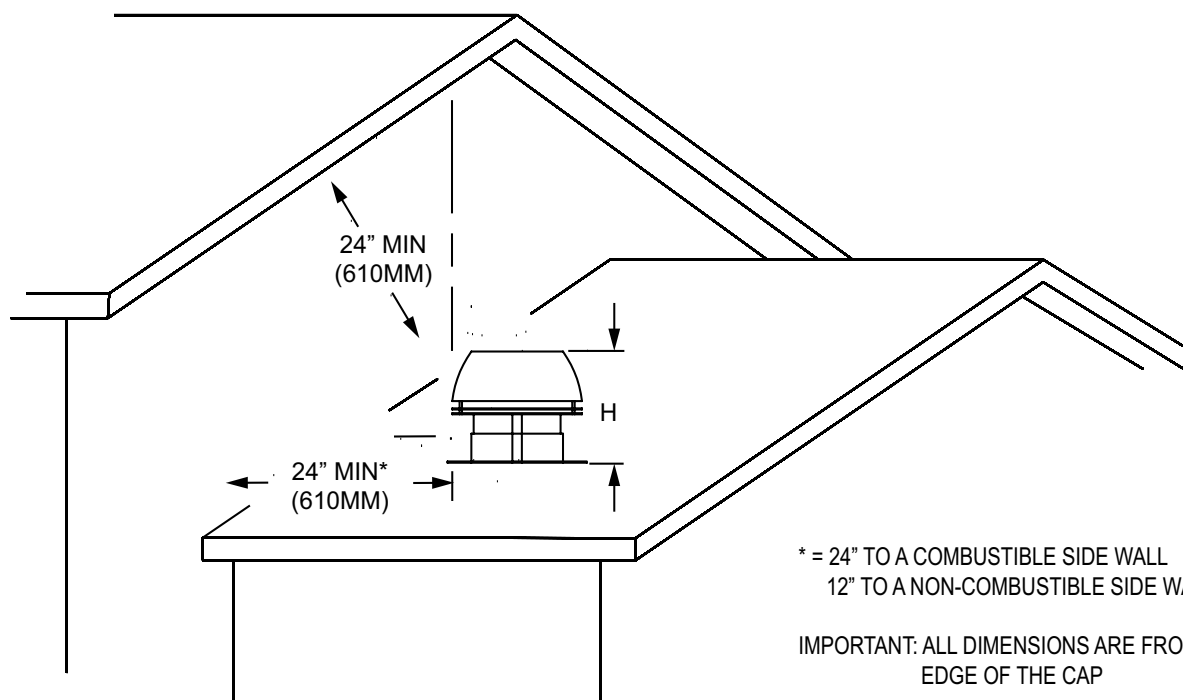


Figure 80

8 - VENTING

P. ROOF TERMINATION CAP INSTALLATION - WITH AND WITHOUT DAMPER

Roof Termination Without Optional Mechanical Damper

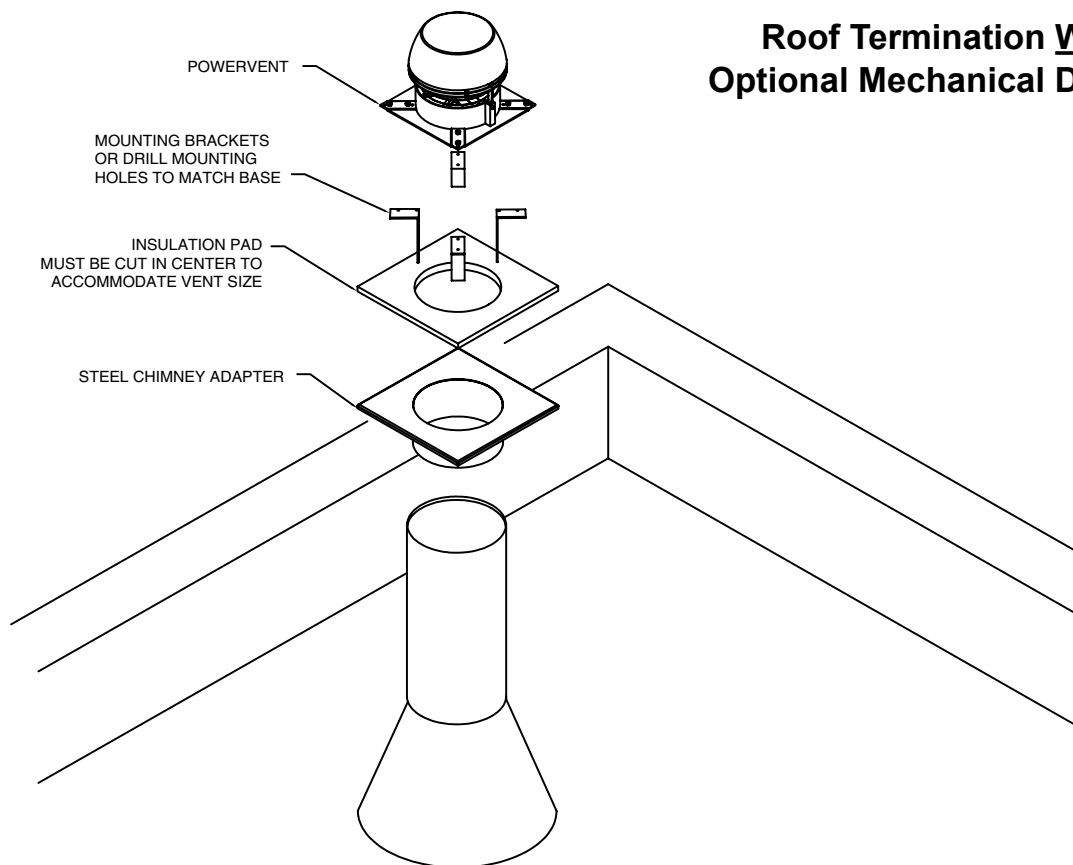


Figure 8P.1

Roof Termination With Optional Mechanical Damper

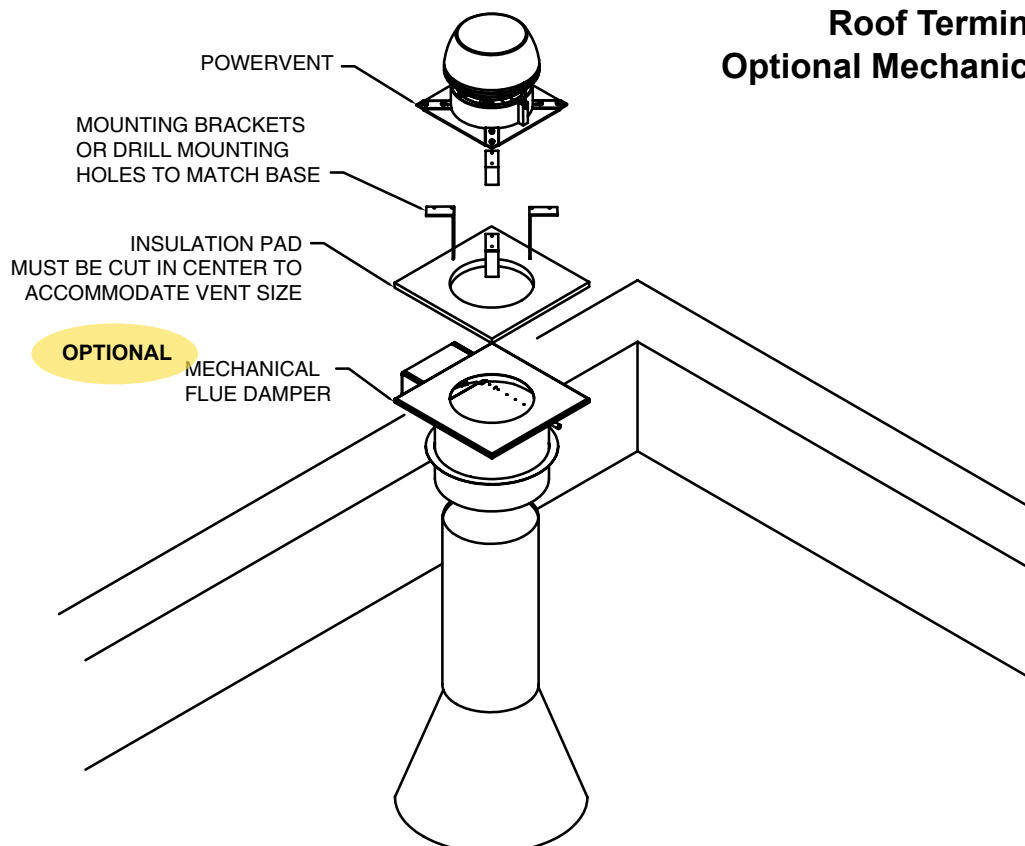


Figure 8P.2

8 - VENTING

Q. WALL TERMINATION - WITH AND WITHOUT DAMPER

Wall Termination Without Optional Mechanical Damper

FRAMING:

