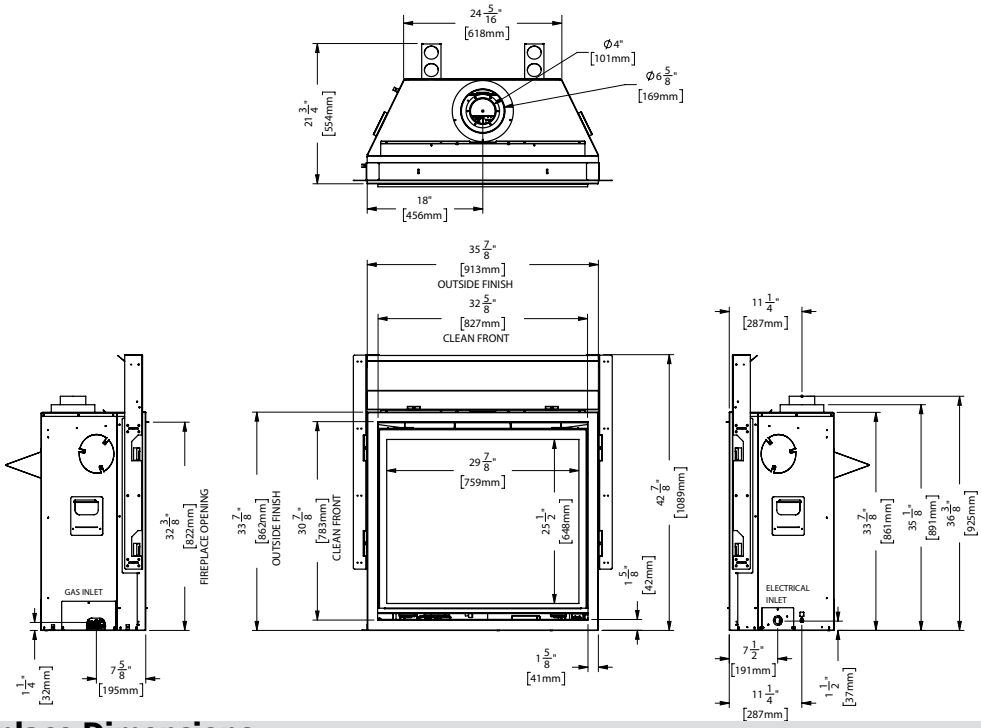
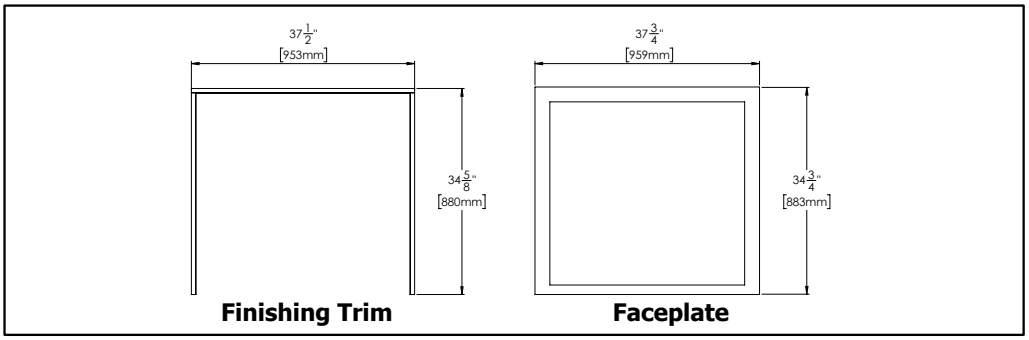
GRANDVIEW G800EH GAS FIREPLACE

MODEL	G800EH-NG	G800EH-LP
Fuel Type	Natural Gas	Propane
Min. Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.74 kPa)
Manifold Pressure - High	3.8" W.C. (0.94 kPa)	10" W.C. (2.49 kPa)
Manifold Pressure - Low	1.1" W.C. (0.27 kPa)	6.4" W.C. (1.60 kPa)
Orifice Size - Altitude 0-4500 ft	# 35 DMS	# 51 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	19,500 Btu/h (5.71 kW)	27,000 Btu/h (7.91 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	36,000 Btu/h (10.55 kW)	34,000 Btu/h (9.96 kW)
CSA P.4.1 Fireplace Efficiency (FE)	58.76%	60.29%

Unit Dimensions



Minimum Fireplace Dimensions



Note: Gas connection is from the left hand side of the appliance & electrical connection on right hand side of the appliance. A metal receptacle box is supplied/ installed with the appliance to make all 120 volt electrical connections.

Clearance/Framing and Venting Configurations

The G800EH is designed to allow for unique installation options—depending on the desired finish.
Please review the options and follow the specific clearance, framing, and finishing options for that application.

The applications are as follows:

Cool Wall installation-Clean Front & Outside Finish: combustible materials can be installed right up to the fireplace opening on both sides with this option.

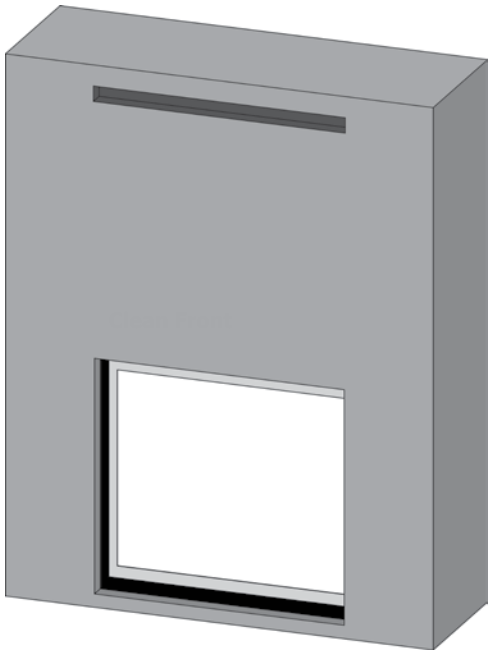
Note: Non combustible material is required above the fireplace. See manual for details.

Non Cool Wall Non Combustible Installation-Clean Front & Outside Finish Applications: non-combustible required when installing materials right to the fireplace opening with this option.

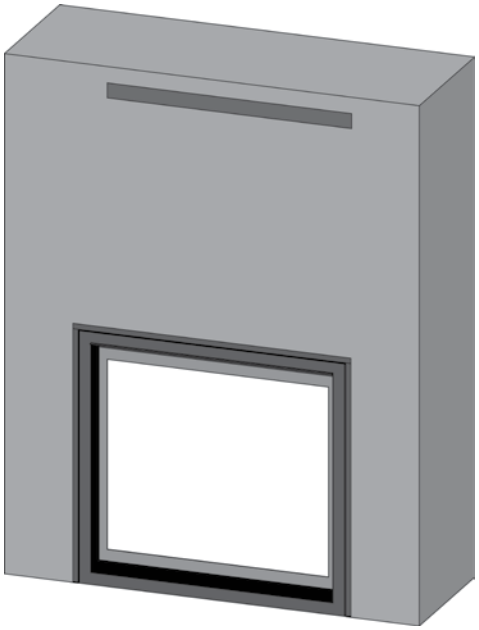
Note: The topics listed below can be found in the pages that follow.

Cool Wall Installation (Non Combustible Finishing)

Cool Wall Install:
- Vented Chase
- Non Combustible Board required
- Combustible Framing



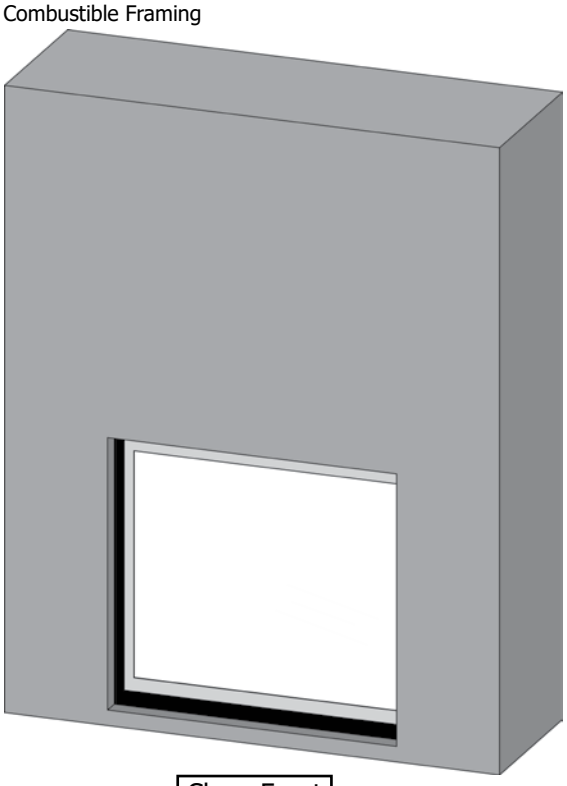
Clean Front



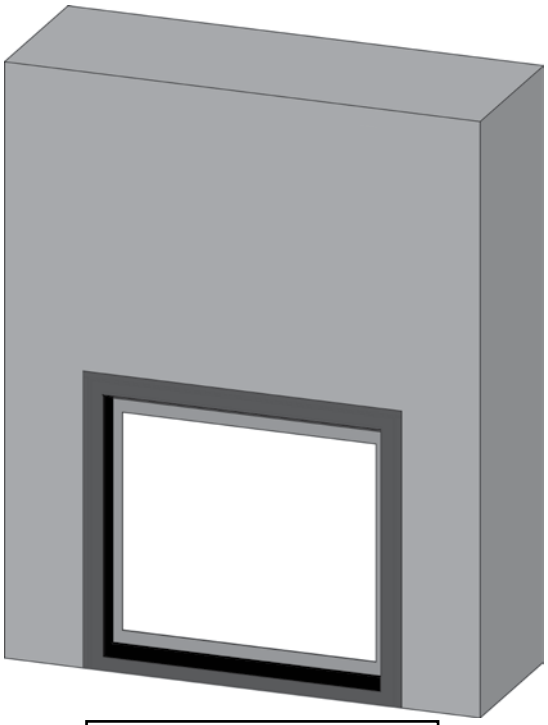
Outside Finish w/ Finishing Trim

Non Cool Wall Installation (Non Combustible Finishing)

Non Cool Install:
- Non Vented Chase
- Non Combustible Board required
- Combustible Framing



Clean Front



Outside Finish w/ Faceplate

Cool Wall Clearances

The clearances listed below are minimum distances unless otherwise stated.

A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

Caution Requirements
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

WARNING
Fire hazard is an extreme risk
If these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

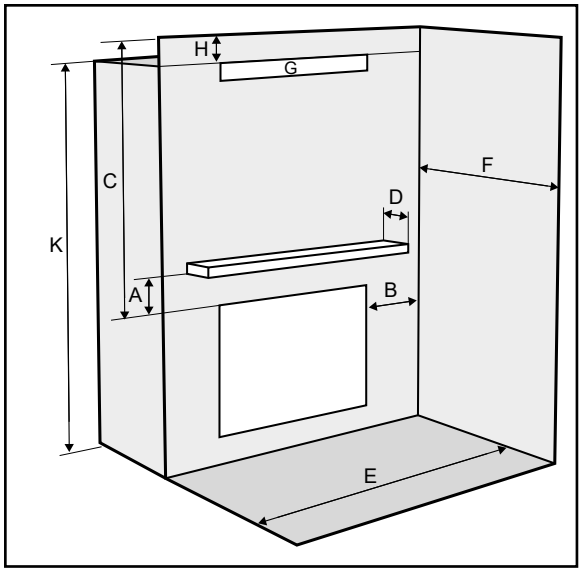
G800EH Clearance Requirements—Cool Wall Installations

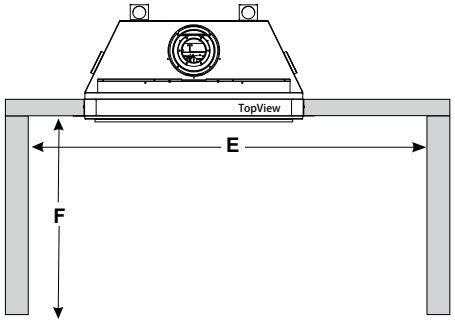
Clearance:	Cool Wall - Clean Front/ Outside Finish	Measured From:
A: Mantel Height (Min.)	4" (102mm) (Clean Front)	Top of Fireplace Opening
A: Mantel Height (Min.)	2-1/2" (Outside Finish)	Top of Fireplace
B: Sidewall	6" (152mm)	Side of Fireplace Opening
C: Ceiling	51-1/2" (1308mm)	Top of Fireplace Opening
D: Mantel Depth (Max.)	18" (457mm)	Front of Fireplace Opening
E: Alcove Width	84" (2134mm)	Wall to Wall (Minimum)
F: Alcove Depth	36" (914mm)	Front to Back Wall (Maximum)
G: Convection Air Outlet	107" sq (690cm²)	Top/Front of Enclosure
H: Convection Air Outlet Opening Ceiling Offset	Min. 2"	Top of Chase Vent Opening
K: Chase Enclosure Ceiling (Min.)	*82" (2083mm)	From Base of Appliance Floor
L: Clearance to Sprinkler Head (Min.)	36" (914mm)	Perpendicular From Chase Grill
Notes:	0"	No Hearth Required

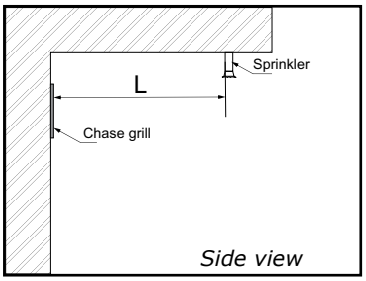
IMPORTANT - *A minimum of 107 square inches of open area. Chase enclosure ceiling must be flush with ventilation opening required for all cool wall installations — this can be achieved by having an open area in front. See manual for details.

Heat Wave

The ***HeatWave*** Duct Kit has different clearance and framing requirements, check the ***HeatWave*** manual for details.







