

L234 Gas Insert

Model	L234-NG11	L234-LP11
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.73 kPa)
Manifold Pressure - High	3.5" W.C. (0.87 kPa)	10" W.C. (2.49 kPa)
Manifold Pressure - Low	1.6" W.C. (0.40 kPa)	6.4" W.C. (1.60 kPa)
Orifice Size -Altitude 0-4500 ft.	#42 DMS	#54 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	16,500 BTU/h (4.84 kW)	17,000 BTU/h (4.98 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	23,500 BTU/h (6.89 kW)	21,500 BTU/h (6.30 kW)
Vent Sizing	3"x3" Co-linear (Standard) 2"x3" Co-linear (Optional)	3"x3" Co-linear (Standard) 2"x3" Co-linear (Optional)
CSA P4.1	63.77%	65.02%

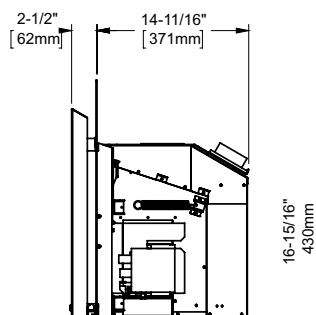
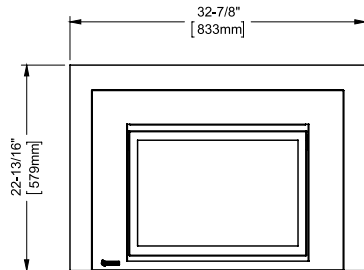
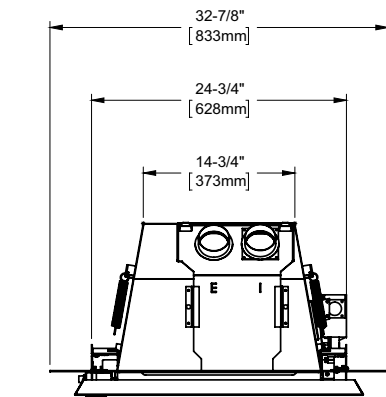
Approved Venting Systems	
Flex Vent Systems:	FPI AstroCap™ Flex Vent

This appliance has a 7 day timer which is required for any appliance sold in Canada.

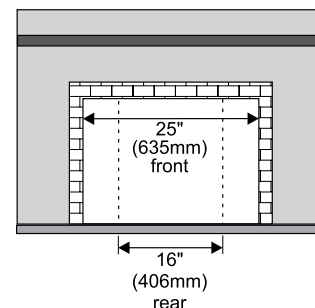
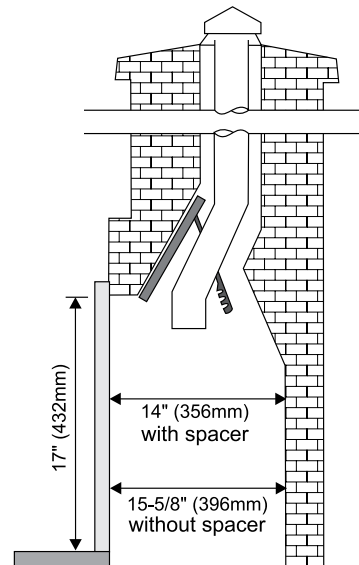


Minimum Fireplace Opening Dimensions

The minimum fireplace dimensions for the L234 gas fireplace insert are shown in the following diagrams:



Shown with Low Profile Faceplate



Minimum Clearances to Combustibles

Unless otherwise stated the clearances listed below are Minimum distances to combustible materials. **Please Note: A major cause of chimney related fires is due to a 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.**

Side Walls	A	8" (203 mm)*
Ceiling	B	56" (1422 mm)
Min. Mantel Height	C	21" (533 mm) see Diagram 1
Max. Mantel Depth	D	12" (305 mm) see Diagram 1
Alcove Width	E	60" (1524 mm)
Alcove Depth	F	36" (914 mm)
**Hearth Height-	G	1-1/2" (38 mm) Minimum Non combustible
Hearth Width	H	28" (686 mm)
Hearth Depth	I	12" (305 mm)

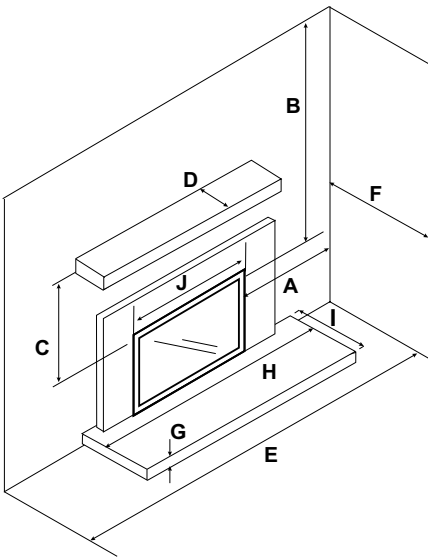
***Alcove side wall must have a minimum of 8" clearance.**

