

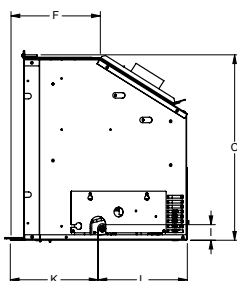
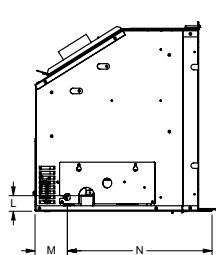
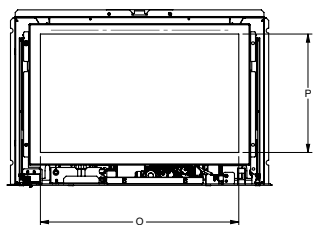
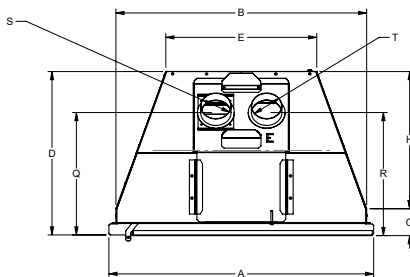
Regency® Gi25LE Gas Insert

MODEL	Gi25LE-NG
Fuel Type	Natural Gas
Minimum Supply Pressure	5" W.C. (1.25 kPa)
Manifold Pressure - High	3.5" W.C. (0.87 kPa)
Manifold Pressure - Low	1.6" W.C. (0.39 kPa)
Orifice Size - Altitude 0-4500 ft (0-1370m)	#38 DMS (0-2000 ft.) #39 DMS (2000 - 4500 ft.)
Orifice	#44 DMS
This appliance shall not be field converted. Approved for NG gas only.	



Fireplace Dimensions

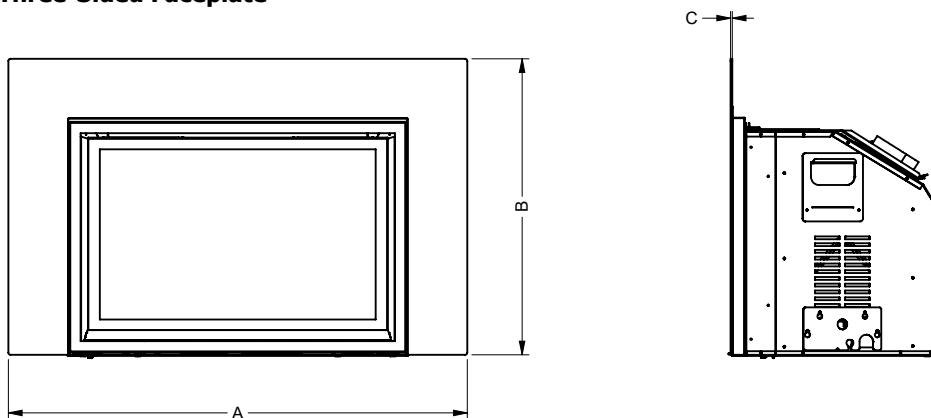
The minimum fireplace clearances and dimensions for the Regency gas insert are shown in the following diagrams:



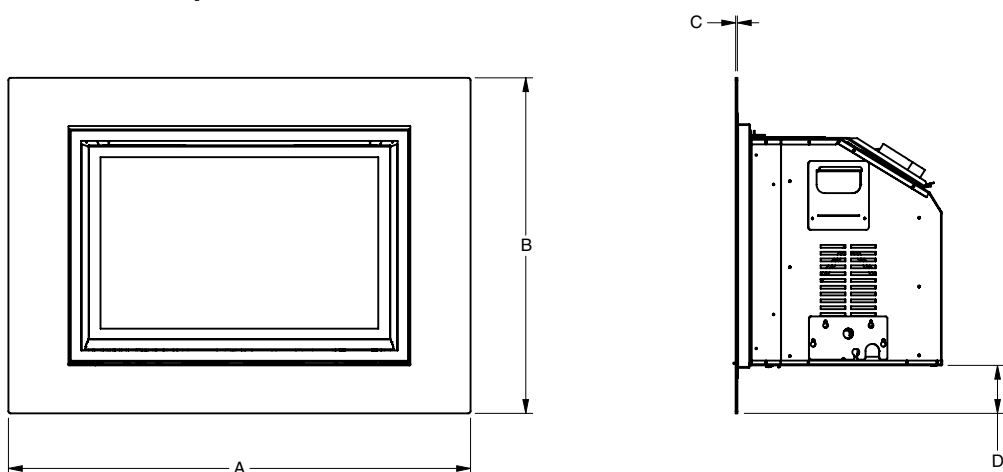
Letter	Description	Dimensions (inches)	Dimensions (mm)
A	Width	26"	660 mm
B	Outerbox Width	24-3/4"	629 mm
C	Outerbox Height	17"	432 mm
D	Outerbox Depth	16-1/4"	413 mm
E	Outerbox Rear Width	15"	381 mm
F	Front to Top Taper	8-1/4"	210 mm
G	Front to Side Taper	2-11/16"	68 mm
H	Rear to Side Taper	13-5/8"	346 mm
I	Gas Inlet Height	1-1/4"	32 mm
J	Gas Inlet Rear Depth	4-7/8"	124 mm
K	Gas Inlet Front Depth	11-1/2"	292 mm
L	Electrical Access Height	1-1/8"	29 mm
M	Electrical Access Rear Depth	3"	76 mm
N	Electrical Access Front Depth	13-1/4"	337 mm
O	Glass Viewing Area Width	19-1/2"	495 mm
P	Glass Viewing Area Height	11-5/8"	295 mm
Q	Front to Intake	11-15/16"	303 mm
R	Front to Exhaust	11-15/16"	303 mm
S	Intake Diameter	3"	76 mm
T	Exhaust Diameter	3"	76 mm

Faceplate Dimensions

Three-Sided Faceplate



Four-Sided Faceplate



Faceplate	Dimensions			
	Width (A)	Height (B)	Depth (C)	Bottom Height (D)
3-Sided Regular Faceplate	35-3/4" (908 mm)	23-1/4" (591 mm)	1-1/4" (32 mm)	-
3-Sided Flush Faceplate	35-3/4" (908 mm)	23-1/4" (591 mm)	1/8" (3 mm)	-
4-Sided Flush Faceplate	35-3/4" (908 mm)	26-3/8" (670 mm)	1/8" (3 mm)	4-1/4" (108 mm)
3-Sided Finishing Trim	28-1/4" (718 mm)	18-3/4" (476 mm)	1/16" (2 mm)	-
4-Sided Finishing Trim	28-1/4" (718 mm)	20" (508 mm)	1/16" (2 mm)	1-1/8" (29 mm)
3-Sided Oversized Backing Plate	44-5/8" (1134 mm)	29-5/8" (737 mm)	1/8" (3 mm)	-
3-Sided Custom Backing Plate	30-1/4" - 56-7/8" (768 mm - 1445 mm)	19-3/4" - 44-7/8" (502 mm - 1118 mm)	1/8" (3 mm)	-
4-Sided Custom Backing Plate	30-1/4" - 69" (768 mm - 1753 mm)	22-1/8" - 45" (562 mm - 1143 mm)	1/8" (3 mm)	2-1/8" minimum (54 mm min.)

Minimum Clearances to Combustibles

The clearances listed below are minimum distances unless otherwise stated.

A major cause of fires is failure to maintain required clearances (airspace) to combustible materials. It is of the greatest importance that this decorative gas appliance is installed only in accordance with these instructions.

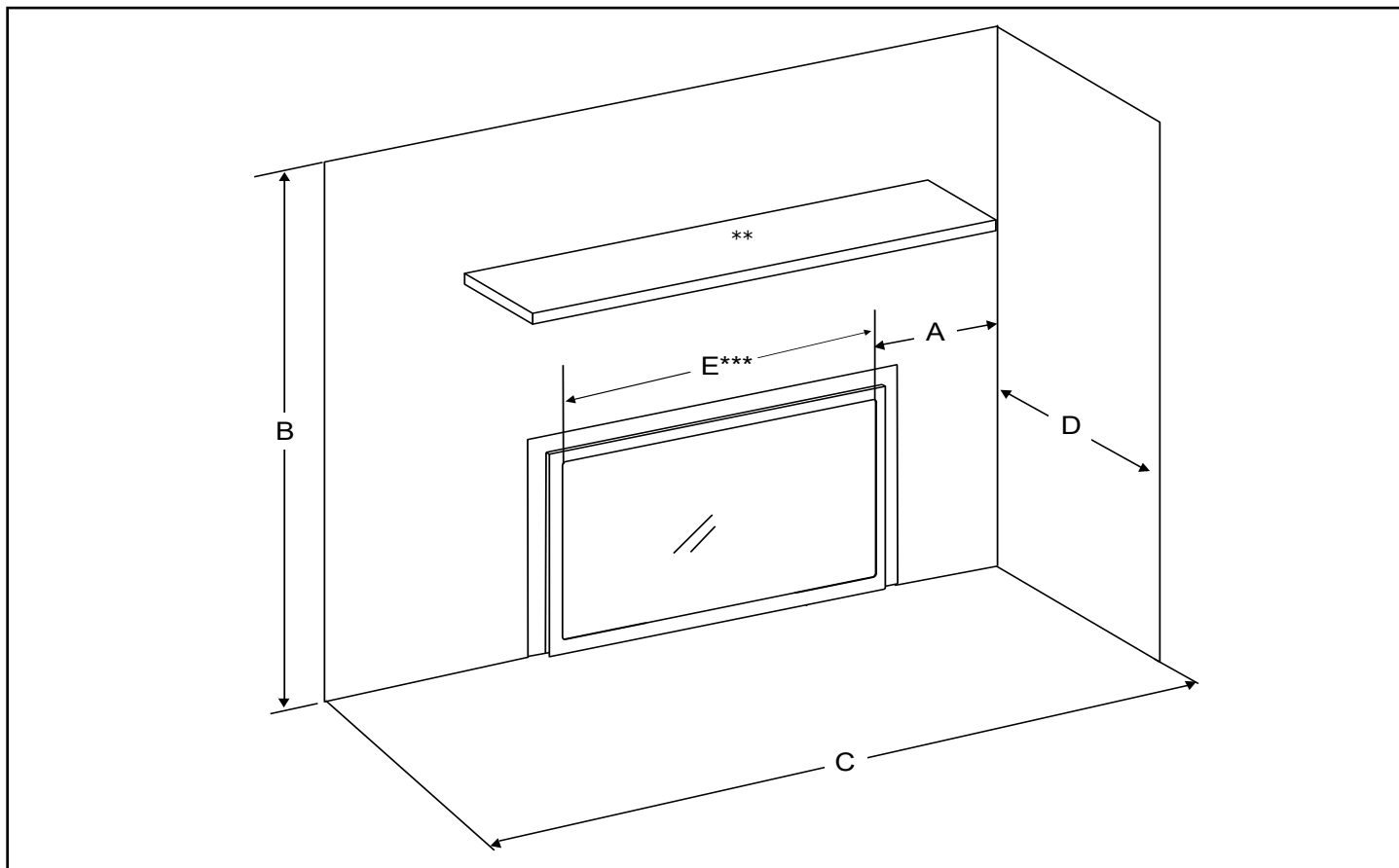


Diagram 1

Clearance	Dimension	Measured From:
A: Sidewall	8" / 203 mm	***From inside edge of faceplate / doors
B: Ceiling	60" / 1524 mm	From base of unit
C: Min. Alcove Width	54" / 1372 mm	From side wall to side wall
D: Max. Alcove Depth	36" / 914 mm	From the front of the unit.

NOTES

A hearth is recommend but not required in front of this appliance. If bringing combustible flooring up to the appliance it must be at the same level or lower than the appliance base. No combustible material is permitted underneath the appliance.

NOTES

- **For mantle clearances, see next page.
- (E): ***Measured from the inside edge of the faceplate/doors - reference only: 19-9/16" (497 mm)

Mantel Clearances Without Mantel Deflector

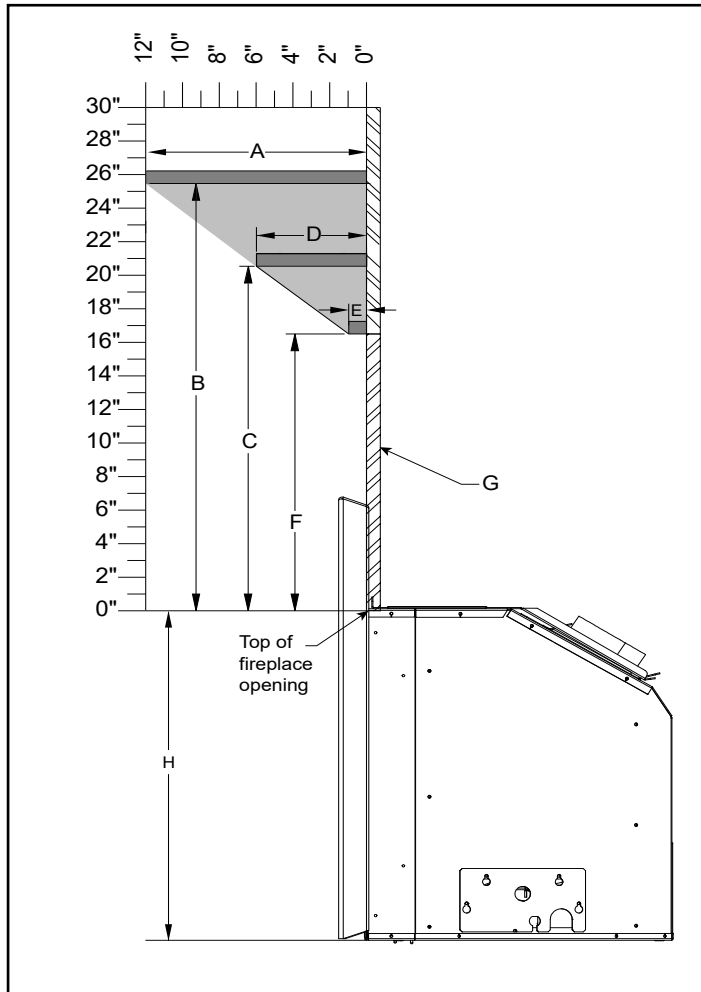


Diagram 2

A	12" (305 mm)
B	25-1/2" (648 mm)
C	21" (534 mm)
D	6" (152 mm)

E	1" (25 mm)
F	16-1/2" (419 mm)
G	Non Combustible Materials
H	16-5/8" (422 mm) to base of unit

Mantel Clearances With 2-1/4" (57 mm) Mantel Deflector

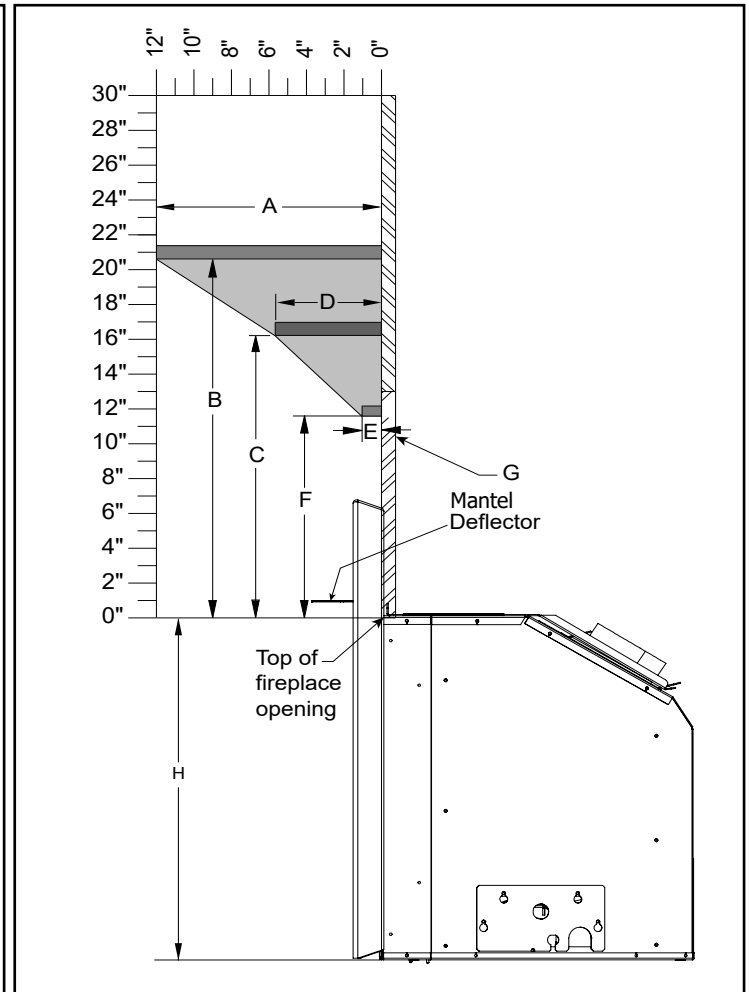


Diagram 3

A	12" (305 mm)
B	20-1/2" (521 mm)
C	16" (407 mm)
D	6" (152 mm)

E	1" (25 mm)
F	11-1/2" (292 mm)
G	Non Combustible
H	16-5/8" (422 mm) to base of unit

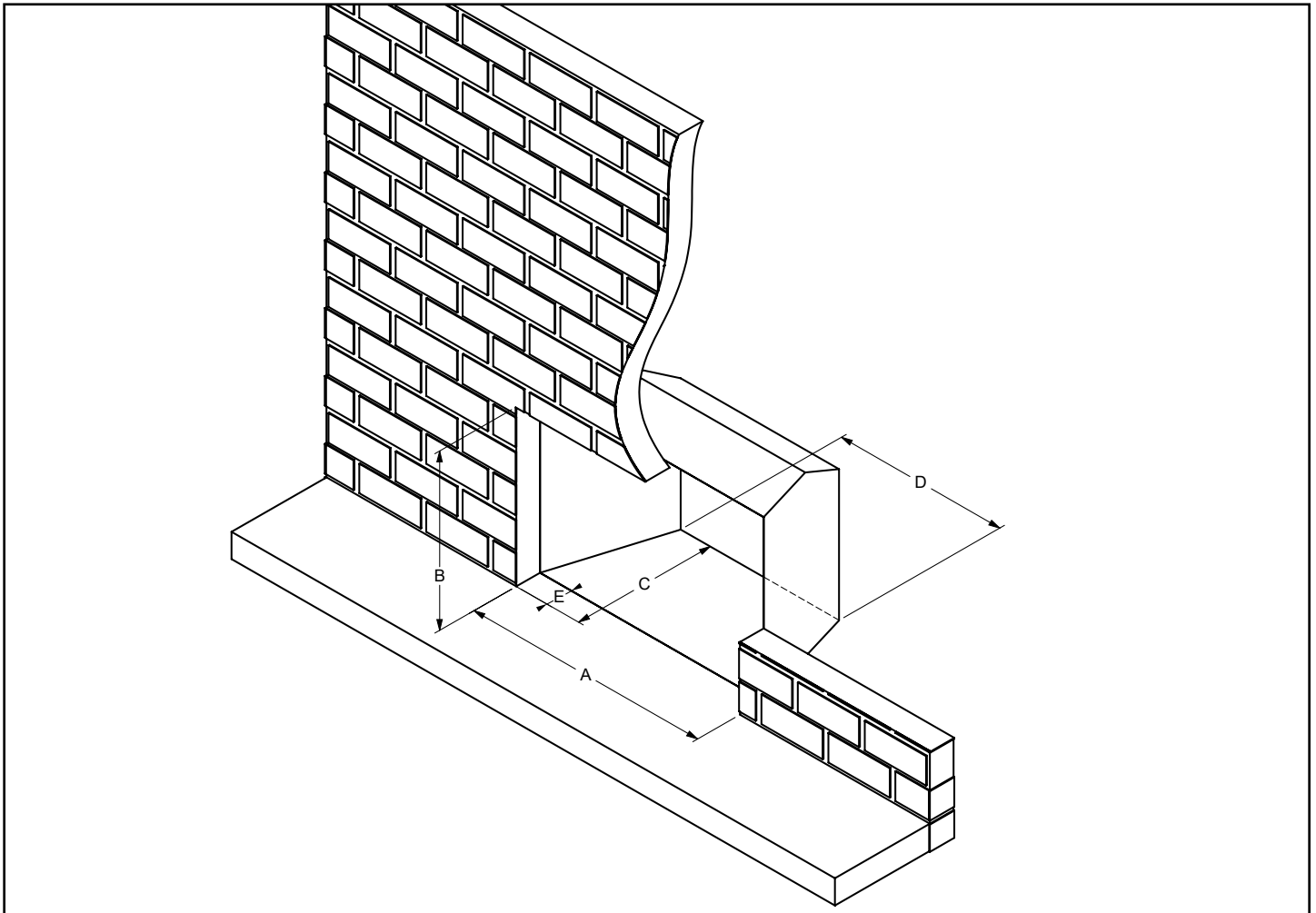
WARNING

Although this appliance passes safety certification, the hearth in front of the fireplace becomes very hot when the fireplace heats. Do not use the hearth as a seat or shelf.

NOTES

- A 2-1/4" (57 mm) mantel deflector reduces mantel height to 28-1/8" (714 mm) from the base of the unit at 1" (25 mm) depth.
- A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board. The non-combustible mantel, when installed at a lower overall height, may not be lower than 6" (152 mm) from the top of the fireplace opening.
- All material used must be non-combustible.

Minimum Fireplace Opening Sizes with Varying Faceplate/Backing Plate Options

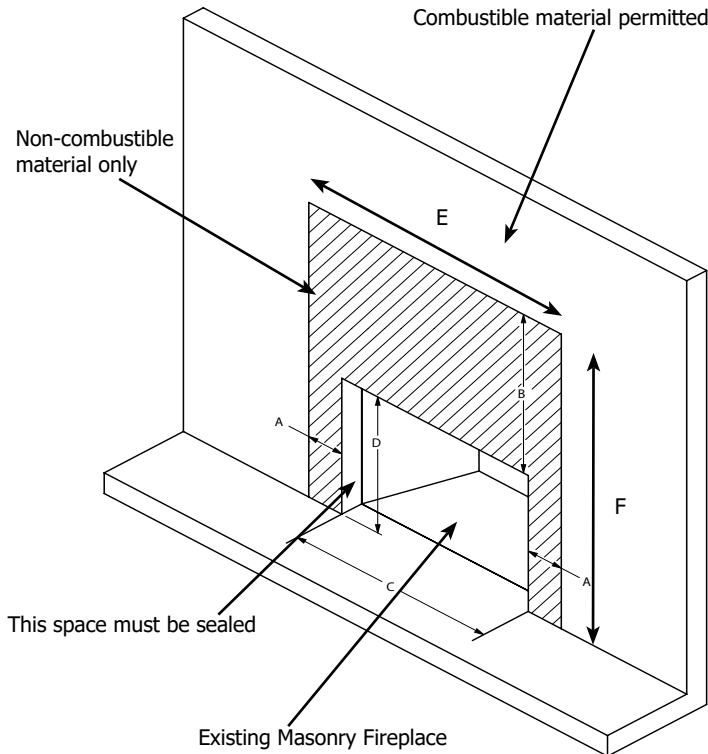


Faceplate	Dimensions				
	Minimum Install Width (A)	Minimum Install Height (B)	Minimum Install Depth (C)	Minimum Rear Width (D)	Taper Depth (E)
3-Sided Regular Faceplate	25" (635 mm)	17" (432 mm)	15" (381 mm)	15" (381 mm)	1-5/8" (42 mm)
3-Sided Regular Faceplate w/ 3-Sided Backing Plate	26-3/4" (680 mm)	18-1/4" (464 mm)	15" (381 mm)	15" (381 mm)	3-1/8" (80 mm)
3-Sided Flush Faceplate	26-1/2" (673 mm)	18" (457 mm)	16-1/4" (413 mm)	15" (381 mm)	2-5/8" (67 mm)
3-Sided Flush Faceplate w/ 3-Sided Backing Plate	26-3/4" (680mm)	18-1/8" (461mm)	16-1/8" (410mm)	15" (381mm)	4" (102mm)
4-Sided Flush Faceplate	26-1/2" (673mm)	18-1/8" (461mm)	16-1/4" (413mm)	15" (381mm)	2-5/8" (67mm)
3-Sided Finishing Trim	26-1/2" (673mm)	18" (457mm)	16-1/4" (413mm)	15" (381mm)	2-5/8" (67mm)
3-Sided Finishing Trim w/ 3-Sided Backing Plate	26-3/4" (680mm)	18-1/4" (464mm)	16-1/8" (410mm)	15" (381mm)	4-1/4" (108mm)
4-Sided Finishing Trim	26-1/2" (673mm)	18-1/8" (461mm)	16-1/4" (413mm)	15" (381mm)	2-5/8" (67mm)


Using Steel Studs and Concrete Board Over Masonry Brick Fireplace


The masonry front brick facing can be removed and replaced with non-combustible materials such as steel studs and concrete board/dura rock/micor board as per diagram 1, only if safe to do so. Steel stud may also be placed in front of the masonry brick if left in place. This is the preferred method depending on the condition of the masonry brick fireplace.