8" = 11-3/4" W X 11-3/4" H

10" = 13-1/4" W X 13-1/4" H

DRILL 1/4" HOLES
TO MATCH POWER VENT BASE

INSULATION PAD
MUST BE CUT IN CENTER TO
ACCOMMODATE VENT SIZE

USE APPROPRIATE HEAVY DUTY FASTENERS
TO SECURE POWER VENT

Figure 8Q.1

Wall Termination With Optional Mechanical Damper

OPTIONAL

MECHANICAL FLUE DAMPER
DRILL 1/4" HOLES
TO MATCH POWER VENT BASE

INSULATION PAD
MUST BE CUT IN CENTER TO
ACCOMMODATE VENT SIZE

USE APPROPRIATE HEAVY DUTY FASTENERS
TO SECURE POWER VENT

ACCESS PANEL
NEEDED FOR FUTURE
DAMPER SERVICE

Figure 8Q.2

8- OUTSIDE AIR

R. OUTSIDE AIR

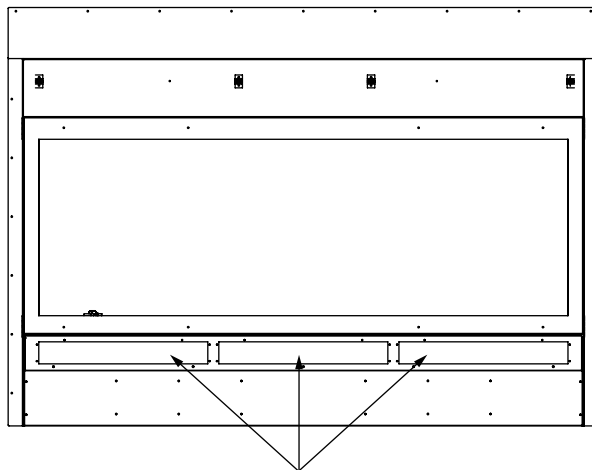


Figure 8R

Quantity three air intake vents are located on the exterior face of the fireplace. Must not be obstructed by finishing materials.

If a hearth is used, it has to be placed below the air intake vents. You must properly flash and slope the hearth so water drains away from the wall.

The vents must be kept clean from obstruction. To take the vent-piece off the fireplace to clean, you will need first take the decorative glass frame off. This will allow the needed clearance to then lift the vent-piece up and out to lift off the fireplace.

9- VENTING OPTIONS

OPTIONAL UNIVERSAL EXHAUST LOUVER

MODEL	UNITS	USE
LOUVER-8	3', 4' & 5'	Exhaust and Air-Intake
LOUVER-10	6' & 7'	Exhaust and Air-Intake



This kit is an optional method of terminating the exhaust for the appliance. Exhaust terminations must be installed with an in-line powervent.

**FOLLOW COMPLETE
INSTALLATION INSTRUCTIONS
PROVIDED WITH THE LOUVER KIT**

LOUVER-8 & LOUVER-10

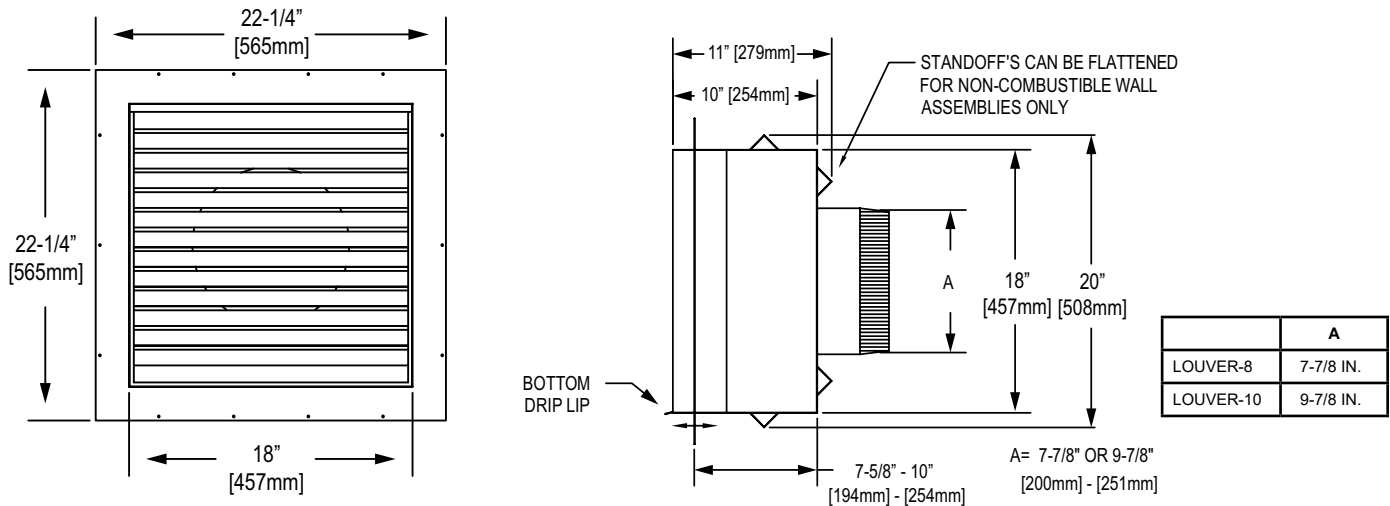
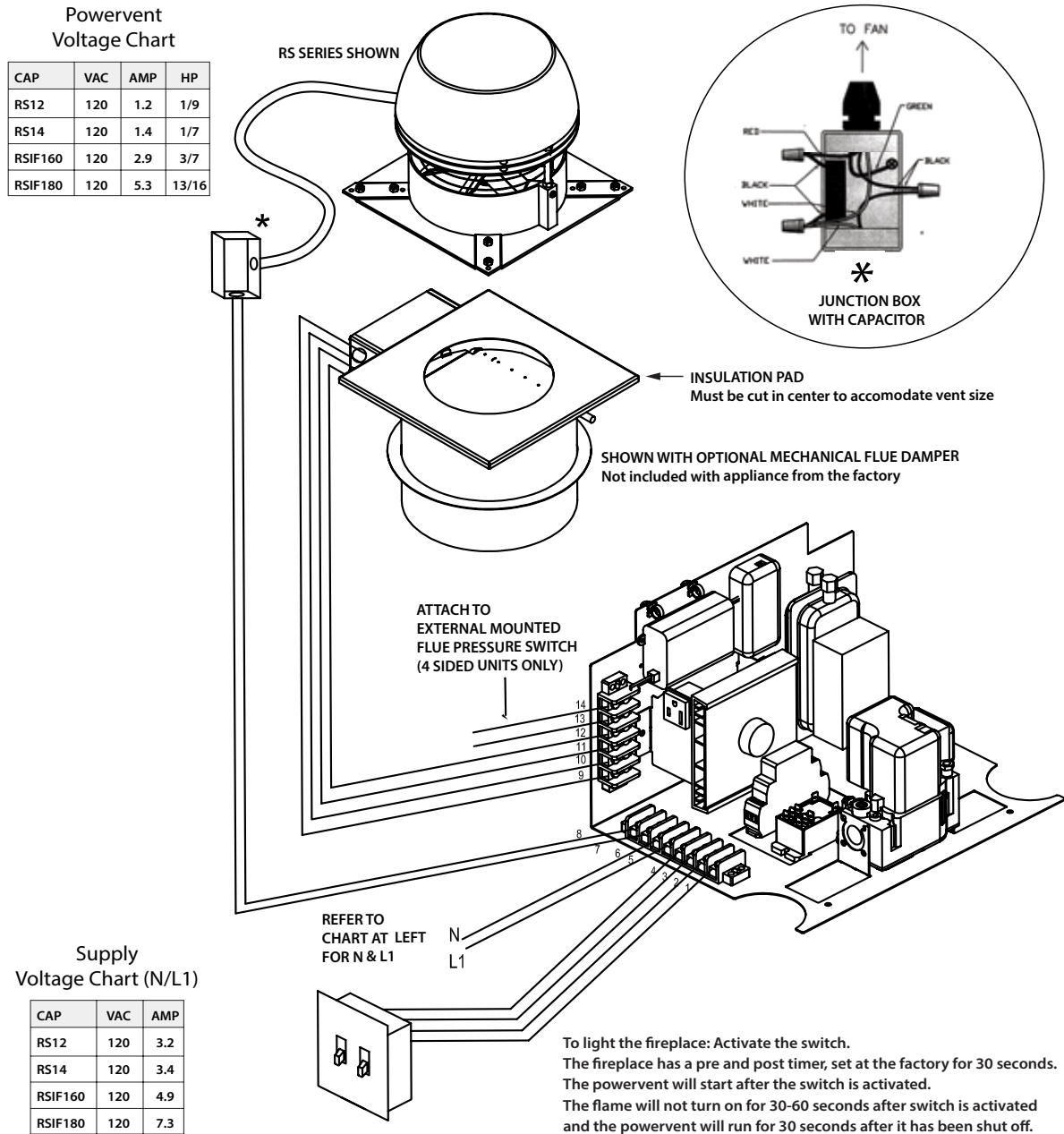