****Note: A 1-1/2" high non-combustible hearth is required if unit is not raised off the ground a minimum of 4"**

*****Measured from edge of glass frame.**

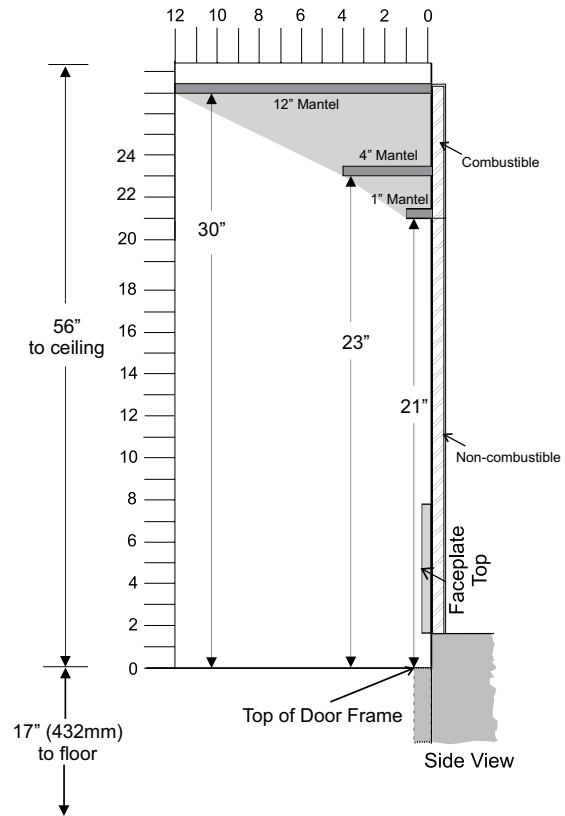
(J) Glass Frame Width (Reference Only): 25" (635mm)

Dimensions are measured from the edge of the door frame.



Combustible Mantel Clearances

Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of the louvers are shown in the diagram below. Mantel may be installed anywhere in the shaded area or higher.

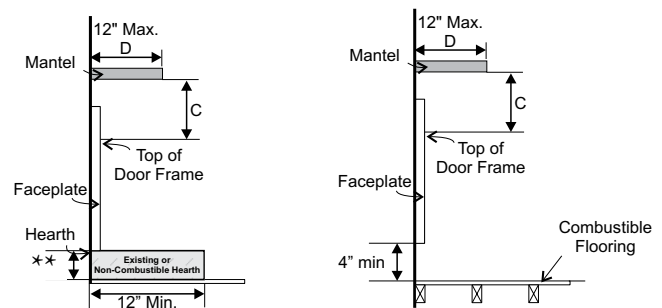


Flush Front Mantel Clearances

Note: A non-combustible mantel may be installed at a lower height. The non-combustible mantel when installed at a lower overall height may not be lower than 6 inches from the top of the fireplace opening.

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

Hearth Clearances Flush and Raised



No Hearth required when unit is raised 4" (102mm)

VENTING

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

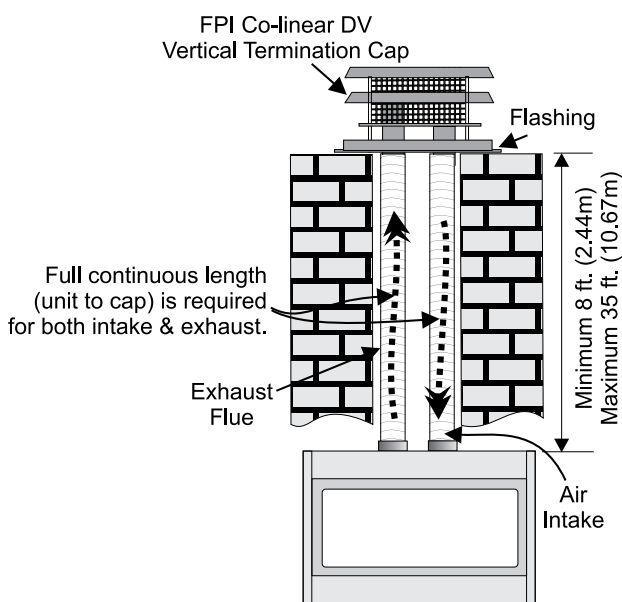
This appliance is designed to be attached to two 3" (76 mm) co-linear aluminium flex running the full length of the chimney. The flue length must be a minimum length of 8' (2.43 m) and a maximum of 35' (10.67 m). Periodically check that the vent is unrestricted.

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

INSTALLATION WITH 3" (76 mm) & 3" (76 mm) LINERS

Part #	Description
948-305	3" (76 mm) Flex - 35 ft. (10,67 m) (intake & exhaust)
946-529	Regency Co-linear DV Vertical Termination Cap & Flashing

Vent Run	Vent Restrictor Position	Burner Aeration Setting
8' to 20'	1" (25 mm)	3/16" (5 mm)
20' to 35'	3/4" (19 mm)	3/16" (5 mm)
NOTE: See instructions in the "Vent Restrictor Position" section on positioning of the vent restrictor.		



Alternative Approved Venting Components*

46DVA-VC Vertical Termination Cap
 46DVA-VCH High Wind Cap
 46DVA-GK 3" (76 mm) Co-linear Adaptor with flashing

In areas of 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.