The opening between the front of the masonry firebox and non-combustible materials such as steel studs must be sealed so heat cannot run between the face of the masonry fireplace and the refacing materials. Only finishing materials such as tile, stone, brick, or similar materials that are non-combustible may be used. Use materials that are uniform so that when the unit is positioned, there are no visible gaps on the sides or top of the surround.



DIMENSIONS	
A - Horizontal clearance	6" (152 mm)
B - Vertical clearance	20" (508 mm)
C - Opening Width	26" (660 mm)
D - Opening Height	17-3/4" (451 mm)
E - Minimum Total Width	38" (965 mm)
F - Minimum Total Height	37-3/4" (959 mm)

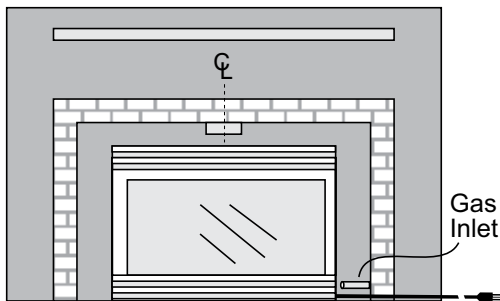
Combustible Facing Over Combustible Framing 

Non-Combustible Facing Over Non-Combustible Framing 

Gas Connection

WARNING Only people licensed to work with gas piping may make the gas connections to this appliance.

1. If the appliance is installed into an existing chimney system, thoroughly clean the masonry or factory-built fireplace.
2. The appliance has an opening on the left side of the control compartment. A 3/8" NPT gas supply pipe must be brought near the opening.
3. Locate the centre point where the vent will pass through the chimney, above the appliance. Move the appliance to the installation location. Ensure that the insert is level.
4. Do not cut any sheet metal parts of the fireplace into which the gas insert will be installed.
5. If the factory-built fireplace has no gas access hole(s), drill one of 1-1/2" (37-1/2 mm) or less through the lower sides or bottom of the firebox. The access hole must be plugged with non-combustible insulation after the gas supply line is installed.



Vertical Venting

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

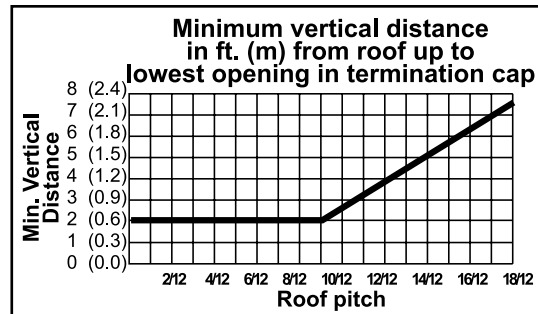
INSTALLATION WITH 3" X 3" LINERS

This appliance is designed to attach to two 3" (76 mm) co-linear aluminum flex running the full length of the chimney. The flue length must be a minimum of 10' (3.05 m) and a maximum of 35' (10.7 m) long. See the chart below for minimum distances from the roof. Periodically check that the vent is unrestricted.

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

Attach both the exhaust and intake flue liners to both the termination cap & flue collar at the appliance with a minimum of three self-tapping screws. Use Mil-Pac sealant to seal the pipes.

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



IMPORTANT

This appliance was tested and certified as a complete system with the noted termination caps and flex liner. Only the listed termination caps/flex liner noted below can be used. Use of termination caps or flex liners not listed in this manual will void the warranty and certification of this appliance. It is also important not to enclose the termination cap inside a masonry chimney rain cap, or similar.

NOTES

When attaching the two 3 inch (76 mm) liners to the termination cap and prior to sliding them down the chimney, it is good practice to mark the liners "exhaust" & "air intake". This prevents mixing up the liners at the flue collar connection of the appliance. If facing the appliance from the front, the air intake is located on the left and the exhaust flue on the right.



Gas & Electrical Connections

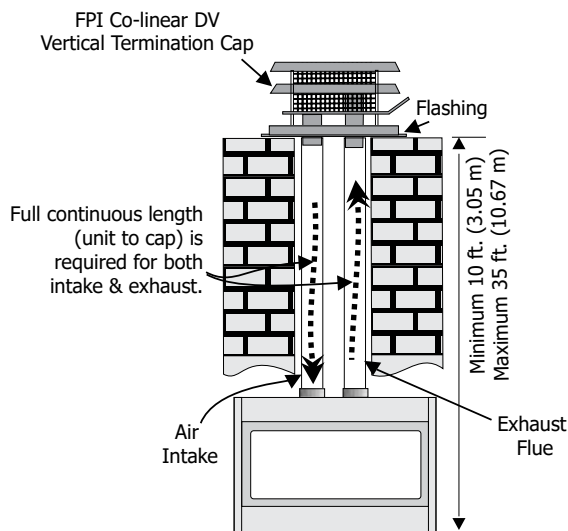
Venting

INSTALLATION WITH 3" & 3" LINERS

Part #	Description
948-305	3" Flex - 35 ft. (intake & exhaust)
946-529	Regency Co-linear DV Vertical Termination Cap & Flashing

Vent Run	Vent Restrictor Position	Burner Aeration Setting
10' to 15'	3" Open	1/4"
15' to 25'	3-1/2" Open	1/4"
25' to 35'	2-1/2" Open	1/4"

NOTE: See instructions in the "Vent Restrictor Position" section on positioning of the vent restrictor.



Alternative Approved Venting Components*

- 46DVA-VCH High Wind Cap
- 46DVA-GK 3" Co-linear Adaptor with flashing

Note: Both Air Inlet/Exhaust Liners would need to be purchased separately as they are not included. Simpson Dura-Vent pipe lengths can be added if required to meet clearance requirements.

or

46DVA-CL33 Co-Linear Kit w/Flex
Note : The 46DVA-CL33 includes high wind cap, flashing & 35 foot liners for both exhaust/intake.

In areas of consistently high winds, we recommend using the Simpson Dura-Vent System 46DVA-GK adapter and 46DVA-VCH high-wind cap or 46DVA-CL33 Co-Linear Kit w/Flex.
The Air Intake pipe must be attached to the inlet air collar of the termination cap.

***NOTE:** Simpson Duravent can only be used with 3" liners.

The Gi25LE is also approved for use with a 2" liner for air intake and a 3" liner for exhaust. This would be suitable for a Class A wood burning chimney with a minimum 6" round flue.

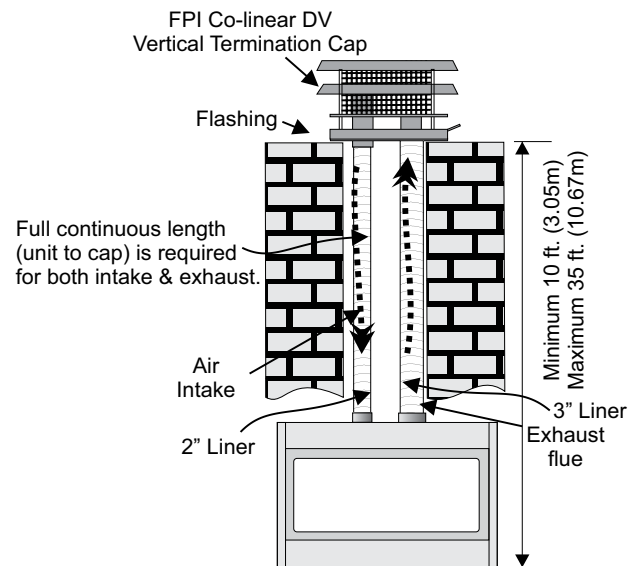
The chimney must be lined with one 2" diameter liner for intake and one 3" diameter liner for exhaust. The minimum vent length is 10' (3.05 m) and maximum is 35' (10.7 m).

INSTALLATION WITH 3" & 2" LINERS

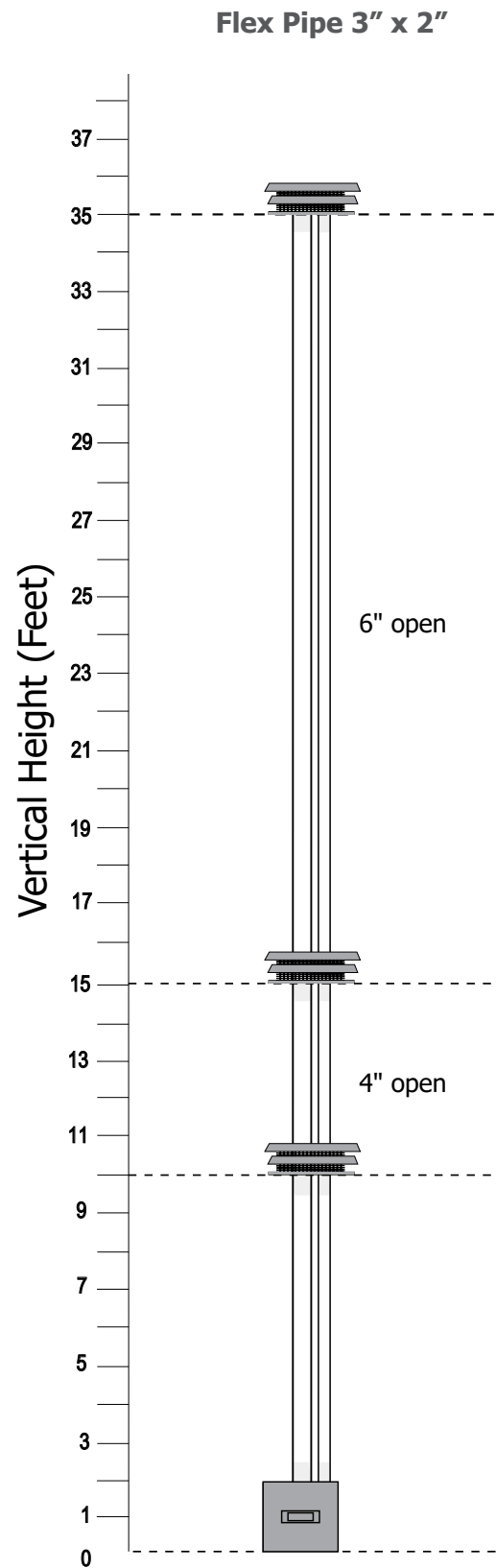
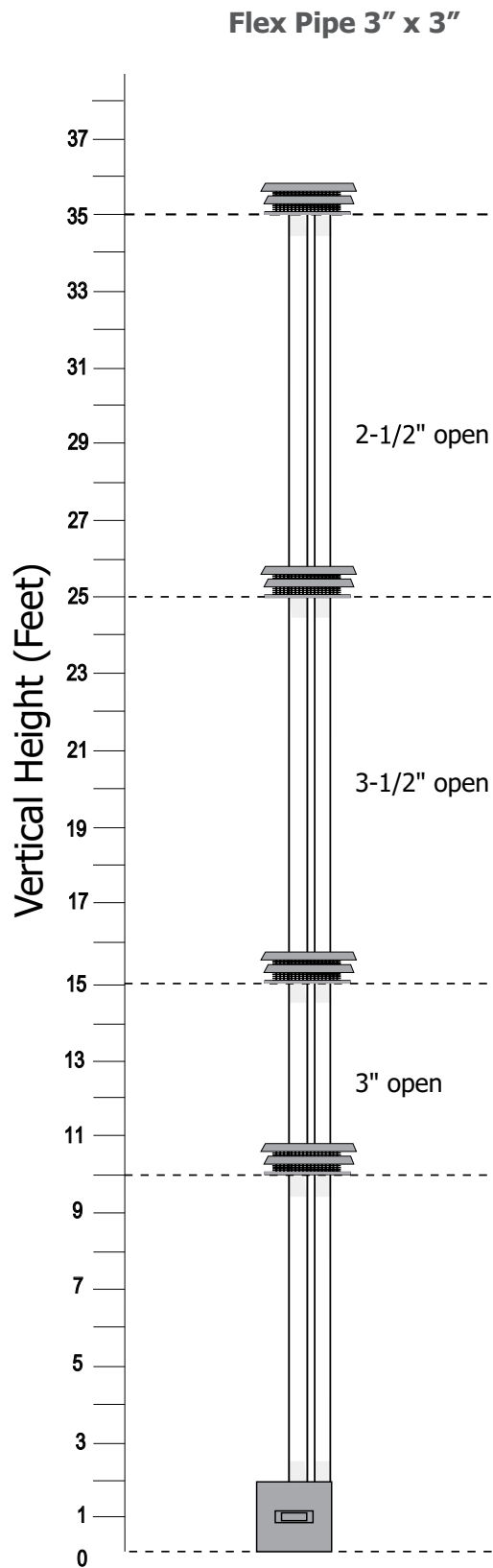
Part #	Description
948-305	3" Flex - 35 ft. (exhaust)
948-316	2" Flex - 35 ft. (intake)
946-582	Regency Co-linear DV Vertical Termination Cap, Flashing & 2" Collar

Vent Run	Vent Restrictor Position	Burner Aeration Setting
10' to 15'	4" Open	1/4"
15' to 35'	6" Open	1/4"

NOTE: See instructions in the "Vent Restrictor Position" section on positioning of the vent restrictor.



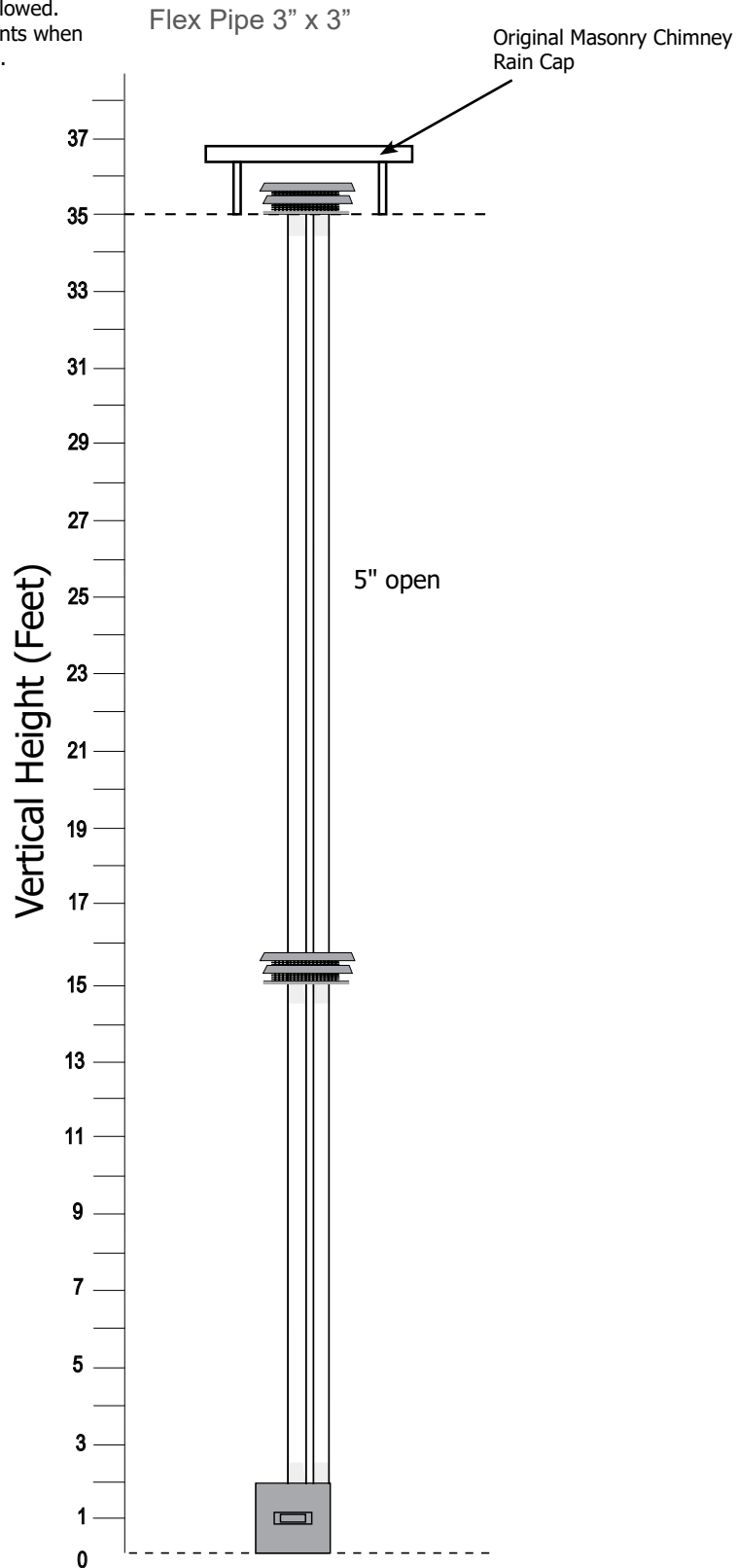
Vertical Venting/Restrictor Settings for FPI Co-Linear DV Vertical Termination Cap & Flashing (946-529)



Vertical Venting/Restrictor Settings for FPI Co-Linear DV Vertical Termination Cap & Flashing (946-529) Enclosed

IMPORTANT:

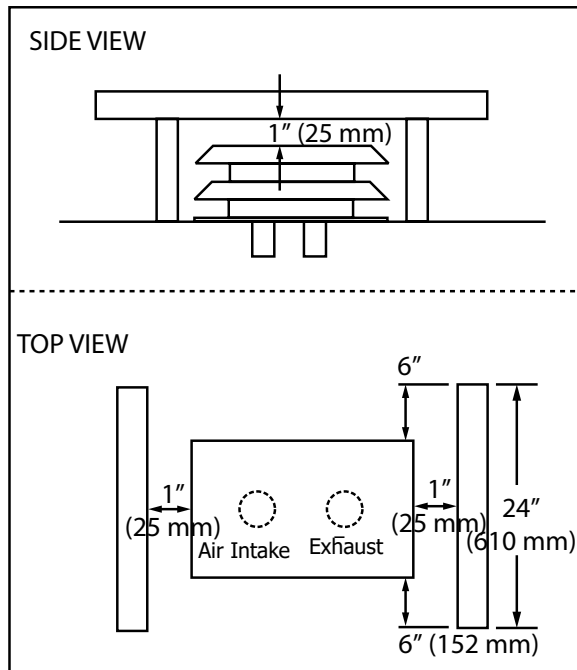
Vent cap clearances to Sides and Top must be followed.
See next page for important clearance requirements when termination cap is enclosed above and on 2 sides.



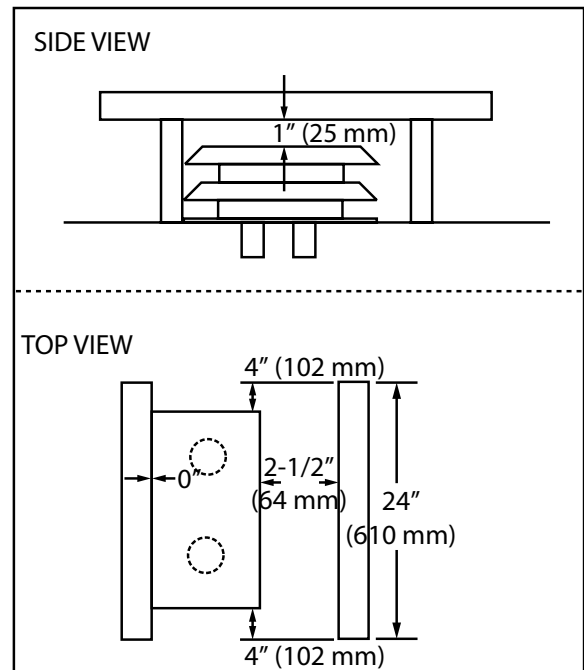
Vertical Venting/Clearance Requirements for FPI Co-Linear DV Vertical Termination Cap & Flashing (946-529) Enclosed

When installed with 46DVA-CL33 or 46DVA-GK + 46DVA-VCH + 3" FPI Flex (Exhaust/Air Intake)
These vent kits cannot be enclosed and must be exposed on all 4 sides and above.

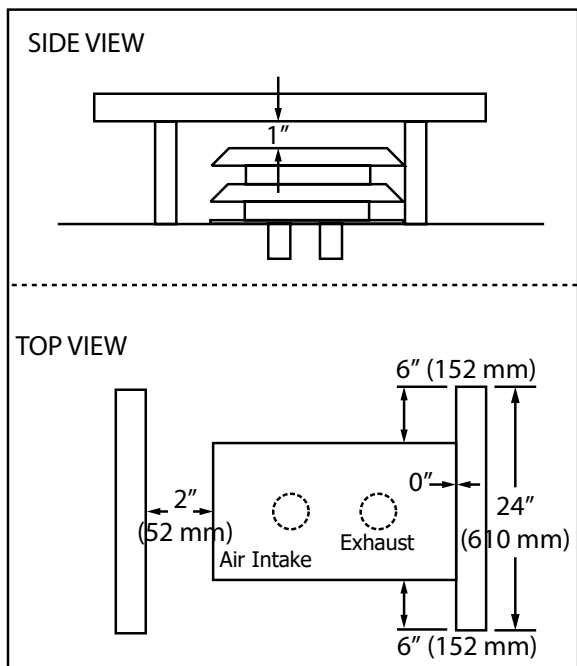
Situation 1



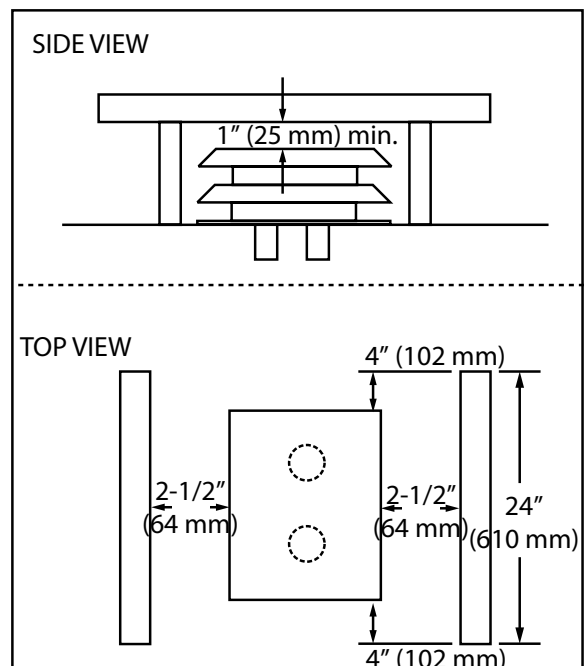
Situation 3



Situation 2



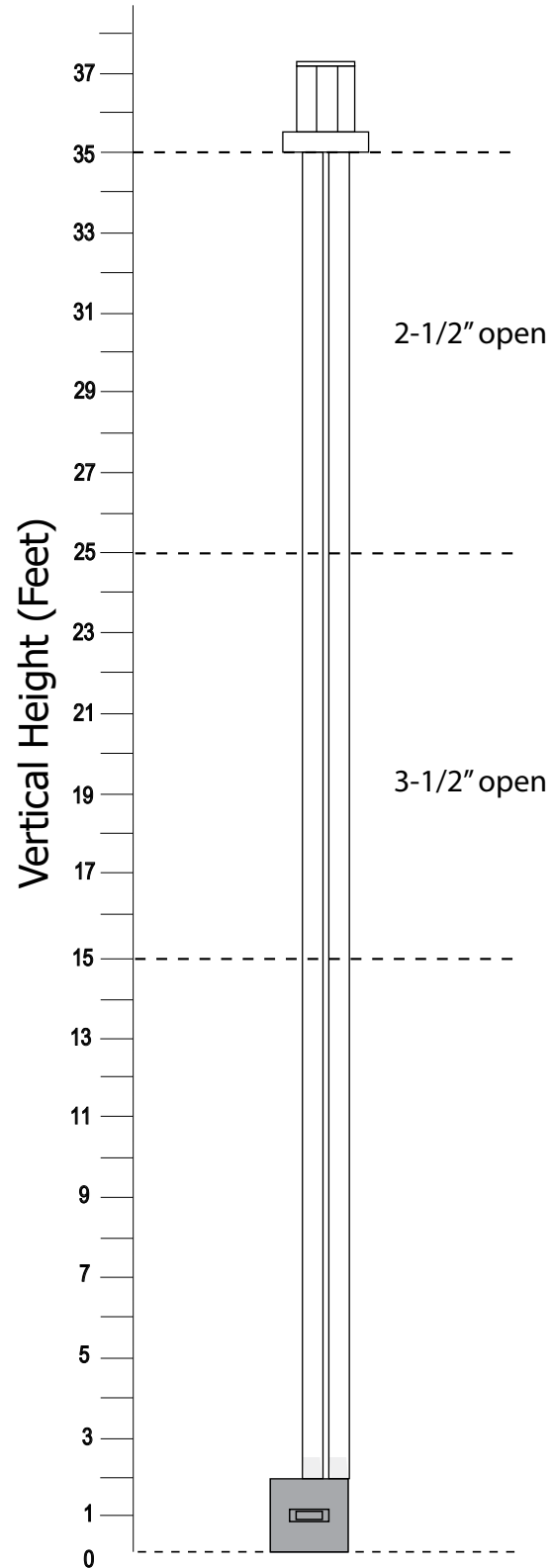
Situation 4



Note: Restrictor must be set to 5" (127 mm) open, see Restrictor Adjustment.