Figure 9

10 - ELECTRIC

A. ELECTRIC - AT INSTALL

Figure 10A



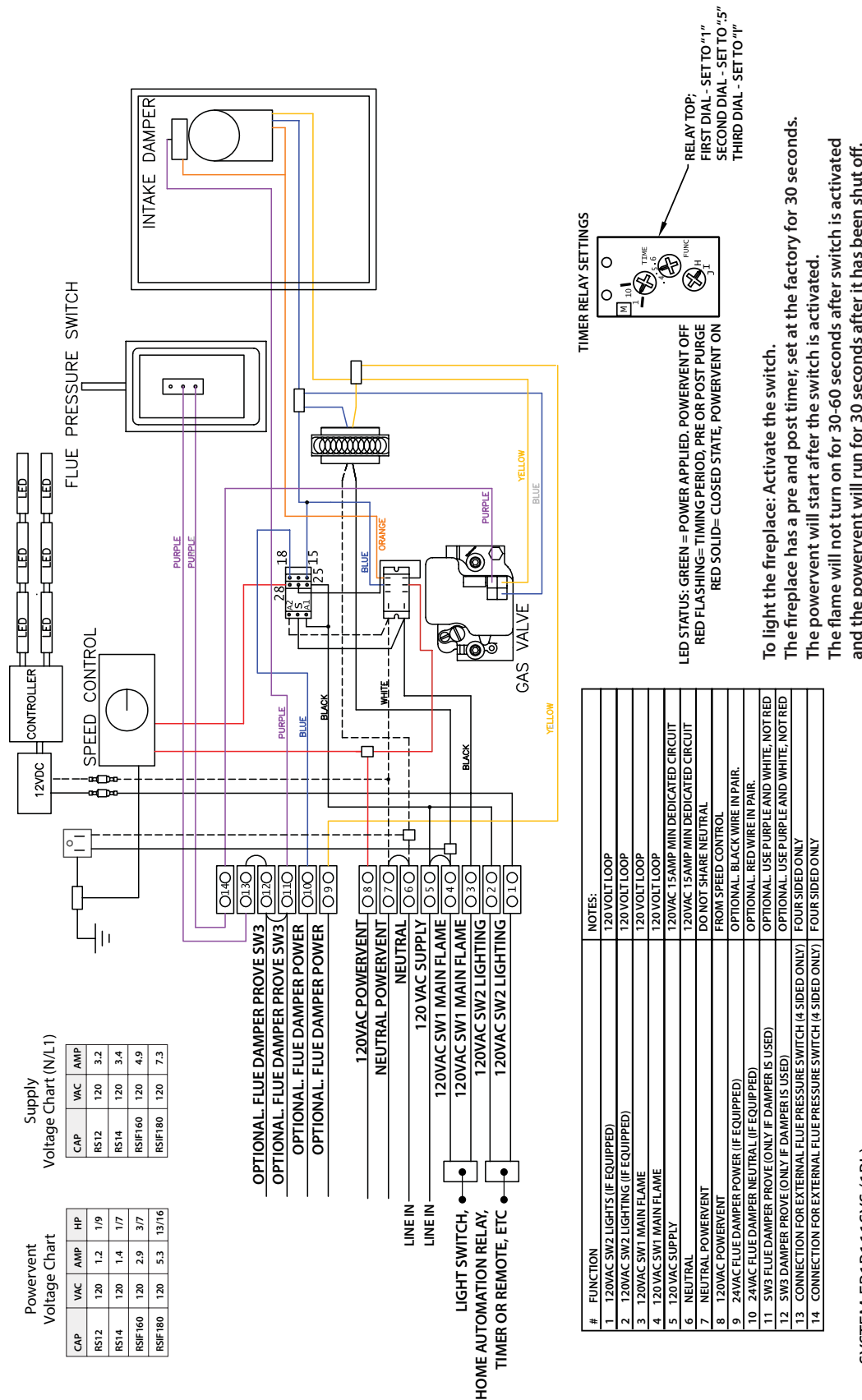
#	FUNCTION	NOTES:
1	120 VAC SW2 LIGHTS	120 VOLT LOOP
2	120VAC SW2 LIGHTS	120 VOLT LOOP
3	120VAC SW1 MAIN FLAME	120 VOLT LOOP
4	120 VAC SW1 MAIN FLAME	120 VOLT LOOP
5	120 VAC SUPPLY	CONNECT TO CONSTANT POWER SOURCE
6	NEUTRAL	CONNECT TO CONSTANT POWER SOURCE
7	NEUTRAL POWERVENT	DO NOT SHARE NEUTRAL
8	120VAC POWERVENT	FROM SPEED CONTROL
9	24VAC FLUE DAMPER POWER	OPTIONAL
10	24VAC FLUE DAMPER NEUTRAL	OPTIONAL
11	SW3 FLUE DAMPER PROVE	OPTIONAL. USE PURPLE AND WHITE, NOT RED
12	SW3 DAMPER PROVE	OPTIONAL. USE PURPLE AND WHITE, NOT RED
13	CONNECTION FOR EXTERNAL FLUE PRESSURE SWITCH (4 SIDED ONLY)	FOUR SIDED ONLY
14	CONNECTION FOR EXTERNAL FLUE PRESSURE SWITCH (4 SIDED ONLY)	FOUR SIDED ONLY

SYSTEM A - LIGHTS

10 - ELECTRIC

B. ELECTRIC - SERVICE & TROUBLESHOOTING

Figure 10B



SYSTEM FB1B11SYS (1BL)

10 - ELECTRIC

C.1 TERMINALS 1 & 2 - LED Lights

TERMINALS 1 AND 2 LED LIGHTING

TERMINAL #2 HAS 120VAC POWER
TO SUPPLY A SWITCH, RELAY, TIMER,
REMOTE, ETC.

TERMINAL #1 RETURNS 120VAC POWER
TO ACTIVATE THE LED DRIVER.

Figure 10C.1 Terminals 1 & 2

LIGHT SWITCH OR
HOME AUTOMATION RELAY OR
TIMER OR REMOTE
ETC.

○14○
○13○
○12○
○11○
○10○
○9○

○8○
○7○
○6○
○5○
○4○
○3○
○2○
○1○

C.2 TERMINALS 3 & 4 - Main Flame

TERMINALS 3 AND 4 MAIN FLAME

TERMINAL #4 HAS 120VAC POWER
TO SUPPLY A SWITCH, RELAY, TIMER,
REMOTE, ETC.

TERMINAL #3 RETURNS 120VAC POWER
TO ACTIVATE THE MAIN FLAMES.

Figure 10C.2 Terminals 3 & 4

LIGHT SWITCH OR
HOME AUTOMATION RELAY OR
TIMER OR REMOTE
ETC.

○14○
○13○
○12○
○11○
○10○
○9○

○8○
○7○
○6○
○5○
○4○
○3○
○2○
○1○

10 - ELECTRIC

C.3 TERMINALS 5 & 6 - Fireplace Power

TERMINALS 5 AND 6 FIREPLACE POWER

TERMINAL #5 IS THE 120VAC POWER SUPPLY FOR THE FIREPLACE. THIS IS A CONSTANT POWER SUPPLY AND SHOULD NOT BE SWITCHED. A SERVICE DISCONNECT MAY BE DESIRED.

TERMINAL #6 IS THE NEUTRAL CONNECTION.

GROUND - LOCATE THE GREEN WIRE CLUSTER
CONNECT THE GREEN WIRE TAIL TO BUILDING GROUND

LINE IN

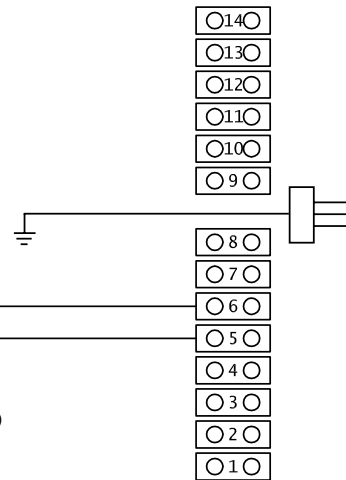


Figure 10C.3
Terminals 5 & 6

C.4 TERMINALS 7 & 8 - Powervent Connection

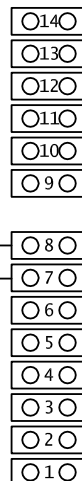
MOTOR

TERMINAL #7 IS THE NEUTRAL CONNECTION FOR THE POWERVENT MOTOR.

TERMINAL #8 IS THE HOT CONNECTION FOR THE POWERVENT MOTOR FROM THE SPEED CONTROL.

POWERVENT POWER MUST COME FROM THE TERMINAL BLOCK AND NOT ANY OTHER POWER SOURCE.