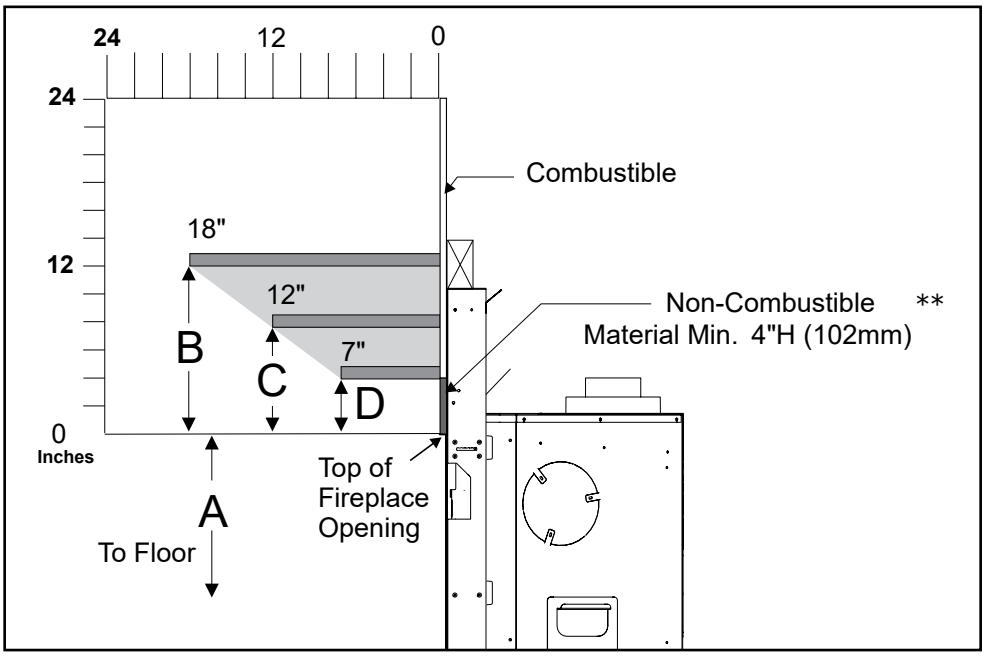
Alcove

Minimum Vent Clearances to Combustibles

Horizontal Top	2" (51mm)
Horizontal Side	1-1/2 " (38mm)
Horizontal Bottom	1-1/2" (38mm)
Vertical Vent	1-1/2" (38mm)

Cool Wall Mantel Clearances (Clean Front Finish)

Due to the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of front facing are shown in the diagram below.

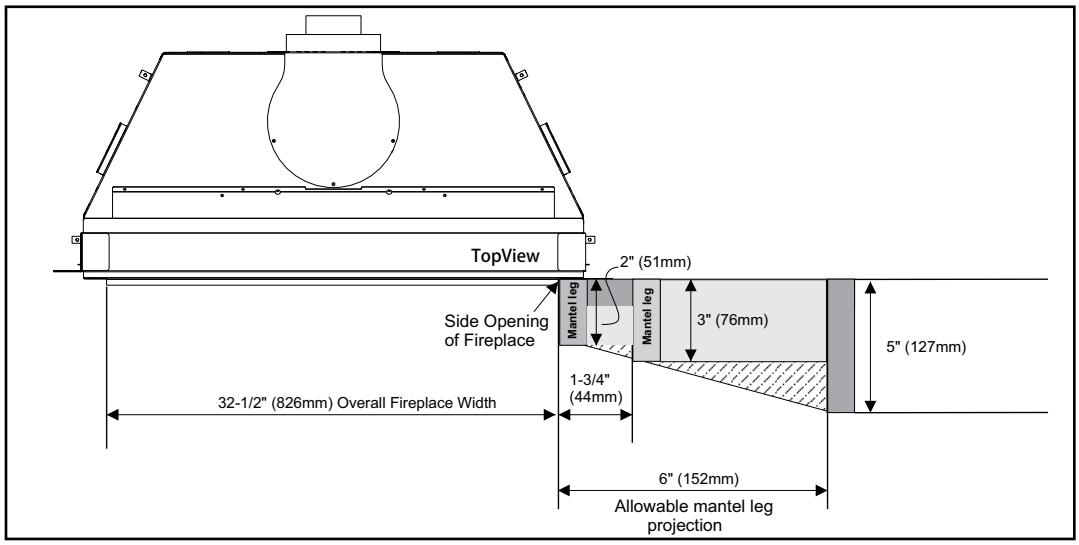


Mantel Clearances G800EH	A	B	C	D
From Top of Fireplace Opening	32-1/2" (826 mm)	12" (305 mm)	7-1/2" (191 mm)	4" (102 mm)

Note: Ensure the paint that is used on the mantel and the facing is "High Quality" or the paint may discolour.

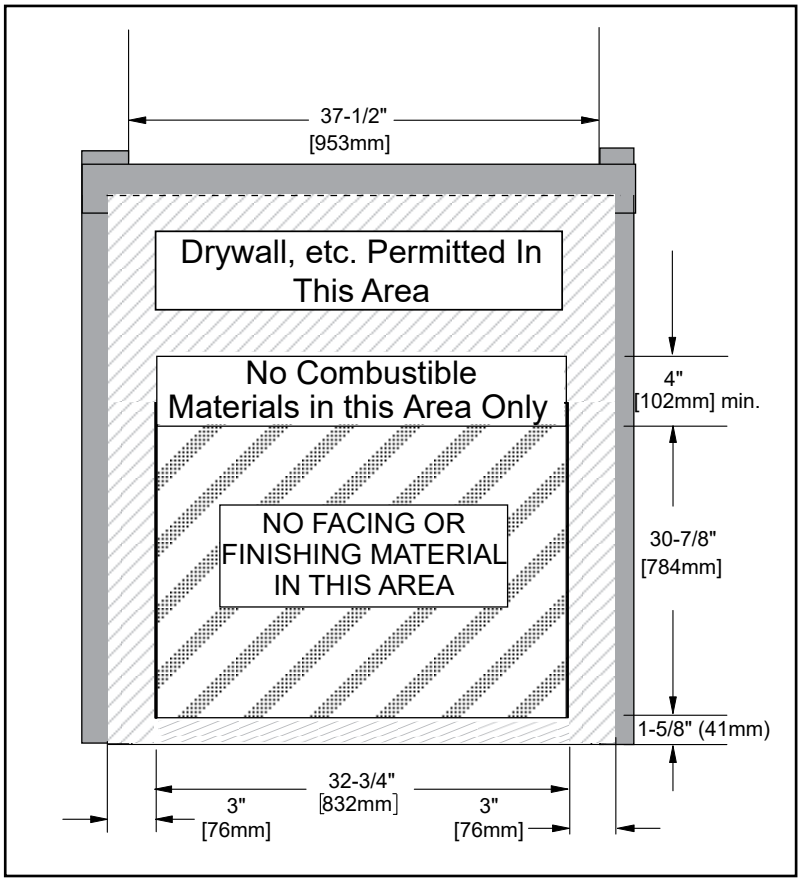
****The non combustible board supplied with the appliance is 20" (508 mm) high. This may be cut to size if desired.**

Cool Wall Mantel Leg Clearances (Clean Front Finish)



See framing dimensions on next page.

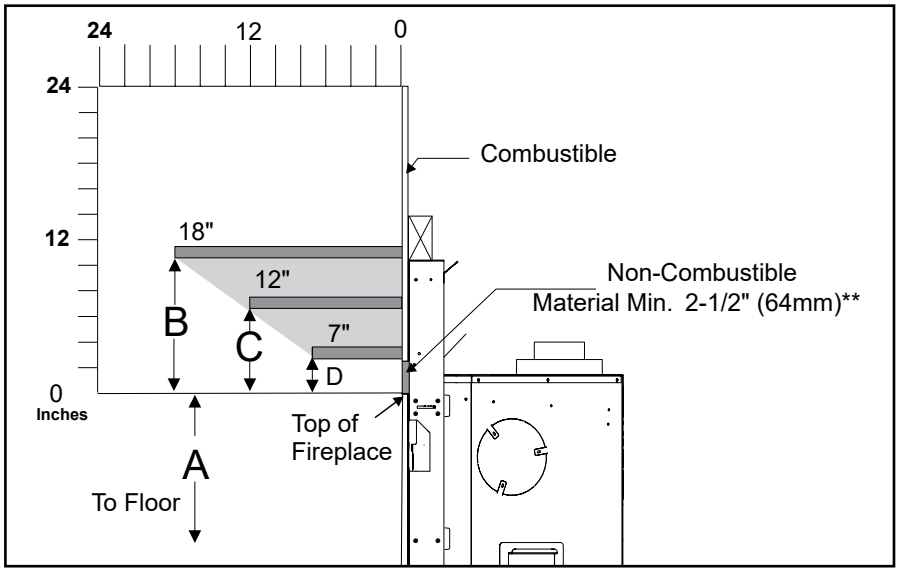
Clean Front Installation (Cool Wall) - Non-Combustible Requirements



See framing dimensions on next page.

Cool Wall Mantel Clearances (Outside Finish)

Due to the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of front facing are shown in the Diagram below.

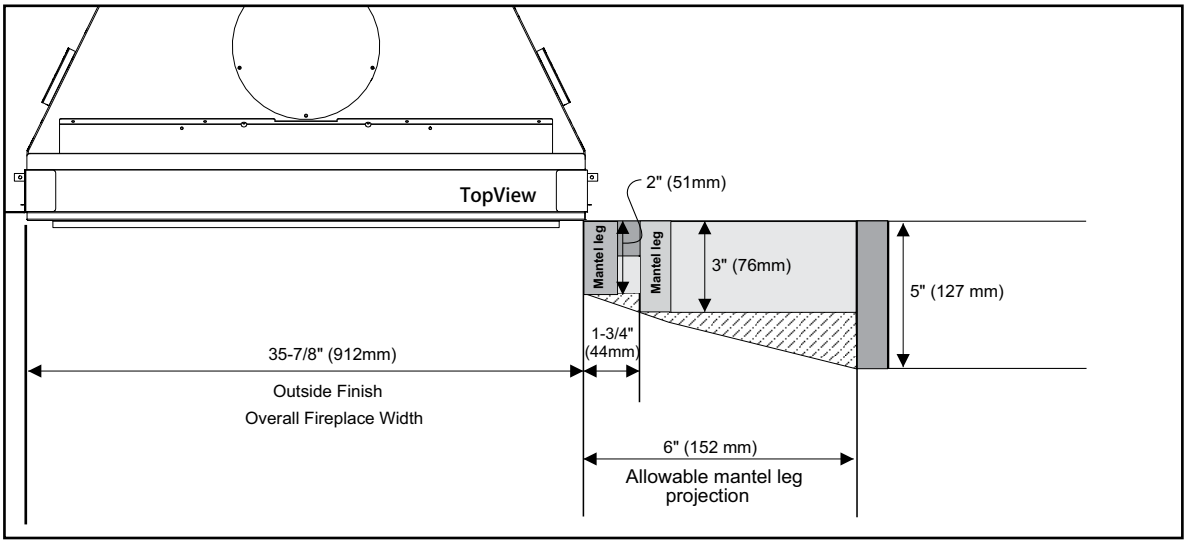


Mantel Clearances G800EH	A	B	C	D
From Top of Fireplace	34" (864mm)	10-1/2" (267mm)	6" (152mm)	2-1/2" (64mm)

Note: Ensure the paint that is used on the mantel and the facing is "High Quality" or the paint may discolour.

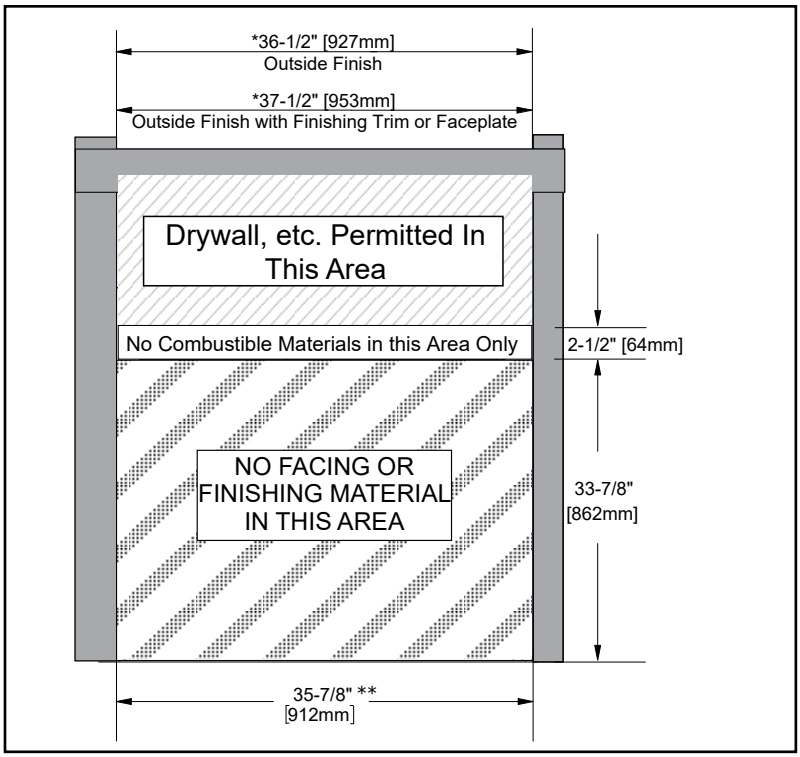
****The non combustible board supplied with the appliance is 20" (508 mm) high. This may be cut to size if desired.**

Cool Wall Mantel Leg Clearances (Outside Finish)



See framing dimensions on next page.

Outside Finish Installation (Cool Wall) - Non-Combustible Requirements



*See framing dimensions on next page.

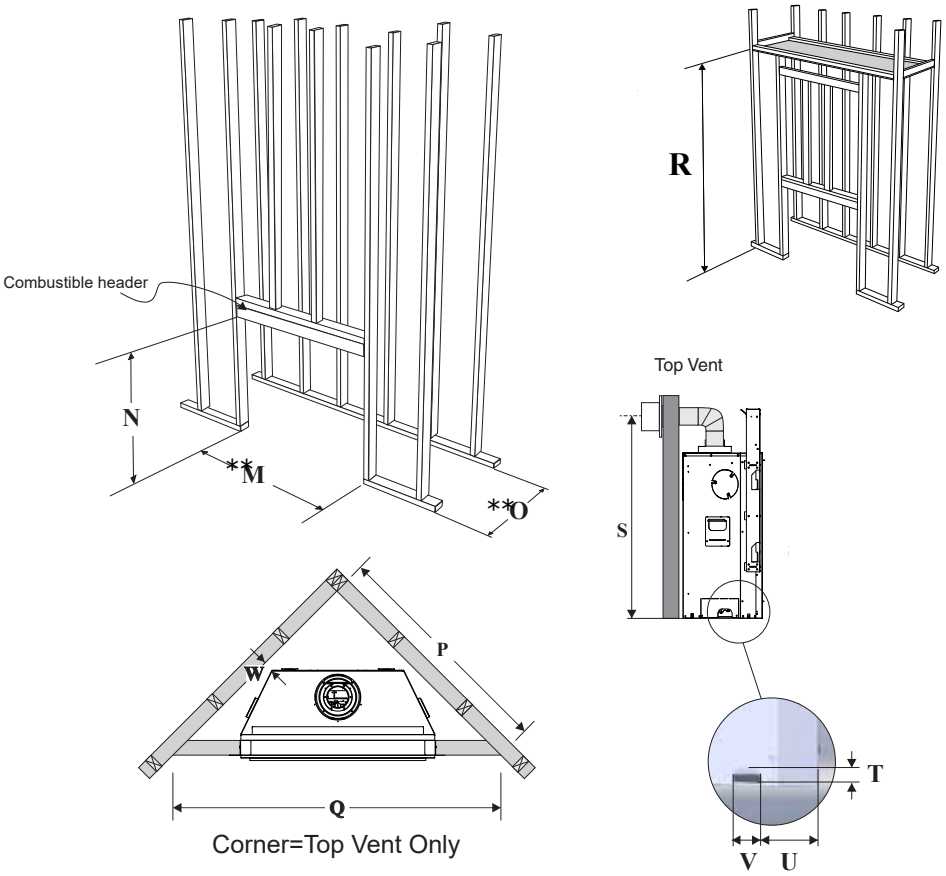
****The non combustible board supplied with the appliance is 36" (508 mm) wide to satisfy the requirement for above.**
The overall height of the supplied board is 20" (508 mm) which can be either cut down to 2-1/2" (64 mm) or used at supplied height of 20" (508 mm) as 2-1/2" (64 mm) is the minimum height required.