Vertical Venting/Restrictor Settings for Simpson Dura-Vent Termination Caps

When installed with:
46DVA-CL33 or
46DVA-GK + 46DVA-VCH + 3" FPI Flex (Exhaust/Air Intake)



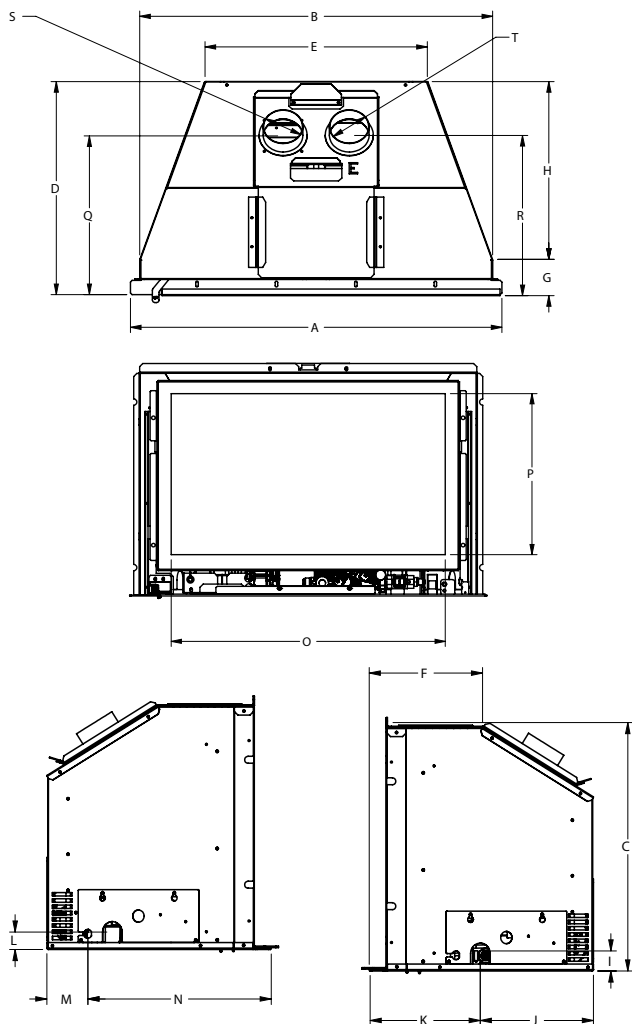
Regency® Gi27LE Gas Insert

MODEL	Gi27LE-NG	Gi27LE-LP
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.74 kPa)
Manifold Pressure - High	3.5" W.C. (0.87 kPa)	10" W.C. (2.49 kPa)
Manifold Pressure - Low	1.6" W.C. (0.39 kPa)	6.4" W.C. (1.59 kPa)
Minimum Input	17,000 Btu/h (4.98 kW)	17,500 Btu/h (5.13 kW)
Maximum Input	25,000 Btu/h (7.33 kW)	22,000 Btu/h (6.45 kW)
Orifice Size - Altitude 0-4500 ft (0-1370m)	#42 DMS	#54 DMS
CSA P.4.1 Fireplace Efficiency (FE)	63.64%	64.17%



Fireplace Dimensions

The minimum fireplace clearances and dimensions for the Regency gas insert are shown in the following diagrams:

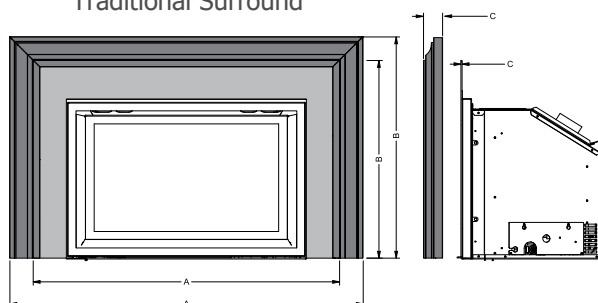


Letter	Description	Dimensions (inches)	Dimensions (mm)
A	Width	28"	711 mm
B	Outerbox Width	26-3/4"	679 mm
C	Outerbox Height	18"	457 mm
D	Outerbox Depth	16-1/4"	413 mm
E	Outerbox Rear Width	17"	432 mm
F	Front to Top Taper	8-1/4"	210 mm
G	Front to Side Taper	2-11/16"	68 mm
H	Rear to Side Taper	13-5/8"	346 mm
I	Gas Inlet Height	1-1/4"	32 mm
J	Gas Inlet Rear Depth	8-3/16"	208 mm
K	Gas Inlet Front Depth	8"	203 mm
L	Electrical Access Height	1-1/8"	29 mm
M	Electrical Access Rear Depth	3"	76 mm
N	Electrical Access Front Depth	13-1/4"	337 mm
O	Glass Viewing Area Width	21-1/2"	546 mm
P	Glass Viewing Area Height	12-5/8"	321 mm
Q	Front to Intake	11-15/16"	303 mm
R	Front to Exhaust	11-15/16"	303 mm
S	Intake Diameter	3"	76 mm
T	Exhaust Diameter	3"	76 mm

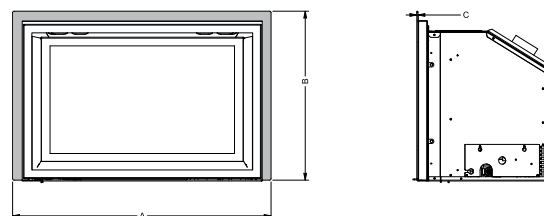
Faceplate Dimensions

Three-Sided Flush Faceplate

Flush Faceplate w/
Traditional Surround

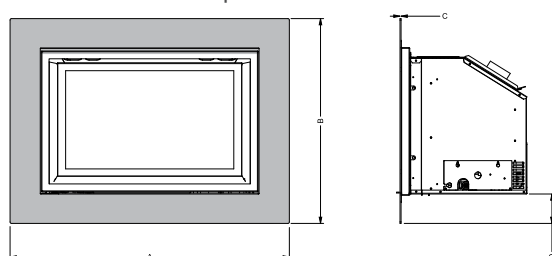


Finishing Trim

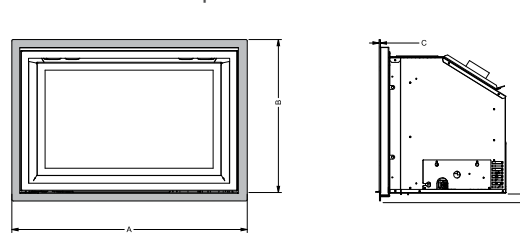


Four-Sided Flush Faceplate

4-Sided Flush Faceplate

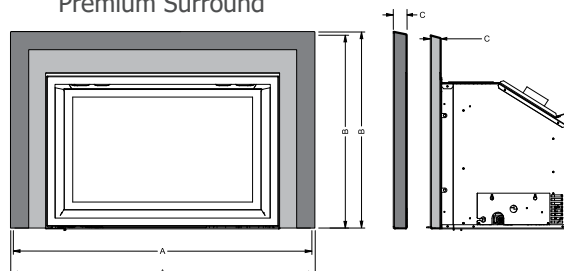


4-Sided Flush Faceplate

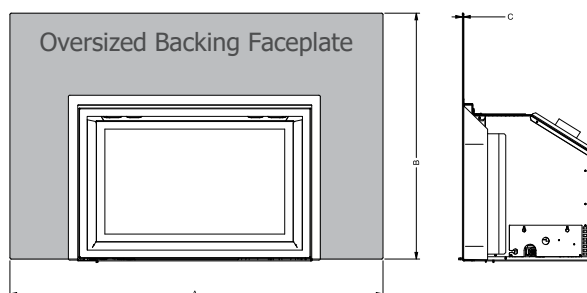


Regular Faceplate w/Premium Surround

Regular Faceplate w/
Premium Surround



Oversized Backing Faceplate



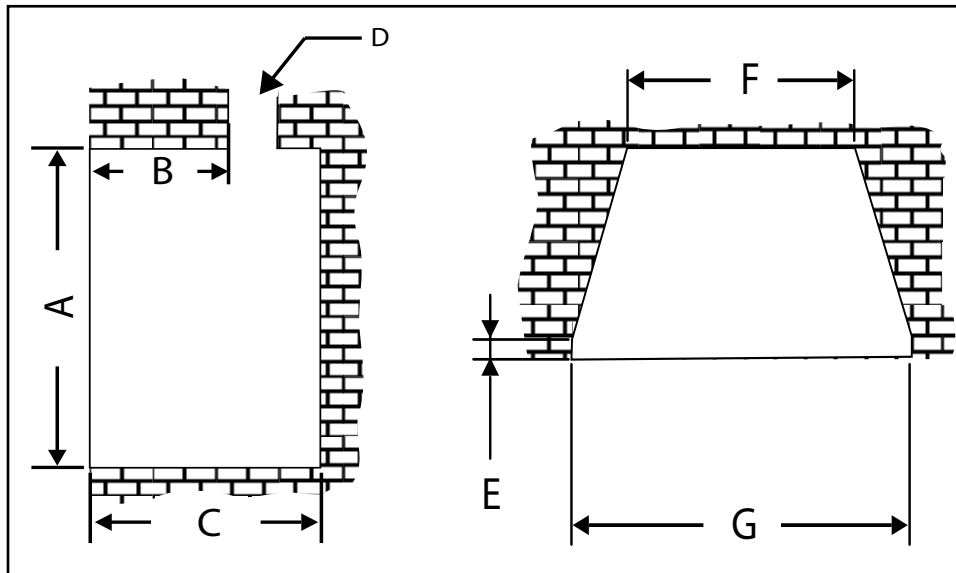
Faceplate	Dimensions			
	Width (A)	Height (B)	Depth (C)	Bottom Height (D)
Regular Faceplate	35-3/4" (908 mm)	23-1/4" (591 mm)	1-1/4" (32 mm)	-
Regular Faceplate w/ Premium Surround	36-1/2" (927 mm)	23-1/2" (597 mm)	1-11/16" (43 mm)	-
Flush Faceplate	35-3/4" (908 mm)	23-1/4" (591 mm)	1/8" (3 mm)	-
Flush Faceplate w/ Traditional Surround	41-5/16" (1049 mm)	26" (660 mm)	2-1/4" (57 mm)	-
4-Sided Flush Faceplate	35-3/4" (908 mm)	26-3/8" (670 mm)	1/8" (3 mm)	3-5/8" (92 mm)
Finishing Trim	31-7/8" (810 mm)	19-3/4" (502 mm)	1/16" (2 mm)	-
4-Sided Finishing Trim	30-1/4" (768 mm)	21" (533 mm)	1/16" (2 mm)	1-1/8" (29 mm)
Oversized Backing Plate	44-5/8" (1134 mm)	29-5/8" (737 mm)	1/8" (3 mm)	-
3-Sided Custom Backing Plate	30-1/4" - 56-7/8" (768 mm - 1445 mm)	19-3/4" - 44-7/8" (502 mm - 1118 mm)	1/8" (3 mm)	-
4-Sided Custom Backing Plate	30-1/4" - 69" (768 mm - 1753 mm)	22-1/8" - 45" (562 mm - 1143 mm)	1/8" (3 mm)	2-1/8" minimum (54 mm min.)

Minimum Fireplace Dimensions

The minimum fireplace clearances & dimensions for the Regency gas insert are shown in the following diagram:

NOTE

Also, see minimum fireplace opening sizes with varying faceplate, finishing trim, and backing plate options on the next page.



A Height	B Max. Lintel Bar Depth	C Depth	D Damper Opening	E Front Depth to Taper	F Width (rear)	G Width (front)
18" (432 mm)	10-1/2" (267 mm)	15" (381 mm)	8" x 4" min. (203 mm x 102 mm)	1-5/8" (41 mm)	17-1/2" (445 mm)	27" (686 mm)

Minimum Clearances to Combustibles

The clearances listed below are minimum distances unless otherwise stated.

A major cause of fires is failure to maintain required clearances (airspace) to combustible materials. It is of the greatest importance that this decorative gas appliance is installed only in accordance with these instructions.

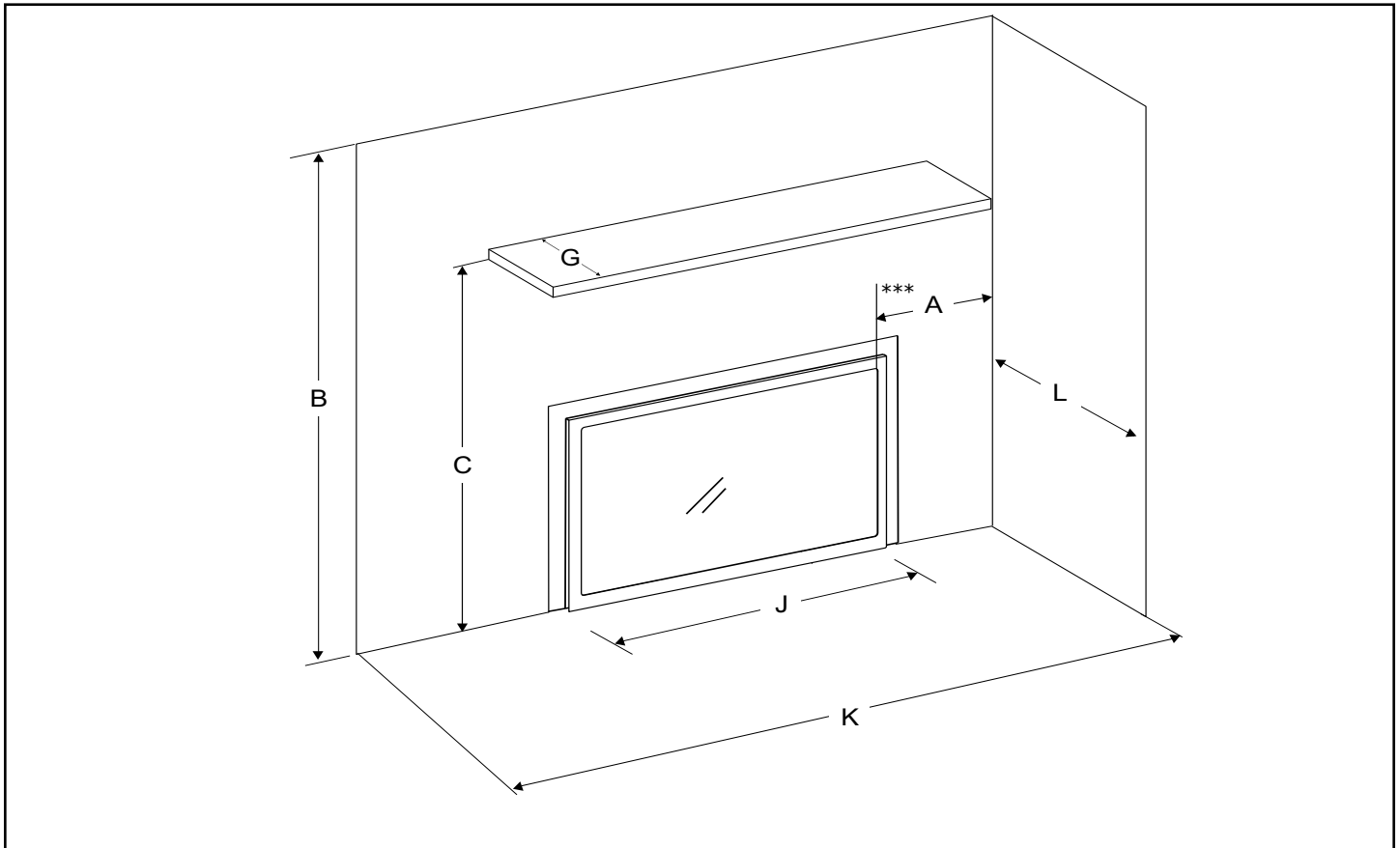


Diagram 1

Clearance	Dimension	Measured From:
A: Sidewall	8" / 203 mm	***From inside edge of faceplate / doors
B: Ceiling	60" / 1524 mm	From base of unit
C: Mantel Height**	15" / 381 mm	From base to mantel bottom
G: Mantel Depth (Max.):**	12" / 305 mm	From wall to mantel front face
K: Min. Alcove Width	54" / 1372 mm	
L: Max. Alcove Depth	36" / 914 mm	From the front of the unit.

**Note: For complete detailed mantel clearances with and without mantel deflector, see next page.

NOTES

- *An optional 2-1/2" (64 mm) mantel deflector reduces the mantel height to 10" (254 mm) from the top of the unit @ 9" (229 mm) depth.
- (J): ***Measured from the inside edge of the faceplate/doors - reference only: 27-3/4" (705 mm)

Mantel Clearances Without Mantel Deflector

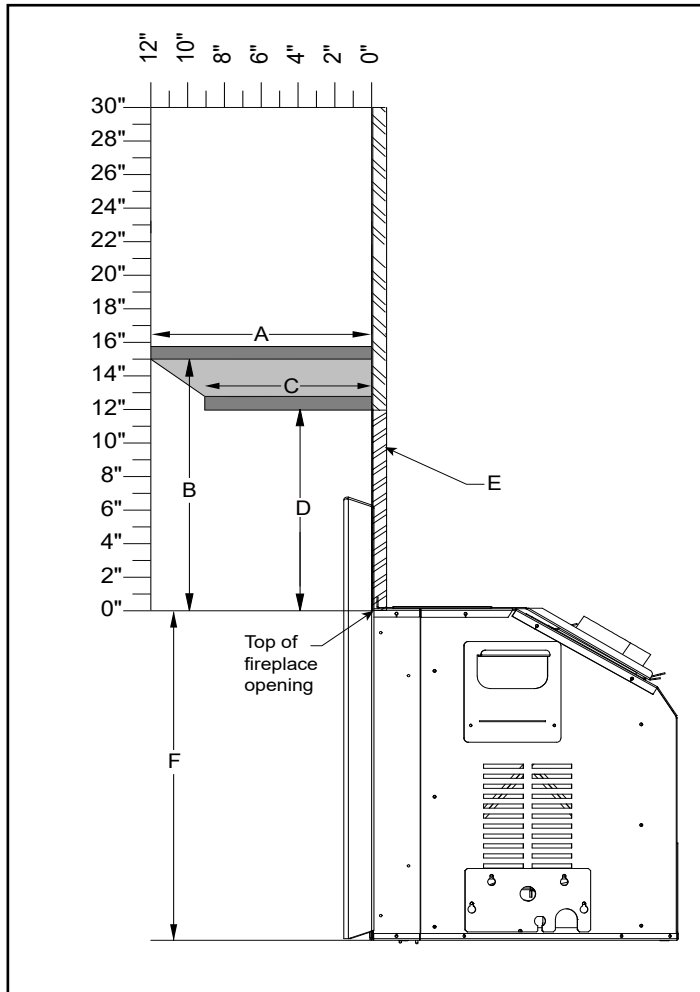


Diagram 1

A	12" (305 mm)
B	15" (381 mm)
C	9" (229 mm)

D	12" (305 mm)
E	Non Combustible Materials
F	18" (457 mm) to base of unit

Mantel Clearances With 2-1/2" (64 mm) Mantel Deflector

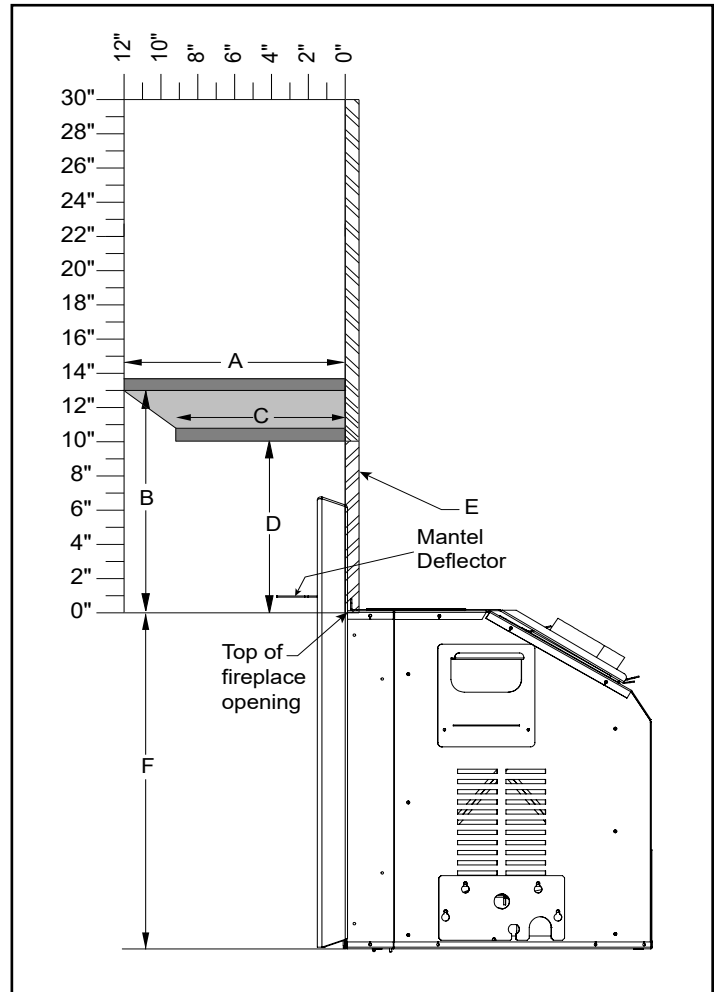


Diagram 2

A	12" (305 mm)
B	13" (330 mm)
C	9" (229 mm)

D	10" (254 mm)
E	Non Combustible
F	18" (457 mm) to base of unit

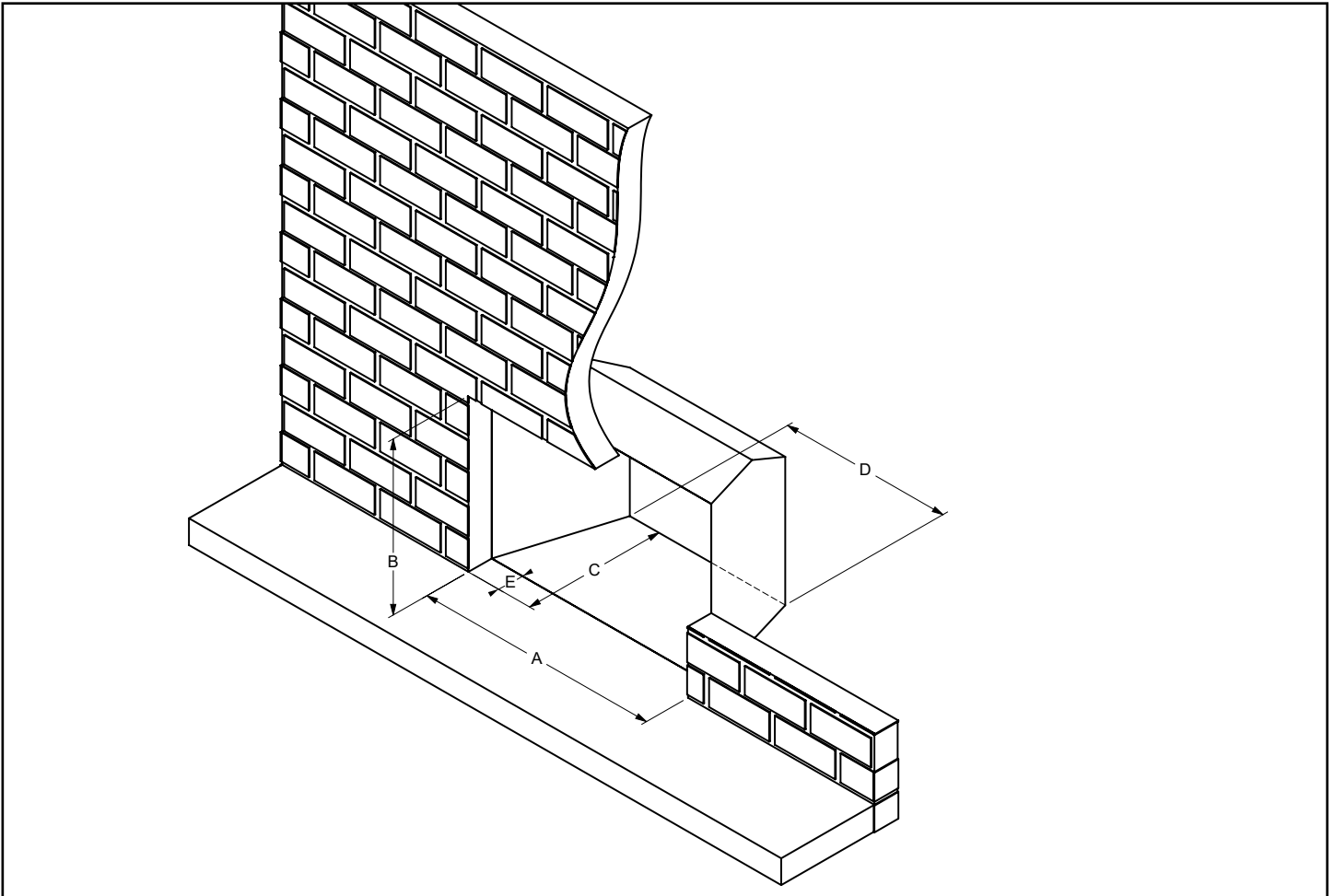
WARNING

Although this appliance passes safety certification, the hearth in front of the fireplace becomes very hot when the fireplace heats. Do not use the hearth as a seat or shelf.