120VAC POWERVENT
NEUTRAL POWERVENT



TERMINALS 7 AND 8 POWERVENT CONNECTION

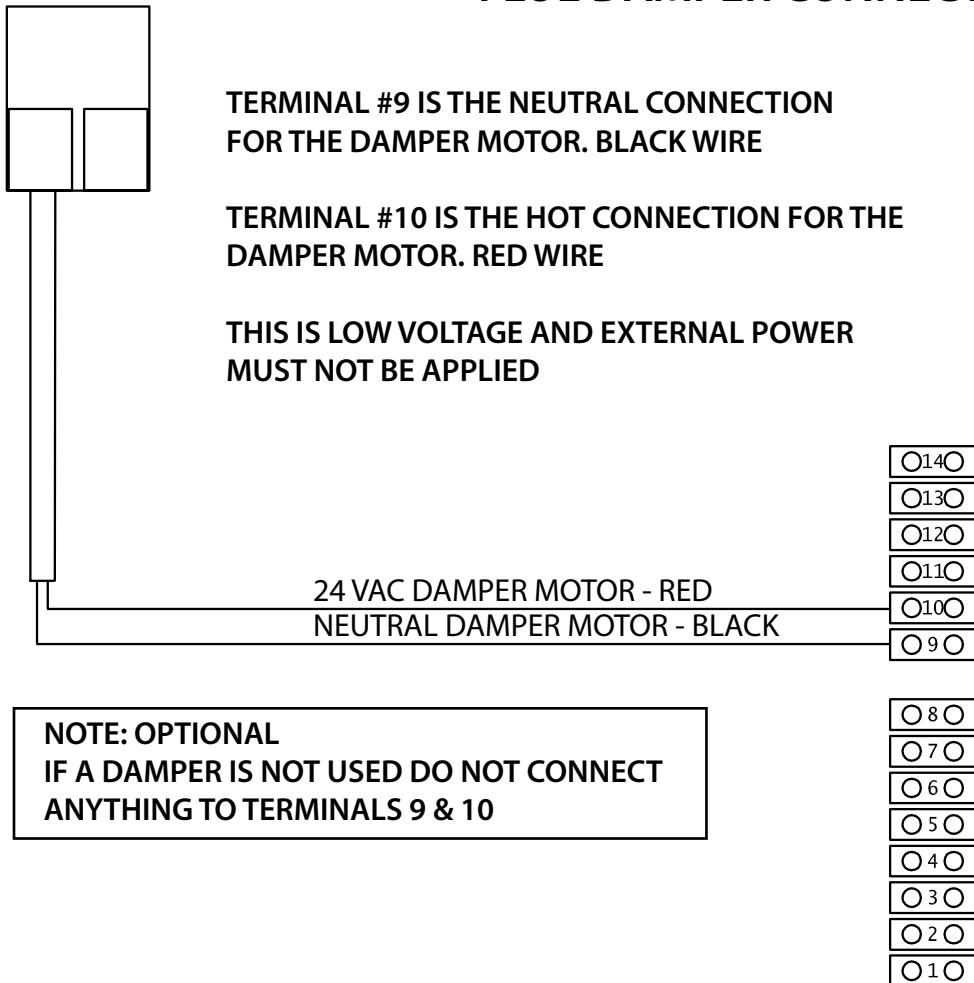
Figure 10C.4
Terminals 7 & 8

C.5 TERMINALS 9 & 10 - **OPTIONAL** Flue Damper Connection

Figure 10C.5 Terminals 9 & 10

OPTIONAL

TERMINALS 9 & 10 FLUE DAMPER CONNECTION

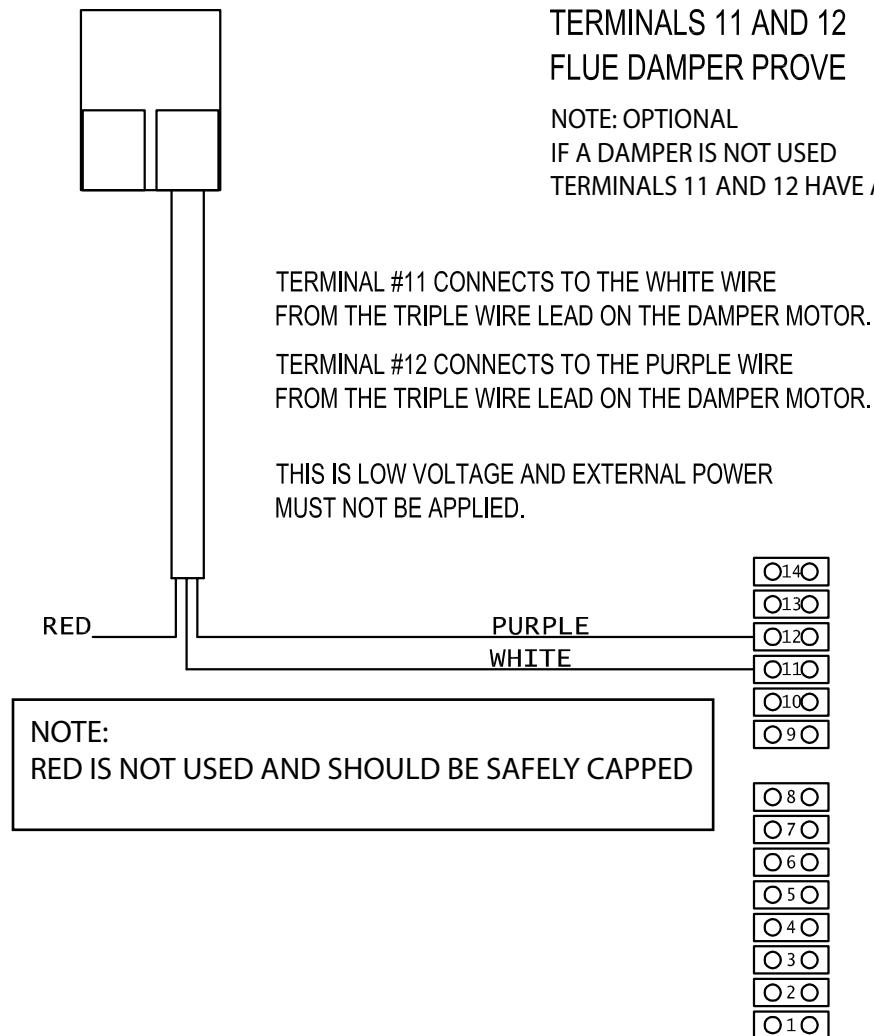


10 - ELECTRIC

C.6 TERMINALS 11 & 12 - **OPTIONAL** Flue Damper Connection

Figure 10C.6 Terminals 11 & 12

OPTIONAL



11 - FINISHING

A.1 FINISHING THE WALL - USING THE PROVIDED 1/2" STANDOFFS - INTERIOR

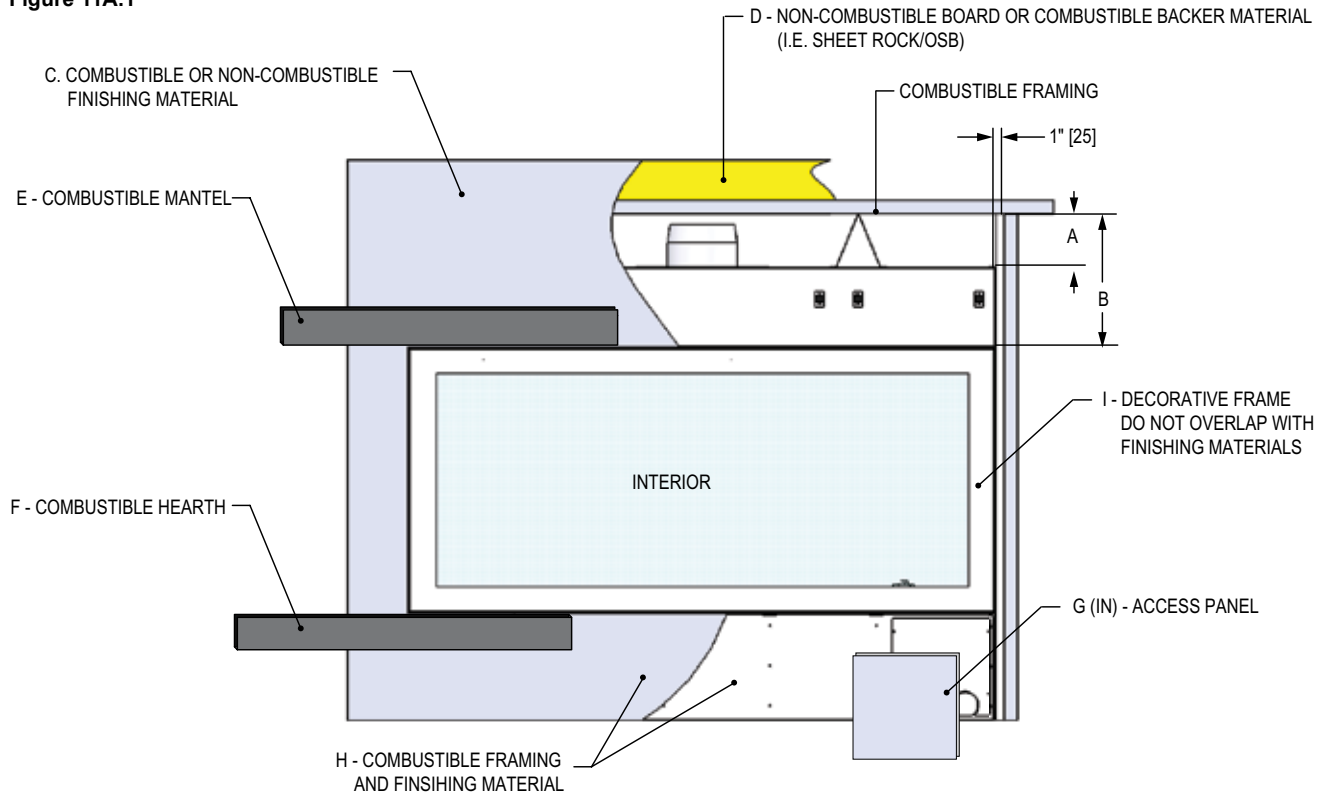


NOTE: REFER TO DIMENSIONS SECTION FOR ALLOWABLE FINISHING DIMENSIONS REQUIRED TO FIT THE GLASS PANELS INTO THE FIREPLACE. FINISHING MATERIALS MUST NOT OVERLAP THE DIMENSIONS HIGHLIGHTED IN GREEN ON PAGE 5. NEVER COVER THE GLASS WITH FINISHING MATERIALS.