Cool Wall Installation - Framing

Framing Dimensions	Description	Cool Wall	Cool Wall with Finishing Trim or Faceplate
M	Framing Width	36-1/2" (927mm)	37-1/2" (952mm)
N*	Framing Height	43" (940mm)	
O	Framing Depth	22" (559mm)	
P	Corner Facing Wall Width	42-1/2" (1035mm)	
Q	Corner Facing Wall Width	60" (1524mm)	
R	Framed Chase Ceiling Enclosure	82" (2083mm)	
S	Vent Centerline Height	44" (1118mm)	
T	Gas Connection Height	1-1/2" (38mm)	
U	Gas Connection Inset	6-3/8" (162mm)	
V	Gas Connection Width	3" (76mm)	
W	Clearance to Corner of Unit	2-3/4" (70mm)	

*** Important: Framing height requires consideration of the hearth height. Dimension N = N + the thickness of the installed hearth.**

Note: The 2 standoffs at the rear of the appliance may be removed as these are not required in this application. Ensure that any screws that are removed are reinstalled. The 2 standoffs can be recycled/discarded.



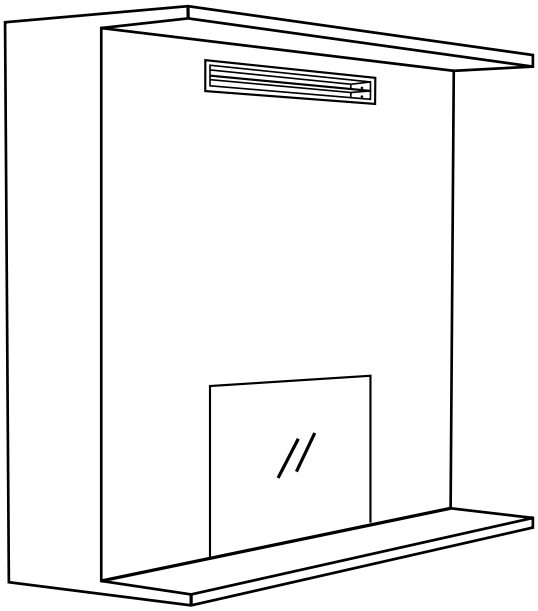
**The framing depth/width does not take into account dry wall/wood or similar materials against the back /side wall. The framing depth will need to change based on the thickness of the material
(example: M - 36-1/2" framing width + 1/2" drywall = 37")
(example: M Outside finish with finishing trim/faceplate - 37-1/2" framing width + 1/2" drywall = 38")
(example: O - 16-7/8" framing depth + 1/2" drywall = 17-3/8")

Chase Venting (Cool Wall)

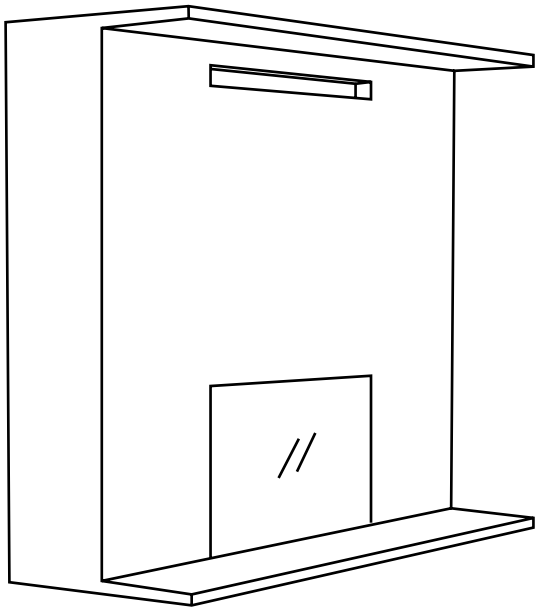
Note: The enclosure opening must be flush with the top of the enclosure for all installations. Minimum height of enclosure from base of appliance is 82" (2083mm).

A minimum 107in^2 opening in the enclosure is required to maintain safe operating termperatures. This can be achieved in a number of ways including the examples shown below.

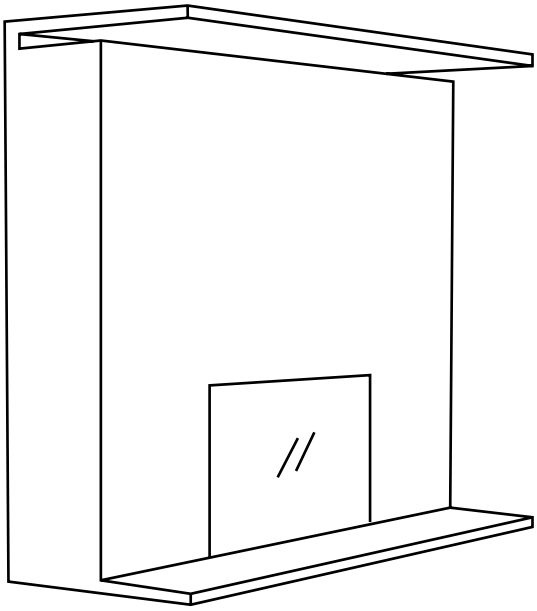
Warning: DO NOT cover or place objects in front of the air outlet(s).



Regency Chase Vent



Custom Chase Vent



Reveal at Ceiling

Chase Enclosure (Cool Wall)

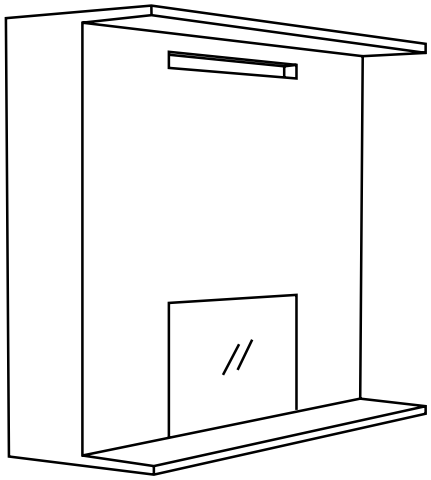
When choosing to install the ventilation openings from the front, the top of the ventilation opening must be flush with the top of the chase enclosure for all installations.
Minimum height of enclosure from base of appliance is 82" (2083mm).
A minimum 107in^2 opening in the enclosure is required to maintain safe operating temperatures. This can be achieved in a number of ways including the examples shown in this manual.

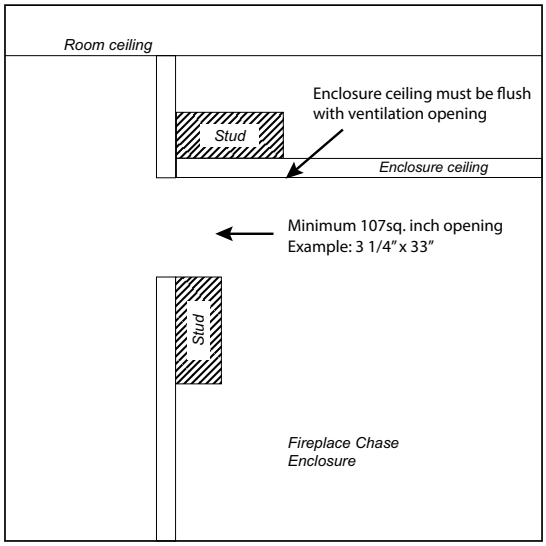
IMPORTANT:
Exterior wall/Alcove enclosure: When installing into an exterior cavity or alcove enclosure (ceiling, back and sides), regardless of where appliance is placed within the home, requires the use of either drywall or other means such as plywood, wood studs, etc. to prevent heat from escaping anywhere above /through the enclosure other than the required grill / ventilation opening.
Internal chase: When installing as an internal chase framing installation ,regardless of where appliance is placed within the home, requires the use of either drywall or other means such as plywood, on the rear wall of the chase to eliminate heat escaping into the rear wall cavity. If the chase is extended to the ceiling ,the ceiling will also need to be finished in a manner to prevent heat escaping into floor joist/attic space.

One of the following methods must be used to prevent the heat from escaping.
a. If choosing drywall, ensure that the drywall is butt up tight with no gaps.
b. Plywood, wood studs, etc. installed tightly with no gaps.

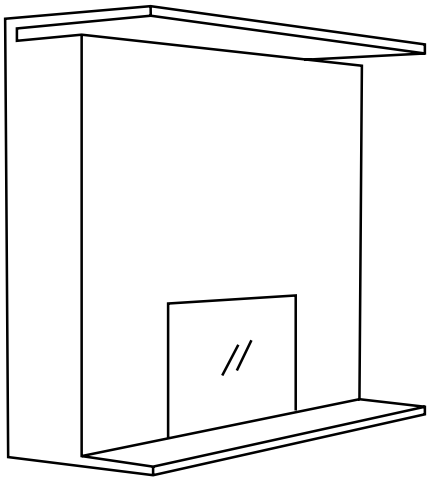
As this appliance has been designed with all hot air escaping through the chase enclosure ventilation/grill openings only, if hot air is trapped as a result of the hot air escaping through joints, crevasses, open studs, or other openings within the enclosure above, this will change the clearances within the enclosure causing the enclosure to overheat. It is vital that all the hot air from within the enclosure exits through the ventilation openings only.
Ensure that the ventilation openings are made as such to prevent debris, objects from falling into the enclosure.
Warning: DO NOT cover or place objects in front of the ventilation opening air outlet(s).

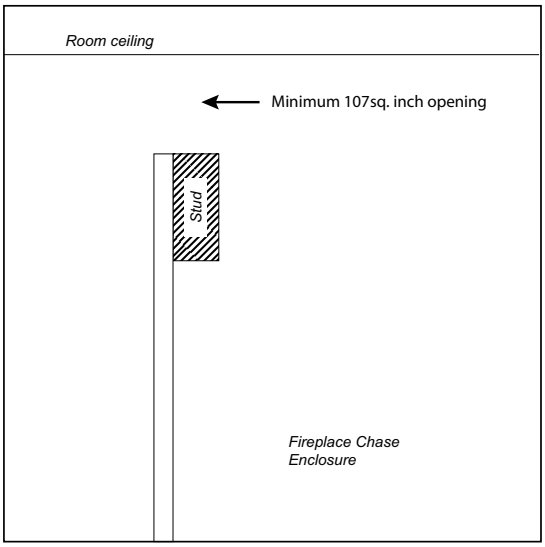
Example 1: Ventilation opening in chase wall, lower than room ceiling