NOTES

- A 2-1/2" (64 mm) mantel deflector reduces mantel height to 28" (711 mm) from the bottom of the unit at 9" (229 mm) depth.
- A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board. The non-combustible mantel, when installed at a lower overall height, may not be lower than 6" (152 mm) from the top of the fireplace opening.
- All material used must be non-combustible.

Minimum Fireplace Opening Sizes with Varying Faceplate/Backing Plate Options



Faceplate	Dimensions				
	Minimum Install Width (A)	Minimum Install Height (B)	Minimum Install Depth (C)	Minimum Rear Width (D)	Taper Depth (E)
Regular Faceplate	27" (686 mm)	18" (457 mm)	15" (381 mm)	17-1/2" (445 mm)	1-5/8" (42 mm)
Regular Faceplate w/ Backing Plate	29" (737 mm)	19-1/4" (489 mm)	14-7/8" (378 mm)	17-1/2" (445 mm)	3-1/8" (80 mm)
Regular Faceplate w/ Premium Surround	27" (686 mm)	18" (457 mm)	15" (381 mm)	17-1/2" (445 mm)	1-1/2" (38 mm)
Regular Faceplate w/ Premium Surround and Backing Plate	29" (737 mm)	19-1/4" (489 mm)	14-7/8" (378 mm)	17-1/2" (445 mm)	1-3/8" (35 mm)
Flush Faceplate	28-1/2" (724 mm)	19" (483 mm)	16-1/4" (413 mm)	17-1/2" (445 mm)	2-5/8" (67 mm)
Flush Faceplate w/Traditional Surround	27" (686 mm)	18" (457 mm)	14-1/4" (362 mm)	17-1/2" (445 mm)	3/4" (19 mm)
Flush Faceplate w/Traditional Surround and Backing Plate	29" (737 mm)	19-1/4" (489 mm)	14-1/8" (359 mm)	17-1/2" (445 mm)	5/8" (16 mm)
Flush Faceplate w/ Backing Plate	29" (737 mm)	19-1/4" (489 mm)	16-1/8" (410 mm)	17-1/2" (445 mm)	4-3/8" (111 mm)
4-Sided Flush Faceplate	28-1/2" (724 mm)	19-1/4" (489 mm)	16-1/4" (413 mm)	17-1/2" (445 mm)	2-5/8" (67 mm)
Finishing Trim	28-1/2" (724 mm)	19" (483 mm)	16-1/4" (413 mm)	17-1/2" (445 mm)	2-5/8" (67 mm)
Finishing Trim w/ Backing Plate	29" (737 mm)	19-1/4" (489 mm)	16-1/8" (410 mm)	17-1/2" (445 mm)	4-1/2" (114 mm)
4-Sided Finishing Trim	28-1/2" (724 mm)	19-1/4" (489 mm)	16-1/4" (413 mm)	17-1/2" (445 mm)	2-5/8" (67 mm)

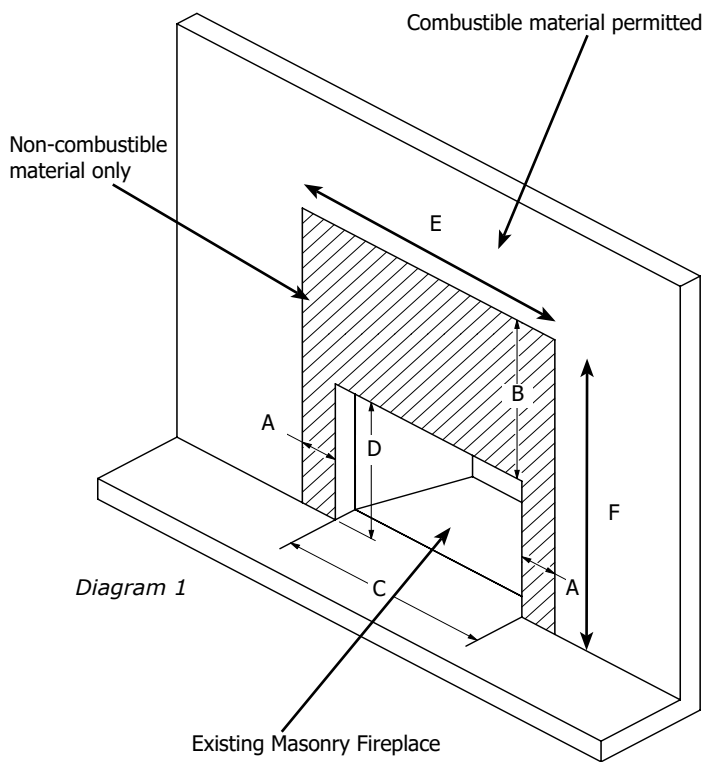
Using Steel Studs and Concrete Board Over Masonry Brick Fireplace

The masonry front brick facing can be removed and replaced with non-combustible materials such as steel studs and concrete board/dura rock/micor board as per diagram 1, only if safe to do so. Steel stud may also be placed in front of the masonry brick if left in place. This is the preferred method depending on the condition of the masonry brick fireplace.

The opening between the front of the masonry firebox and non-combustible materials such as steel studs must be sealed so heat cannot run between the face of the masonry fireplace and the refacing materials. Only finishing materials such as tile, stone, brick, or similar materials that are non-combustible may be used. Use materials that are uniform so that when the unit is positioned, there are no visible gaps on the sides or top of the surround.

IMPORTANT

Opening height, width and depth will vary depending on which Faceplate & Backing plate is used. See Minimum Fireplace Opening Sizes with Varying Faceplate/Backing Plate Options in this manual for details.



DIMENSIONS	
A - Horizontal clearance	8" (203 mm)
B - Vertical clearance	20" (508 mm)
C - Opening Width*	28" min. (711 mm)
D - Opening Height*	18-3/4" min. (476 mm)
E - Minimum Total Width	44" (1118 mm)
F - Minimum Total Height	38-3/4" (984 mm)

Combustible Facing Over
Combustible Framing



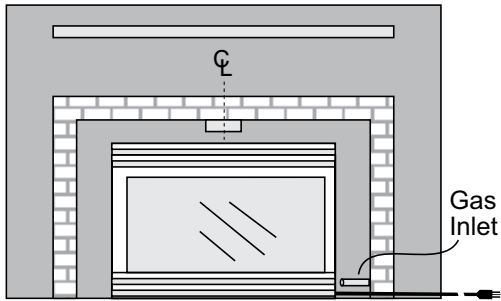
Non-Combustible Facing Over
Non-Combustible Framing



Gas Connection

WARNING Only people licensed to work with gas piping may make the gas connections to this appliance.

1. If the appliance is installed into an existing chimney system, thoroughly clean the masonry or factory-built fireplace.
2. The appliance has an opening on the right side of the control compartment. A 3/8" NPT gas supply pipe must be brought near the opening.
3. Locate the centre point where the vent will pass through the chimney, above the appliance. Move the appliance to the installation location. Ensure that the insert is level.
4. Do not cut any sheet metal parts of the fireplace into which the gas insert will be installed.
5. If the factory-built fireplace has no gas access hole(s), drill one of 1-1/2" (37-1/2 mm) or less through the lower sides or bottom of the firebox. The access hole must be plugged with non-combustible insulation after the gas supply line is installed.



Vertical Venting

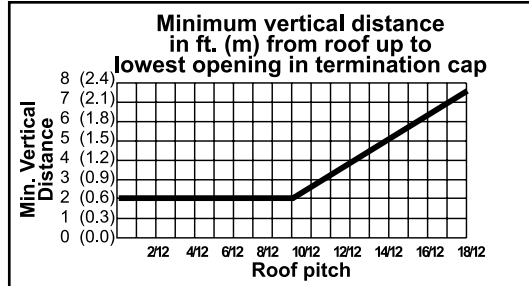
THE APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.

This appliance is designed to attach to two 3" (76 mm) co-linear aluminum flex running the full length of the chimney. The flue length must be a minimum of 8' (2.44 m) (Depending on the installation and type of termination cap used, the minimum height requirement may be higher so see full details in this manual) and a maximum of 35' (10.7 m) long. See the chart for minimum distances from the roof. Periodically check that the vent is unrestricted.

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

Attach both the exhaust and intake flue liners to both the termination cap & flue collar at the appliance with a minimum of three self-tapping screws. Use Mil-Pac sealant to seal the pipes.

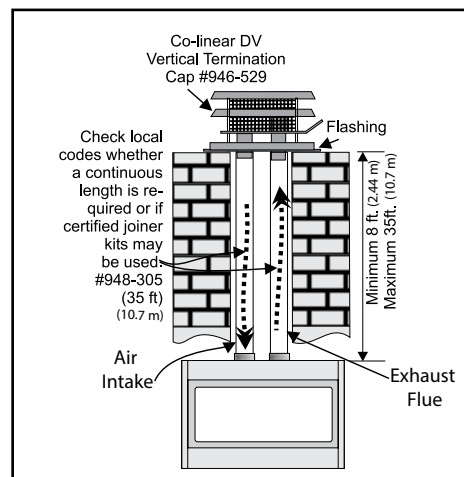
The air intake pipe must be attached to the inlet air collar of the termination cap.



IMPORTANT This appliance was tested and certified as a complete system with the noted termination caps and flex liner. Only the listed termination caps/flex liner noted below can be used. Use of termination caps or flex liners not listed in this manual will void the warranty and certification of this appliance. It is also important not to enclose the termination cap inside a masonry chimney rain cap, or similar. The termination must be exposed on all four sides and above to exhaust and draw air into the firebox. There is an exception as the 946-529 Co-linear DV Vertical Termination Cap may be enclosed inside of a masonry chimney rain cap as long as it meets the requirement. See full details in this instruction manual.

Part #	Description
948-305	3" Flex - 35 ft.
946-529	Co-linear DV Vertical Termination Cap

NOTES When attaching the two 3 inch (76 mm) liners to the termination cap and prior to sliding them down the chimney, it is good practice to mark the liners "exhaust" & "air intake". This prevents mixing up the liners at the flue collar connection of the appliance. If facing the appliance from the front, the air intake is located on the left and the exhaust flue on the right.



Alternate Approved Vertical Termination Caps/Adaptor

Alternate Approved Caps

46DVA-VCH Vertical High Wind Cap

AND

46DVA-GK 3" Co-linear Adaptor with flashing

Note: Both Air Inlet/Exhaust Liners would need to be purchased separately as they are not included with this option.

OR

46DVA-CL33 Co-Linear Kit w/Flex

Note : The 46DVA-CL33 includes high wind cap, flashing & 35 foot liners for both exhaust/intake.

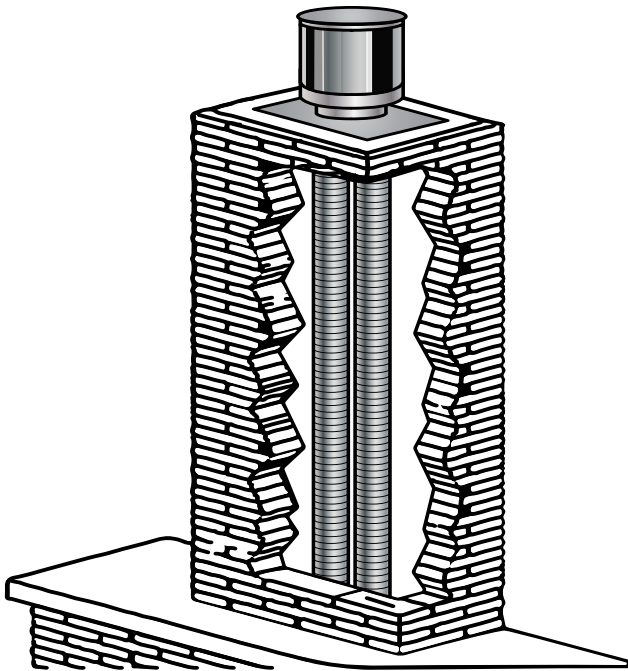
In areas of consistently high winds, we recommend using the Simpson Dura-Vent System 46DVA-GK adaptor and 46DVA-VCH high-wind cap or 46DVA-CL33 Co-Linear Kit w/Flex.

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

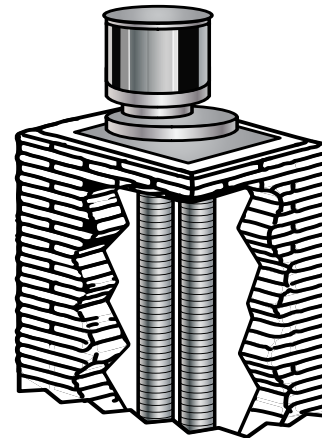
Note: Simpson DuraVent pipe lengths can be added if required to meet clearance requirements.

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

46DVA-CL33: Vertical High Wind Cap



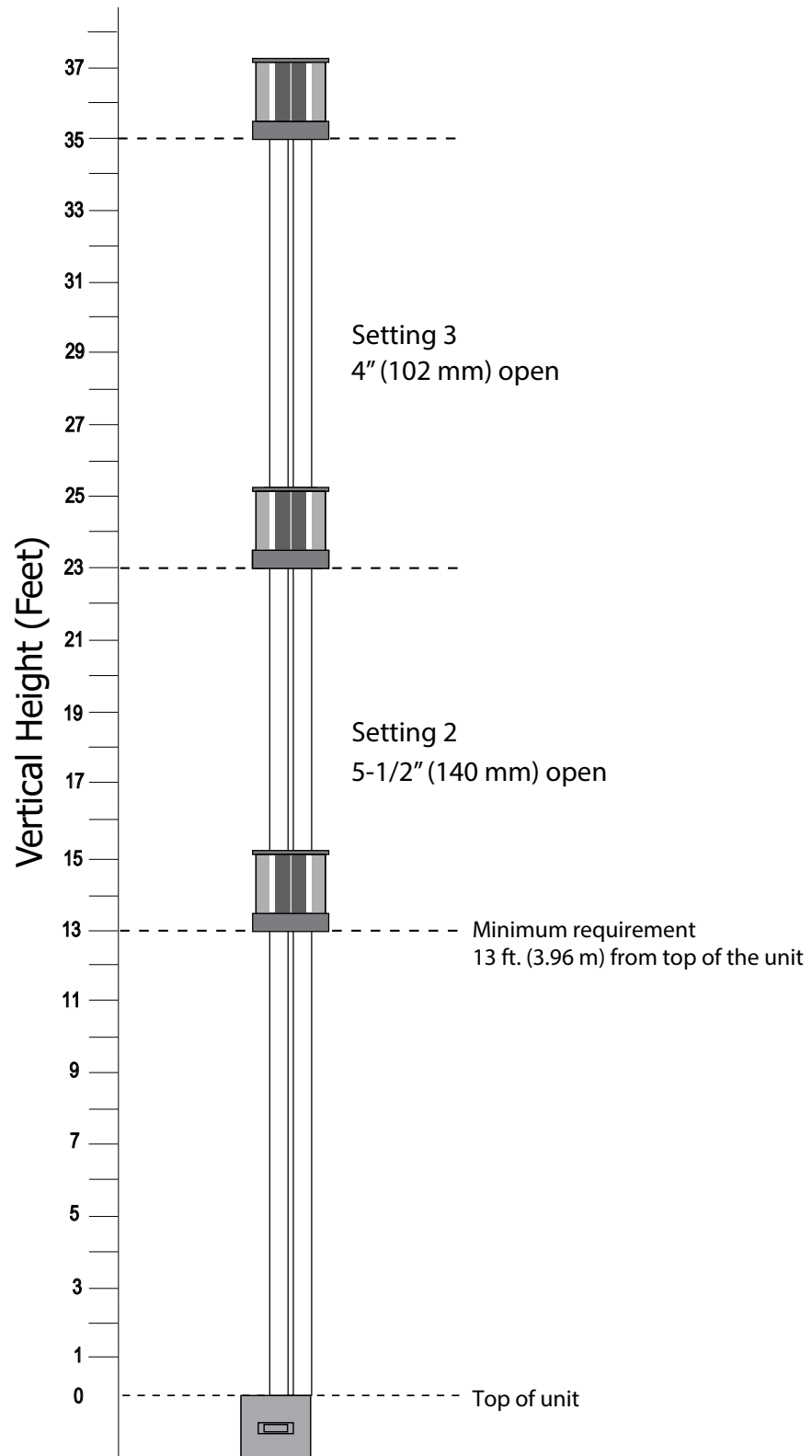
46DVA-VCH: Vertical High Wind Cap
46DVA-GK: 3" Co-linear Adaptor with flashing



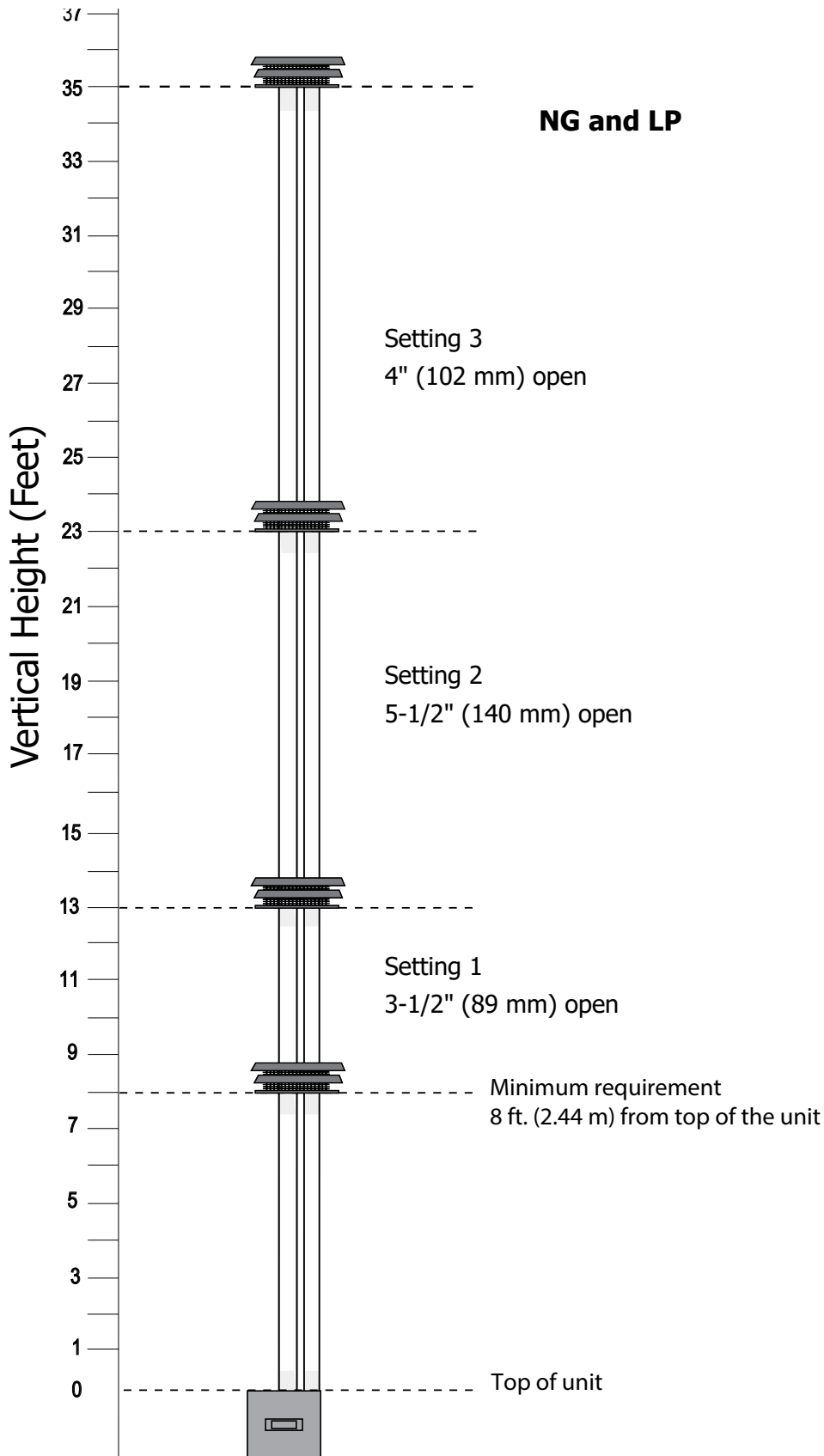
Vertical Venting/Restrictor Settings for Simpson Dura-Vent Termination Caps

When installed with:
 46DVA-CL33 or
 46DVA-GK + 46DVA-VCH + 3" FPI Flex (Exhaust/Air Intake)

NG and LP



Vertical Venting/Restrictor Settings for FPI Co-Linear DV Vertical Termination Cap & Flashing (946-529)