NOTE: REFER TO SECTION 5 FRAMING & MANTEL REQUIREMENTS: NON-COMBUSTIBLE ZONE USING PROVIDED 1/2" STANDOFFS FOR MORE INFORMATION.

Figure 11A.1



= [millimeters]

- A. No combustible materials may be within 6" [152] of the top of the fireplace.
- B. 1/2" [13] CLEARANCE TO COMBUSTIBLES ON SURFACE. The fireplace ships with standoffs in place to ensure a 1/2" [13] clearance to combustibles is maintained on the surface. See Figure 10A.1. If the standoffs are removed, only non-combustible material can be installed against the surface of the fireplace such as a non-combustible backer cement board. 1/2" [13] minimum thickness must be used in the space* between the top of the 3" trim to the combustible framing the full width of the fireplace. The space* includes a 7" [76] minimum above the top of the fireplace that is recommended for ease of attachment. * = 15" [381] for 3'-7' units and 19" [483] for 8' units. See Figure 10A.2
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the decorative frame area. There are no restrictions on mantel depth.
- F. Combustible hearth may be placed below the bottom of the decorative frame area.
- G. (IN) Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are three access panel options all located on the pilot side of the fireplace; interior front (shown above), side, and inside behind the glass. Please take consideration of which option will be used to access the components for service later during planning.
- H. Combustible framing and finishing materials allowed.
- I. The 3" [76] surface behind the decorative glass frame (not shown) can not be covered with any type of material. The glass and decorative frame will be placed on top of this surface. Fasteners must not penetrate the 3" [76] surface.

11 - FINISHING

A.2 FINISHING THE WALL - USING THE PROVIDED 1/2" STANDOFFS - EXTERIOR

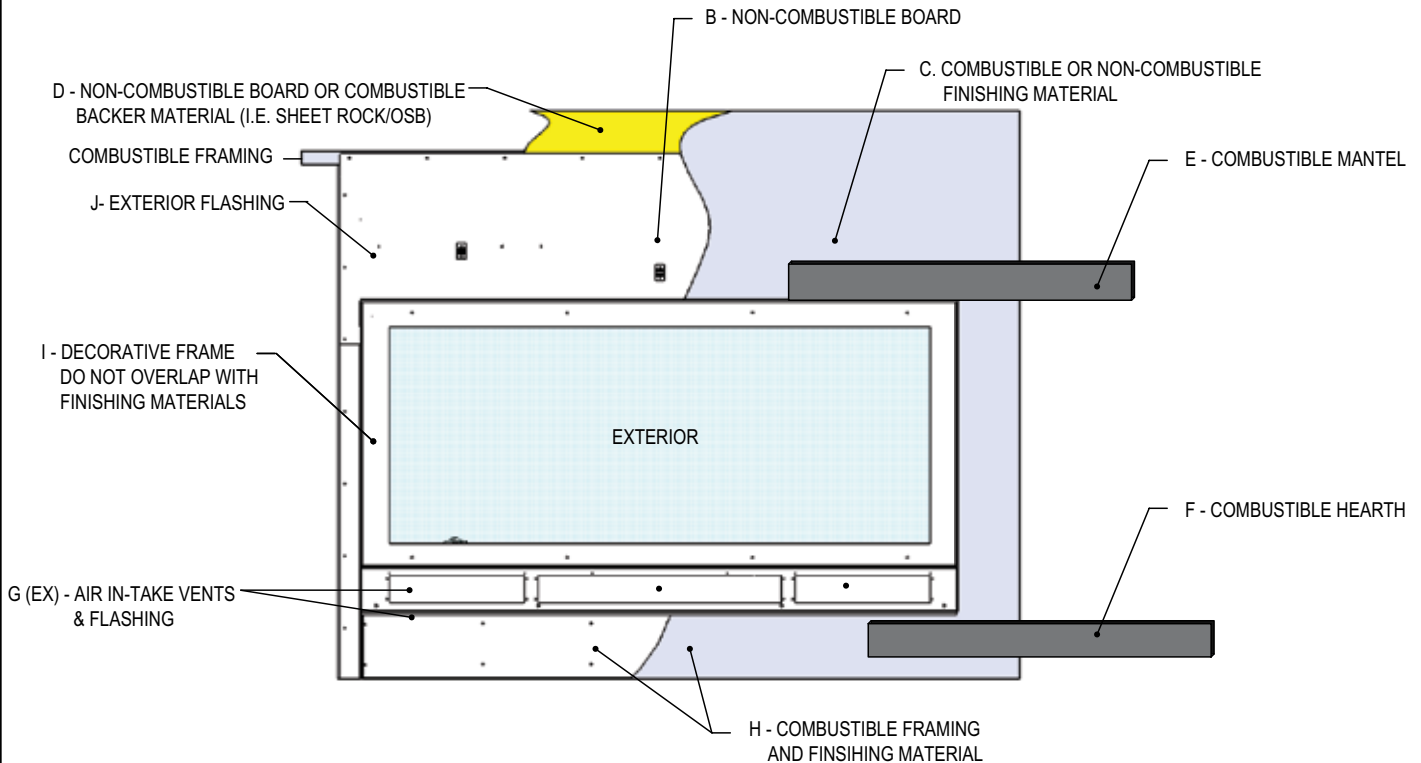


NOTE: REFER TO DIMENSIONS SECTION FOR ALLOWABLE FINISHING DIMENSIONS REQUIRED TO FIT THE GLASS PANELS INTO THE FIREPLACE. FINISHING MATERIALS MUST NOT OVERLAP THE DIMENSIONS HIGHLIGHTED IN GREEN ON PAGE 5. NEVER COVER THE GLASS WITH FINISHING MATERIALS.



NOTE: REFER TO SECTION 5 FRAMING & MANTEL REQUIREMENTS: NON-COMBUSTIBLE ZONE USING PROVIDED 1/2" STANDOFFS FOR MORE INFORMATION.

Figure 11A.2



- = [millimeters]
- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
 - B. 1/2" [13] CLEARANCE TO COMBUSTIBLES ON SURFACE. The fireplace ships with standoffs in place to ensure a 1/2" [13] clearance to combustibles is maintained on the surface. See Figure 10A.1. If the standoffs are removed, only non-combustible material can be installed against the surface of the fireplace such as a non-combustible backer cement board. 1/2" [13] minimum thickness must be used in the space* between the top of the 3" [76] trim to the combustible framing the full width of the fireplace. The space* includes a 7" [178] minimum above the top of the fireplace that is recommended for ease of attachment. *= 15" [381] for 3'-7" units and 19" [483] for 8' units. See Figure 10A.2
 - C. Combustible material may cover the non-combustible area mentioned in B.
 - D. Combustible finishing materials allowed.
 - E. Combustible mantel may be placed above the top of the decorative glass frame (G) area. There are no restrictions on mantel depth.
 - F. Combustible hearth may be placed below the bottom of the air in-take vents (F).
 - G. (EX) Air in-takes run the length of fireplace underneath the decorative frame. They must not be obstructed. You must properly flash and slope above the hearth so water drains away from the wall.
 - H. Combustible framing and finishing materials allowed.
 - I. The 3" [76] surface behind the decorative glass frame (not shown) can not be covered with any type of material. The glass and decorative frame will be placed on top of this surface. Fasteners must not penetrate the 3" [76] surface.