***NOTE:** Simpson DuraVent can only be used with 3" (76 mm) liners.

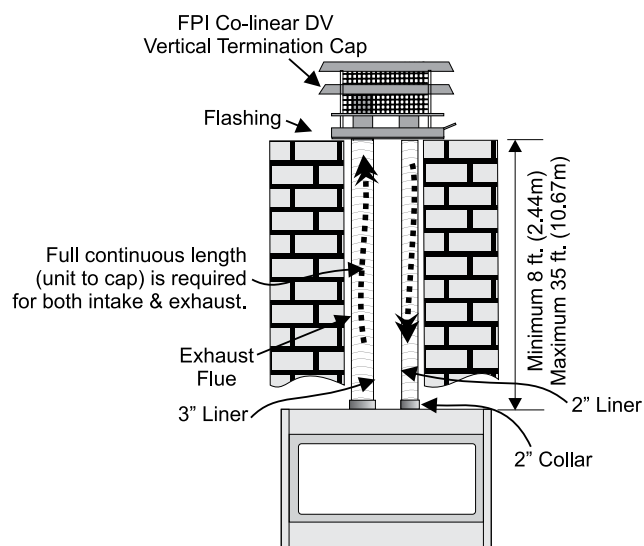
The L234 is also approved for use with a 2" liner for air intake and a 3" liner for exhaust. This would be suitable for a Class A wood burning chimney with a minimum 6" round flue.

The chimney must be lined with one 2" diameter liner for intake and one 3" diameter liner for exhaust. The minimum vent length is 8' and maximum is 35'.

INSTALLATION WITH 3" & 2" LINERS

Part #	Description
948-305	3" (76 mm) Flex - 35 ft. (10,67 m) (exhaust)
948-316	2" (51 mm) Flex - 35 ft. (10,67 m) (intake)
946-582	Regency Co-linear DV Vertical Termination Cap, Flashing & 2" (51 mm) Collar

Vent Run	Vent Restrictor Position	Burner Aeration Setting
8' to 20'	1" (25 mm)	3/16" (5 mm)
20' to 35'	1" (25 mm)	1/8" (3 mm)
NOTE: See instructions in the "Vent Restrictor Position" section on positioning of the vent restrictor.		

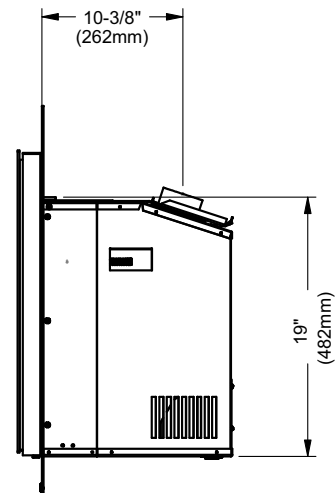
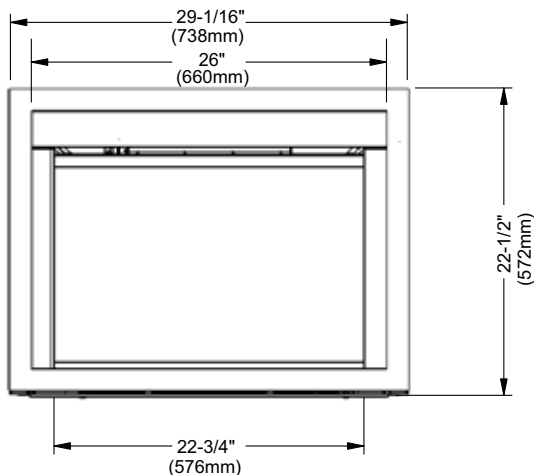
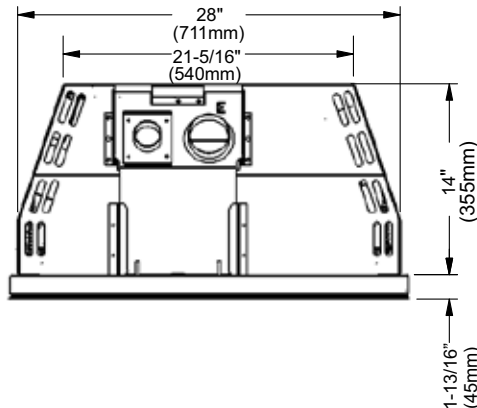