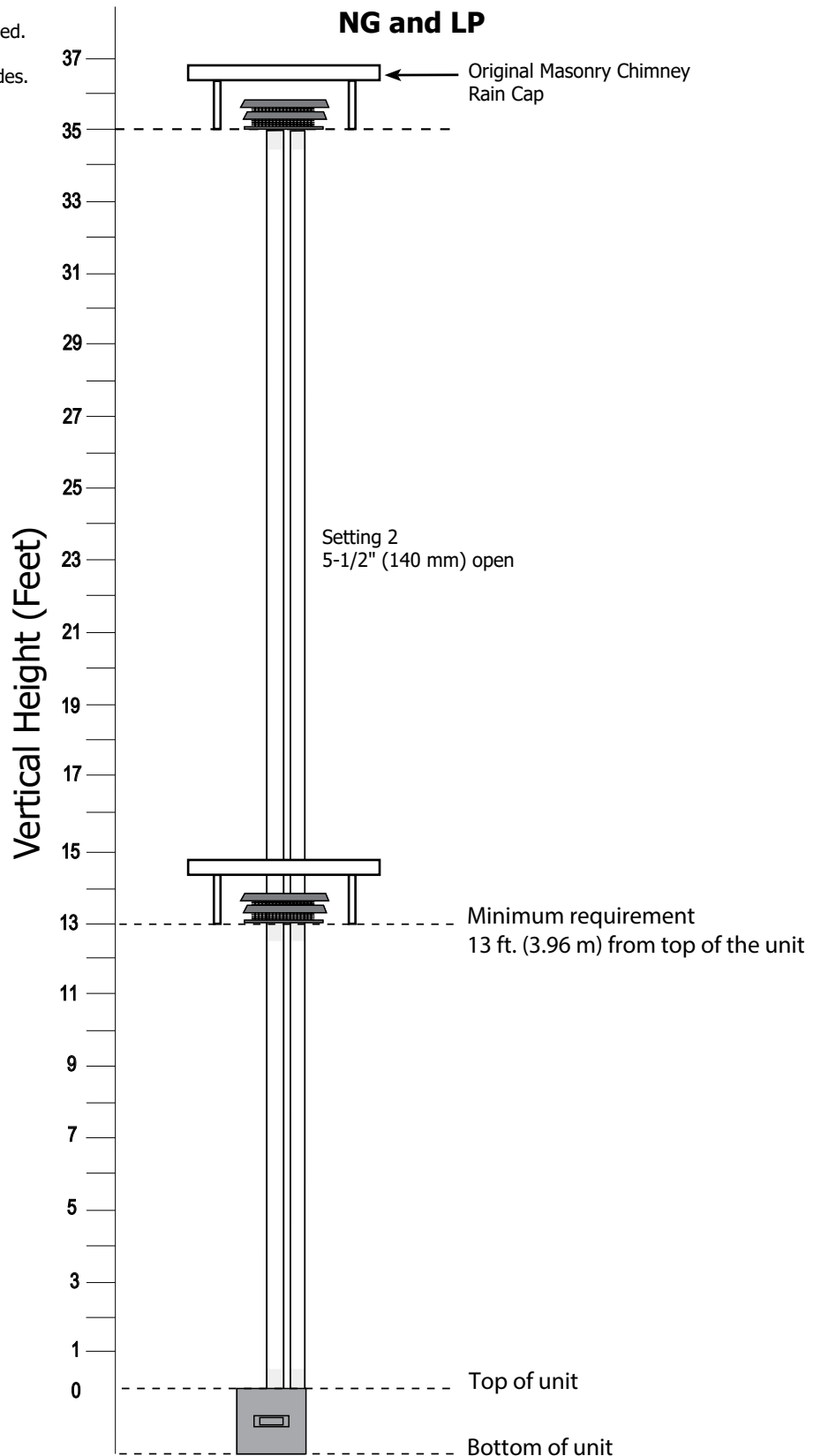


Vertical Venting / Restrictor Settings for FPI Co-Linear DV Vertical Termination Cap & Flashing (946-529) Enclosed

IMPORTANT:

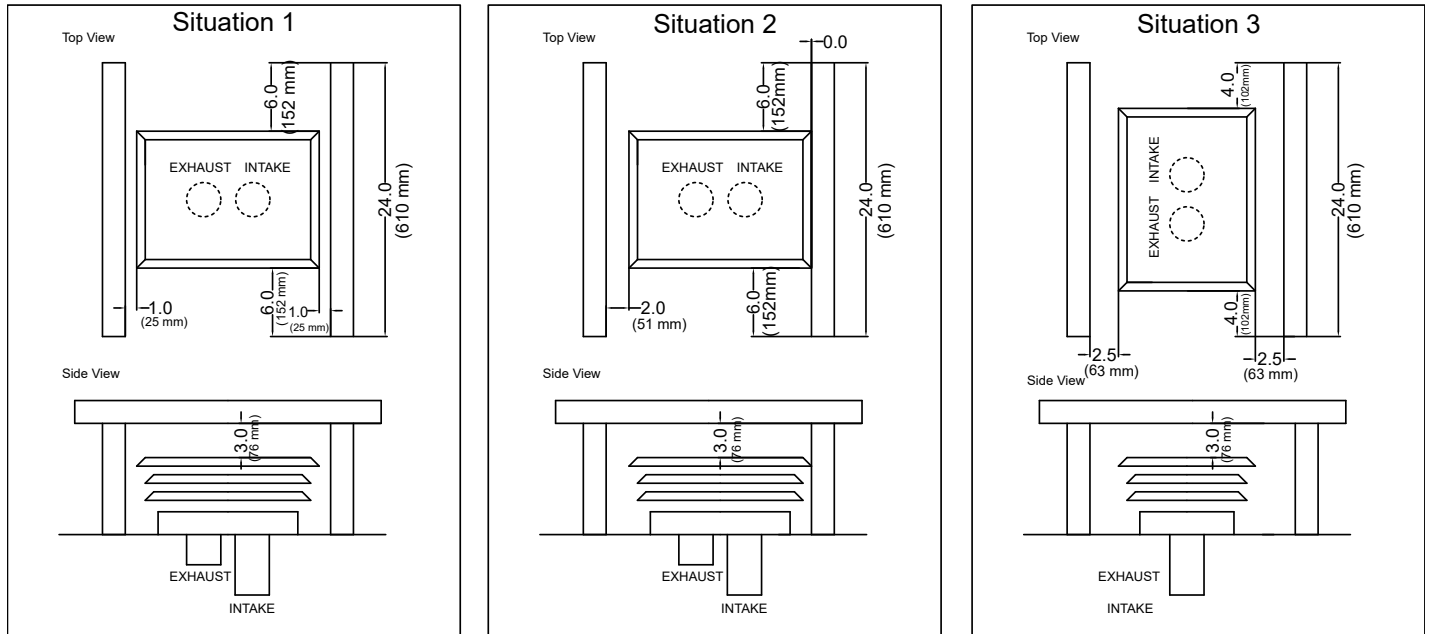
Vent cap clearances to Sides and Top must be followed. See next page for important clearance requirements when termination cap is enclosed above and on 2 sides.

Not approved for use with either the 46DVA-CL33 or 46DVA-GK + 46DVA-VCH Termination Caps/Adaptor



Vertical Venting/Clearance Requirements for FPI Co-Linear DV Vertical Termination Cap & Flashing (946-529) Enclosed

When installed with 46DVA-CL33 or 46DVA-GK + 46DVA-VCH + 3" FPI Flex (Exhaust/Air Intake), the clearances below do not apply, all noted caps must be free and clear of obstructions on all sides.



Note: Restrictor must be set to 5" (127 mm) open, see Restrictor Adjustment.

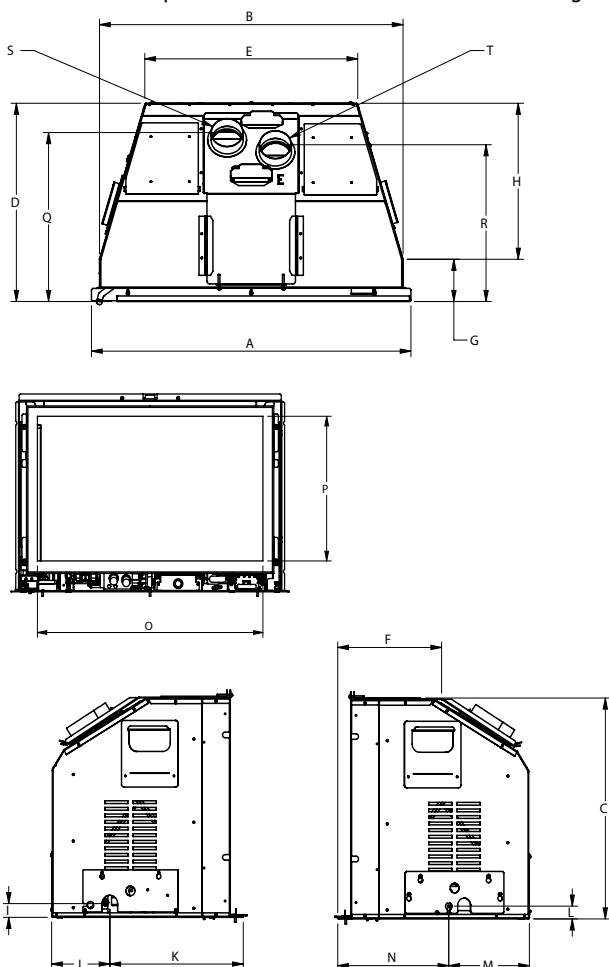
Regency® Gi29L Gas Insert

MODEL	Gi29L-NG	Gi29L-LP
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.74 kPa)
Manifold Pressure - High	3.8" W.C. (0.94 kPa)	10.5" W.C. (2.62 kPa)
Manifold Pressure - Low	1.1" W.C. (0.27 kPa)	2.9" W.C. (0.72 kPa)
Orifice Size -Altitude 0-4500 ft	#38 DMS (0-2000 ft.) #39 DMS (2000 - 4500 ft.)	#52 DMS
Min. Input (0-2000 ft.) Min. Input (2000-4000 ft.)	17,000 Btu/h (4.98 kW) 16,500 Btu/h (4.83 kW)	17,000 Btu/h (4.98 kW)
Maximum Input (0-2000 ft.) Maximum Input (2000-4500 ft.)	31,500 Btu/h (9.22 kW) 30,500 Btu/h (8.93 kW)	31,500 Btu/h (9.22 kW)
Vent Sizing	3" (76 mm) x 3" (76 mm) Co-linear (Standard)	3" (76 mm) x 3" (76 mm) Co-linear (Standard)
CPA P.4.1	63.88%	62.33%



Minimum Fireplace Dimensions

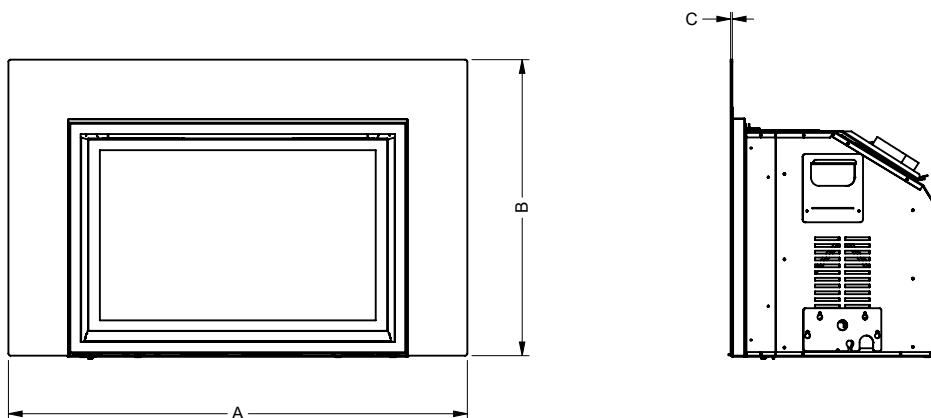
The minimum fireplace clearances and dimensions for the Regency gas insert are shown in the following diagrams.



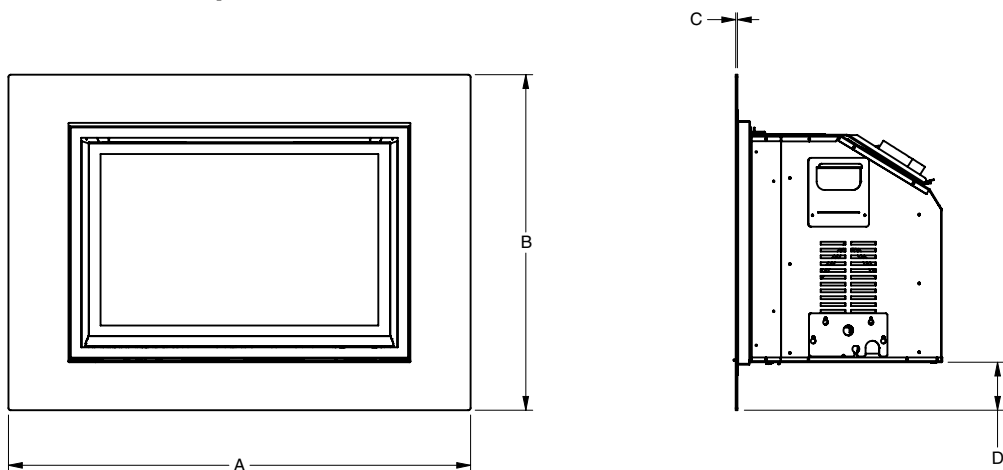
Letter	Description	Dimensions (inches)	Dimensions (mm)
A	Width	29-3/4"	756 mm
B	Outerbox Width	28-5/16"	719 mm
C	Outerbox Height	20-1/4"	514 mm
D	Outerbox Depth	17-7/8"	454 mm
E	Outerbox Rear Width	20"	508 mm
F	Front to Top Taper	8-3/8"	213 mm
G	Front to Side Taper	3-13/16"	97 mm
H	Rear to Side Taper	14-1/16"	357 mm
I	Gas Inlet Height	1-1/4"	32mm
J	Gas Inlet Rear Depth	5-1/2"	140 mm
K	Gas Inlet Front Depth	12-7/16"	316 mm
L	Electrical Access Height	1-1/8"	29 mm
M	Electrical Access Rear Depth	7-1/2"	191 mm
N	Electrical Access Front Depth	10-3/8"	264 mm
O	Glass Viewing Area Width	24-1/8"	613 mm
P	Glass Viewing Area Height	15"	381 mm
Q	Front to Intake	15-1/16"	383 mm
R	Front to Exhaust	14"	356 mm
S	Intake Diameter	3"	76 mm
T	Exhaust Diameter	3"	76 mm

Faceplate Dimensions

Three-Sided Faceplate



Four-Sided Faceplate



Faceplate	Dimensions			
	Width (A)	Height (B)	Depth (C)	Bottom Height (D)
Regular Faceplate	40-3/16" (1021 mm)	26" (660 mm)	1-1/4" (32 mm)	-
Regular Faceplate w/ Premium Surround	40-13/16" (1021 mm)	26-3/8" (670 mm)	1-11/16" (43 mm)	-
Flush Faceplate	40-3/16" (1021 mm)	26" (660 mm)	1/8" (3 mm)	-
Flush Faceplate w/ Traditional Surround	45-3/4" (1162 mm)	28-3/4" (730 mm)	2-1/4" (57 mm)	-
4-Sided Flush Faceplate	40-3/16" (1021 mm)	29-1/4" (743 mm)	1/8" (3 mm)	4-3/16" (106 mm)
Finishing Trim	31-7/8" (810 mm)	21-7/8" (556 mm)	1/16" (2 mm)	-
4-Sided Finishing Trim	31-7/8" (810 mm)	23-1/8" (587 mm)	1/16" (2 mm)	1-1/8" (29 mm)
Oversized Backing Plate	47-1/2" (1207 mm)	31-1/2" (800 mm)	1/8" (3 mm)	-
3-Sided Custom Backing Plate	33-7/8" - 56-7/8" (860 mm - 1445 mm)	22-7/8" - 44-7/8" (581 mm - 1118 mm)	1/8" (3 mm)	-
4-Sided Custom Backing Plate	33-7/8" - 69" (860 mm - 1753 mm)	25-1/8" - 45" (638 mm - 1143 mm)	1/8" (3 mm)	2-1/8" minimum (54 mm min.)

Minimum Clearances to Combustibles

The clearances listed below are minimum distances unless otherwise stated.

A major cause of fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this decorative gas appliance is installed only in accordance with these instructions.

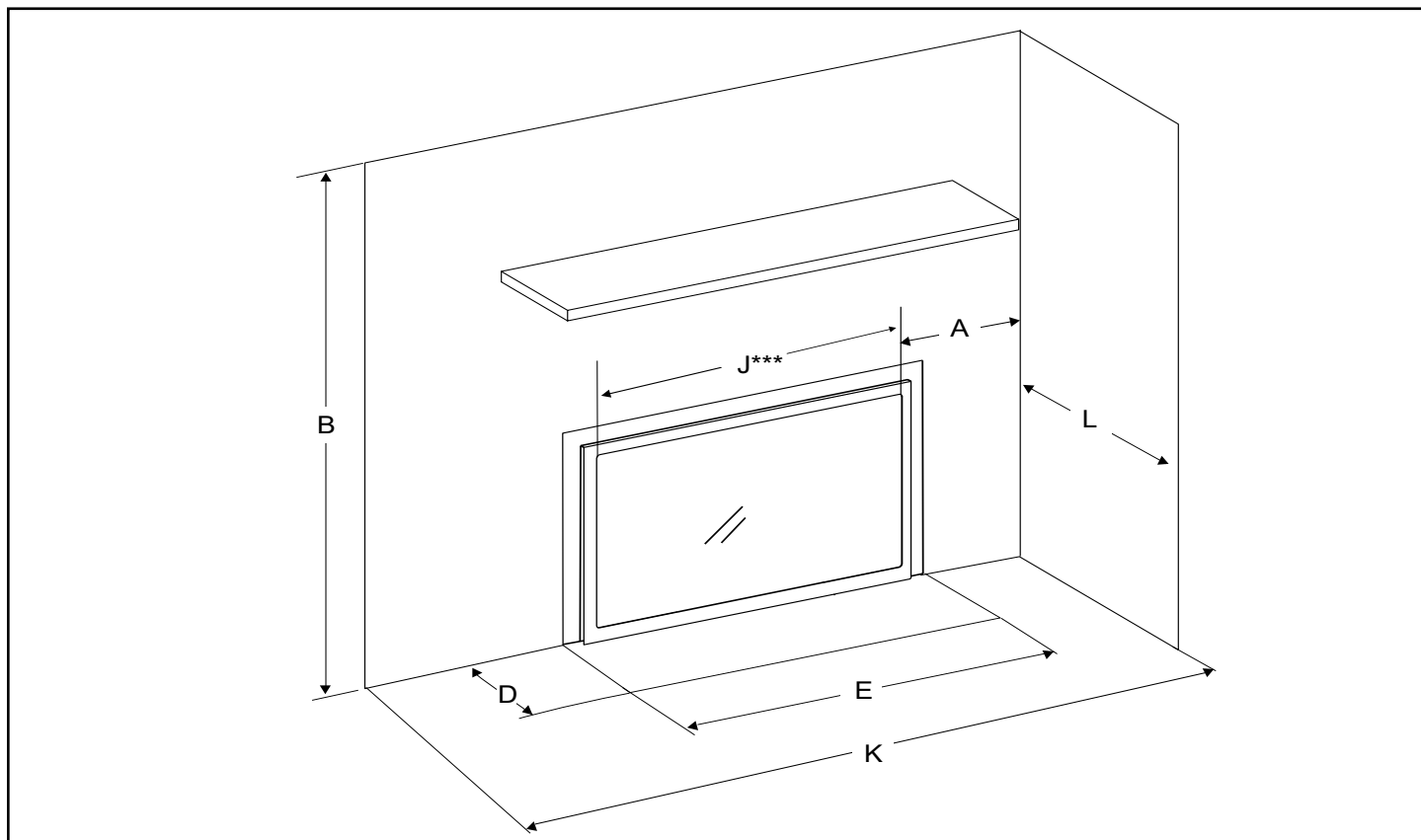


Diagram 1

Clearance:	Dimension	Measured From:
A: Sidewall	8" / 203 mm	***From inside edge of faceplate / doors
B: Ceiling	63-3/4" / 1873 mm	From base of unit
D: Min. Hearth Depth	12" / 305 mm	Not required if unit raised 3" (76 mm) off the floor.
E: Min. Hearth Length	36"/ 914 mm	Not required if unit raised 3" (76 mm) off the floor.
J***	27-1/4" / 692 mm	inside edge of the faceplate/doors - reference only.
K: Min. Alcove Width	54" / 1372 mm	
L: Max. Alcove Depth	36" / 914 mm	From the front of the unit.
M: Mantel Deflector	2-1/2"/ 89 mm*	

- NOTES**
- A 36" (914 mm) wide x 12" (305 mm) deep, non-combustible hearth is required in front of the appliance unless the unit is raised 3" (76 mm) off the floor.
 - *An optional 2-1/2" (64 mm) mantel deflector reduces the mantel height to 13" (330 mm) from top of the unit @ 1" (25 mm) depth.
 - (J): *** Measurement from the faceplate edge or doors - for reference only: 27-1/4" (692 mm)

Mantel Clearances Without Mantel Deflector

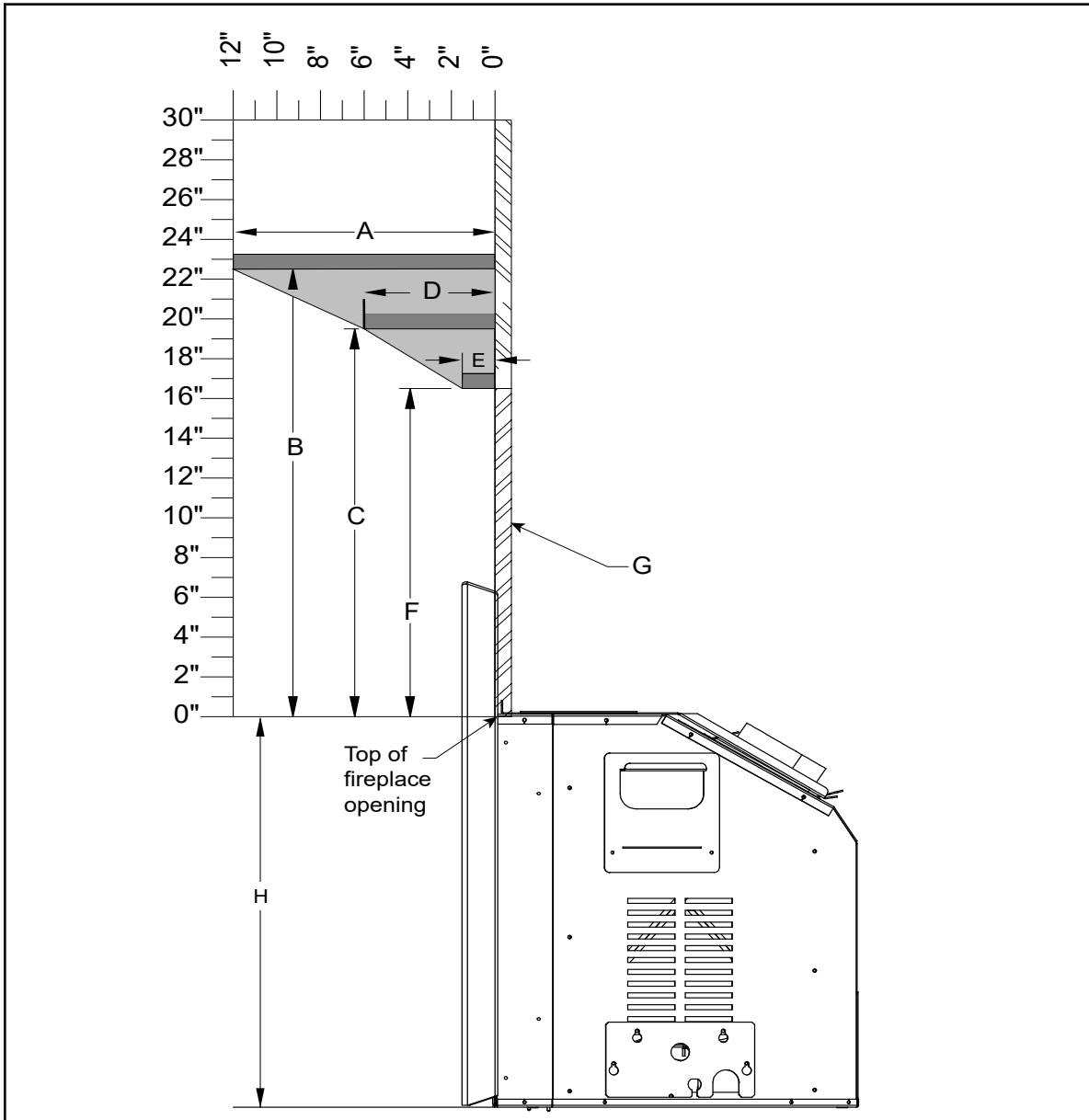


Diagram 2

A	12" (305 mm)	E	1-1/2" (38 mm)
B	22-1/2" (572 mm)	F	16-1/2" (419 mm)
C	19-1/2" (495 mm)	G	Non Combustible Materials
D	6" (152 mm)	H	19-3/4" (451 mm) to base of unit

WARNING

- Although this appliance passes safety certification, the hearth in front of the fireplace becomes very hot when the fireplace heats. Do not use the hearth as a seat or shelf.