Example 2: Ventilation opening reveal at room ceiling

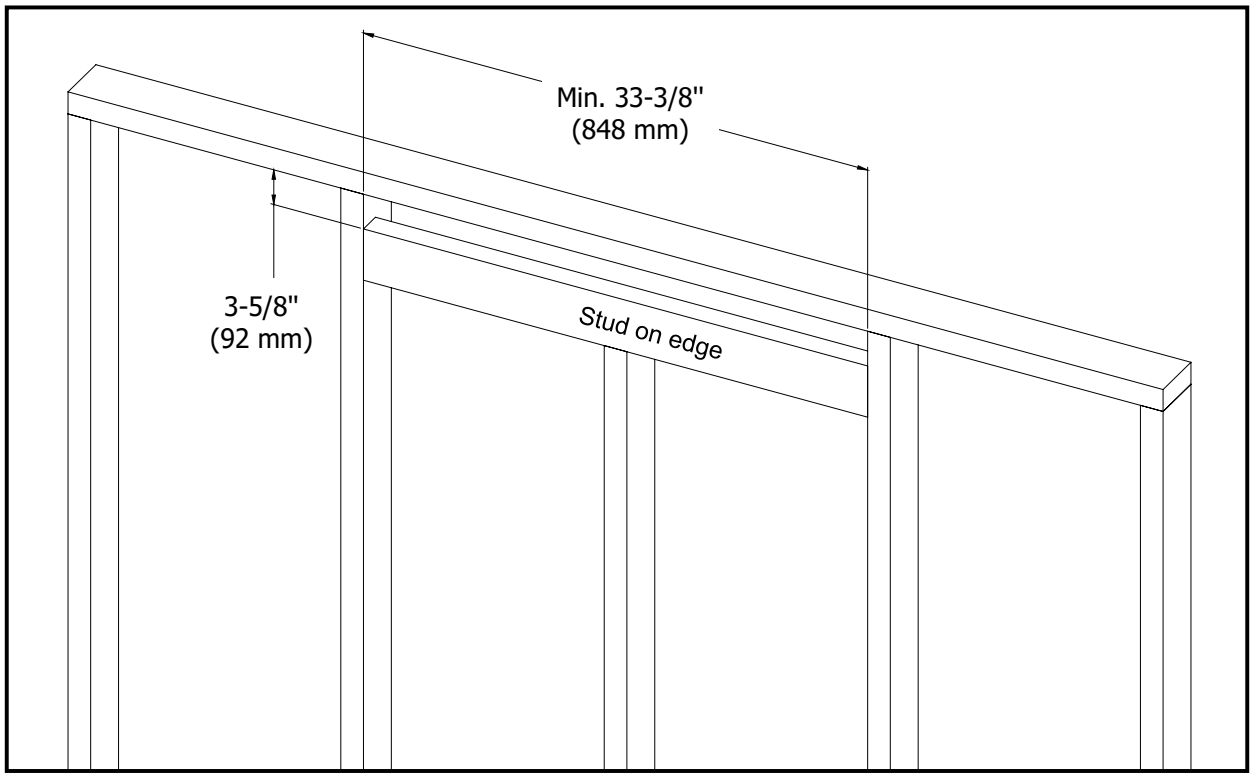


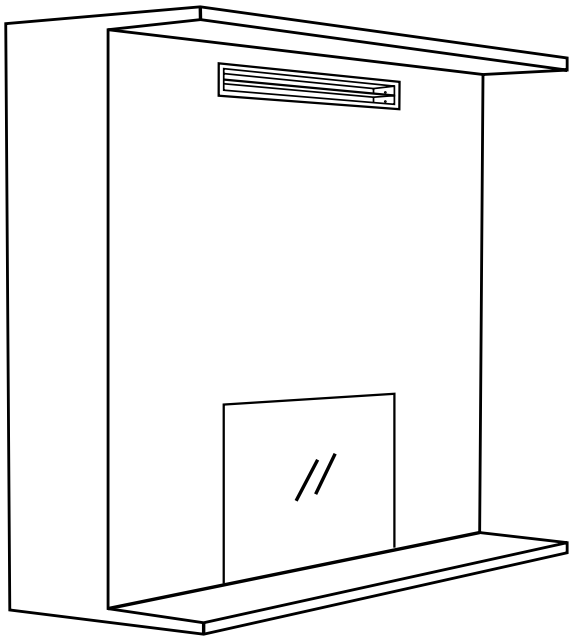


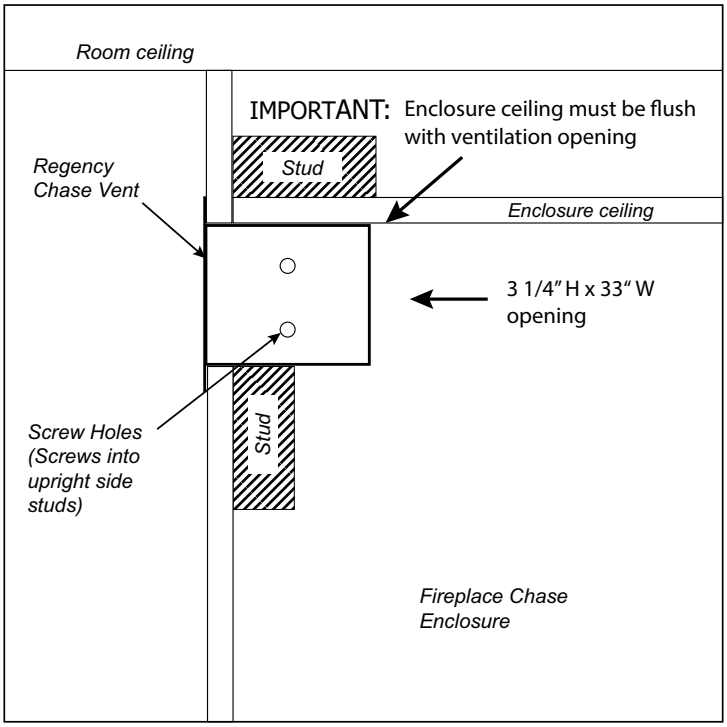
Chase Vent Installation—Cool Wall

Framed opening must be at least 3-5/8" (92mm) tall, and at least 33-3/8" (848mm) wide to accomodate the Chase vent. The top of the Chase vent opening must be flush with the top of the chase enclosure. Fasten the Chase vent with screws and construction adhesive.

If the chase vent is not being used, a minimum 107in^2 (690cm^2) opening in the enclosure is required to maintain safe operating temperatures. This can be achieved in a number of ways including a reveal at the top of the chase.







Clean Front Installation (Non Cool Wall) - Clearances

The clearances listed below are minimum distances unless otherwise stated:

A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

Caution Requirements
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

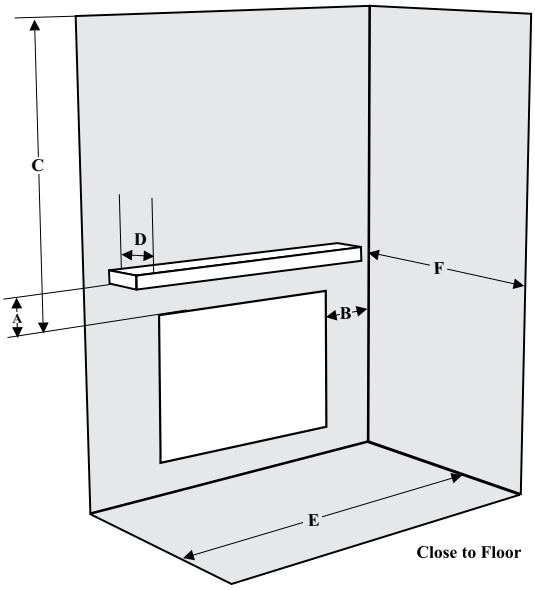
WARNING
Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

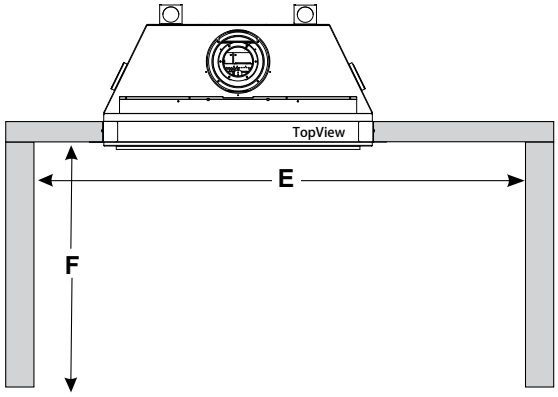
G800EH Clearance Requirements		
Clearance:	**Dimension**	**Measured From:**
A: Mantel Height (min.)	20" (508mm)	Top of Fireplace Opening
B: Sidewall	25" (635mm)	Side of Fireplace Opening
C: Ceiling	36-1/2" (927mm)	Top of Fireplace Opening
D: Mantel Depth (max.)	12" (305mm)	Front of Fireplace Opening
E: Alcove Width	84" (2134mm)	Wall to Wall (Minimum)
F: Alcove Depth	36" (914mm)	Front to Back Wall (Maximum)
Notes:	0"	No Hearth Required

Heat Wave

The ***HeatWave*** Duct Kit has different clearance and framing requirements, check the ***HeatWave*** manual for details.

See mantle chart on next page.





Alcove

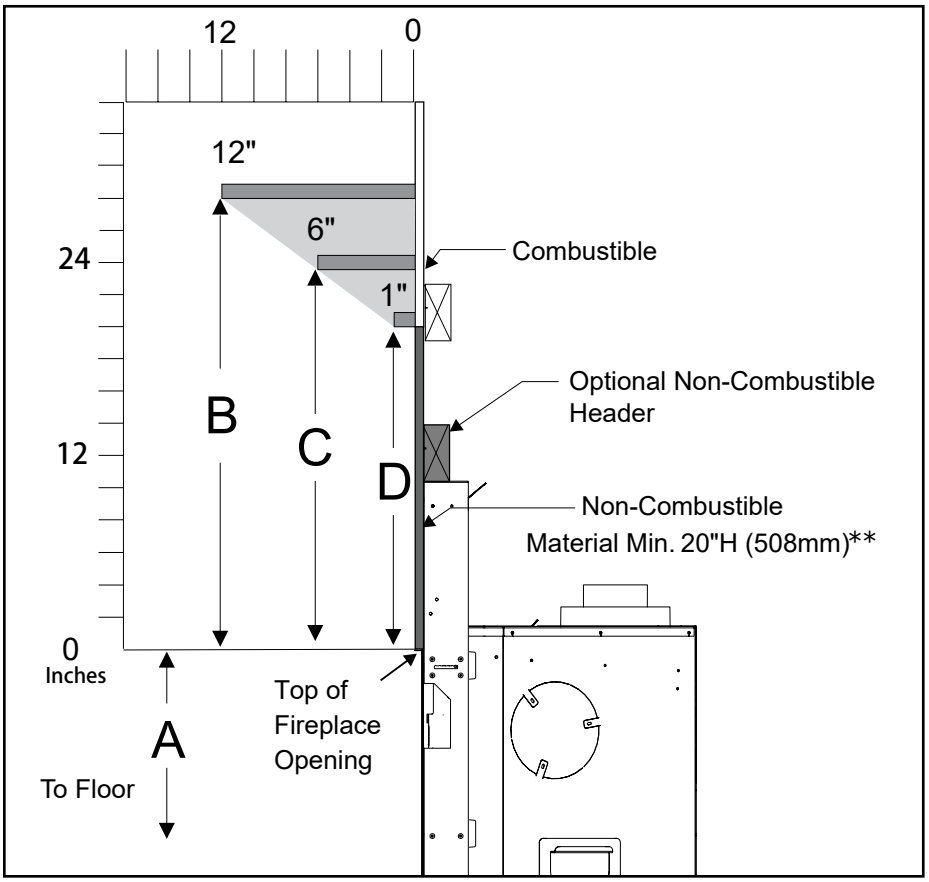
Minimum Vent Clearances to Combustibles

Horizontal Top	2" (51mm)
Horizontal Side	1-1/2 " (38mm)
Horizontal Bottom	1-1/2" (38mm)
Vertical Vent	1-1/2" (38mm)

Clean Front Installation (Non Cool Wall) - Mantel Clearances

Due to the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of front facing are shown in the Diagram on the right.

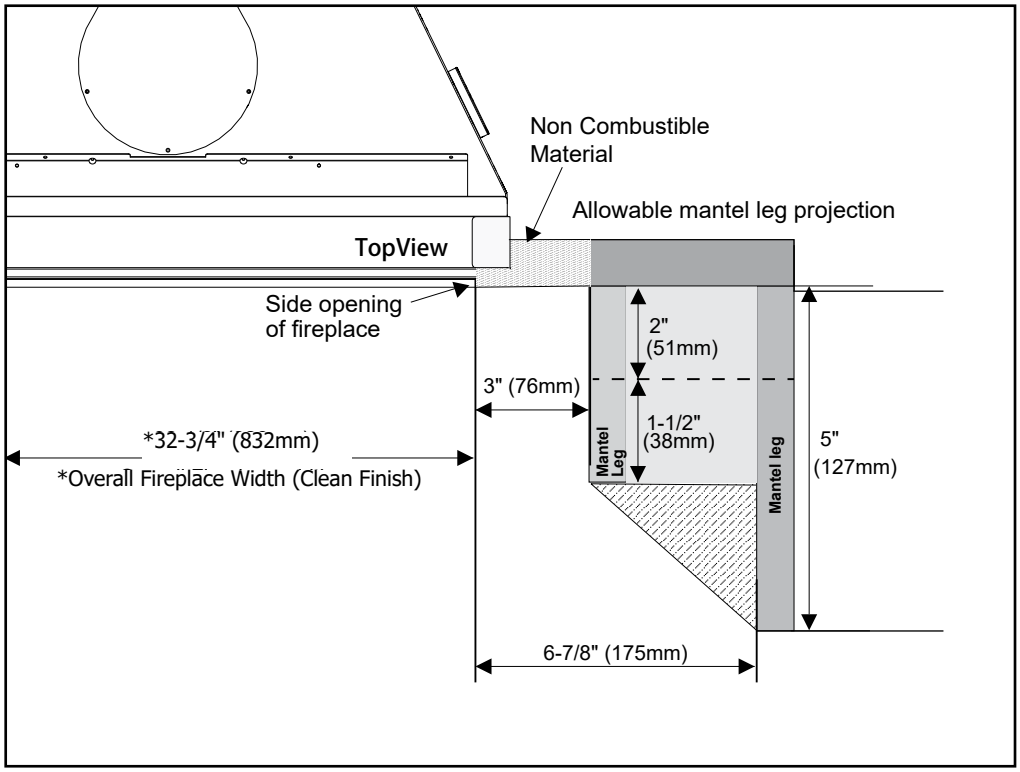
Note: Ensure the paint that is used on the mantel and the facing is "High Quality" or the paint may discolour.



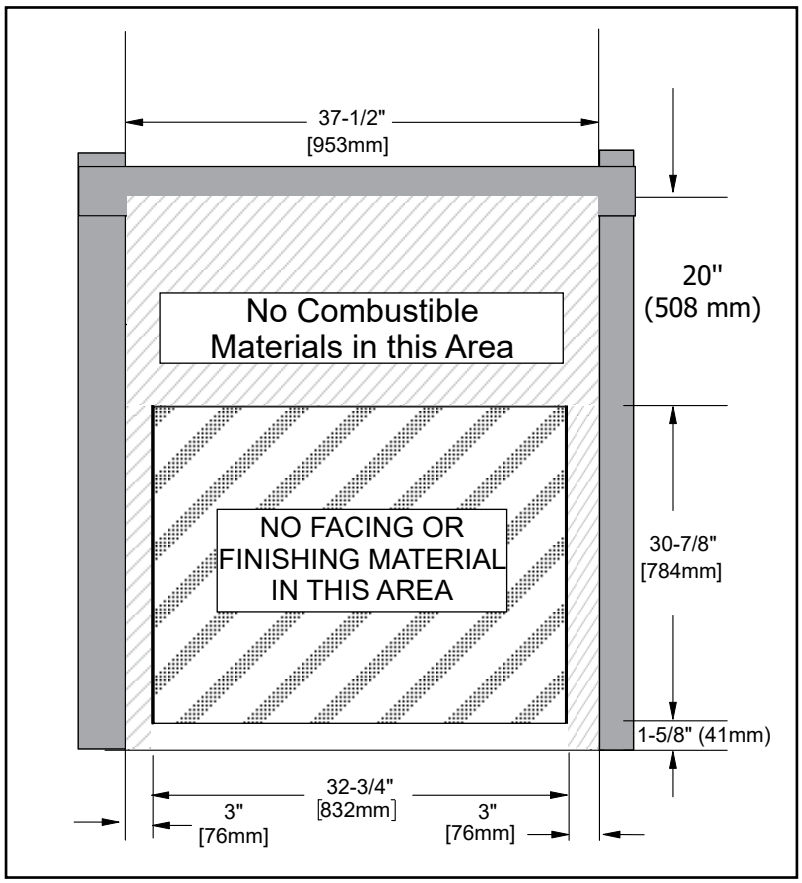
****The non combustible board supplied with the appliance is 20" (508 mm) high.**

Mantel Clearances G800EH	A	B	C	D
From Top of Fireplace Opening	32-1/2" (826mm)	28" (711mm)	23-1/2" (597mm)	20" (508mm)

Clean Front Installation (Non Cool Wall) - Mantel Leg Clearances



Clean Front Installation (Non Cool Wall) - Non-Combustible Requirements

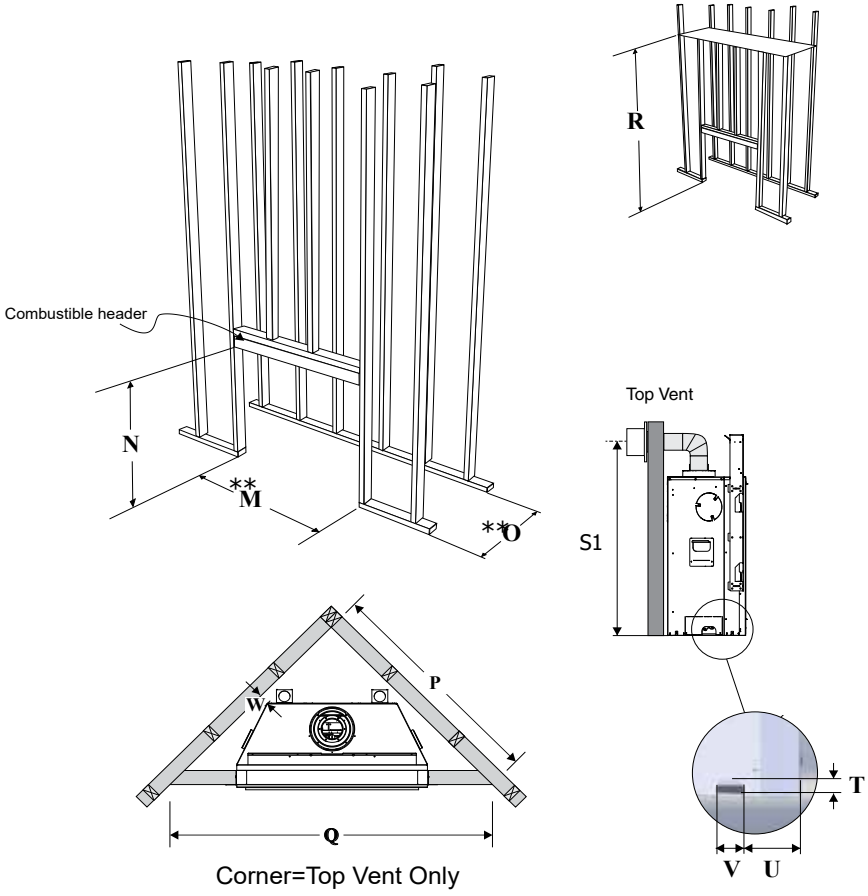


See framing dimensions on next page.