LRI3E Gas Insert

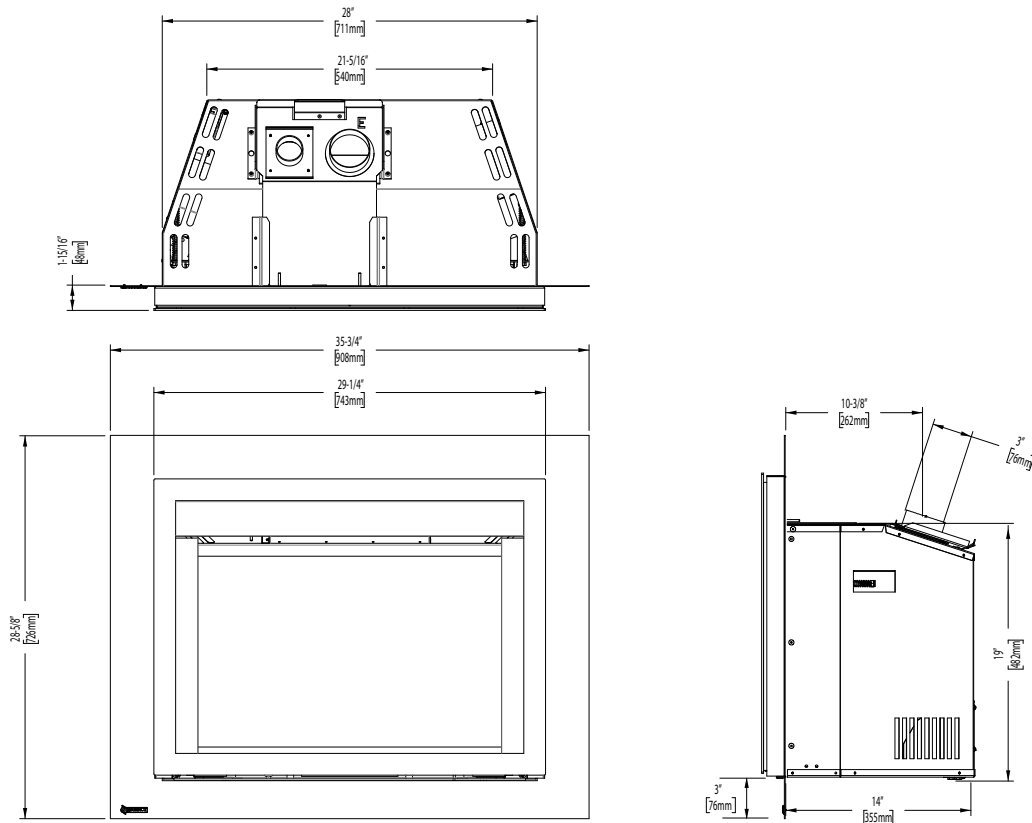
Model	LRI3E-NG11	LRI3E-LP11
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.73 kPa)
Manifold Pressure - High	3.5" W.C. (0.95 kPa)	10" W.C. (2.49 kPa)
Manifold Pressure - Low	1.6" W.C. (0.40 kPa)	6.4" W.C. (1.59 kPa)
Orifice Size - Altitude 0-4500 ft.	#45 DMS	#55 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	14,000 BTU/h (4.10 kW)	15,500 BTU/h (4.54 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	19,500 BTU/h (5.71 kW)	19,000 BTU/h (5.57kW)
Vent Sizing	3"x 2" Co-linear (Standard)	3"x 2" Co-linear (Standard)
CSA P.4.1	64.36%	66.24%