Mantel Clearances with 2-1/2" (64 mm) Mantel Deflector

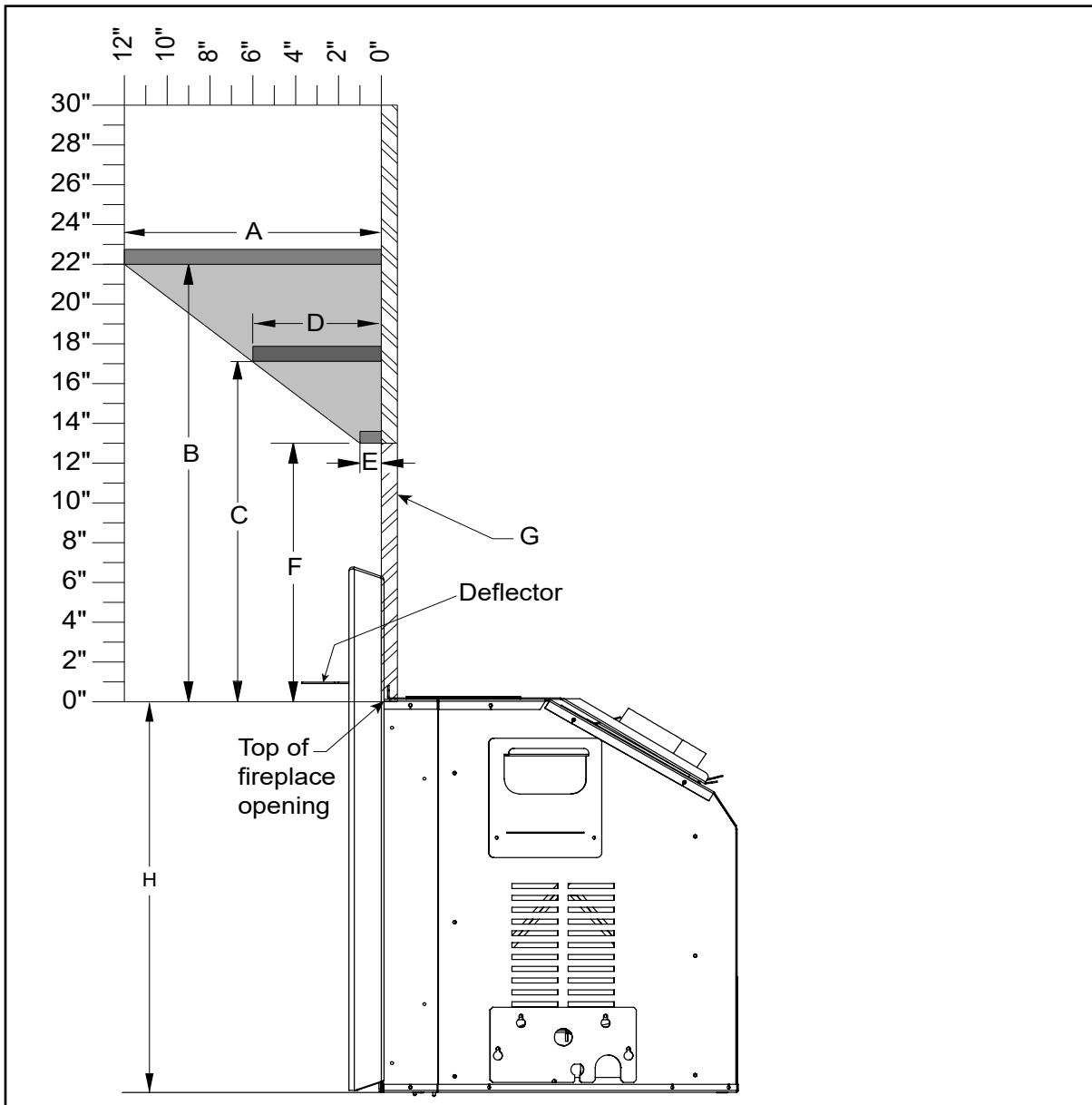


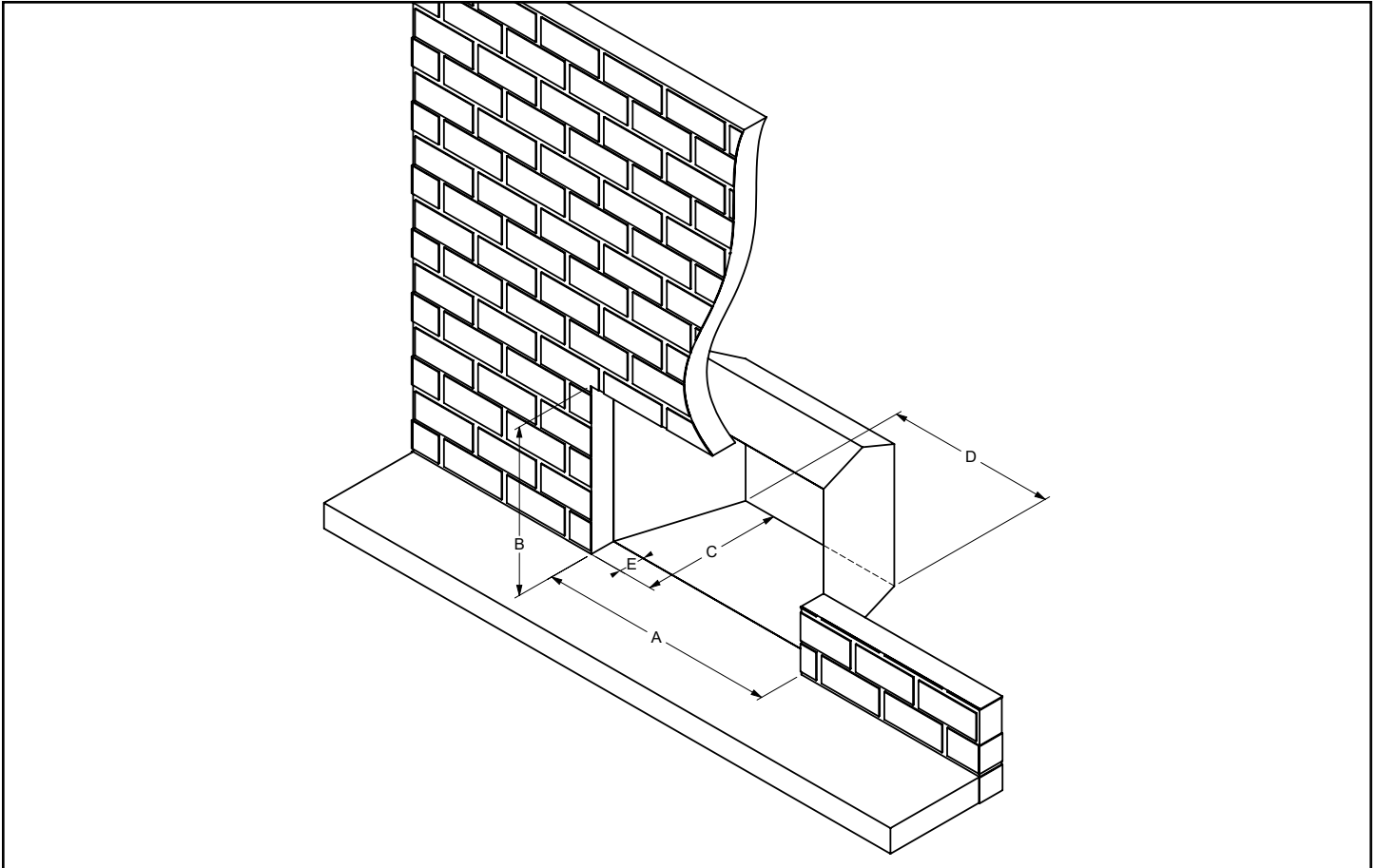
Diagram 3

A	12" (305 mm)	E	1" (25 mm)
B	22" (559 mm)	F	13" (330 mm)
C	17-1/2" (445 mm)	G	Non Combustible
D	6" (152 mm)	H	19-3/4" (451 mm) to base of unit

NOTES

- A 2-1/2" (64 mm) mantel deflector reduces mantel height to 13" (330 mm) from the bottom of the unit at 1" (25 mm) depth.
- A noncombustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board. The noncombustible mantel, when installed at a lower overall height, may not be lower than 6" (152 mm) from the top of the fireplace opening.
- All material used must be non-combustible.

Minimum Fireplace Opening Sizes with Varying Faceplate/Backing Plate Options

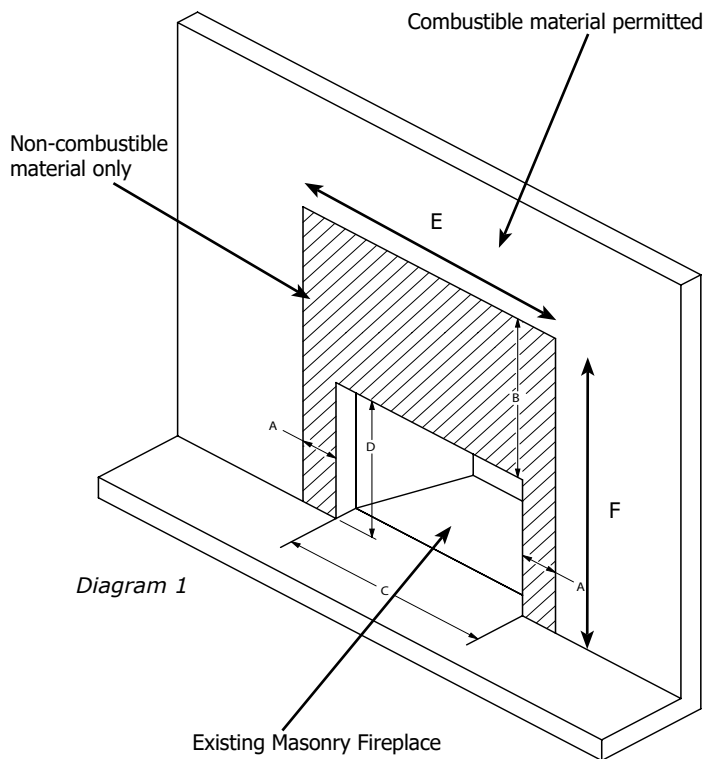


Faceplate	Dimensions				
	Minimum Install Width (A)	Minimum Install Height (B)	Minimum Install Depth (C)	Minimum Rear Width (D)	Taper Depth (E)
Regular Faceplate	28-7/16" (722 mm)	20-1/4" (514 mm)	16-11/16" (424 mm)	20" (508 mm)	2-13/16" (71 mm)
Regular Faceplate w/ Backing Plate	30-7/8" (784 mm)	21-7/16" (545 mm)	16-3/4" (425 mm)	20" (508 mm)	2-11/16" (68 mm)
Regular Faceplate w/ Premium Surround	28-7/16" (722 mm)	20-1/4" (514 mm)	16-5/8" (422 mm)	20" (508 mm)	2-9/16" (65 mm)
Regular Faceplate w/ Premium Surround and Backing Plate	30-7/8" (784 mm)	21-7/16" (545 mm)	16-1/2" (419 mm)	20" (508 mm)	2-7/16" (62 mm)
Flush Faceplate	30" (762 mm)	21-1/16" (535 mm)	17-15/16" (456 mm)	20" (508 mm)	3-7/8" (98 mm)
Flush Faceplate w/ Backing Plate	30-7/8" (784 mm)	21-7/16" (545 mm)	17-13/16" (452 mm)	20" (508 mm)	3-3/4" (95 mm)
Flush Faceplate w/ Traditional Surround	28-7/16" (722 mm)	20-1/4" (514 mm)	15-15/16" (405 mm)	20" (508 mm)	1-7/8" (48 mm)
Flush Faceplate w/ Traditional Surround and Backing Plate	30-7/8" (784 mm)	21-7/16" (545 mm)	15-13/16" (402 mm)	20" (508 mm)	1-3/4" (45 mm)
4-Sided Flush Faceplate	30" (762 mm)	21-5/16" (541 mm)	17-15/16" (456 mm)	20" (508 mm)	3-7/8" (98 mm)
Finishing Trim	30" (762 mm)	21-1/16" (535 mm)	18" (457mm)	20" (508 mm)	3-15/16" (100 mm)
Finishing Trim w/ Backing Plate	30-7/8" (784 mm)	21-7/16" (545 mm)	17-7/8" (454 mm)	20" (508 mm)	3-7/8" (98 mm)
4-Sided Finishing Trim	30" (762 mm)	21-5/16" (541 mm)	18" (457 mm)	20" (508 mm)	3-15/16" (100 mm)


Using Steel Studs and Concrete Board Over Masonry Brick Fireplace


The masonry front brick facing can be removed and replaced with non-combustible materials such as steel studs and concrete board/durarock/micor board as per diagram 1, only if safe to do so. Steel stud may also be placed in front of the masonry brick if left in place. This is the preferred method depending on the condition of the masonry brick fireplace.

The opening between the front of the masonry firebox and non-combustible materials such as steel studs must be sealed so heat cannot run between the face of the wood fireplace and the refacing materials. Only finishing materials such as tile, stone, brick, or similar materials that are non-combustible may be used. Use materials that are uniform so that when the unit is positioned, there are no visible gaps on the sides or top of the surround.



DIMENSIONS	
A - Horizontal clearance	8" (203 mm)
B - Vertical clearance	23" (584 mm)
C - Opening Width	30-1/4" min. (768 mm)
D - Opening Height	21-1/2" min. (546 mm)
E - Minimum Total Width	46-1/4" (1175 mm)
F - Minimum Total Height	41-3/4" (1060 mm)

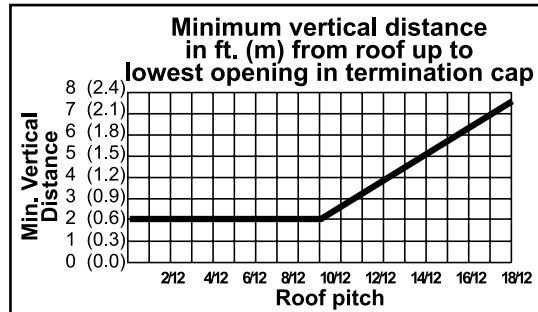
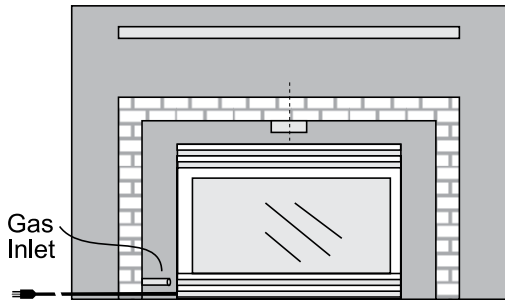
Combustible Facing Over Combustible Framing 

Non-Combustible Facing Over Non-Combustible Framing 

Gas Connection

WARNING • Only persons licensed to work with gas piping may make the gas connections to this appliance.

1. If the appliance is installed into an existing chimney system, thoroughly clean the masonry or factory-built fireplace.
2. The appliance has an opening on the left side of the control compartment. A 3/8" NPT gas supply pipe must be brought near the opening.
3. Locate the centerpoint where the vent will pass through the chimney, above the appliance. Move the appliance to the installation location. Ensure that the insert is level.
4. Do not cut any sheetmetal parts of the fireplace into which the gas insert will be installed.
5. If the factory-built fireplace has no gas access hole(s), drill one of 1-1/2" (37-1/2 mm) or less through the lower sides or bottom of the firebox. The access hole must be plugged with non-combustible insulation after the gas supply line is installed.



IMPORTANT • This appliance was tested and certified as a complete system with the noted termination caps and flex liner. Only the listed termination caps/ flex liner noted below can be used. Use of termination caps or flex liners not listed in this manual will void the warranty and certification of this appliance. It is also important not to enclose the termination cap inside of a masonry chimney rain cap, or similar. The termination must be exposed on all four sides and above to exhaust and draw air into the firebox.

Part #	Description
948-305	3" Flex - 35 ft.
946-529	Co-linear DV Vertical Termination Cap

NOTES • When attaching the two 3 inch (51-76 mm) liners to the termination cap and prior to sliding them down the chimney, it is good practice to mark the liners "exhaust" & "air intake". This prevents mixing up the liners at the flue collar connection of the appliance. If facing the appliance from the front, the air intake is located on the left and the exhaust flue on the right.

Vertical Venting

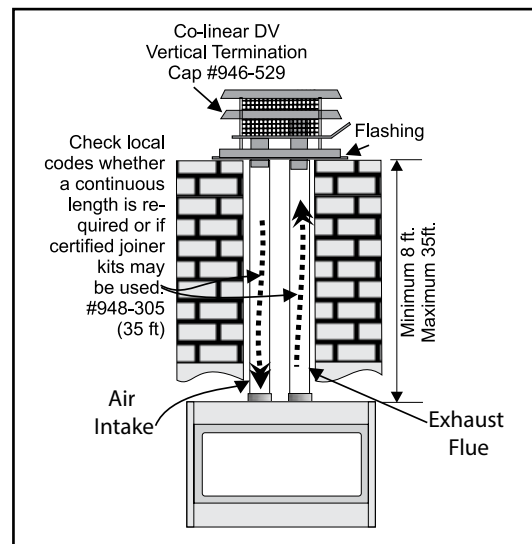
THE APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.

This appliance is designed to attach to two 3" (76 mm) co-linear aluminium flex running the full length of the chimney. The flue length must be a minimum of 8' (2.44 m) and a maximum of 35' (10.7 m) long. See the chart below for minimum distances from the roof. Periodically check that the vent is unrestricted.

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

Attach both the exhaust and intake flue liners to both the termination cap & flue collar at the appliance with a minimum of three self-tapping screws. Use Mil-Pac sealant to seal the pipes.

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



Gas & Electrical Connections

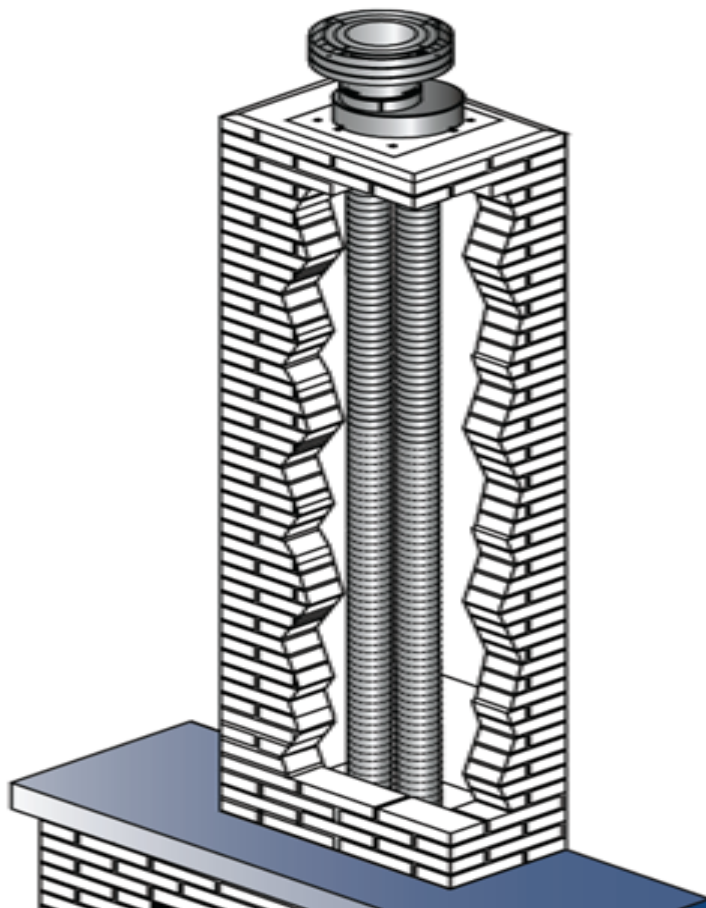
Alternate Approved Vertical Termination Caps/Adaptor

Alternate Approved Caps

46DVA-VC Vertical Termination Cap
OR
46DVA-VCH High Wind Cap
AND
46DVA-GK 3" Co-linear Adaptor with flashing

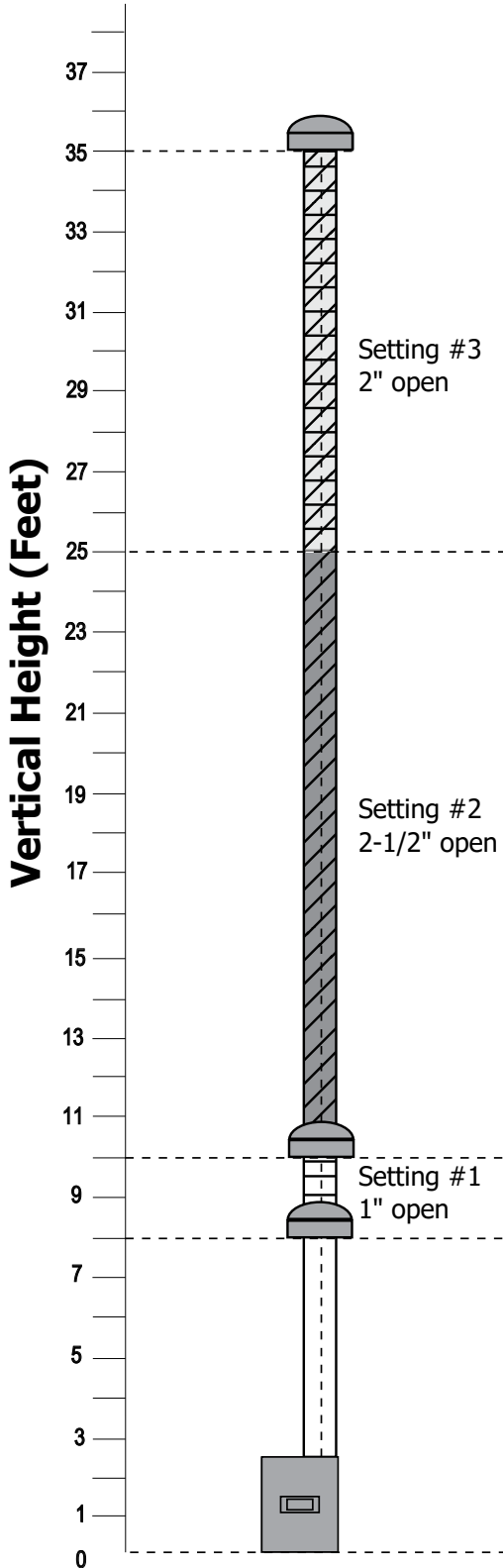
In areas with consistently high winds, we recommend using the Simpson Dura-Vent System (46DVA-GK adapter and 46DVA-VCH high-wind cap).

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

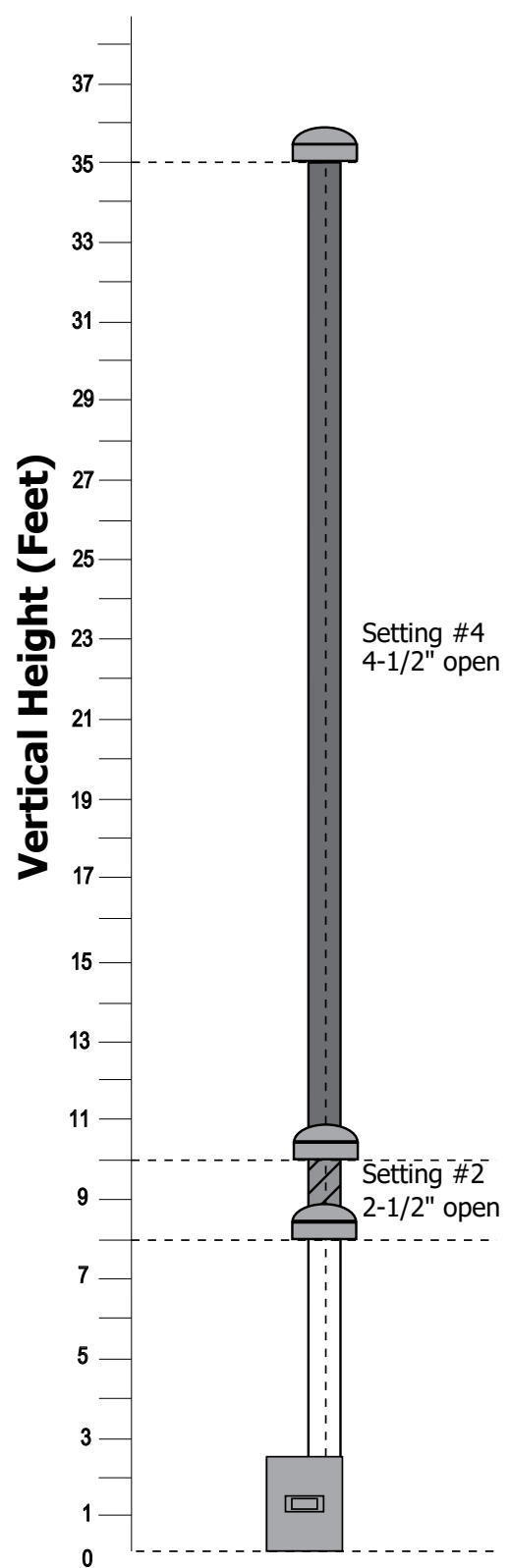


Vertical Venting / Restrictor Settings for NG and LP

NG



LP



Horizontal Co-Linear Vent Kit (Masonry Fireplaces Only)

APPLICATION

This instruction applies to the DuraVent DirectVent Pro termination system and is intended as a supplement to the applicable DirectVent Pro instructions. This termination and venting system and the gas appliance were tested and listed by an accredited test agency.