Clean Front Installation - Framing (Non Cool Wall)

Framing Dimensions	Description	G800EH - Non Cool Wall
M	Framing Width	37-1/2" (953mm)
N*	Framing Height	52" (1321mm)
O	Framing Depth	22" (559mm)
P	Corner Facing Wall Width	46-1/2" (1181mm)
Q	Corner Facing Wall Width	65-3/4" (1670mm)
R	Framed Chase Ceiling	84" (2134mm)
S1	Vent Centerline Height	44" (1118mm)
T	Gas Connection Height	1-1/2" (38mm)
U	Gas Connection Inset	6-3/8" (162mm)
V	Gas Connection Width	3" (76mm)
W	Clearance to corner of unit	2-3/4" (70mm)
	Non-combustible Height	11-1/2" (292mm)

*** Important: Framing height requires consideration of the hearth height. Dimension N = N + the thickness of the installed hearth.**



**The framing depth/width does not take into account dry wall/wood or similar materials against the back /side wall. The framing depth will need to change based on the thickness of the material
(example: M - 37-1/2" framing width + 1/2" drywall = 38")
(example: O - 19-1/4" framing depth + 1/2" drywall = 19-3/4")

Outside Finish Installation (Non Cool Wall) - Clearances

The clearances listed below are minimum distances unless otherwise stated:

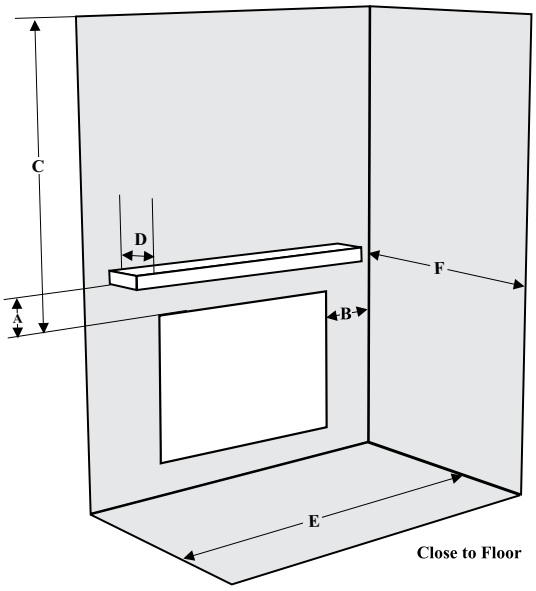
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

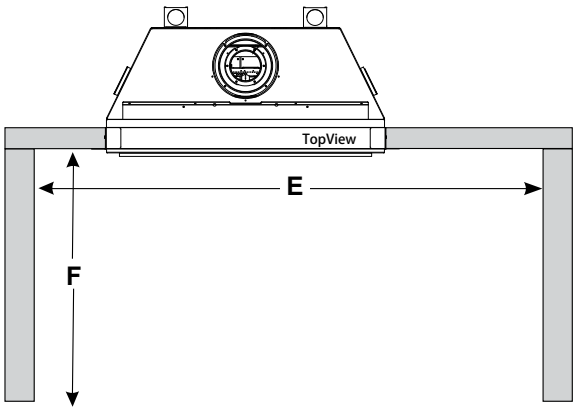
Caution Requirements
The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

WARNING
Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

G800EH Outside Finish Clearance Requirements		
Clearance:	**Dimension**	**Measured From:**
A: Mantel Height (min.)	18-1/2" (470mm)	Top of Fireplace
B: Sidewall	25" (635mm) one side only	Side of Fireplace Opening
C: Ceiling	36-1/2" (927mm)	Top of Fireplace Opening
D: Mantel Depth (max.)	12" (305mm)	Top of Fireplace Opening
E: Alcove Width	84" (2134mm)	Wall to Wall (Minimum)
F: Alcove Depth	36" (914mm)	Front to Back Wall (Maximum)
Notes:	0"	No Hearth Required

See mantle chart on next page.





Alcove

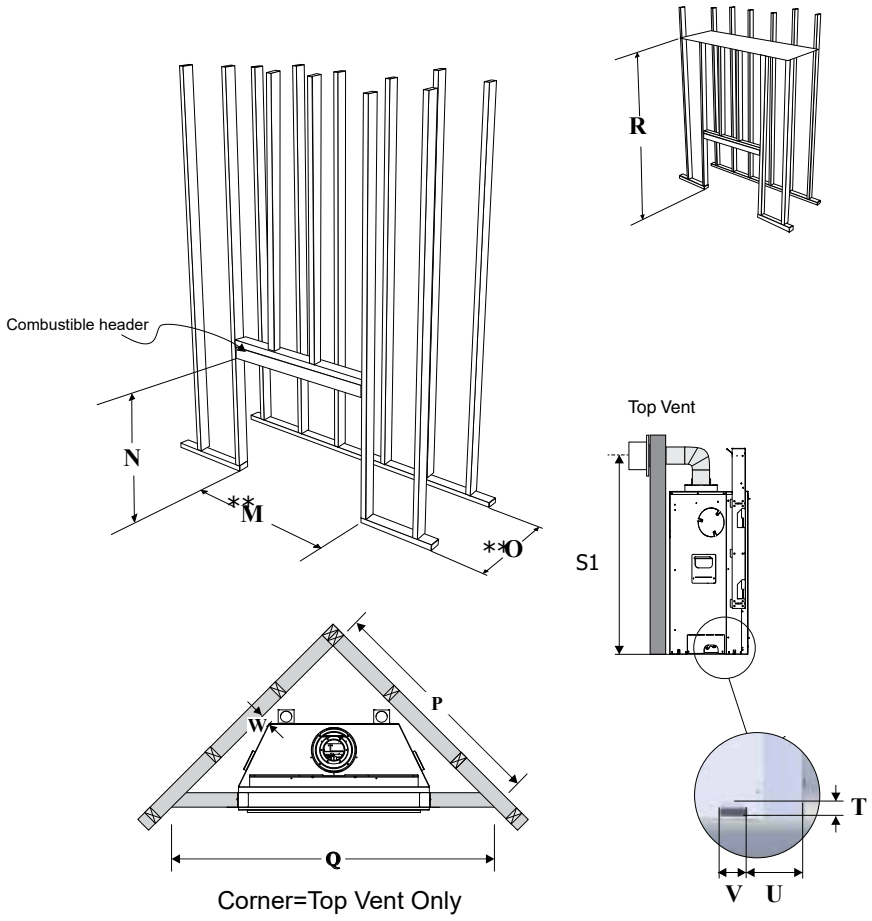
Minimum Vent Clearances to Combustibles

Horizontal Top	2" (51mm)
Horizontal Side	1-1/2 " (38mm)
Horizontal Bottom	1-1/2" (38mm)
Vertical Vent	1-1/2" (38mm)

Outside Finish Installation (Non Cool Wall) - Framing

Framing Dimensions	Description	Outside Finish	Outside finish with Finishing Trim or Faceplate
M	Framing Width	36-1/2" (927mm)	37-1/2" (953mm)
N*	Framing Height	52" (1321mm)	
O	Framing Depth	22" (559mm)	
P	Corner Facing Wall Width	46-1/2" (1181mm)	
Q	Corner Facing Wall Width	65-3/4" (1670mm)	
R	Framed Chase Ceiling	84" (2134mm)	
S1	Vent Centerline Height	44" (1118mm)	
T	Gas Connection Height	1-1/2" (38mm)	
U	Gas Connection Inset	6-3/8" (162mm)	
V	Gas Connection Width	3" (76mm)	
W	Clearance to Corner of Unit	2-3/4"(70mm)	
	Non-combustible Height	10" (254mm)	

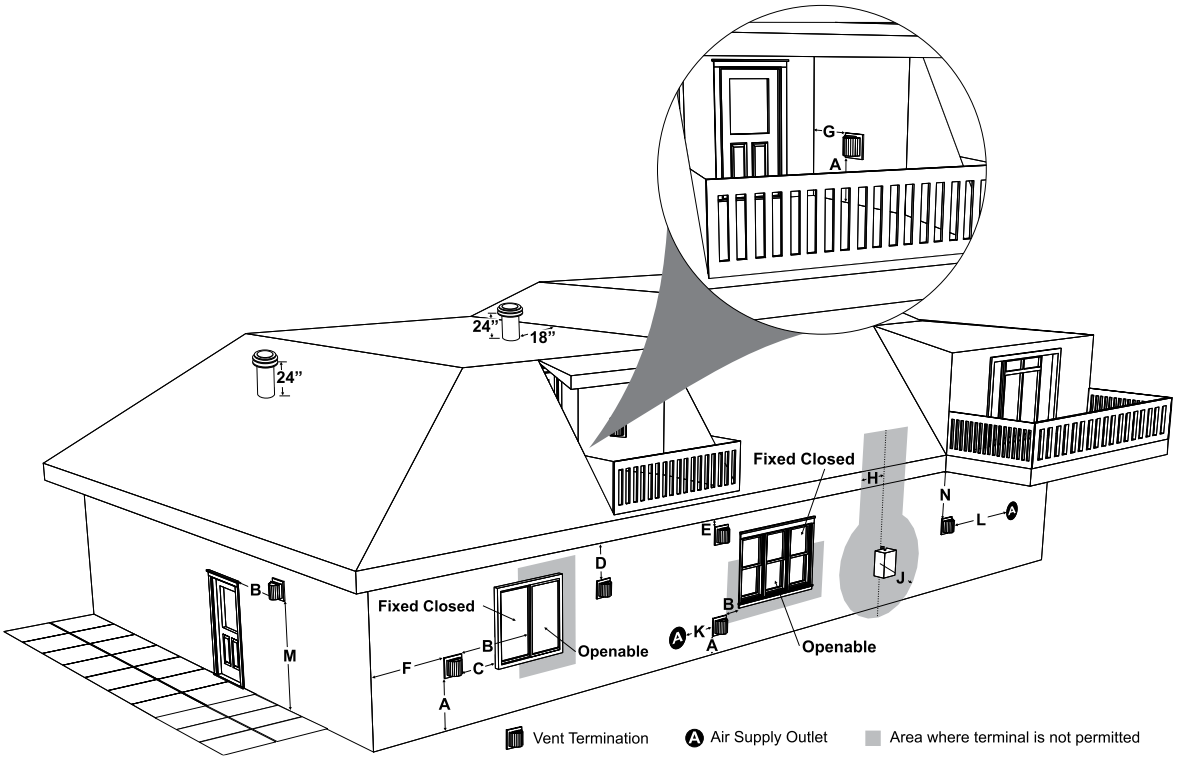
*** Important: Framing height requires consideration of the hearth height. Dimension N = N + the thickness of the installed hearth.**



Corner=Top Vent Only

**The framing depth/width does not take into account dry wall/wood or similar materials against the back /side wall. The framing depth will need to change based on the thickness of the material
(example: M - 36-1/2" framing width + 1/2" drywall = 37")
(example: M Outside finish with finishing trim/faceplate - 37-1/2" framing width + 1/2" drywall = 38")
(example: O - 19-1/4" framing depth + 1/2" drywall = 19-3/4")

Exterior Vent Termination Requirements



	Minimum Clearance Requirements	Canada[1]	USA[2]
A	Clearance above grade, veranda, porch, deck, or balcony	12"(30cm)	12"(30cm)
B	Clearance to window or door that may be opened	12"(30cm)	9" (23cm)
C	Clearance to permanently closed window	*	*
D	Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (61cm) from the center line of the terminal (check with the local code)	24"(60cm)	24"(60cm)
E	Clearance to unventilated soffit	19"(48cm)	19"(48cm)
F	Clearance to outside corner: with ***AstroCap*** Termination Cap.	13"(33cm)	13"(33cm)
	Clearance to outside corner: with all other approved Termination Caps.	13"(33cm)	13"(33cm)
G	Clearance to inside corner: with ***AstroCap*** Termination Cap	11"(28cm)	11"(28cm)
	Clearance to inside corner: with all other approved Termination Caps.	11"(28cm)	11"(28cm)
H	Clearance to each side of center line extended above meter/regulator assembly	36"(90cm)[a]	*
J	Clearance to service regulator vent outlet	36"(90cm)	*
K	Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance	12"(30cm)	9" (23cm)
L	Clearance to a mechanical air supply inlet #3' (91cm) above if within 10' (3m) horizontally.	72"(1.8m)	36"(90cm)[b]
M	Clearance above paved sidewalk or a paved driveway located on public property	84"(2.1m)†	*
N	Clearance under veranda, porch, deck, or balcony	12"(30cm)‡	*

[1] In accordance with current CSA B149.1, *Natural Gas and Propane Installation Code*
[2] In accordance with the current *ANSI Z223.1/NFPA 54, National Fuel Gas Code*
† A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings
‡ Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor
* Clearance in accordance with local installation codes and the requirements of the gas supplier
[a] 3 feet (91cm) within a height of 15 feet (4.5m) above the meter / regulator assembly
[b] 3 feet (91cm) above - if within 10 feet (3m) horizontally

4" X 6-5/8" (102 mm x 168 mm) Rigid Pipe - Cross Reference Chart Only

Components from different Manufacturers may not be mixed. Not all Rigid Pipe components are available directly from FPI. Non-metallic venting systems shall not interchange components with another listed or unlisted metallic vent system.