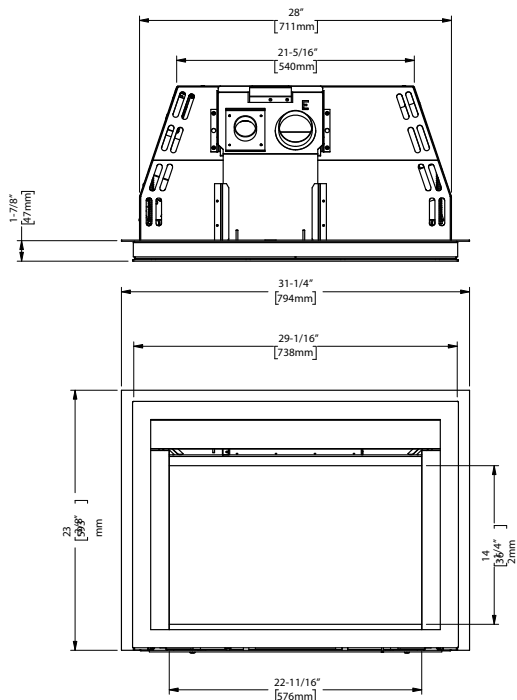
Unit Dimensions with Vignette Faceplate



Unit Dimensions with 4 Sided Vignette Faceplate + Backing Plate

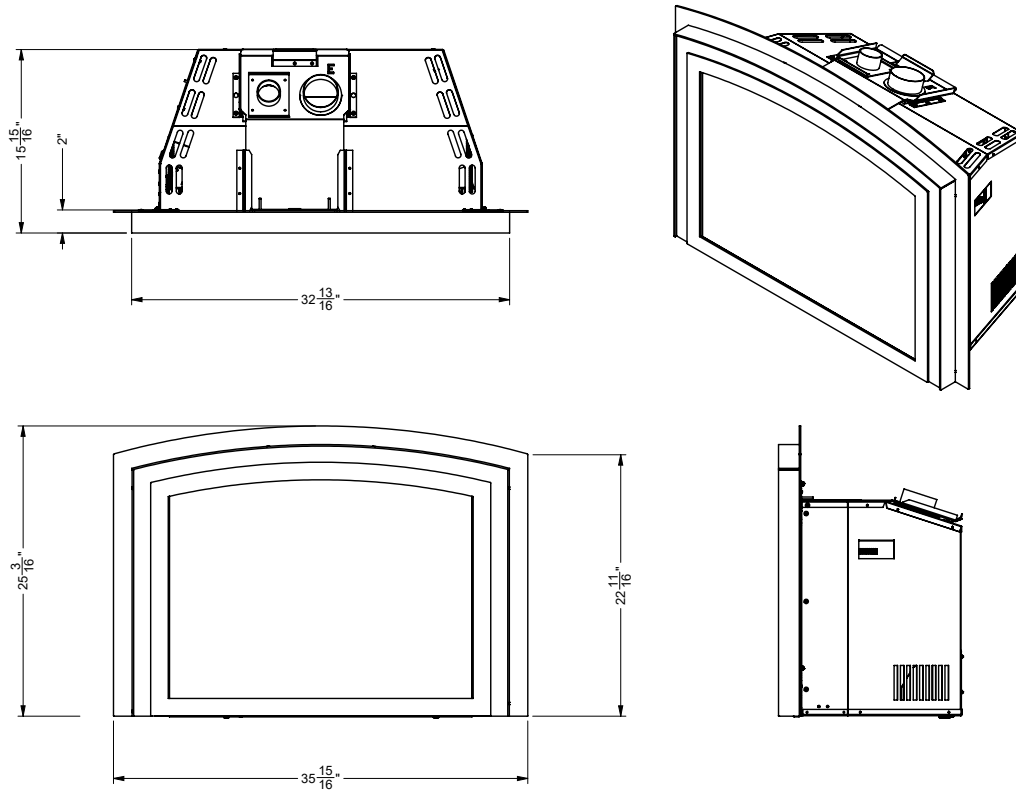


Unit Dimensions with Vignette Faceplate + Small Backing Plate

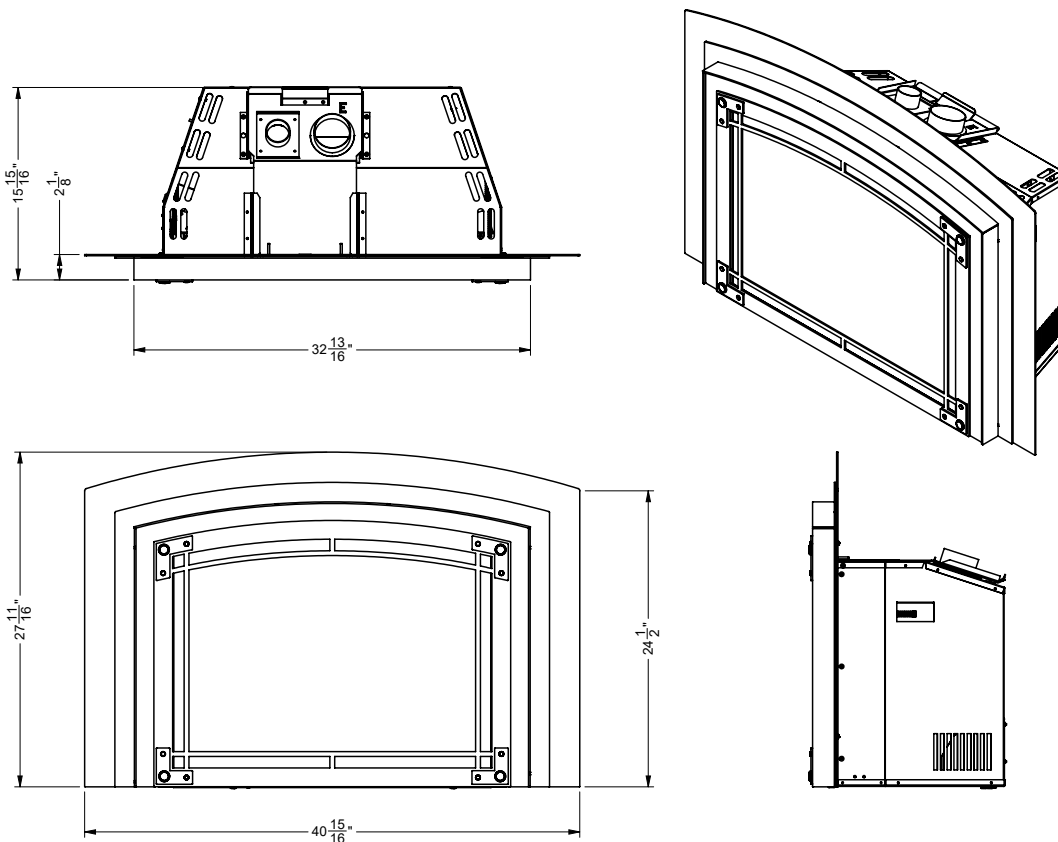


Not Shown:
 Regular backing plate - 35-3/4" W x 25-5/8" H
 Oversize backing plate - 38-3/16" W x 29-5/8" H