Kit # 46DVA-HCL33 includes:

1 Horizontal Termination Cap

2 x 10' (3 m) long x 3" (76 mm) round liners and hardware.

The 948-128 Mil-Pac sealant must be purchased separately.

NOTE The intake and the exhaust are 3" (76 mm).

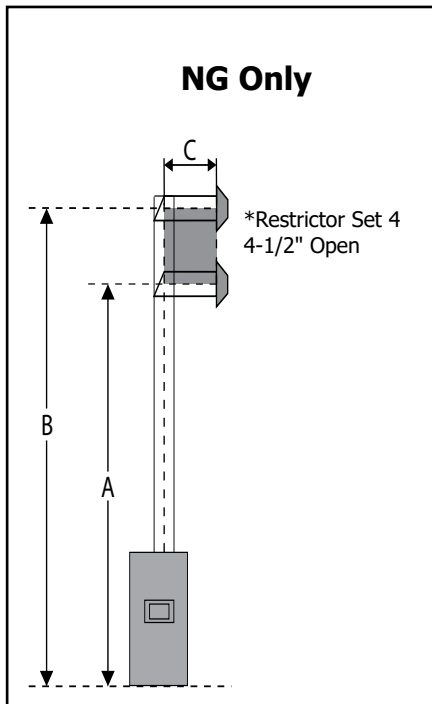
INSTALL INFORMATION

The flue damper must be fully blocked open or removed if safe to do so for installation of the unit. The smoke shelves, shields, and baffles may be removed if attached by mechanical fasteners. Ensure the fireplace and chimney are clean and in good working order, and that all chimney cleanouts are tight-fitting and not permitting air into the chimney. Install a sealed vent cap and metal flashing at the top of the masonry chimney to prevent leaks and air movement within the cavity. A vent restrictor is not required when terminating horizontally, as shown below.

This appliance is only certified for use with NG when terminating horizontally (LP is not permitted). Make the hole on the outer portion of the masonry fireplace by boring it or removing bricks. Ensure that the masonry structure is safe and brick can be removed without damage to the chimney prior to proceeding. Minimum and maximum vent heights are noted below.

For complete instructions follow this link:

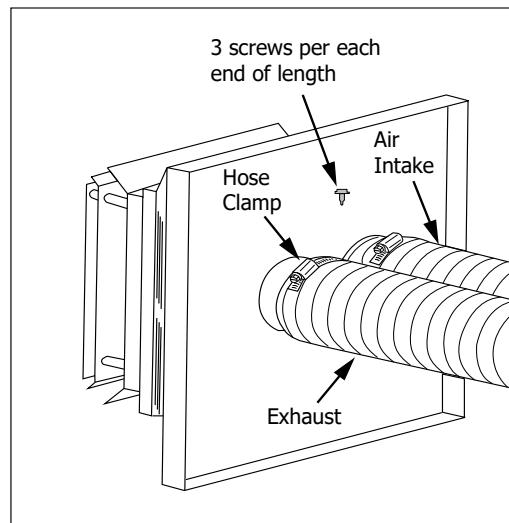
https://duravent.com/wp-content/uploads/2020/06/L954-SUP_820018997-DirectVent-Pro-Horizontal-Vent-Kit_03-20-20_V1.pdf [duravent.com]



DIMENSIONS	
A - Min. Height	9 ft. (2.7 m)
B - Max. Height	10 ft. (3 m)
C - Max. Horizontal	18" (457 mm)

*See page 17 for instructions on setting the restrictor.

NOTE The exhaust is located on the left side and the air intake on the right when facing the back of the termination as shown below. Seal the 3" (76 mm) flex with Mil-Pac, purchased separately.



Installers must mechanically attach the supplied label to the inside of the firebox of the fireplace into which the gas fireplace insert is installed.

NOTE This fireplace has been converted for use with a gas fireplace insert only. It cannot be used for burning wood or solid fuels unless all original parts are replaced and the fireplace re-approved by the authority having jurisdiction.

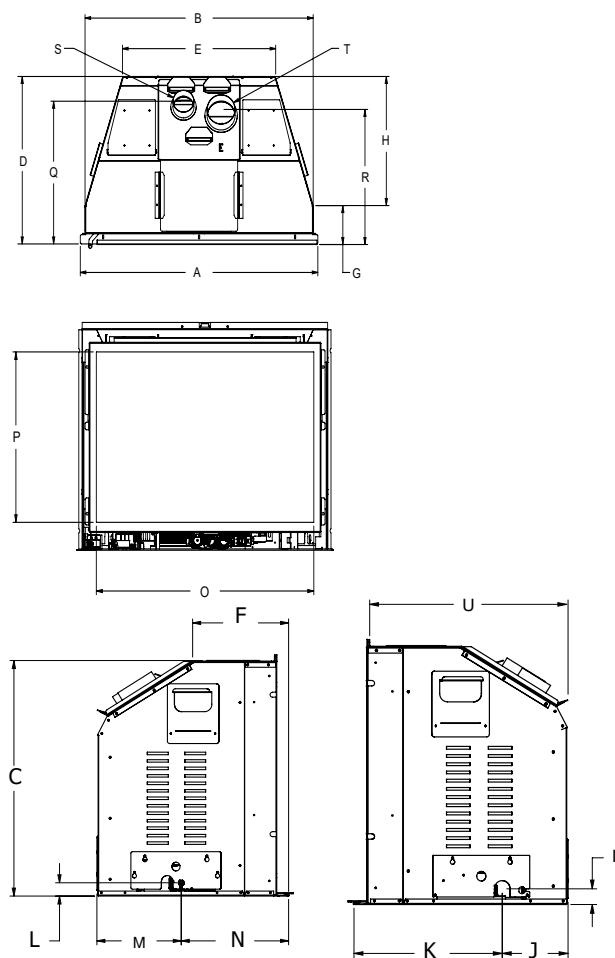
Regency® Gi33LE Gas Insert

MODEL	Gi33LE-NG	Gi33LE-LP
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.74 kPa)
Manifold Pressure - High	3.8" W.C. (0.94 kPa)	10.5" W.C. (2.62 kPa)
Manifold Pressure - Low	1.1" W.C. (0.27 kPa)	2.9" W.C. (0.72 kPa)
Orifice Size -Altitude 0-4500 ft	#33 DMS	#50 DMS
Minimum Input (0-4500 ft.)	20,500 Btu/h (6.01 kW)	20,000 Btu/h (5.86 kW)
Maximum Input (0-4500 ft.)	38,500 Btu/h (11.28 kW)	36,500 Btu/h (10.7 kW)
Vent Sizing	3"x 4" Co-linear	3"x 4" Co-linear
CSA P.4.1 Fireplace Efficiency (FE)	64.30%	64.32%



Fireplace Dimensions

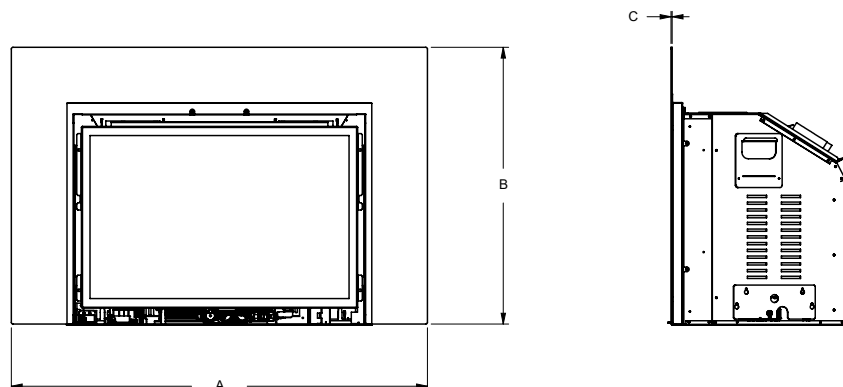
The minimum fireplace clearances and dimensions for the Regency gas insert are shown in the following diagrams:



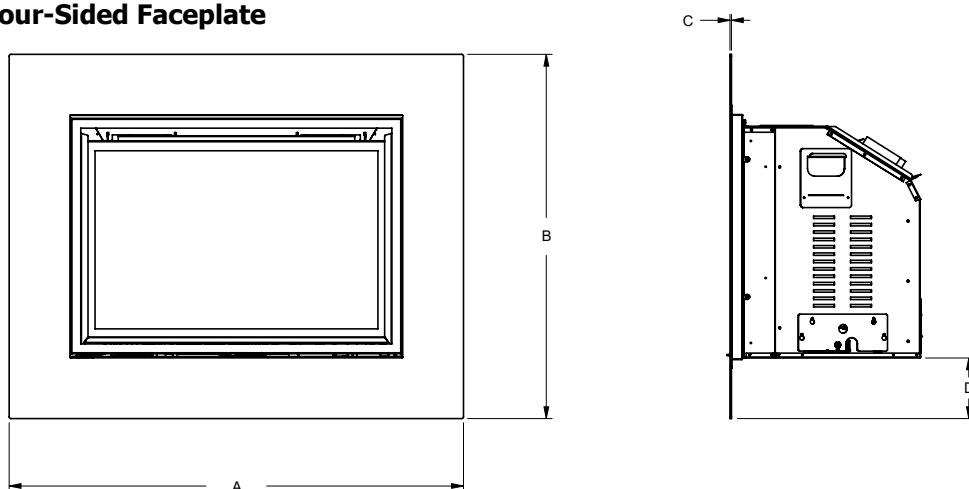
Letter	Description	Dimensions (inches)	Dimensions (mm)
A	Width	33-7/8"	860 mm
B	Outerbox Width	32-1/2"	826 mm
C	Outerbox Height	23-5/8"	601 mm
D	Outerbox Depth	19-1/4"	489 mm
E	Outerbox Rear Width	21-7/8"	555 mm
F	Front to Top Taper	9-5/8"	245 mm
G	Front to Side Taper	4-1/2"	114 mm
H	Rear to Side Taper	14-13/16"	377 mm
I	Gas Inlet Height	1-7/16"	36 mm
J	Gas Inlet Rear Depth	5-15/16"	150 mm
K	Gas Inlet Front Depth	13-5/16"	338 mm
L	Electrical Access Height	1-5/16"	34 mm
M	Electrical Access Rear Depth	8-7/16"	215 mm
N	Electrical Access Front Depth	10-3/4"	274 mm
O	Glass Viewing Area Width	28-11/16"	729 mm
P	Glass Viewing Area Height	18-1/8"	460 mm
Q	Front to Intake	16-7/16"	417 mm
R	Front to Exhaust	15-1/2"	394 mm
S	Intake Diameter	3"	76 mm
T	Exhaust Diameter	4"	102 mm
U	Depth	18"	457 mm

Faceplate Dimensions

Three-Sided Faceplate



Four-Sided Faceplate



Faceplate	Dimensions			
	Width (A)	Height (B)	Depth (C)	Bottom Height (D)
Regular Faceplate	46-5/16" (1176 mm)	30-7/8" (784 mm)	1-5/16" (33 mm)	-
Regular Faceplate w/ Premium Surround	46-3/4" (1188 mm)	31-1/8" (790 mm)	1-11/16" (43 mm)	-
Flush Faceplate	46-1/8" (1171 mm)	30-3/4" (782 mm)	1/8" (3 mm)	-
Flush Faceplate w/ Traditional Surround	51-5/8" (1311 mm)	30-3/4" (782 mm)	2-3/16" (56 mm)	-
4-Sided Flush Faceplate	46-1/8" (1171 mm)	37-1/16" (942 mm)	1/8" (3 mm)	6" (152 mm)
Finishing Trim	35-15/16" (913 mm)	25-11/16" (652 mm)	1/16" (2 mm)	-
4-Sided Finishing Trim	35-15/16" (913 mm)	26-15/16" (685 mm)	1/16" (2 mm)	1-1/8" (29 mm)
Oversized Backing Plate	50-1/4" (1277 mm)	33" (838 mm)	1/8" (3 mm)	-
3-Sided Custom Backing Plate	38" - 56-7/8" (965 mm - 1445 mm)	26-3/4" - 44-7/8" (680 mm - 1140 mm)	1/8" (3 mm)	-
4-Sided Custom Backing Plate	38" - 69" (965 mm - 1753 mm)	29" - 45" (737 mm - 1143 mm)	1/8" (3 mm)	2-1/8" minimum (54 mm min.)

Minimum Clearances to Combustibles

The clearances listed below are minimum distances unless otherwise stated.

A major cause of fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this decorative gas appliance is installed only in accordance with these instructions.

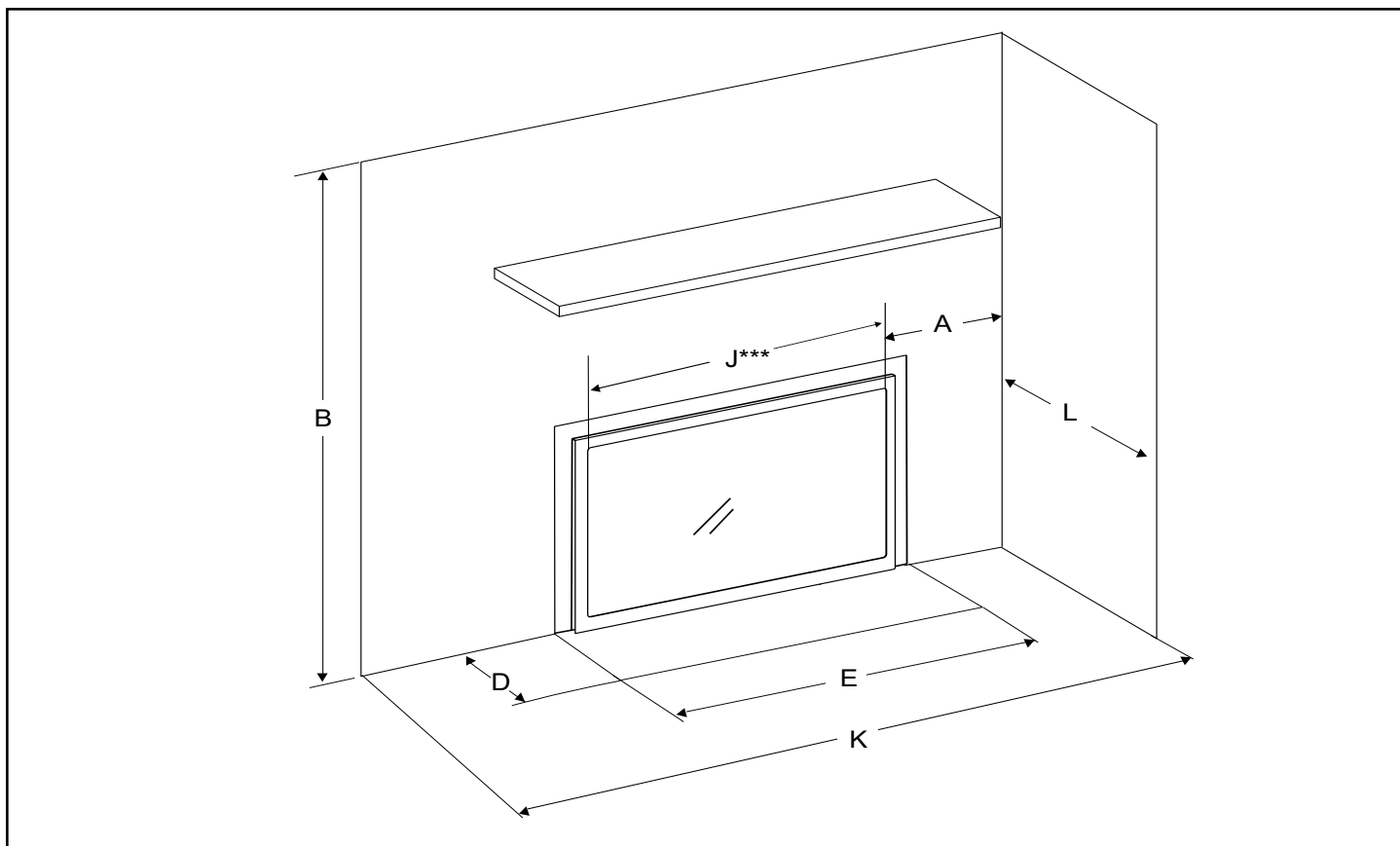


Diagram 1

Clearance	Dimension	Measured From
A: Sidewall	8" / 203 mm	***From inside edge of faceplate / doors
B: Ceiling	60" / 1524 mm	From base of unit
D: Min. Hearth Depth	12" / 305 mm	Not required if unit raised 2" (51 mm) off the floor.
E: Min. Hearth Width	36" / 914 mm	Not required if unit raised 2" (51 mm) off the floor.
K: Min. Alcove Width	56" / 1422 mm	
L: Max. Alcove Depth	36" / 914 mm	From the front of the unit.
M: Mantel Deflector	3-1/2" / 89 mm*	

NOTES

- A 36" (914 mm) wide x 12" (305 mm) deep, non-combustible hearth is required in front of the appliance unless the unit is raised 2" (51 mm) off the floor.
- *An optional 3-1/2" (89 mm) mantel deflector reduces the mantel height to 12.5" (318 mm) from the top of the unit @ 1" (25 mm) depth.
- (J): ***Measured from the inside edge of the faceplate/doors - reference only: 30-1/4" (768 mm)

Mantel Clearances Without Mantel Deflector

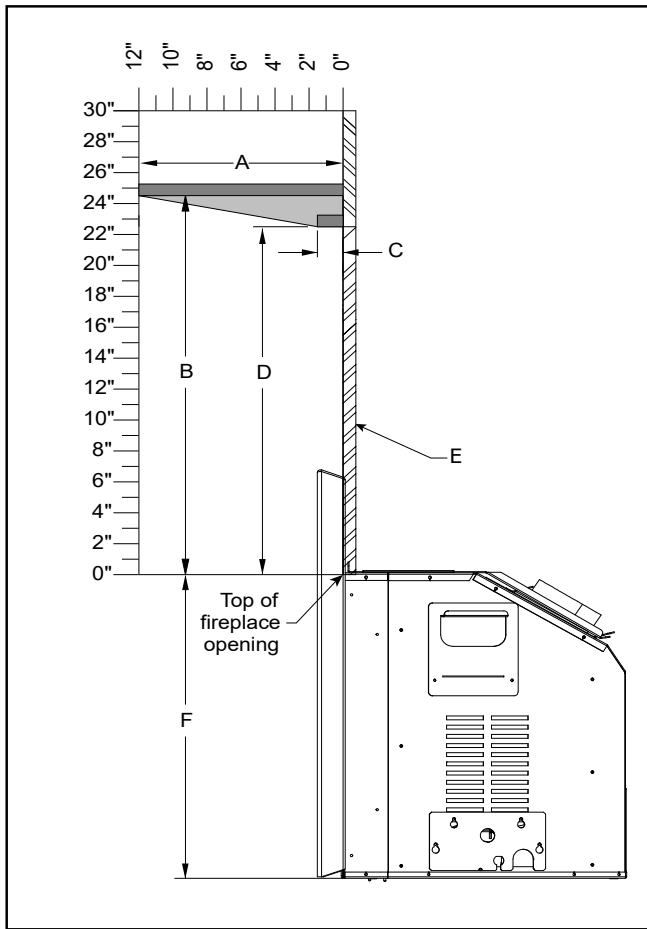


Diagram 2

A	12" (305 mm)
B	24-1/2" (610 mm)
C	1-1/2" (38 mm)
D	22-1/2" (572 mm)

E	Non Combustible Materials
F	23-1/2" (597 mm) to base of unit

WARNING

Although this appliance passes safety certification, the hearth in front of the fireplace becomes very hot when the fireplace heats. Do not use the hearth as a seat or shelf.

Mantel Clearances with 3-1/2" Mantel Deflector

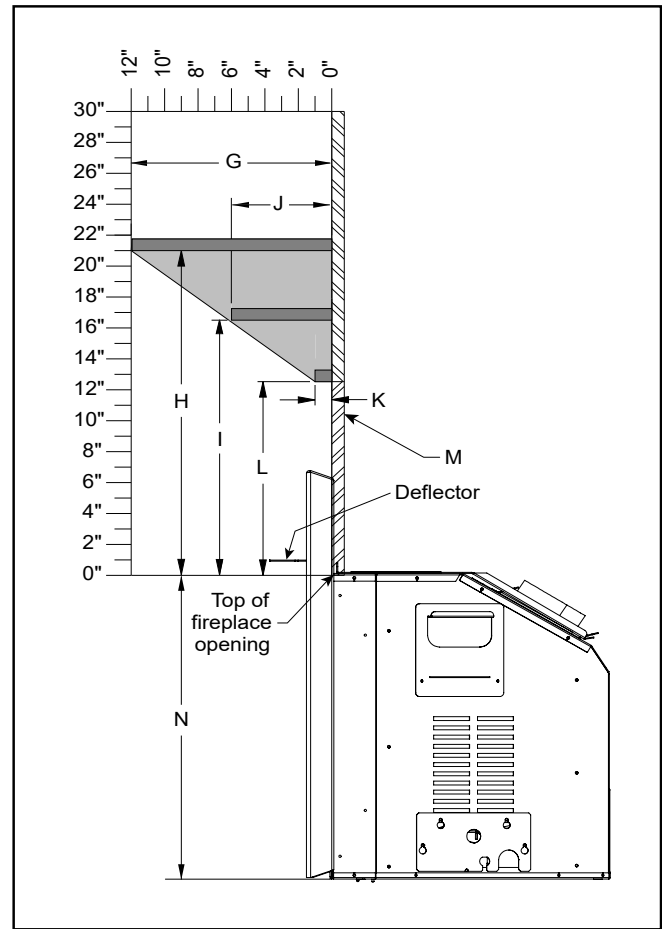


Diagram 3

G	12" (305 mm)
H	21" (533 mm)
I	16-1/2" (420 mm)
J	6" (152 mm)

K	1" (25 mm)
L	12-1/2" (318 mm)
M	Non Combustible
N	23-1/2" (597 mm) to base of unit

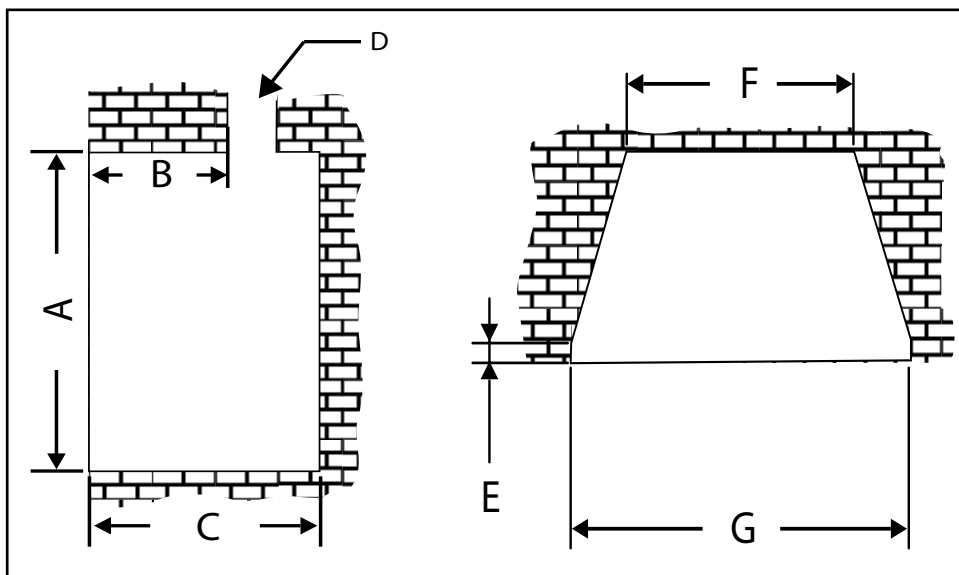
NOTES

- A 3-1/2" (89 mm) mantel deflector reduces mantel height to 12.5" (318 mm) from the bottom of the unit at 1" (25 mm) depth.
- A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board. The non-combustible mantel, when installed at a lower overall height, may not be lower than 6" (152 mm) from the top of the fireplace opening.
- All material used must be non-combustible.