Description	Simpson Direct Vent Pro®	*Selkirk Direct Temp™	*American Metal Products® Amerivent Direct	*Metal-Fab™ Sure Seal	*Security Secure- Vent®	*ICC Excel Direct	*Olympia Ventis DV***
6" Pipe Length-Galvanized	46DVA-06	4DT-6	N/A	4D6	SV4L6	TC-4DL6	VDV-0406
6" Pipe Length-Black	46DVA-06B	4DT-6B	N/A	4D6B	SV4LB6	TC-4DL6B	VDVB-0406
7" Pipe Length-Galvanized	N/A	N/A	4D7	N/A	N/A	N/A	N/A
7" Pipe Length-Black	N/A	N/A	4D7B	N/A	N/A	N/A	N/A
9" Pipe Length-Galvanized	46DVA-09	4DT-9	N/A	N/A	N/A	TC-4DL9	VDV-0409
9" Pipe Length-Black	46DVA-09B	4DT-9B	N/A	N/A	N/A	TC-4DL9B	VDVB-0409
12" Pipe Length-Galvanized	46DVA-12	4DT-12	4D12	4D12	SV4L12	TC-4DL1	VDV-0412
12" Pipe Length-Black	46DVA-12B	4DT-12B	4D12B	4D12B	SV4LB12	TC-4DL1B	VDVB-0412
18" Pipe Length-Galvanized	46DVA-18	4DT-18	4D18	4D18	SV4LA	TC-4DL18	VDV-0418
18" Pipe Length-Black	46DVA-18B	4DT-18B	4D18B	4D18B	SV4LA	TC-4DL18B	VDVB-0418
24" Pipe Length-Galvanized	46DVA-24	4DT-24	4D24	4D24	SV4L24	TC-4DL2	VDV-0424
24" Pipe Length-Black	46DVA-24B	4DT-24B	4D24B	4D24B	SV4LB24	TC-4DL2B	VDVB-0424
36" Pipe Length-Galvanized	46DVA-36	4DT-36	4D36	4D36	SV4L36	TC-4DL3	VDV-0436
36" Pipe Length-Black	46DVA-36B	4DT-36B	4D36B	4D36B	SV4LB36	TC-4DL3B	VDVCB-0436
48" Pipe Length-Galvanized	46DVA-48	4DT-48	4D48	4D48	SV4L48	TC-4DL4	VDV-0448
48" Pipe Length-Black	46DVA-48B	4DT-48B	4D48B	4D48B	SV4LB48	TC-4DL4B	VDVB-0448
60" Pipe Length-Galvanized	46DVA-60	4DT-60	N/A	N/A	N/A	N/A	N/A
60" Pipe Length-Black	46DVA-60B	4DT-60B	N/A	N/A	N/A	N/A	N/A
Adjustable Length 3"-10"-Galvanized	N/A	N/A	N/A	4DAL	N/A	TC-4DLT	N/A
Adjustable Length 3"-10"-Black	N/A	N/A	N/A	4DALB	N/A	TC-4DLTB	N/A
Adjustable Length 7)-Galvanized	N/A	N/A	4D7A	N/A	N/A	N/A	N/A
Adjustable Length 7"-Black	N/A	N/A	4D7AB	N/A	N/A	N/A	N/A
Extension Pipe 8-1/2"-Galvanized	46DVA-08A	N/A	N/A	N/A	N/A	N/A	N/A
Extension Pipe 8-1/2"-Black	46DVA-08AB	N/A	N/A	N/A	N/A	N/A	N/A
Adjustable Length 12"-Galvanized	N/A	N/A	4D12A	N/A	SV4LA12	TC-4dLSI	N/A
Adjustable Length 12"-Black	N/A	N/A	4D12A	N/A	SV4LBA12	TC-4dLSIB	N/A
Extension Pipe 16"-Galvanized	46DVA-16A	N/A	N/A	N/A	N/A	N/A	N/A
Extension Pipe 16"-Black	46DVA-16AB	N/A	N/A	N/A	N/A	N/A	N/A
45° Elbow-Galvanized	46DVA-E45	4DT-EL45	4D45L	N/A	N/A	TE-4DE45	VDV-EL0445
45° Elbow-Black	46DVA-E45B	4DT-EL45B	4DT-EL45B	N/A	N/A	TE-4DE45B	VDVB-EL0445
45° Elbow Swivel-Galvanized	See 46DVA-E45	N/A	N/A	4D45L	SV4E45	N/A	N/A
45° Elbow Swivel-Black	See 46DVA-E45B	N/A	N/A	4D45LB	SV4EB45	N/A	N/A
90° Elbow-Galvanized	46DVA-E90	4DT-EL90S	4DT-EL90S	N/A	N/A	TE-4DE90	VDV-EL0445
90° Elbow-Black	46DVA-E90B	4DT-EL90SB	4DT-EL90SB	N/A	SV4EBR90-1	TE-4DE90B	VDVB-EL0445
90° Elbow, Swivel-Galvanized	See 46DVA-E90	N/A	N/A	4D90L	SV4E90-1	N/A	N/A
90° Elbow, Swivel-Black	See 46DVA-E90B	N/A	N/A	4D90LB	wSV4EB90-1	N/A	N/A
90° Starter Elbow, Swivel-Galvanized	N/A	N/A	N/A	4D90A	N/A	N/A	N/A
Adaptor*	N/A	N/A	N/A	4D90L	N/A	N/A	VDV-UAA04
Ceiling Support	N/A	4DT-CS	4DSP	4DFSP	SV4SD	TM4-RDS	VDV-SCR04
Cathedral Support Box	46DVA-CS	4DT-CSS	4DRSB	4DRS	SV4CSB	TM4-SDS	VDV-CSS04
Wall Support/Band	46DVA-WS	4DT-WS/B	4DWS	4DWS	SV4BM	TM-SWS	VDV-WS04
Offset Support	46DVA-ES	4DT-OS	N/A	N/A	SV4SU	TM-SOS	N/A
Wall Thimble-Black	46DVA-WT	4DT-WT	4DWT	4DWT	SV4RSM	N/A	VDV-WPT04
Wall Thimble Cover/Ceiling Support	46DVA-DC	N/A	N/A	N/A	SV4PF	N/A	N/A
Firestop Spacer	46DVA-FS	4DT-FS	4DFSP	4DFS	SV4BF	TM-4CS	VDV-FS04
Trim Plate-Black	N/A	4DT-TP	4DFPB	4DcP	SV4LA	TM-4TP	VDV-WTC04

* Not available from Regency

Description	Simpson Direct Vent Pro®	*Selkirk Direct Temp™	*American Metal Products® Amerivent Direct	*Metal-Fab™ Sure Seal	*Security Secure- Vent®	*ICC Excel Direct	*Olympia Ventis DV***
Attic Insulation Shield 12"	46DVA-IS	N/A	4DAIS12	4DIS	SV4RSA	N/A	VDV-AIS04
Attic Insulation Shield - Cold Climates 36"	N/A	N/A	4DAIS12	N/A	N/A	TM-4AS	N/A
Basic Horizontal Termination Kit (A)	46DVA-KHA	4DT-HKA	4DHTK2	4DHTKA	SV-SHK	TM4-HTK	VDV-KW04
Horizontal Termination Kit (B)	N/A	4DT-HKB	4DHTK1	4DHTKB	SV-HK	TM4-HTK	VDV-K04
Vertical Termination Kit	N/A	4DT-VKC	4DHTK	4DHTK	SV-FK	N/A	N/A
High Wind Vertical Cap	46DVA-VCH	4DT-VC	N/A	N/A	N/A	TM-4VT	VDV-VCHW04
High Wind Horizontal Cap	N/A	N/A	N/A	N/A	N/A	TM-4DHT	N/A
Horizontal Square Termination Cap	46DVA-HC	4DT-HHC	4DHC	4DHT	SV4CHC-1	TM-4HT	VDV-HC04
Vertical Termination Cap	46DVA-VC	4DT-HVC	4DVC	4DVT	SV4CGV-1	N/A	N/A
Storm Collar	46DVA-SC	4DT-SC	4DSC	4DSC	SV4FC	TM-SC	VDV-SC04
Flashing - Flat Roof	46DVA-FF	N/A	N/A	N/A	N/A	N/A	N/A
Adjustable Flashing 0/12-6/12	46DVA-F6	4DT-AF6	4D12S	4DF	SV4STC14	TF-4FA	VDV-F0406
Adjustable Flashing 6/12-12/12	46DVA-F12	4DT-AF12	4D36S	4DF-12	SV4STC36	TF-4FB	VDV-SSO
Vinyl Siding Standoff	46DVA-VSS	4DT-VS	N/A	4DVS	SV4VS	TM-VSS	N/A
Vinyl Siding Shield Plate	N/A	4DT-VSP	N/A	N/A	SV4VS	N/A	N/A
Snorkel Termination 14"	46DVA-SNK14	4DT-ST14	N/A	N/A	N/A	TM-4ST14	N/A
Snorkel Termination 36"	*46DVA-SNK36	4DT-ST36	N/A	N/A	N/A	TM-4ST36	N/A
Wall Firestop	46DVA-WFS	N/A	N/A	N/A	N/A	TM-4TR	VDV-FS04

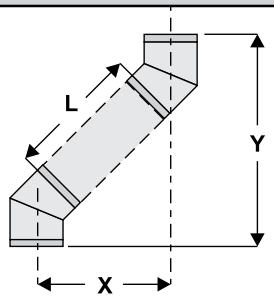
* Not available from Regency

FPI			
946-506/P	Vent Guard (Optional) for AstroCap	946-205	Vinyl Siding Shield for Riser Vent Terminal
**510-994	Rigid Pipe Adaptor (Must use with all rigid piping)	946-208/P	Vent Guard (Optional) for Riser Vent Terminal
640-530/P	Riser Vent Terminal	946-523/P	AstroCap Horizontal Cap
		946-206	Vinyl Siding Standoff for AstroCap

**The rigid pipe adaptor is not required on the C34, C34E, U39, U39E, H15, H27, H35 & RC500E.
Note: When using Metal-Fab Sure Seal Rigid Piping - please note that the Adaptor (4DDA) must be used in conjunction with FPI Rigid Pipe Adaptor (510-994).

Offset Pipe Selection: Use this table to determine offset pipe lengths.

Pipe Length (L)	4" x 6-5/8" Venting	
	Run (X)	Rise (Y)
0" (0mm)	4-7/8" (124mm)	13-7/8" (340mm)
6" (152mm)	8" (203mm)	16-1/2" (419mm)
9" (229mm)	10-1/8" (257mm)	18-5/8" (473mm)
12" (305mm)	12-1/4" (311mm)	20-3/4" (527mm)
24" (610mm)	20-5/8" (524mm)	29-1/8" (740mm)
36" (914mm)	29" (737mm)	37-1/2" (953mm)
48" (1219mm)	37-7/16" (951mm)	45-15/16" (1167mm)



For specific instructions on venting components - visit the manufacturers website listed below.

- Simpson Direct Vent Pro: www.duravent.com
- Selkirk Direct-Temp: www.selkirkcorp.com
- American Metal Products: www.americanmetalproducts.com
- Metal-Fab Sure Seal: www.mtlfab.com
- Security Secure Vent: www.securitychimneys.com
- Industrial Chimney Company: www.icc-rsf.com
- Olympia Ventis DV: Olympia Ventis DV: www.olympiachimney.com

Note: Horizontal runs of vent must be level, or have a 1/4" rise for every 1 foot of run towards the termination.
Never allow the vent to run downward - this could cause high temperatures and may present a possible fire hazard.

Olympia Ventis DV: www.olympiachimney.com

Venting Arrangements for Horizontal Terminations - Flex Vent/Rigid Pipe 4" x 6-5/8" (102 mm x 168 mm)

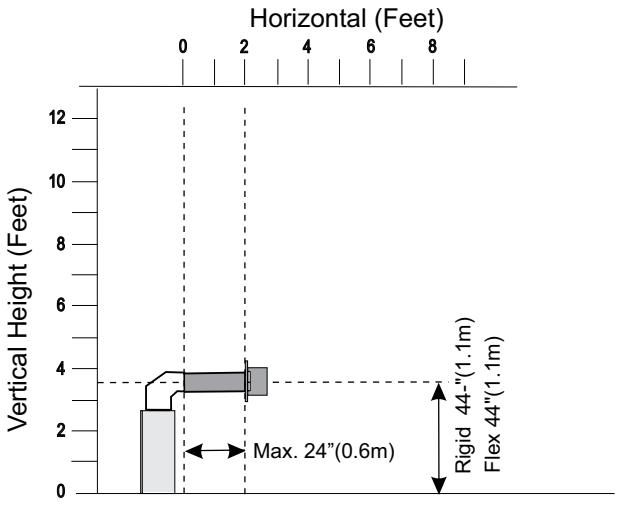
(Propane & Natural Gas)

The Diagram shows minimum vent runs with 4" x 6-5/8" venting using the Regency direct vent system or rigid vent system.
A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.

For horizontal terminations the Regency Direct Vent Flex System may be used for installations with a maximum **continuous** vent maximum horizontal length of 2ft (0.6 m).

Note: Must use optional rigid pipe adaptor (Part # 510-994) when using Rigid Pipe vent systems.
Maintain clearance to combustibles.

For all other venting arrangements, see Venting Arrangements - Horizontal Termination - Rigid Pipe and Direct Vent System (Flex) in this manual.



Top Vented

Set #1 (2" open) up to 1' horizontal
Factory Setting - no restrictor required greater than 1' horizontal

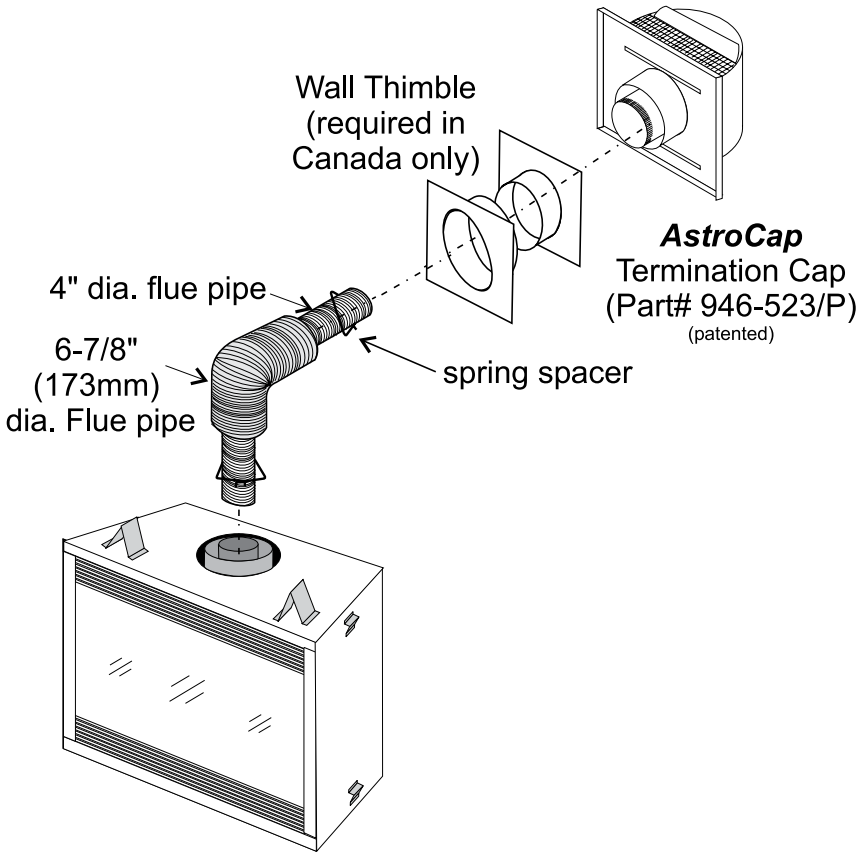
Venting - Direct Vent System (Flex)

HORIZONTAL TERMINATIONS ONLY

These venting systems, in combination with the G800EH Direct Vent Gas Fireplace, have been tested and listed as a direct vent heater system by Intertek. The location of the termination cap must conform to the requirements in the Vent Terminal Locations diagram in the "Exterior Vent Termination Locations" section.