Unit Dimensions with Arched Vignette Faceplate

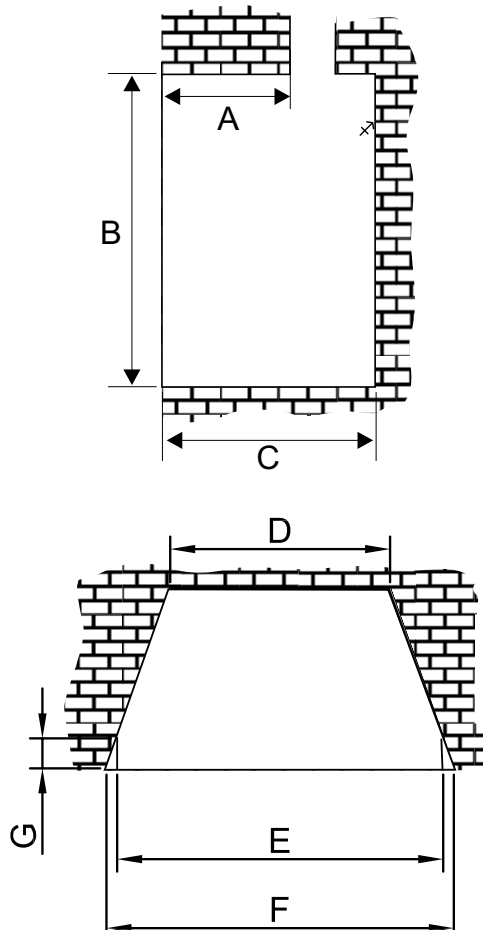


Unit Dimensions with Arched Vignette Faceplate + Backing Plate



Minimum Fireplace Dimensions

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



	Max Lintel Bar Depth A	Height B	Depth C	Width (rear) D	Width (front) E	Width F	Front Depth To Taper G
Vignette Faceplate	8-5/8"	19-1/2"	14-1/2"	21-5/8"	28-1/2"	31-1/8"	4"
Arched Vignette Faceplate	8-5/8"	19-1/2"	14-1/2"	21-5/8"	28-5/8"	31-1/8"	4"

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 be installed only in accordance with these instructions.

Clearance:	Dimension	Measured From:
A: Sides	6" / 152 mm	***From inside edge of faceplate / doors
B: Ceiling	60" / 1524 mm	From Base of Unit
C: Mantel (Min. Height)	*28" / 711mm 38" / 965mm	From Base of Unit From Base of Unit
D: Min. Hearth Depth	12" / 305mm	Not required if unit raised 3-1/2" off floor
E: Min. Hearth Length	36" / 914mm	
G: Max. Mantel Depth	0 -12" / 305 mm	@ 47" (1193mm) from bottom of unit without deflector @12" (305mm) deep @ 37" (940mm) from bottom of unit with 3-1/2" deflector @12" (305mm) deep
K: Min. Alcove Width	54" / 1372 mm	
L: Max. Alcove Depth	36" / 914 mm	
M: Mantel Deflector	3-1/2" / 89mm	
NOTE: 36" (914 mm) wide x 12" (305mm) deep non combustible hearth is required in front of the appliance, unless the unit is raised 3-1/2" (89 mm) off the floor surface. *An optional 3-1/2" deflector, reduces the mantel height to 28" from bottom of unit @ 1" depth. (J): ***Measured from inside edge of faceplate/doors - Reference Only: 27-1/4" / 692mm		

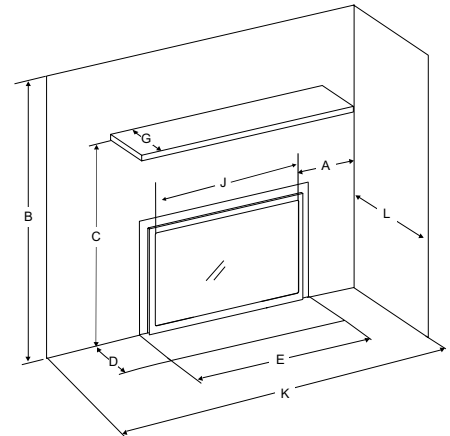


Diagram 1

MANTEL CLEARANCES WITHOUT DEFLECTOR

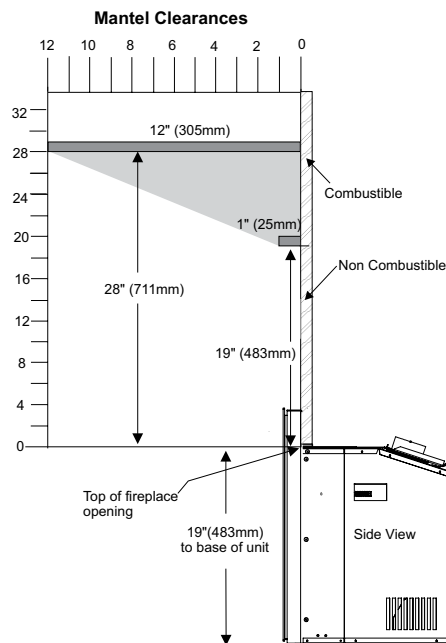


Diagram 2

MANTEL CLEARANCES WITH 3-1/2" DEFLECTOR

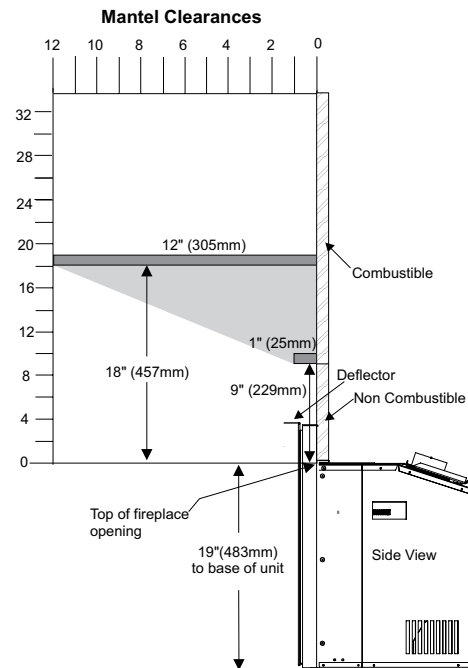


Diagram 3

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.