11 - FINISHING

B.1 FINISHING THE WALL - NOT USING THE PROVIDED 1/2" STANDOFFS - **INTERIOR**

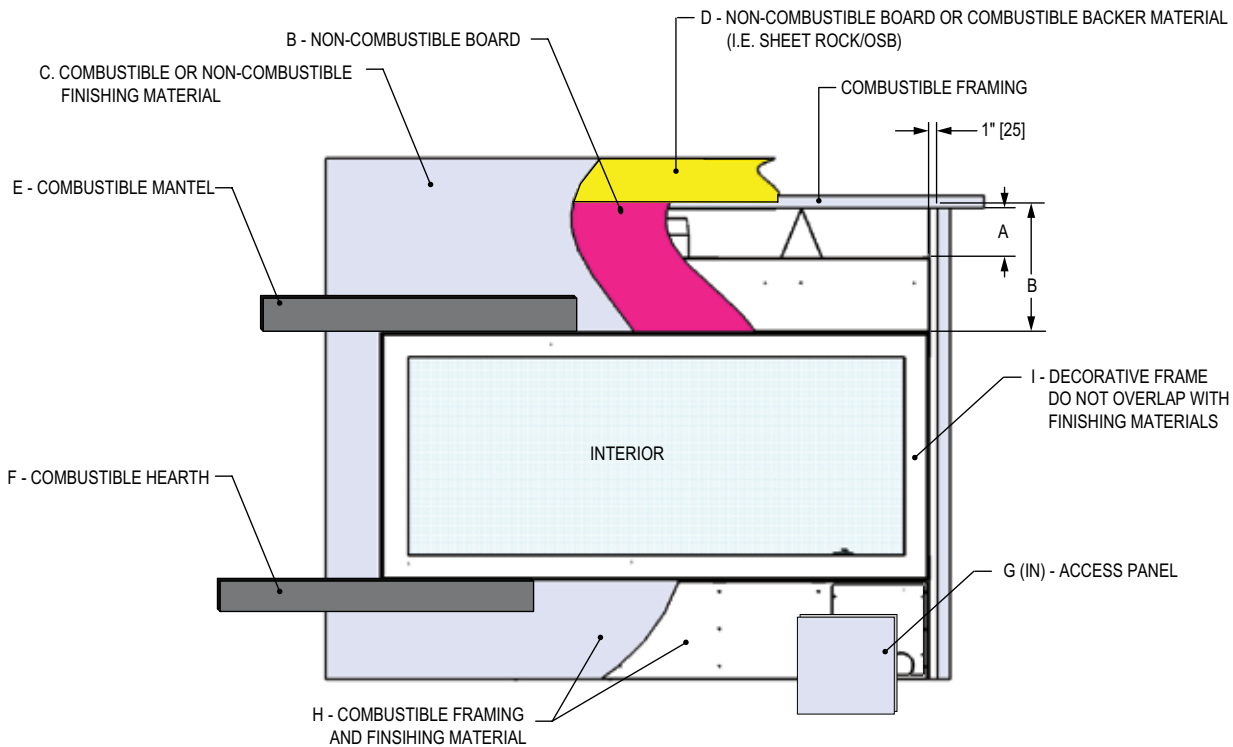


NOTE: REFER TO DIMENSIONS SECTION FOR ALLOWABLE FINISHING DIMENSIONS REQUIRED TO FIT THE GLASS PANELS INTO THE FIREPLACE. FINISHING MATERIALS MUST NOT OVERLAP THE DIMENSIONS HIGHLIGHTED IN GREEN ON PAGE 5. NEVER COVER THE GLASS WITH FINISHING MATERIALS.



NOTE: REFER TO SECTION 5 FRAMING & MANTEL REQUIREMENTS: NON-COMBUSTIBLE ZONE USING PROVIDED 1/2" STANDOFFS FOR MORE INFORMATION.

Figure 11B.1



= [millimeters]

- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. 1/2" [13] CLEARANCE TO COMBUSTIBLES ON SURFACE. The fireplace ships with standoffs in place to ensure a 1/2" [13] clearance to combustibles is maintained on the surface. See Figure 10A.1. If the standoffs are removed, only non-combustible material can be installed against the surface of the fireplace such as a non-combustible backer cement board. 1/2" [13] minimum thickness must be used in the space* between the top of the 3" [76] trim to the combustible framing the full width of the fireplace. The space* includes a 7" [178] minimum above the top of the fireplace that is recommended for ease of attachment. *= 15" [381] for 3'-7' units and 19" [483] for 8' units. See Figure 10A.2
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the decorative glass frame (G) area. There are no restrictions on mantel depth.
- F. Combustible hearth may be placed below the bottom of the decorative glass frame area (F).
- G. (IN) Flat covers will cover the components access. Gas and electric inlets are located behind this panel. There are three access panel options all located on the pilot side of the fireplace; interior front (not shown above), side, and inside behind the glass. Please take consideration of which option will be used to access the components for service later during planning.
- H. Combustible framing and finishing materials allowed.
- I. The 3" [76] surface behind the decorative glass frame (not shown) can not be covered with any type of material. The glass and decorative frame will be placed on top of this surface. Fasteners must not penetrate the 3" [76] surface.

11 - FINISHING

B.2 FINISHING THE WALL - NOT USING THE PROVIDED 1/2" STANDOFFS - EXTERIOR

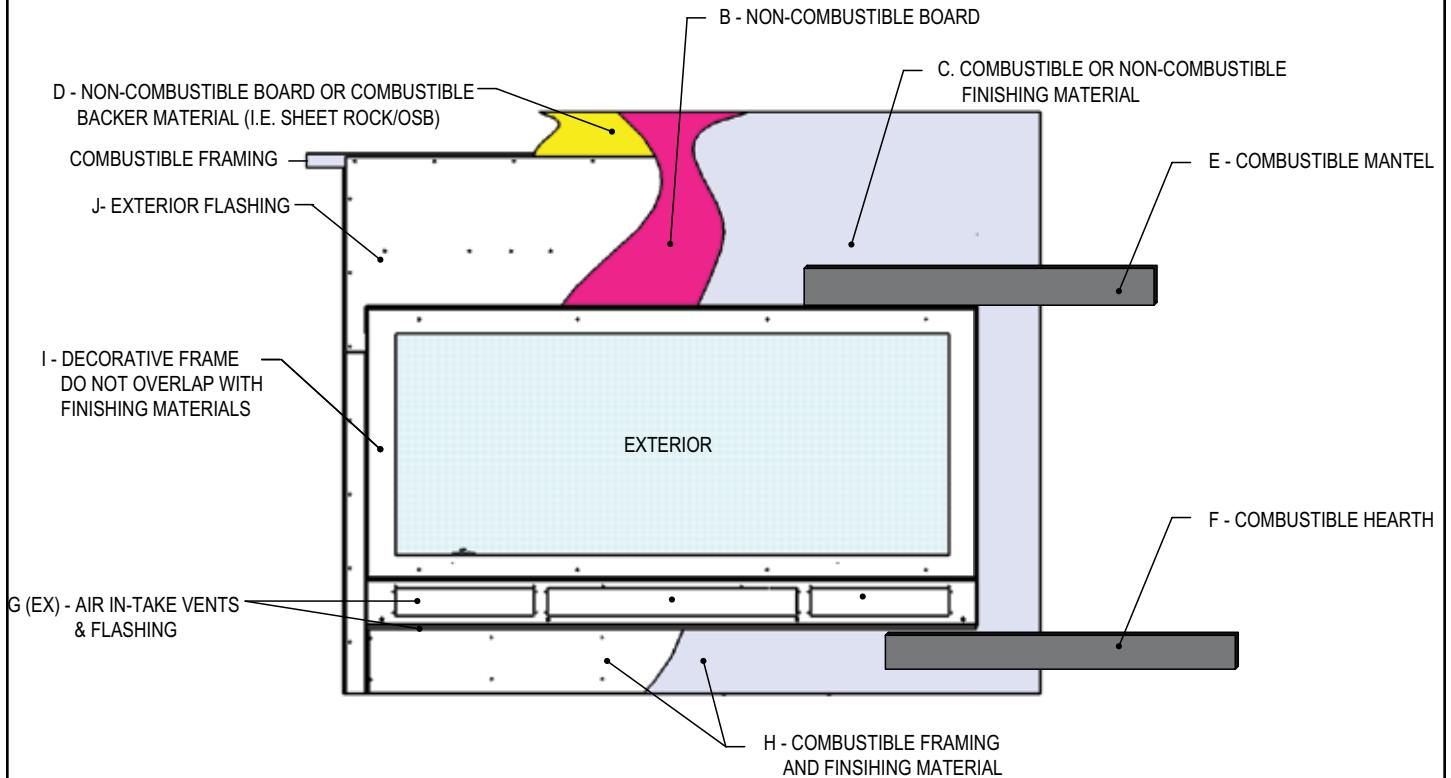


NOTE: REFER TO DIMENSIONS SECTION FOR ALLOWABLE FINISHING DIMENSIONS REQUIRED TO FIT THE GLASS PANELS INTO THE FIREPLACE. FINISHING MATERIALS MUST NOT OVERLAP THE DIMENSIONS HIGHLIGHTED IN GREEN ON PAGE 5. NEVER COVER THE GLASS WITH FINISHING MATERIALS.



NOTE: REFER TO SECTION 5 FRAMING & MANTEL REQUIREMENTS: NON-COMBUSTIBLE ZONE USING PROVIDED 1/2" STANDOFFS FOR MORE INFORMATION.

Figure 11B.2



= [millimeters]

- A. No combustible materials may be within 6" [152mm] of the top of the fireplace.
- B. 1/2" [13] CLEARANCE TO COMBUSTIBLES ON SURFACE. The fireplace ships with standoffs in place to ensure a 1/2" [13] clearance to combustibles is maintained on the surface. See Figure 10A.1. If the standoffs are removed, only non-combustible material can be installed against the surface of the fireplace such as a non-combustible backer cement board. 1/2" [13] minimum thickness must be used in the space* between the top of the 3" [76] trim to the combustible framing the full width of the fireplace. The space* includes a 7" [178] minimum above the top of the fireplace that is recommended for ease of attachment. *= 15" [381] for 3'-7" units and 19" [483] for 8' units. See Figure 10A.2
- C. Combustible material may cover the non-combustible area mentioned in B.
- D. Combustible finishing materials allowed.
- E. Combustible mantel may be placed above the top of the decorative glass frame (G) area. There are no restrictions on mantel depth.
- F. Combustible hearth may be placed below the bottom of the air in-take vents (F).
- G. (EX) Air in-takes run the length of fireplace underneath the decorative frame. They must not be obstructed. You must properly flash and llope above the hearth so water drains away from the wall.
- H. Combustible framing and finishing materials allowed.
- I. The 3" [76] surface behind the decorative glass frame (not shown) can not be covered with any type of material. The glass and decorative frame will be placed on top of this surface. Fasteners must not penetrate the 3" [76] surface.

12 - LIGHTING & SHUTDOWN

FOR YOUR SAFETY - READ BEFORE LIGHTING



STOP: IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT, CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

DUE TO HIGH SURFACE TEMPERATURES, KEEP CHILDREN, CLOTHING AND FURNITURE AWAY.

This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air. It is important to make sure the termination cap remains unobstructed at all times from snow, ice, leaves or other debris.