FPI Direct Vent (Flex) System Termination Kit (Part # 946-515) includes all the parts needed to install the G800EH with a maximum run of 4 feet.

1)	6-7/8" dia. flexible liner (4 ft. length)
2)	4" dia. flexible liner (4 ft. length)
3)	spring spacers (4)
4)	thimble (2)
5)	***AstroCap*** termination cap (1)
6)	screws (12)
7)	tube of Mill Pac (1)
8)	plated screws (8)
9)	screws #8 x 1-1/2" Drill Point, Stainless Steel (4)



If longer runs are needed, the FPI Direct Vent system (Flex) # 946-516 includes all the parts needed to install the G800EH with a maximum 10' run.

1)	6-7/8" dia. flexible liner (10 ft. length)
2)	4" dia. flexible liner (10 ft. length)
3)	spring spacers (7)
4)	thimble (2)
5)	***AstroCap*** termination cap (1)
6)	screws (12)
7)	tube of Mill Pac (1)
8)	plated screws (8)
9)	screws #8 x 1-1/2" Drill Point, Stainless Steel (4)

Notes:

1) Liner sections should be continuous without any joints or seams.

2) Only Flex pipe purchased from FPI may be used for Flex installations.

Rigid Pipe Venting Systems - Horizontal or Vertical Terminations

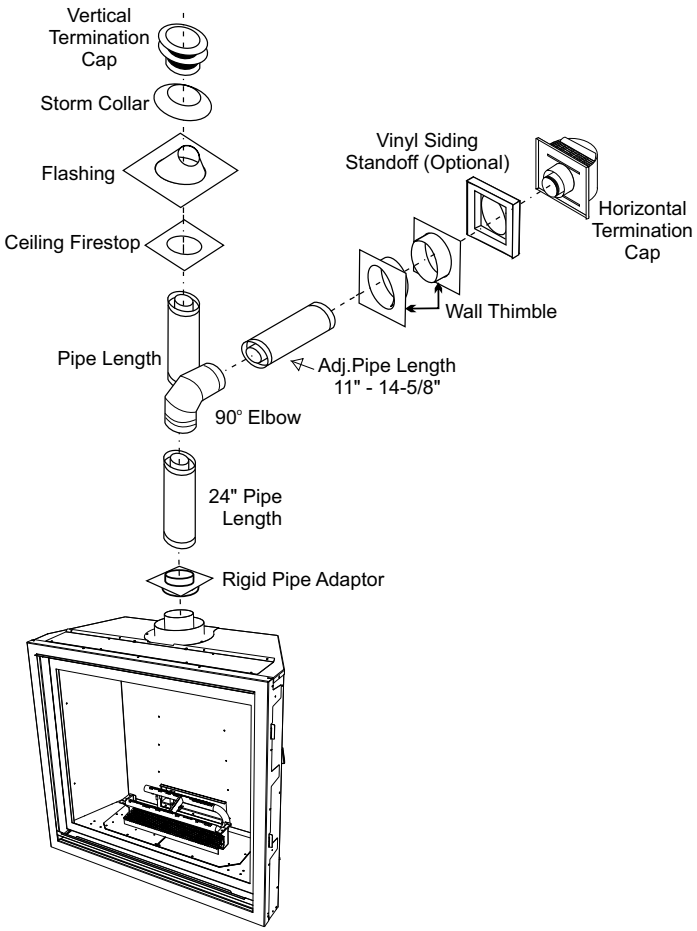
The minimum components required for a basic horizontal termination are:

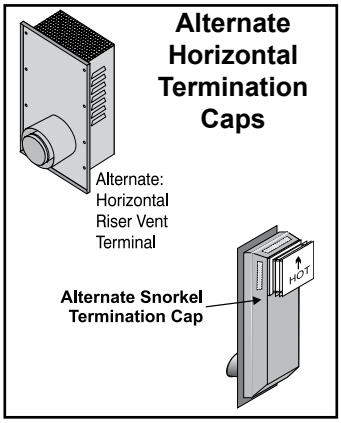
1 Horizontal Termination Cap
1 90° Elbow
1 Rigid Pipe Adaptor
1 Wall Thimble
1 Length of pipe to suit wall thickness (see chart)

Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. For siding other than vinyl furring strips may be used, instead of the vinyl siding standoff, to create a level surface to mount the vent terminal. The Terminal must not be recessed into siding. Measure the wall thickness including furring strips.

If a Vinyl Siding Standoff is required (it must be used with vinyl siding), measure to outside surface of wall without siding and add 2 inches.

Flat Wall Installation	
Wall Thickness (inches)	**Vent Length Required (inches)**
4" (102mm) - 5-1/2" (140mm)	6" (152mm)
7" (178mm) - 8-1/2" (216mm)	9" (229mm)
10" (254mm) - 11-1/2" (292mm)	12" (305mm)
9" (229mm) - 14-1/2" (368mm)	11" (279mm) - 14-5/8" (371mm) Adj. Pipe
15" (381mm) - 23-1/2" (597mm)	17" (432mm) - 24" (610mm) Adj. Pipe
Corner Installation	
Wall Thickness (inches)	**Vent Length Required (inches)**
3-1/4" (83mm) - 6-3/4" (171mm)	11" (279mm) - 14-5/8" (371mm) Adj. Pipe
7-3/4" (197mm) - 16-1/4" (413mm)	17" (432mm) - 24" (610mm) Adj. Pipe
7-1/4" (184mm) - 8-3/4" (222mm)	6" (152mm) + 12" (305mm) 9" (229mm) + 9" (229mm)
4-1/4" (108mm) - 5-3/4" (146mm)	6" (152mm) + 9" (229mm)





WARNING:
Do not combine venting components from different venting systems.

However use of the AstroCap™ and FPI Riser is acceptable with all systems.

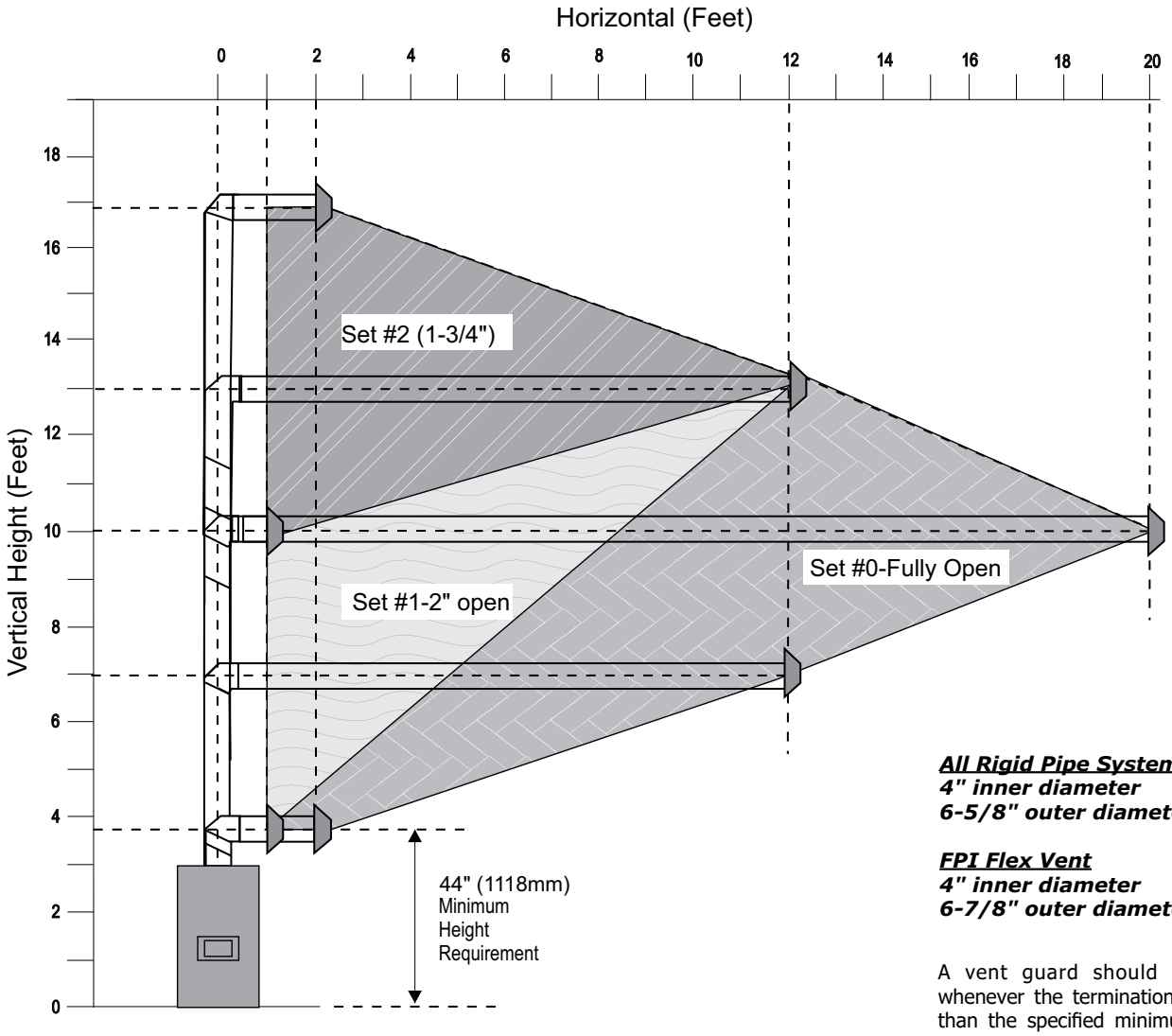
This product has been evaluated by Intertek for using a Rigid Pipe Adaptor in conjunction with DuraVent Direct Vent, Selkirk Direct-Temp, Ameri Vent Direct venting, Olympia Ventis DV and Security Secure Vent systems. Use of these systems with the Rigid Pipe Adaptor is deemed acceptable and does not affect the Intertek WHI listing of components.

The FPI AstroCap™ and FPI Riser Vent terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent , American Metal Products, Olympia Ventis DV, Security Secure Vent®, AmeriVent Direct Vent. AstroCap™ is the proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.

Venting Arrangements - Horizontal Termination - Rigid Pipe and Direct Vent System (Flex) (Propane & Natural Gas)

The diagram shows all allowable combinations of vertical runs with horizontal terminations, using one 90° elbow (two 45° elbows equal one 90° elbow).

Note: Must use optional rigid pipe adaptor (Part # 510-994) when using Rigid Pipe venting systems.



All Rigid Pipe Systems
4" inner diameter
6-5/8" outer diameter

FPI Flex Vent
4" inner diameter
6-7/8" outer diameter

A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.

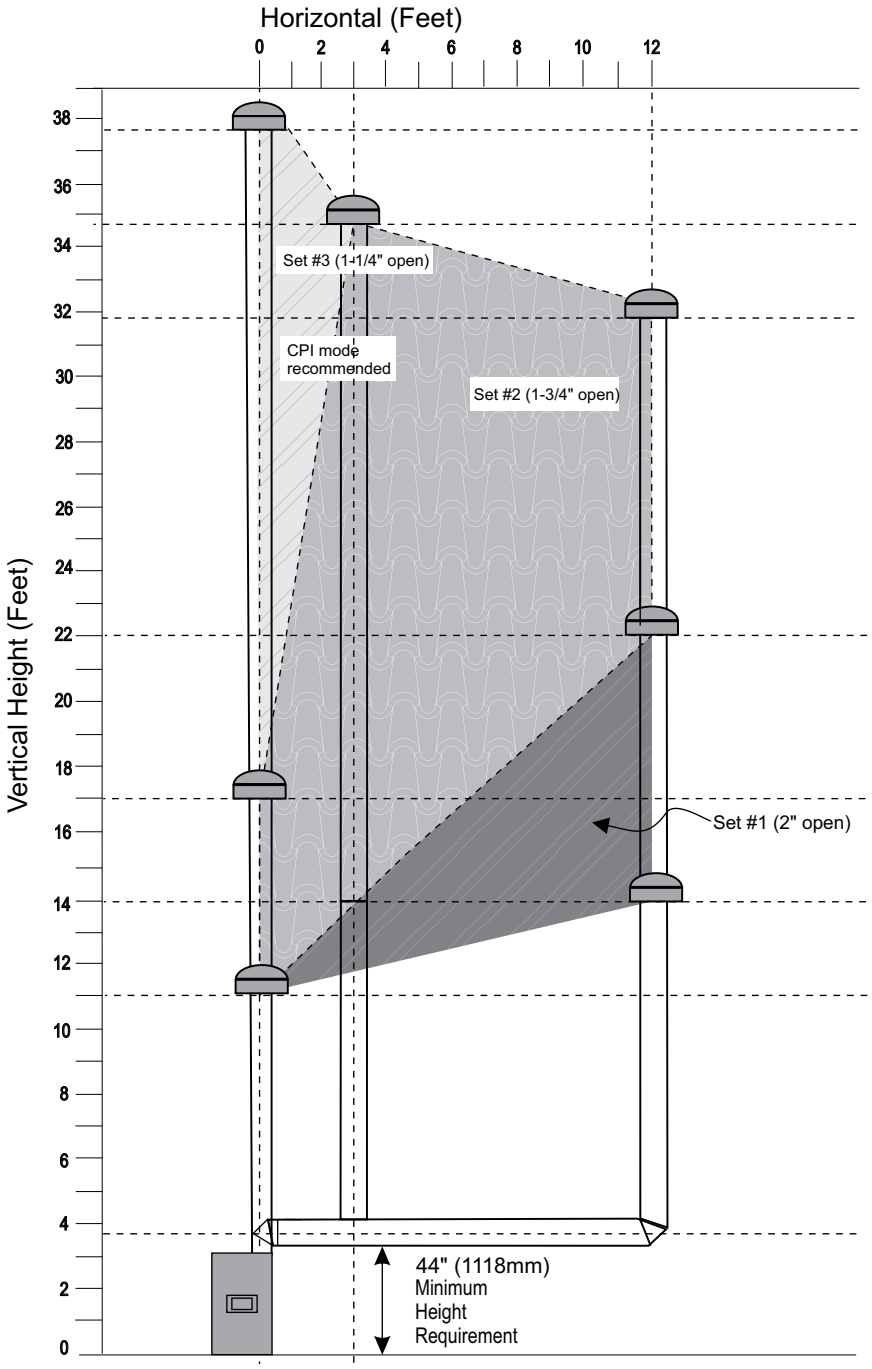
- Maintain clearances to combustibles.
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.