Note: A 3-1/2" mantel deflector to reduce mantel height to 28" from bottom of unit @ 1" 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 inches from the top of the fireplace opening.

Note: All material used must be completely non-combustible.

LRI4E Gas Insert

Model	LRI4E-NG11	LRI4E-LP11
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.73 kPa)
Manifold Pressure - High	3.5" W.C. (0.87 kPa)	10" W.C. (2.48 kPa)
Manifold Pressure - Low	1.6" W.C. (0.41 kPa)	6.4" W.C. (1.59 kPa)
Orifice Size -Altitude 0-4500 ft.	#35 DMS	#53 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	22,000 BTU/h (6.45 kW)	26,000 BTU/h (7.62 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	31,000 BTU/h (9.09 kW)	31,000 BTU/h (9.09 kW)
Vent Sizing	3"x 3" Co-linear (Standard)	3"x 3" Co-linear (Standard)

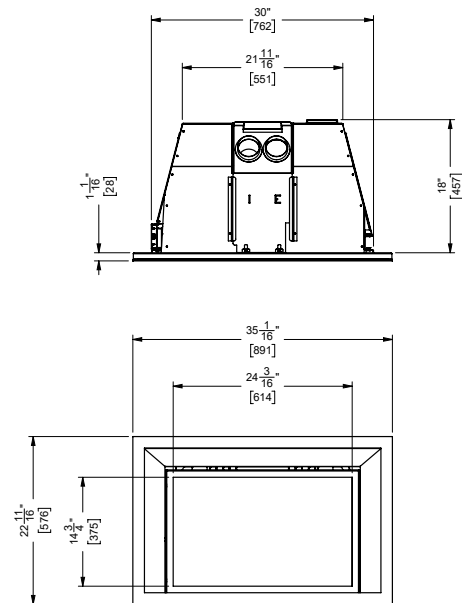
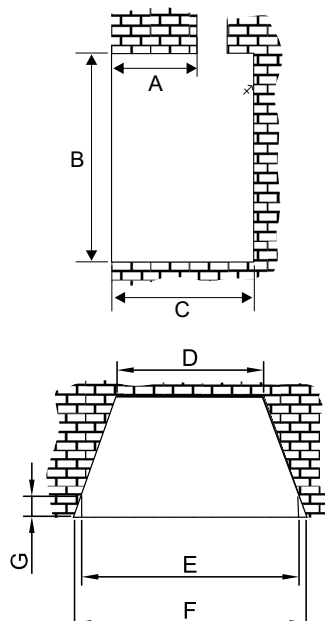
Approved Venting Systems	
Flex Vent Systems:	Colinear termination 946-529
Alternative Approved Terminations	Must use 46DVA-GK along with 46DVA-VCH or 46DVA-VC DuraVent termination caps