- This fireplace is equipped with an ignition device which automatically lights the pilot and main burner. The pilot and burner light automatically with the wall switch. **DO NOT** try to light the pilot by hand. Before lighting this fireplace, follow these instructions exactly.
- **BEFORE LIGHTING**, smell all around the appliance for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system which has been under water.

WHAT TO DO IF YOU SMELL GAS:

- Do not touch any electrical switches
- Do not try to light any appliance
- Do not use the 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

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE



NOTE: A PAINT SMELL WILL OCCUR DURING THE FIRST FEW HOURS OF BURNING.



NOTE: THIS FIREPLACE MAY PRODUCE NOISES OF VARYING DEGREE AS IT HEATS AND COOLS DUE TO METAL EXPANSION AND CONTRACTION. THIS IS NORMAL AND DOES NOT AFFECT THE PERFORMANCE OR LONGEVITY OF THE FIREPLACE.

A. LIGHTING THE FIREPLACE

To light the fireplace:

Activate the switch.

The fireplace has a pre and post timer, set at the factory for 30 seconds.

The powervent will start after the switch is activated.

The flame will not turn on for 30-60 seconds after switch is activated.

The powervent will run for 30 seconds after the fireplace has been shut off.

12 - LIGHTING & SHUTDOWN



STOP! Read safety information on previous page and front cover of this manual before continuing.



NOTE: This fireplace is equipped with an ignition device which automatically lights the pilot. **DO NOT** try to light the pilot by hand.

B. IF THE FIREPLACE DOES NOT LIGHT

1. Turn off the fireplace at switch.
2. Turn off all electrical power to fireplace.
3. Wait five (5) minutes to allow any gas that may have accumulated inside firebox to escape. If you then smell gas, STOP! Follow safety information on front cover and on previous page of the installation manual. If you don't smell gas, go to next step.
4. Turn ON all electrical power to fireplace.
5. Turn fireplace on at switch.

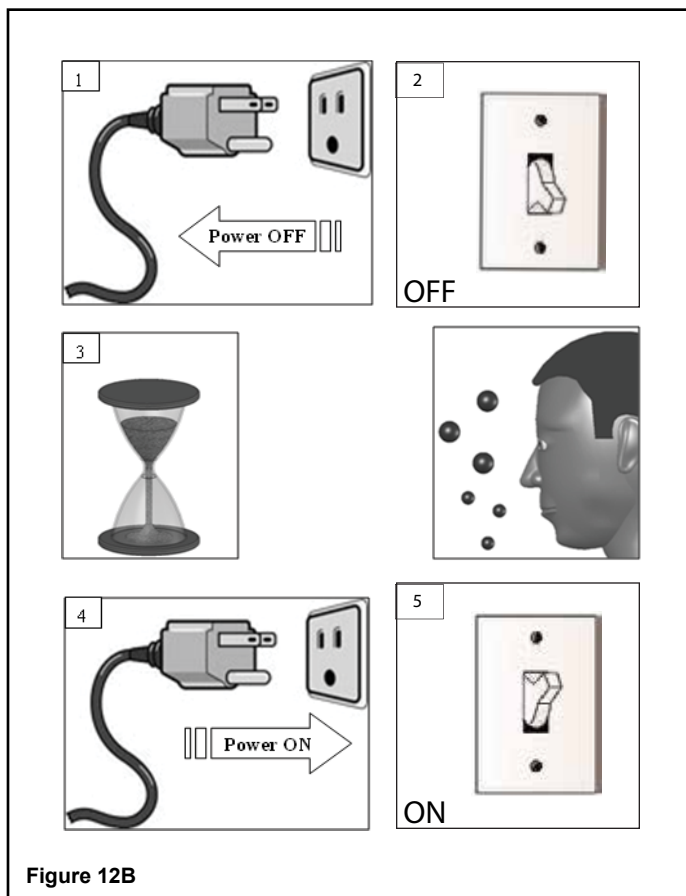


Figure 12B



CAUTION: If fireplace will not operate, follow instructions **TURNING OFF GAS TO FIREPLACE** and call your service technician or the gas supplier.



NOTE: When fireplace is initially lit, condensation may appear on the glass; this is normal in all gas fireplaces and will disappear after several minutes.

13 - PRESSURE TESTING



NOTE: The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at pressures in excess of ½ psi.



NOTE: The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas line at test pressures equal to or less than ½ psi (3.5 kPa).

INLET PRESSURE TEST

1. The valve has an allen-plug on the inlet and outlet.
2. Install a barb fitting on the tap you want to measure.
3. Light the fireplace, check the pressure.
4. Turn off fireplace; reinstall plug.
5. Check for leaks.



CAUTION: A LOW PRESSURE READING CAN CAUSE DELAYED IGNITION



NOTE: If inlet pressure reading is too high or too low, contact the gas company. Only a qualified gas service technician should adjust incoming gas pressure.

14 - FINALIZING THE INSTALLATION

A. INSTALLING THE MEDIA

Figure 13A

Place the supplied glass media into the base tray.
Cover the base evenly. Do not use more than the supplied amount.

Do not get any glass media into the pilot area; a hazardous condition could result!

You should be able to see the burner slightly through the media.

DO NOT COVER THE BURNERS; POOR FLAME APPEARANCE WILL RESULT.



Figure 14A

NOTE: DO NOT SUBSTITUTE THE SUPPLIED MEDIA WITH ANY OTHER KIND OF MEDIA WITHOUT WRITTEN APPROVAL OF STELLAR HEARTH PRODUCTS.

B. FLAME APPEARANCE

Flame appearance is affected by several factors including altitude, venting configuration and fuel quality. Although the venturi setting has been factory set, adjustments may be necessary for optimal performance and visual aesthetics.

When fireplace is first lit, the flames will be blue. Flames will gradually turn yellowish-orange during first 15 minutes of operation. If flames remain blue, or become dark orange with evidence of sooting (black tips), the burner tube venturi may need adjustment. Contact Stellar Hearth.

15 - MAINTENANCE

The appliance is required to be inspected at least once a year by a professional service person. The compartment below firebox (behind lower access panel) must be cleaned at least once a year, more frequent cleaning may be required due to excessive lint from carpeting, bedding materials, or other fibrous materials. It is imperative that the burner be cleaned once a year.

VALVE AND ELECTRICAL ACCESS

There is an access panel under the floor of the firebox should more extensive service be needed. Remove the inner and outer glass panels. Remove the glass media on the end with the pilot. The end floor lifts out; remove the screws and lift it out. Remove the burner and loosen the pilot bracket. There is a panel under the floor you removed. Remove the 6 screws and slide the panel up.



NOTE: INSTALLATION AND REPAIR SHOULD BE DONE ONLY BY QUALIFIED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND ANNUALLY BY A QUALIFIED SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIALS, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATION AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.

A. VENT SYSTEM

- Annual examination of venting system by a qualified agency is required.
- IF VENT-AIR INTAKE SYSTEM IS DISASSEMBLED FOR ANY REASON, RE-INSTALL PER INSTRUCTIONS PROVIDED WITH INITIAL INSTALLATION.
- The flow of combustion air must not be obstructed.

B. GLASS CLEANING & REPLACEMENT



WARNING! RISK OF INJURY! DO NOT remove glass until it is cooled to room temperature. Glass breakage could occur. See Section 6 for glass installation and removal instructions.

- Clean glass only when cool and only with non-abrasive cleansers.
- Do not operate this fireplace with glass/frame assembly removed, cracked or broken.
- The glass assembly shall only be replaced as a complete unit.
- Replacement of glass & frame assembly, must only be performed by a licensed or qualified service person.
DO NOT SUBSTITUTE MATERIALS.
- Do not strike or slam glass door assembly.



NOTE: IN CASE OF CHIPPED OR BROKEN GLASS

Due to the size and sensitivity of shipping the glass separately, it is best to have the replacement glass cut locally if needed. Have your local dealer assist you with contacting Stellar Hearth Products directly to get the proper glass specifications.



CAUTION: LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION. VERIFY PROPER OPERATION AFTER SERVICING. KEEP APPLIANCE AREA CLEAR OF COMBUSTIBLE MATERIALS, SUCH AS GASOLINE AND OTHER FLAMMABLE VAPORS AND LIQUIDS. VAPORS AND LIQUIDS.