Note: FPI Direct Vent Flex System Part #: 946-515 (4 foot) and 946-516 (10 foot) are only approved for horizontal terminations.
For vent runs longer than 10 ft, only rigid pipe systems may be used.

Venting Arrangements Vertical Termination - Rigid Pipe System and Vertical Flex Kit to Same Limitations

(Propane & Natural Gas)

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations, using two 90° elbows, with rigid pipe vent systems for Propane and Natural Gas.



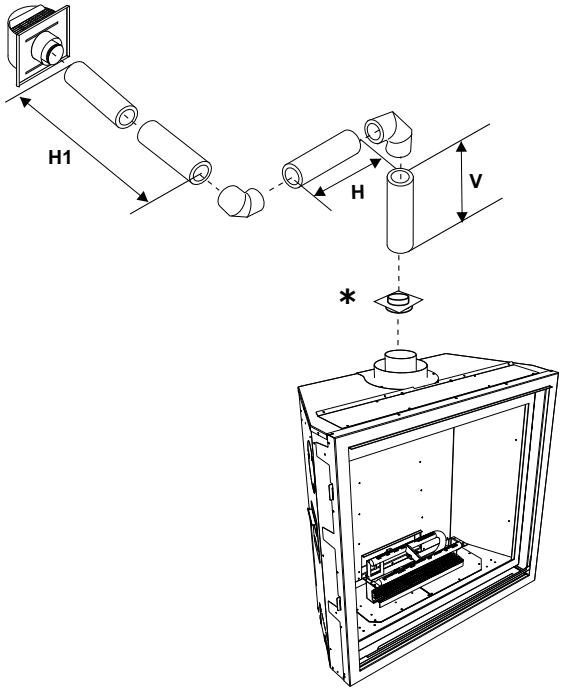
- Vent must be supported at offsets.
- Firestops are required at each floor level and whenever passing through a wall.
- Maintain clearances to combustibles.

Note: Must use optional rigid pipe adaptor when using rigid vent systems (Part # 510-994).

Horizontal Terminations - Two 90° Elbows
(Propane & Natural Gas)

Flex venting limited to a maximum of 10 ft. For vent runs longer than 10 ft, only rigid pipe systems may be used.

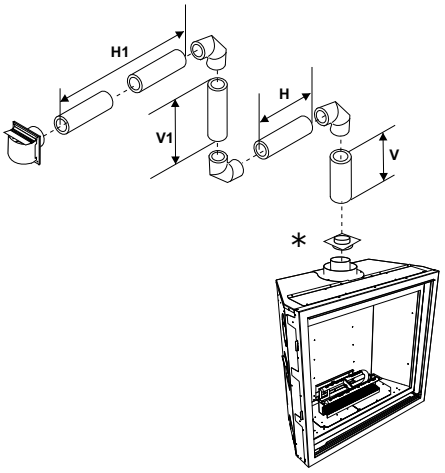
One 90° elbow = Two 45° elbows.			
Option	**V**	**H + H1**	With these options, maximum total pipe length is 30 feet (9.14 m) with minimum of 6 feet (1.82 m) total vertical and maximum 8 feet (2.44 m) total horizontal. Please note minimum 1 foot (0.3 m) between 90° elbows is required.
A)	1' (0.3 m) Min.	2' (0.61 m) Max.	
B)	1' (0.3 m) Min.	3' (0.91 m) Max.	
C)	2' (0.61 m) Min.	4' (1.22 m) Max.	
D)	3' (0.91 mm) Min.	5' (1.52 m) Max.	
E)	4' (1.22 m) Min.	6' (1.82 m) Max.	
F)	5' (1.52 m) Min.	7' (2.13 m) Max.	
G)	6' (1.82 m) Min.	8' (2.44 m) Max	
Restrictor Set 0 fully open. Lengths do not include elbows indicated. *Required when using rigid venting.			



Horizontal Terminations - Three 90° Elbows
(Propane & Natural Gas)

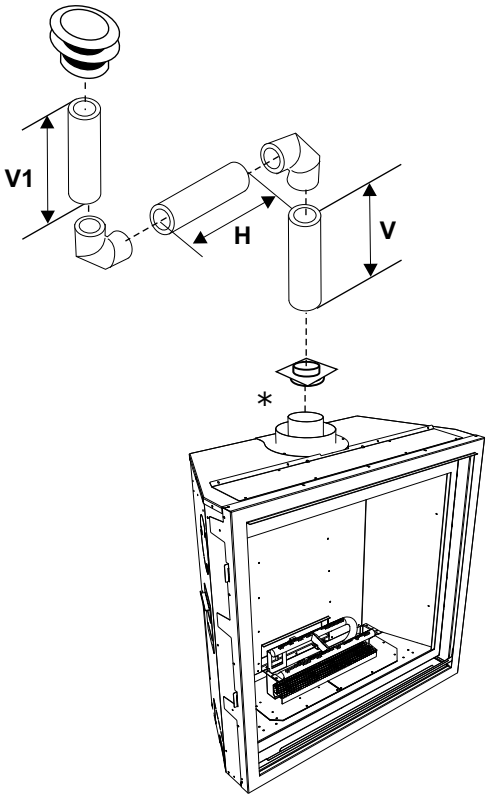
Flex venting limited to a maximum of 10 ft. For vent runs longer than 10 ft, only rigid pipe systems may be used.

One 90° elbow = Two 45° elbows.					
Option	**V**	**H**	**V + V1**	**H + H1**	With these options, max. total pipe length is 30 feet (9.14 m) with min. of 12 feet (3.66 m) total vertical and max. 9 feet (2.79 m) total horizontal. Please note min. 1 foot (0,3 m) between 90° elbows is required.
A)	1' (0.3 m) Min.	1' (0.3 m) Max.	1' (0.3 m) Min.	2' (0.61 m) Max.	
B)	1' (0.3 m) Min.	2' (0.61 m) Max.	3' (0.91 m) Min.	3' (0.91 m) Max.	
C)	2' (0.61 m) Min.	2' (0.61 m) Max.	5' (1.52 m) Min.	4' (1.22 m) Max.	
D)	3' (0.91 m) Min.	2' (0.61 m) Max.	7' (2.13 m) Min.	5' (1.52 m) Max.	
E)	4' (1.22 m) Min.	3 (0.91 m) Max.	9' (2.74 m) Min.	6' (1.82 m) Max.	
F)	5' (1.52 m) Min.	4' (1.22 m) Max.	10' (3.04 m) Min.	7' (2.13 m) Max.	
G)	6' (1.82 m) Min.	5' (152 m) Max.	11' (3.35 m) Min.	8' (2.44 m) Max.	
H)	7' (2.13 m) Min.	6' (1.82 m) Max.	12' (3.66 m) Min.	9' (2.74 m) Max.	
Restrictor Set 0 fully open. Lengths do not include elbows included. *Required when using rigid venting					



Vertical Terminations - Vertical Venting With Two 90° Elbows

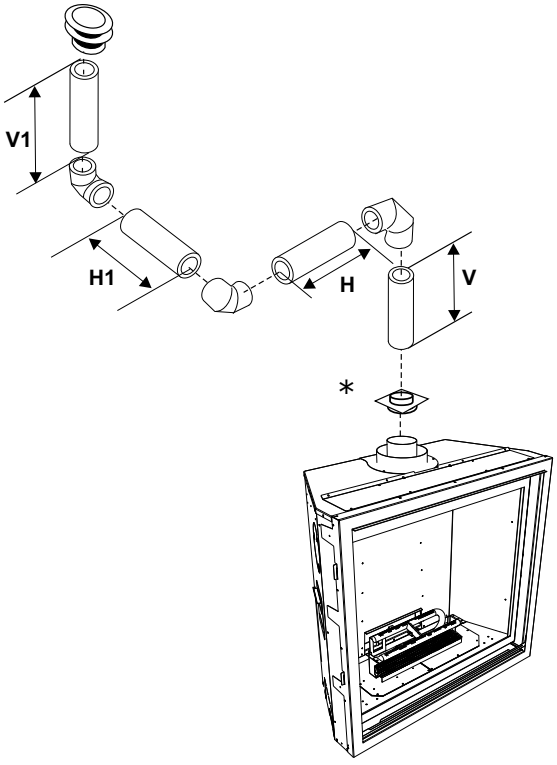
(Propane & Natural Gas)
Rigid Pipe System and Vertical Flex Kit to Same Limitations



One 90° elbow = Two 45° elbows.				
Option	**V**	**H**	**V + V1**	With these options, maximum total pipe length is 30 feet with minimum of 7 feet total vertical and maximum 8 feet total horizontal. ***Please note minimum 1 foot between 90° elbows is required.***
A)	0' Min.	2' Max.	1' Min.	
B)	1' Min.	4' Max.	3' Min.	
C)	2' Min.	5' Max.	4' Min.	
D)	3' Min.	6' Max.	5' Min.	
E)	4' Min.	7' Max.	6' Min.	
F)	5' Min.	8' Max.	7' Min.	
Lengths do not include elbow indicated. ***Required when using rigid venting**				

Vertical Venting With Three 90° Elbows

(Propane & Natural Gas)
Rigid Pipe System and Vertical Flex Kit to Same Limitations



One 90° elbow = Two 45° elbows.				
Option	**V**	**H + H1**	**V + V1**	With these options, maximum total pipe length is 30 feet with minimum of 10 feet total vertical and maximum 8 feet total horizontal. ***Please note minimum 1 foot between 90° elbows is required.***
A)	0' Min.	2' Max.	2' Min.	
B)	1' Min.	2' Max.	3' Min.	
C)	2' Min.	3' Max.	4' Min.	
D)	3' Min.	4' Max.	6' Min.	
E)	4' Min.	5' Max.	7' Min.	
F)	5' Min.	6' Max.	8' Min.	
G)	6' Min.	7' Max.	9' Min.	
H)	7' Min.	8' Max.	10' Min.	
Lengths do not include elbow indicated. ***Required when using rigid venting**				

Venting Arrangements with Co-linear Flex System Into a Masonry Chimney (Propane & Natural Gas)

THE APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.

This appliance is designed to be attached to two 3" (76mm) co-linear aluminium flex running the full length of the chimney. See the Venting Arrangements on next page for minimum and maximum heights.

Required Parts:

Part #	Description
946-529	Co-linear DV Vertical Termination Cap
948-305	3" Flex - 35 ft.
946-563	Co-Axial to Co-Linear Adapter Kit which contains the following: Co-linear Flex Adapter Outer Pipe Inner Pipe Adapter
510-994	Rigid Pipe Adapter

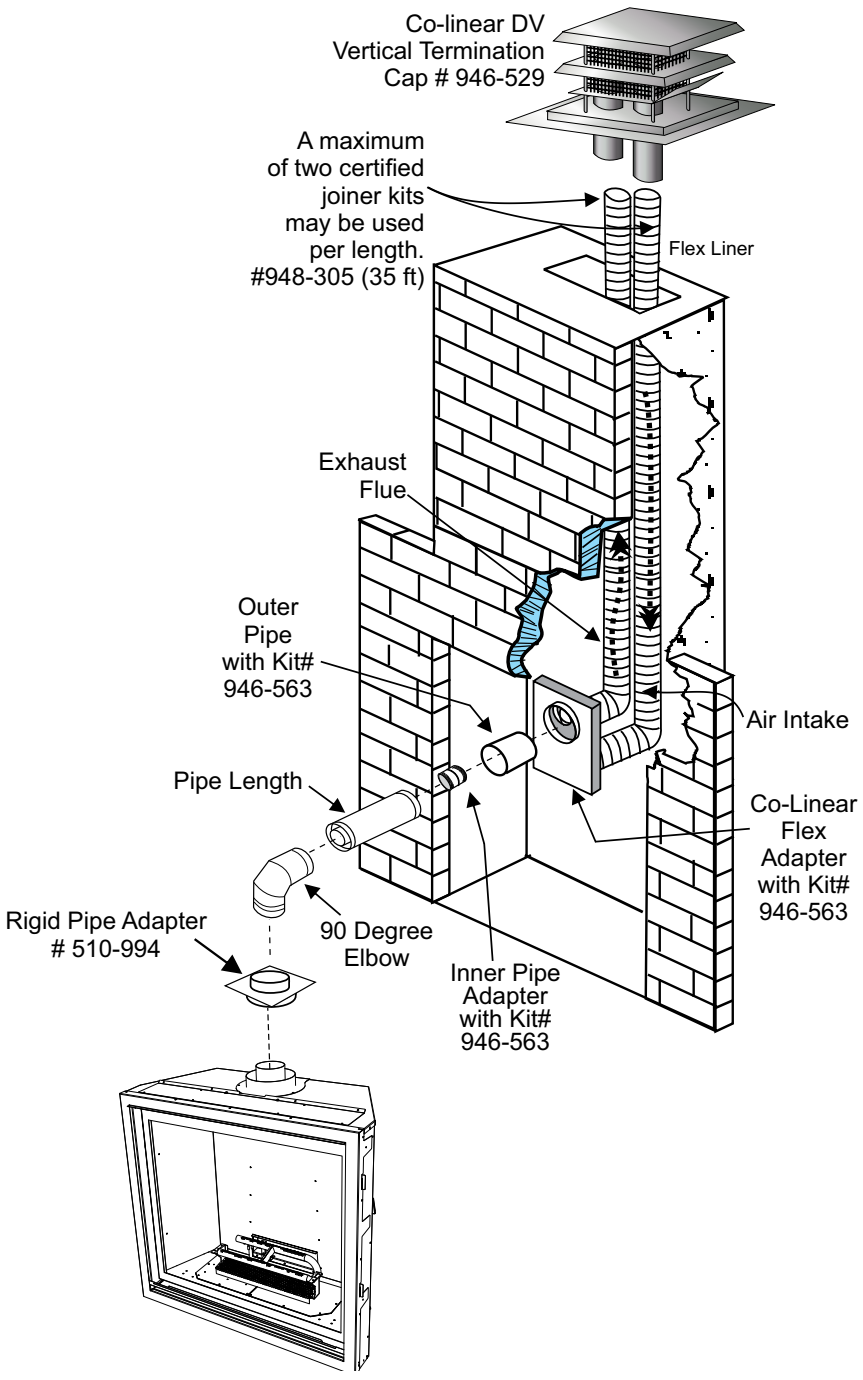
Alternate Approved Caps

46dva-VC	Vertical Termination Cap
46dva-VCH	High Wind Cap
46dva-GK	3" Co-linear Adapter with flashing

NOTE:
See detailed venting arrangements, vertical terminations, co-linear flex system into masonry fireplaces in this manual.

Masonry chimneys may take various contours which the flexible liner will accommodate. However, **keep the flexible liner as straight as possible**, avoid unnecessary bending.

The Air Intake pipe must be attached to the inlet air collar of the termination cap.



Venting Arrangement - Vertical Terminations - Co-linear Flex System Into Masonry Fireplaces (Propane & Natural Gas)

FOR BOTH RESIDENTIAL & MANUFACTURED HOMES

Restrictor at Set #1 (2" open)