Minimum Fireplace Dimensions

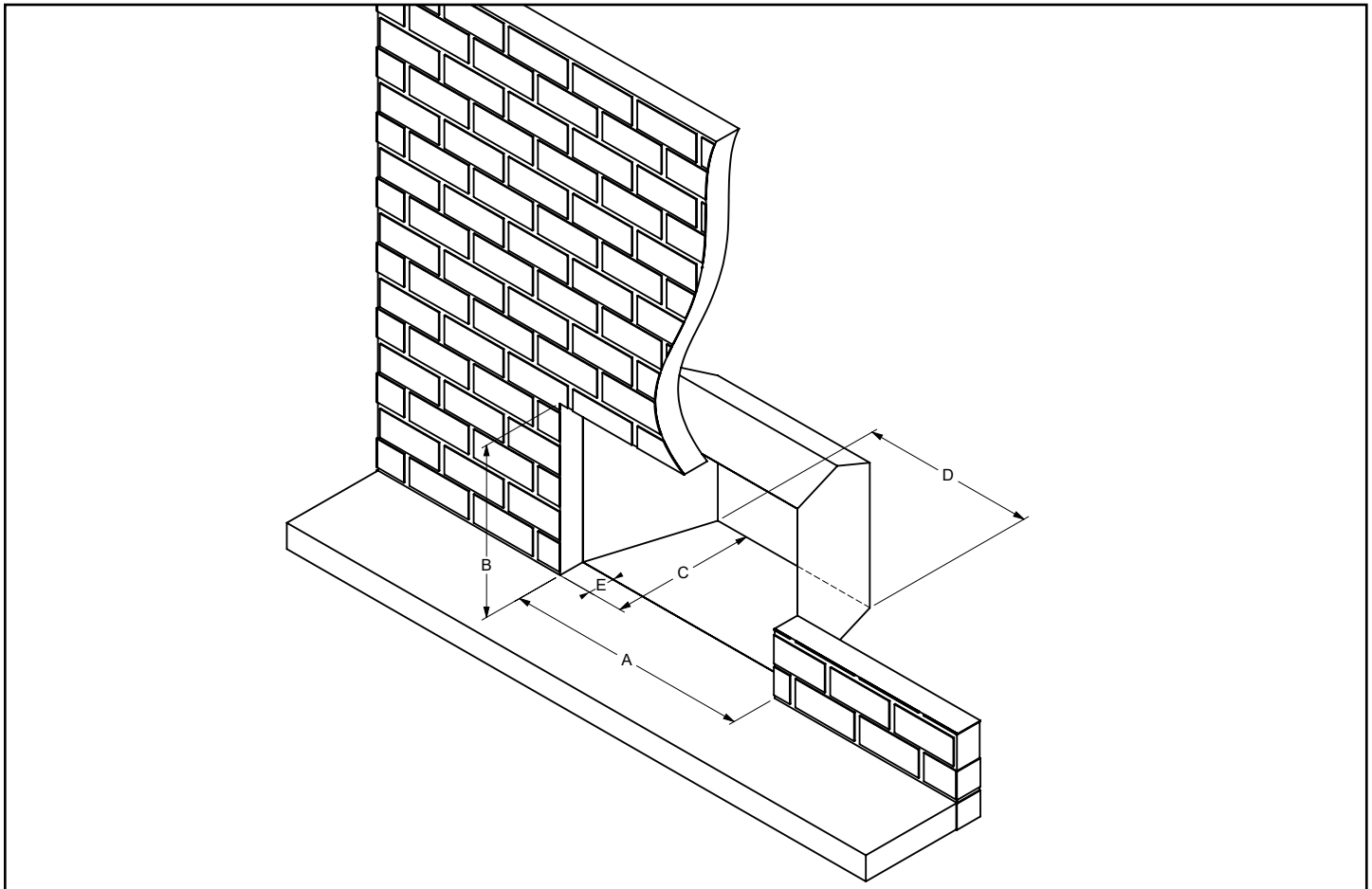
The minimum fireplace clearances & dimensions for the Regency gas insert are shown in the following diagram:

NOTE Also, see minimum fireplace opening sizes with varying faceplate, finishing trim, and backing plate options on the next page.



A Height	B Max. Lintel Bar Depth	C Depth	D Damper Opening	E Front Depth to Taper	F Width (rear)	G Width (front)
24" (610 mm)	12-1/4" (311 mm)	18" (457 mm)	9" x 5" min. (229 mm x 127 mm)	3-1/2" (89 mm)	22-3/8" (568 mm)	33" (878 mm)

Minimum Fireplace Opening Sizes with Varying Faceplate/Backing Plate Options

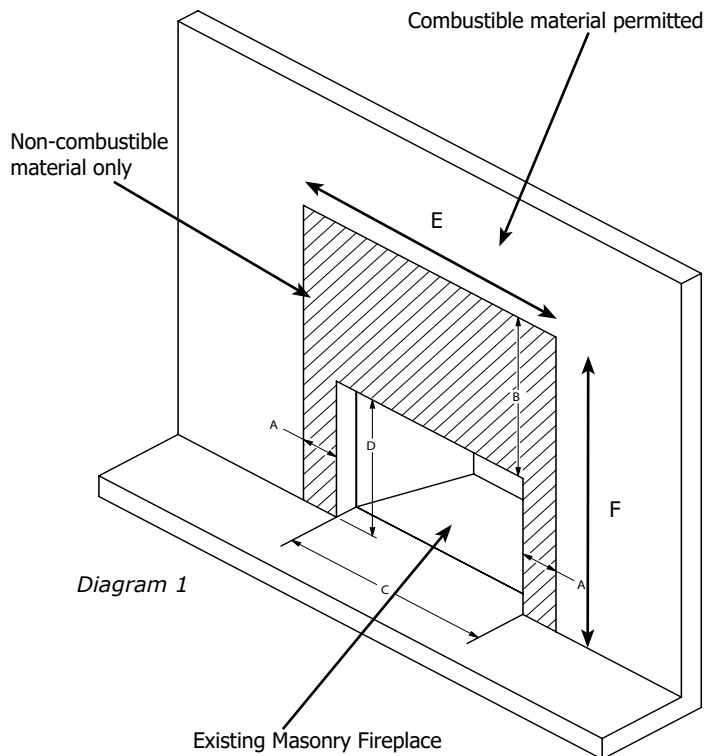


Faceplate	Dimensions				
	Minimum Install Width (A)	Minimum Install Height (B)	Minimum Install Depth (C)	Minimum Rear Width (D)	Taper Depth (E)
Regular Faceplate	33" (838 mm)	24" (610 mm)	18" (457 mm)	22-3/8" (568 mm)	3-1/2" (89 mm)
Regular Faceplate w/ Backing Plate	34-7/8" (886 mm)	25-1/4" (641 mm)	17-7/8" (454 mm)	22-3/8" (568 mm)	4-1/8" (105 mm)
Regular Faceplate w/ Premium Surround	33" (838 mm)	24" (610 mm)	17-3/4" (451 mm)	22-3/8" (568 mm)	3-3/16" (81 mm)
Regular Faceplate w/ Premium Surround and Backing Plate	34-7/8" (886 mm)	25-1/4" (641 mm)	17-5/8" (448 mm)	22-3/8" (568 mm)	4-1/8" (105 mm)
Flush Faceplate	34-1/8" (867 mm)	24-7/8" (632 mm)	19-3/16" (487 mm)	22-3/8" (568 mm)	4-1/2" (114 mm)
Flush Faceplate w/Traditional Surround	33" (838 mm)	24" (610 mm)	17-1/8" (435 mm)	22-3/8" (568 mm)	2-1/2" (64 mm)
Flush Faceplate w/Traditional Surround and Backing Plate	34-7/8" (886 mm)	25-1/4" (641 mm)	17" (432 mm)	22-3/8" (568 mm)	4-1/8" (105 mm)
Flush Faceplate w/ Backing Plate	34-7/8" (886 mm)	25-1/4" (641 mm)	19-1/8" (486 mm)	22-3/8" (568 mm)	4-3/8" (111 mm)
4-Sided Flush Faceplate	34-1/8" (867 mm)	25" (635 mm)	19-1/4" (489 mm)	22-3/8" (568 mm)	4-1/2" (114 mm)
Finishing Trim	34-3/16" (868 mm)	24-7/8" (632 mm)	19-1/4" (489 mm)	22-3/8" (568 mm)	4-1/2" (114 mm)
Finishing Trim w/ Backing Plate	34-7/8" (886 mm)	25-1/4" (641 mm)	19-3/16" (487 mm)	22-3/8" (568 mm)	4-1/8" (105 mm)
4-Sided Finishing Trim	34-3/16" (868 mm)	25" (635 mm)	19-1/4" (489 mm)	22-3/8" (568 mm)	4-1/2" (114 mm)


Using Steel Studs and Concrete Board Over Masonry Brick Fireplace


The masonry front brick facing can be removed and replaced with non-combustible materials such as steel studs and concrete board/dura rock/micor board as per diagram 1, only if safe to do so. Steel stud may also be placed in front of the masonry brick if left in place. This is the preferred method depending on the condition of the masonry brick fireplace.

The opening between the front of the masonry firebox and non-combustible materials such as steel studs must be sealed so heat cannot run between the face of the masonry fireplace and the refacing materials. Only finishing materials such as tile, stone, brick, or similar materials that are non-combustible may be used. Use materials that are uniform so that when the unit is positioned, there are no visible gaps on the sides or top of the surround.



DIMENSIONS	
A - Horizontal clearance	8" (203 mm)
B - Vertical clearance	25-1/4" (642 mm)
C - Opening Width	34" (864 mm)
D - Opening Height	24-3/4" (629 mm)
E - Minimum Total Width	50" (1270 mm)
F - Minimum Total Height	50" (1270 mm)

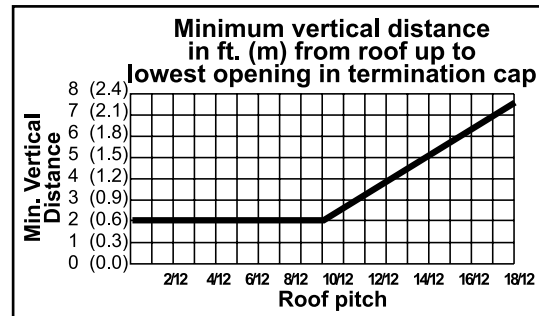
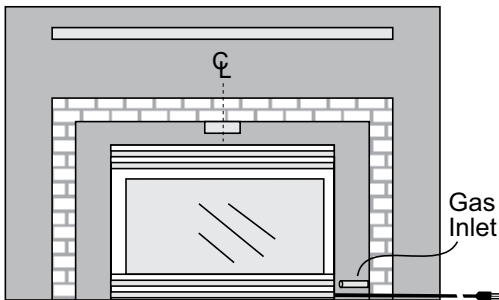
Combustible Facing Over Combustible Framing 

Non-Combustible Facing Over Non-Combustible Framing 

Gas Connection

WARNING Only people licensed to work with gas piping may make the gas connections to this appliance.

1. If the appliance is installed into an existing chimney system, thoroughly clean the masonry or factory-built fireplace.
2. The appliance has an opening on the right side of the control compartment. A 3/8" NPT gas supply pipe must be brought near the opening.
3. Locate the centre point where the vent will pass through the chimney, above the appliance. Move the appliance to the installation location. Ensure that the insert is level.
4. Do not cut any sheet metal parts of the fireplace into which the gas insert will be installed.
5. If the factory-built fireplace has no gas access hole(s), drill one of 1-1/2" (37-1/2 mm) or less through the lower sides or bottom of the firebox. The access hole must be plugged with non-combustible insulation after the gas supply line is installed.



IMPORTANT This appliance was tested and certified as a complete system with the noted termination caps and flex liner. Only the listed termination caps/flex liner noted below can be used. Use of termination caps or flex liners not listed in this manual will void the warranty and certification of this appliance. It is also important not to enclose the termination cap inside a masonry chimney rain cap, or similar. The termination must be exposed on all four sides and above to exhaust and draw air into the firebox.

Part #	Description
948-305	3" Flex - 35 ft.
948-336	4" Flex - 35 ft. (exhaust)
946-588	Co-linear DV Vertical Termination Cap

For Alternate Approved Vertical Termination Caps, see next page.

Vertical Venting

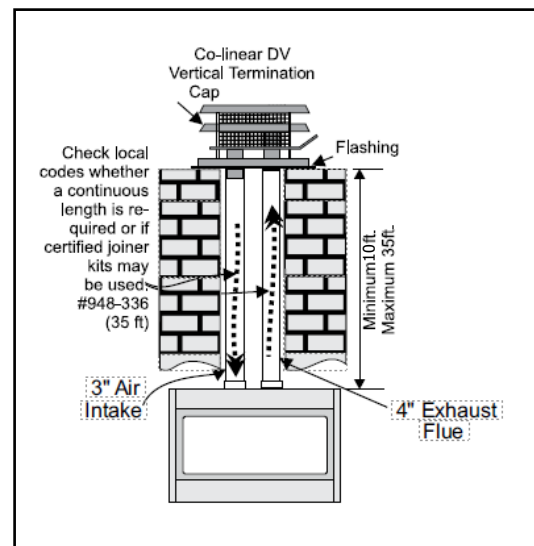
THE APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.

This appliance is designed to attach to 3" (76 mm) and 4" (102 mm) co-linear aluminum flex running the full length of the chimney. The flue length must be a minimum of 10' (3.05 m) and a maximum of 35' (10.7 m) long. See the chart below for minimum distances from the roof. Periodically check that the vent is unrestricted.

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

Attach both the exhaust and intake flue liners to both the termination cap & flue collar at the appliance with a minimum of three self-tapping screws. Use Mil-Pac sealant to seal the pipes.

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



NOTE: Flashing should be securely fastened to the chimney.

Alternate Approved Vertical Termination Caps/Adaptor

Alternate Approved Caps

Option 1

46DVA-CL34 - Vertical High Wind Cap With Flashing. Also includes 3" (76 mm) x 35' (10.7 m) Air Inlet Liner & 4" (102 mm) x 35' (10.7 m) Exhaust Liner

Option 2

46DVA-34CLTA Chimney Liner Conversion From Co-linear To Co-Axial (Includes Flashing)

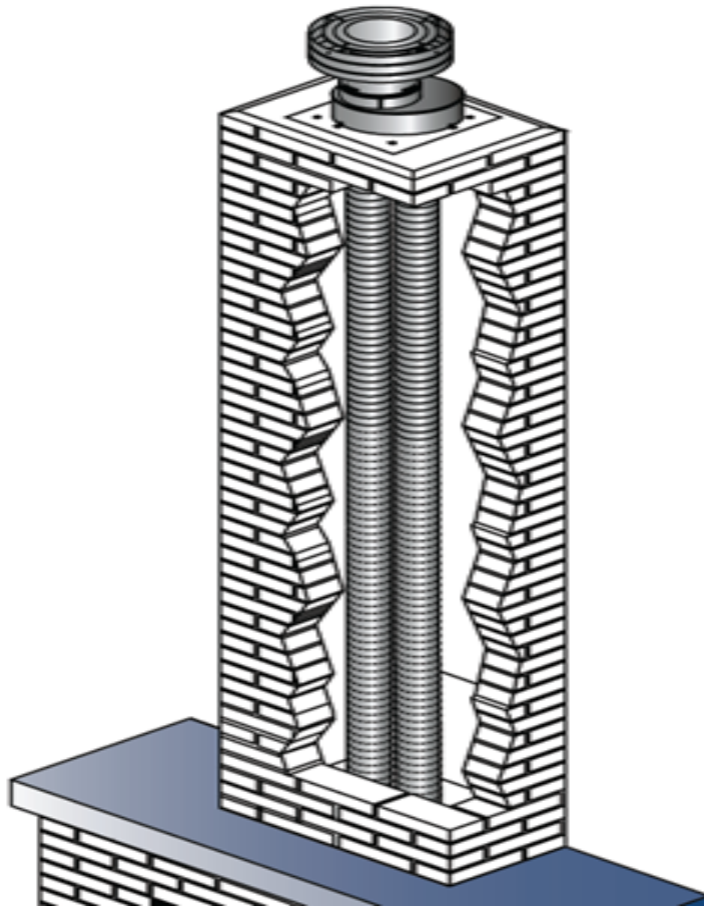
+

46DVA-VCH Vertical High Wind Cap

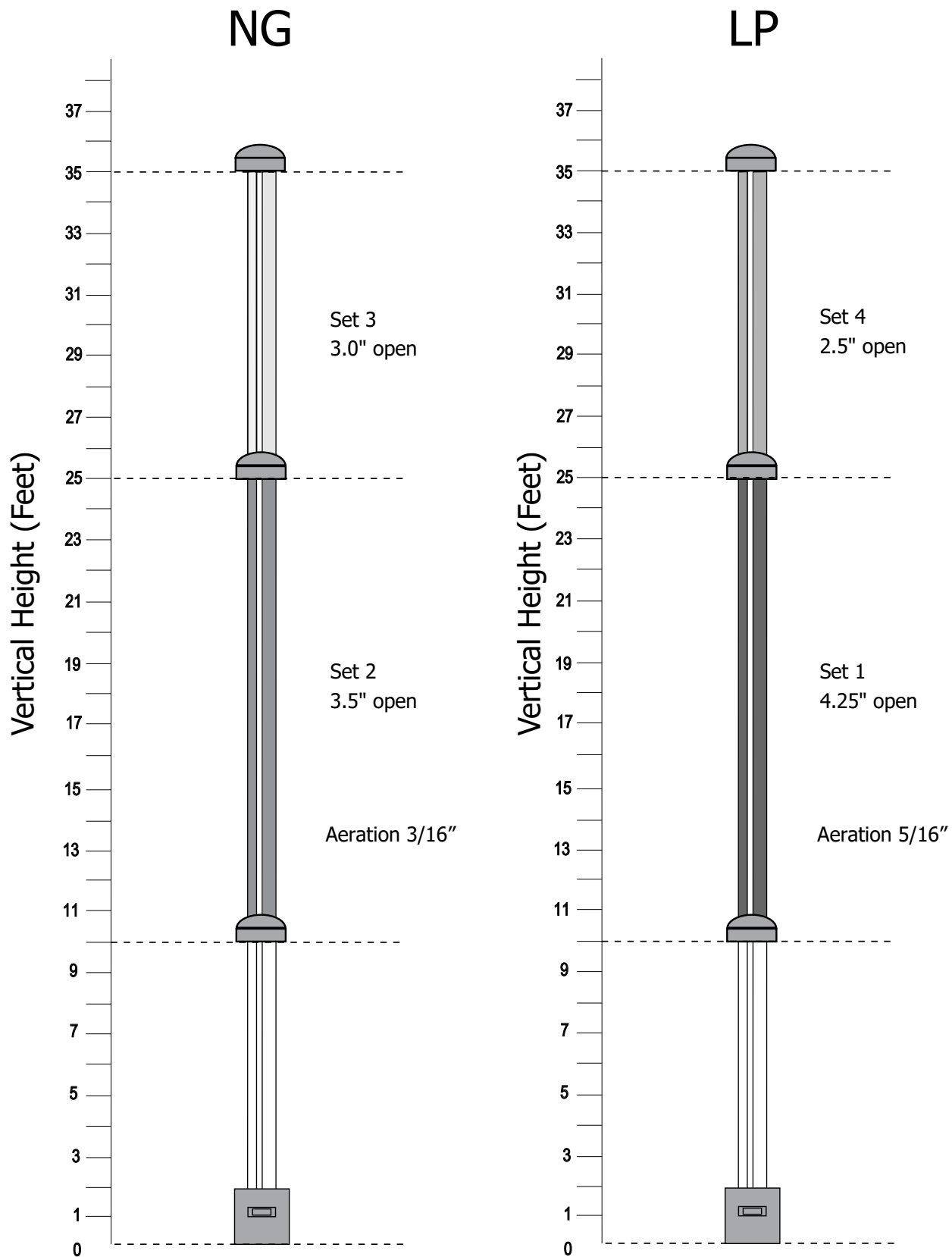
Note: Both Air Inlet/Exhaust Liners Would Need To Be Purchased Separately with Option 2 as they are not included.

With option 2, Simpson Duravent pipe lengths can be added if required to meet clearance requirements.

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



Vertical Venting/Restrictor Settings for NG and LP



Horizontal Co-Linear Vent Kit (Masonry Fireplaces Only)

APPLICATION

This instruction applies to the DuraVent Direct Vent Pro termination system and is intended as a supplement to the applicable Direct Vent Pro instructions. This termination and venting system and the gas appliance were tested and listed by an accredited test agency.

Kit # 46DVA-HCL34 includes:

1 Horizontal Termination Cap

Two 10' (3 m) long; 1 x 3" (76 mm) and 1 x 4" (102 mm) round liners and hardware.

The 948-128 Mil-Pac sealant must be purchased separately.

NOTE • The intake is 3" (76 mm) and the exhaust is 4" (102 mm).

INSTALL INFORMATION

The flue damper must be fully blocked open or removed if safe to do so for installation of the unit. Ensure the fireplace and chimney are clean and in good working order, and that all chimney cleanouts are tight-fitting and not permitting air into the chimney. Install a sealed vent cap and metal flashing at the top of the masonry chimney to prevent leaks and air movement within the cavity. **A vent restrictor is not required when terminating horizontally, as shown below.**

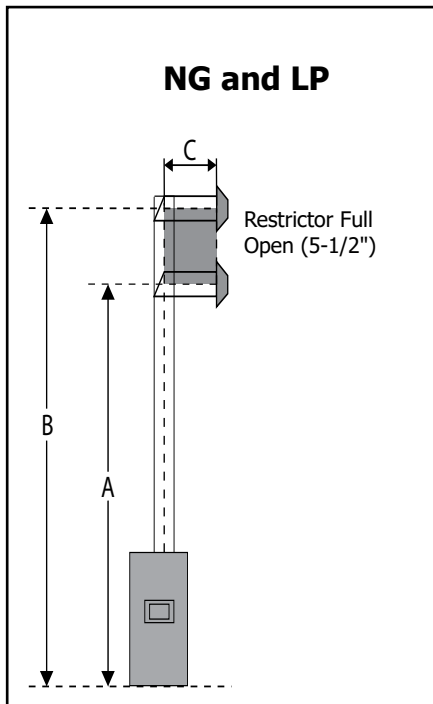
This appliance is certified for use with NG and LP when terminating horizontally. Make the hole on the outer portion of the masonry fireplace by boring it or removing bricks. Ensure that the masonry structure is safe and brick can be removed without damage to the chimney prior to proceeding. Minimum and maximum vent heights are noted below.

For complete instructions follow this link:

https://duravent.com/wp-content/uploads/2020/06/L954-SUP_820018997-DirectVent-Pro-Horizontal-Vent-Kit_03-20-20_V1.pdf [duravent.com]

Horizontal Exterior Vent Termination Location

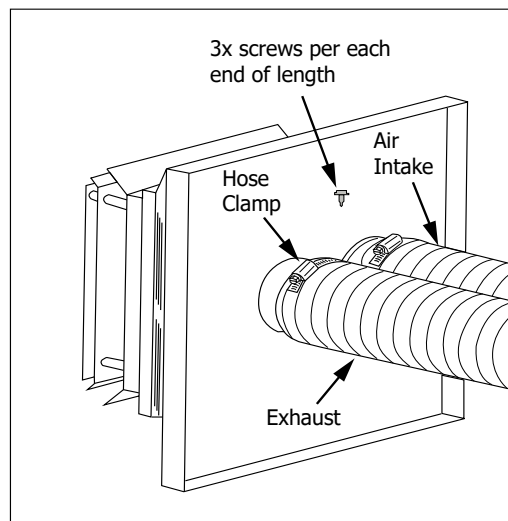
Clearance To Soffit (unventilated/ventilated) 24" (60 cm) Canada/USA.



DIMENSIONS	
A - Min. Height	8 ft. (2.4 m)
B - Max. Height	10 ft. (3 m)
C - Max. Horizontal	18" (457 mm)

NOTE

The exhaust is located on the left side and the air intake on the right when facing the back of the termination as shown below. Seal the 4" (102 mm) flex with Mil-Pac, purchased separately.



Installers must mechanically attach the supplied label to the inside of the firebox of the fireplace into which the gas fireplace insert is installed.

NOTE

This fireplace has been converted for use with a gas fireplace insert only. It cannot be used for burning wood or solid fuels unless all original parts are replaced and the fireplace re-approved by the authority having jurisdiction.