16 - REPLACEMENT PARTS LIST

C. REPLACEMENT PARTS LIST

PART	PART NUMBER
Gas Valve - 3' - 7' Units	SV9501
Gas Valve - 8' Units	SV9601
Pilot Assembly	112-5000
Pilot Tube	16400-2851
Replacement Ignitor	B13M-1D643C
Orifice, NG #43	16400-2043
Orifice, Propane #55	16400-2055
Vacuum Switch	112-5003
Transformer, 24 VAC	112-5002
Timer Relay	112-5014
Solid State Relay	112-5009
Speed Control, 10 AMP	16400-4000

PART	PART NUMBER	QUANTITY
Crystal Rock, 5 lb bag	2188-851	<u>Varies by model size</u>
		3' = 6 bags
		4' = 8 bags
		5' = 9 bags
		6' = 11 bags
		7' = 13 bags
		8' = 15 bags

PART	PART NUMBER
8 Inch Exhaust Collar - 3'-5' Units	16400-1450
10 Inch Intake/Exhaust Collar - 6'-7' Units	16400-1550
12 Inch Intake Collar - 8' Units	16800-1550
LED Controller	16400-1901
LED Remote Control	16400-1901R
LED Transformer, 12VDC	16400-1900
Switch, 15 Amp Toggle	16400-3013
2-Gang Electrical Box	16400-3014
White Nylon 2-Gang Plate	16400-3015
Suction Cup	675-9605
8 Inch Powervent Chimney Collar	117-001
10 Inch Powervent Chimney Collar	117-002

PART	PART NUMBER
Replacement Capacitor - RS12	601.0400.0064
Replacement Capacitor - RS14	604.0400.0064
Replacement Capacitor - RSIF160	604.0600.0064
Replacement Capacitor -RSIF180	604.0800.0064

PART	PART NUMBER
Natural Gas to Propane Gas Conversion Kit - All Sizes	NG2LP
Propane Gas to Natural Gas Conversion Kit - All Sizes	LP2NG

PART	PART NUMBER
Energex Chimney Fan used for 3' - 5' units	RS12
Energex Chimney Fan used for 6' - 8' units	RS14
Energex In-line Chimney Fan used for 3' - 5' units	RSIF160
Energex In-line Chimney Fan used for 6' - 8' units	RSIF180

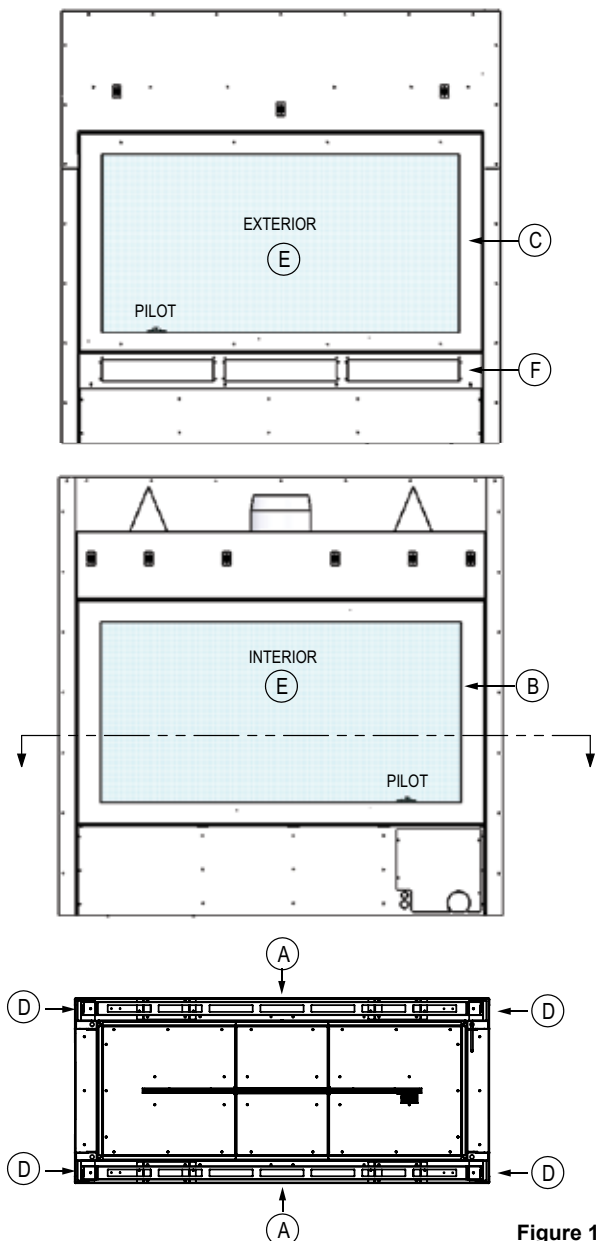


Figure 15C

16 - REPLACEMENT PARTS LIST

C. REPLACEMENT PARTS LIST

MODEL = Refer to Figure 15C	D = Vertical Trim Pieces Between Glass		A = Horizontal Trim Pieces Between Glass	
	Part #	Qty	Part #	Qty
3IDOD-24GL	SRV20200-1935	4	SRV20199-1845	2
3IDOD-36GL	SRV20200-1955	4	SRV20199-1845	2
4IDOD-24GL	SRV20200-1935	4	SRV20200-1845	2
4IDOD-36GL	SRV20200-1955	4	SRV20200-1845	2
5IDOD-24GL	SRV20200-1935	4	SRV20201-1845	2
5IDOD-36GL	SRV20200-1955	4	SRV20201-1845	2
6IDOD-24GL	SRV20200-1935	4	SRV20202-1845	2
6IDOD-36GL	SRV20200-1955	4	SRV20202-1845	2
7IDOD-24G	SRV20200-1935	4	SRV20203-1845	2
7IDOD-36GL	SRV20200-1955	4	SRV20203-1845	2
8IDOD-24GL	SRV20200-1935	4	SRV20204-1845	2
8IDOD-36GL	SRV20200-1955	4	SRV20204-1845	2

MODEL	B = Interior Decorative Frame - Black		C = Exterior Decorative Frame - Stainless Steel		E = Glass Frame Assembly		F = Intake Grill Assembly	
	Part #		Part #	Qty	Part #	Qty	Part #	Qty
3IDOD-24GL	SRV20199-1104	1	SRV20199-1103	1	SRV20199-0090	2	SRV20199-0080	1
3IDOD-36GL	SRV20199-1184	1	SRV20199-1183	1	SRV20199-0890	2	SRV20199-0080	1
4IDOD-24GL	SRV20200-1104	1	SRV20200-1103	1	SRV20200-0090	2	SRV20200-0080	1
4IDOD-36GL	SRV20200-1184	1	SRV20200-1183	1	SRV20200-0890	2	SRV20200-0080	1
5IDOD-24GL	SRV20201-1104	1	SRV20201-1103	1	SRV20201-0090	2	SRV20201-0080	1
5IDOD-36GL	SRV20201-1184	1	SRV20201-1183	1	SRV20201-0890	2	SRV20201-0080	1
6IDOD-24GL	SRV20202-1104	1	SRV20202-1103	1	SRV20202-0090	2	SRV20202-0080	1
6IDOD-36GL	SRV20202-1184	1	SRV20202-1183	1	SRV20202-0890	2	SRV20202-0080	1
7IDOD-24G	SRV20203-1104	1	SRV20203-1103	1	SRV20203-0090	2	SRV20203-0080	1
7IDOD-36GL	SRV20203-1184	1	SRV20203-1183	1	SRV20203-0890	2	SRV20203-0080	1
8IDOD-24GL	SRV20204-1104	1	SRV20204-1103	1	SRV20204-0090	2	SRV20204-0080	1
8IDOD-36GL	SRV20204-1184	1	SRV20204-1183	1	SRV20204-0890	2	SRV20204-0080	1

Hearth & Home Technologies LIMITED LIFETIME WARRANTY

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

WARRANTY COVERAGE:

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

WARRANTY PERIOD:

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

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

Warranty Period		HHT Manufactured Appliances and Venting					
Parts	Labor	Gas	Pellet	Wood	Electric	Venting	Components Covered
1 Year		X	X	X	X	X	All parts including handles, external enameled components and other material except as covered by Conditions, Exclusions, and Limitations listed
2 years			X	X			Igniters, Auger Motors, Electronic Components, and Glass
		X					Electrical components limited to modules, remotes/wall switches, valves, pilots, blowers, junction boxes, wire harnesses, transformers and lights (excluding light bulbs)
		X		X			Molded Refractory Panels, Glass Liners
3 years			X				Firepots, burnpots, mechanical feeders/auger assemblies
5 years	1 year	X					Vent Free Burners, Vent Free Logs
			X	X			Castings, Medallions and Baffles
6 years	3 years			X			Catalyst - Limitations Listed
7 years	3 years		X	X			Manifold tubes, HHT Chimney and Terminations
10 years	1 year	X					Burners, logs and refractory
Limited Lifetime	3 years	X	X	X			Firebox and heat exchanger, FlexBurn® System (engine, inner cover, access cover and fireback)
1 Year	None	X	X	X	X	X	All replacement parts beyond warranty period

See conditions, exclusions and limitations on the next page

WARRANTY CONDITIONS:

- This warranty only covers HHT appliances that are purchased through an HHT authorized dealer or distributor. A list of HHT authorized dealers is available on the HHT branded websites.
- This warranty is only valid while the HHT appliance remains at the site of original installation.
- This warranty is only valid in the country in which the HHT authorized dealer or distributor that sold the appliance resides.
- Contact your installing dealer for warranty service. If the installing dealer or distributor 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.
- Limited Catalyst Warranty
 - o For wood burning products containing a catalyst, the catalyst will be warranted for a six-year period to the original purchaser at the site of original installation. The purchaser must provide the name, address, and telephone number of the location where the product is installed, proof of original purchase date, date of failure, and any relevant information regarding the failure of the catalyst.

WARRANTY EXCLUSIONS:

This warranty does not cover the following:

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

This warranty is void if:

- The appliance has been over-fired, 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, deformation/warping of interior cast iron structure or components, rust colored cast iron, bubbling, cracking and discoloration of steel or enamel finishes.
- The appliance is subjected to prolonged periods of dampness or condensation.
- There is any damage to the appliance or other components due to water or weather damage which is the result of, but not limited to, improper chimney or venting installation.

LIMITATIONS OF LIABILITY

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