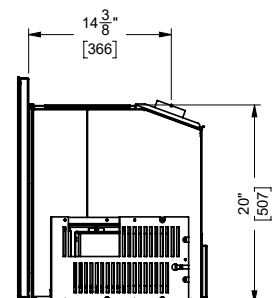
UNIT DIMENSIONS W/VIGNETTE FACEPLATE

MINIMUM FIREPLACE DIMENSIONS

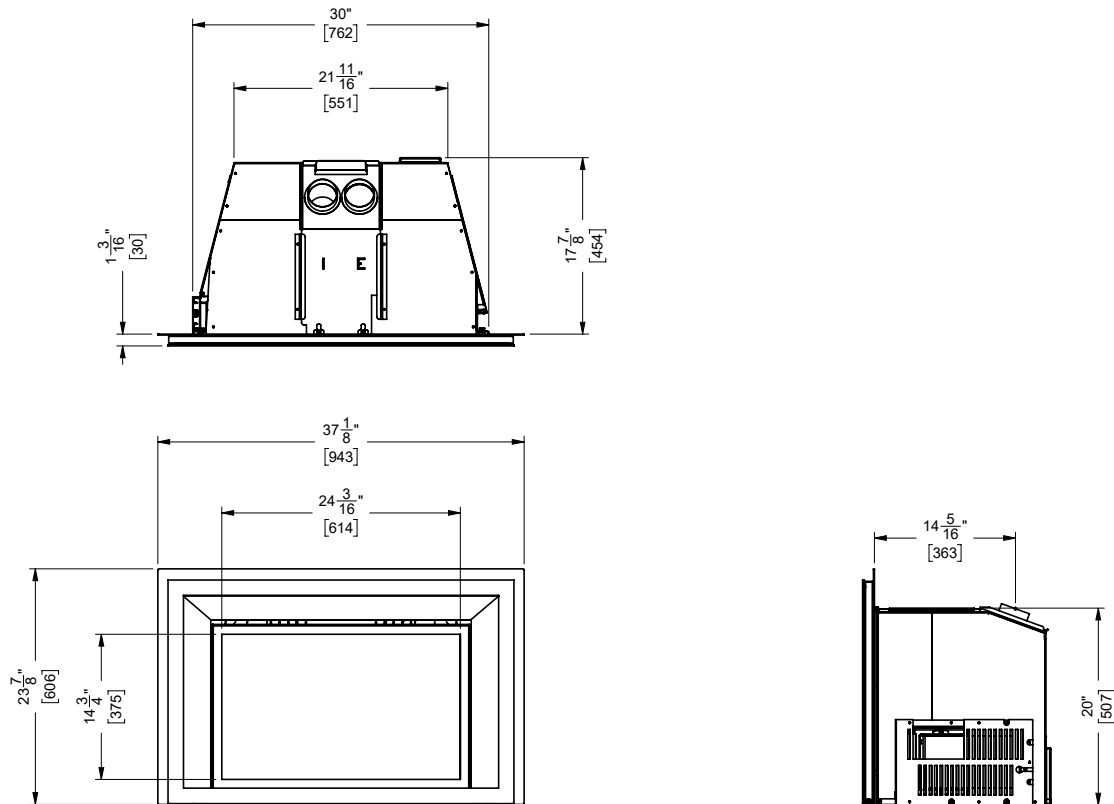
The minimum fireplace clearances and dimensions for the Regency gas insert are shown in the following diagrams



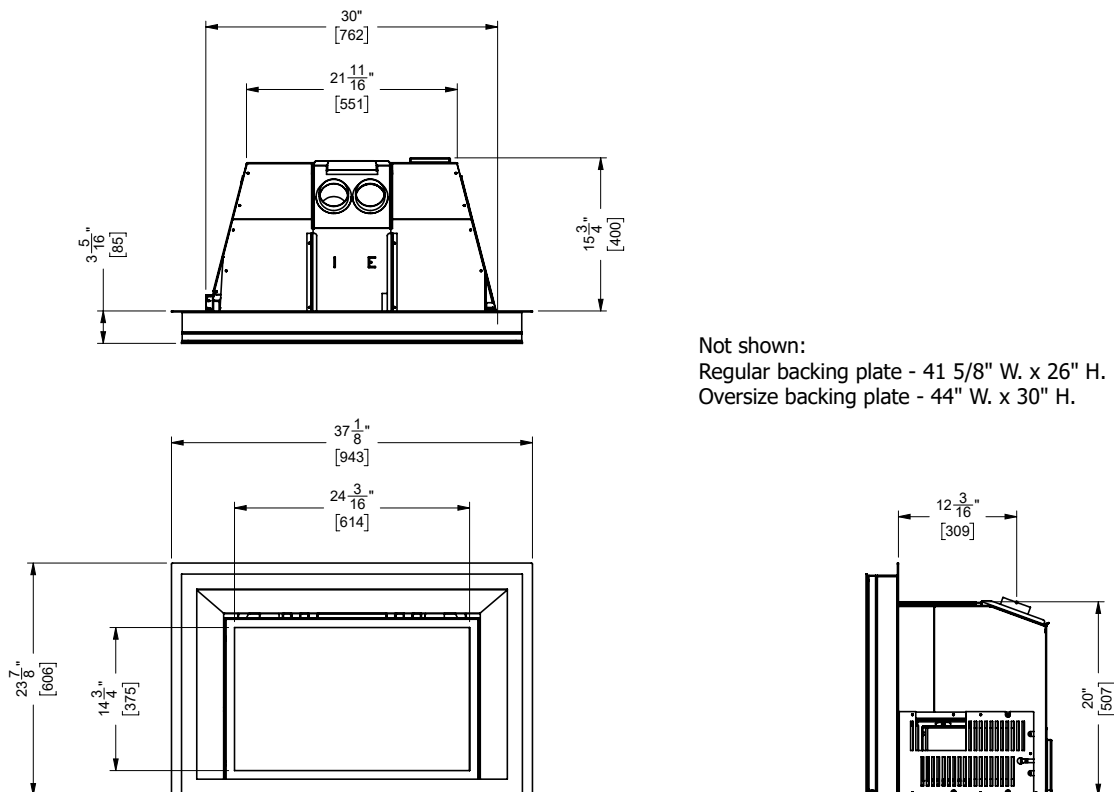
	Max Lintel Bar Depth A	Height B	Depth C	Width (rear) D	Width (front) E	Width F	Front Depth To Taper G
Vignette Faceplate	12-1/4"	20"	18"	22"	30"	35-5/8"	4-3/8"
Vignette Faceplate w/Spacer	10"	20"	15-3/4"	22"	30"	31-1/4"	2-1/8"
Arched Faceplate	14"	21-1/2"	21-1/8"	22"	30-1/2"	37"	5-3/8"
Arched Faceplate w/Spacer	12-1/2"	20"	17-1/2"	22"	30"	36-1/4"	4"



UNIT DIMENSIONS WITH VIGNETTE FACEPLATE + SMALL BACKING PLATE

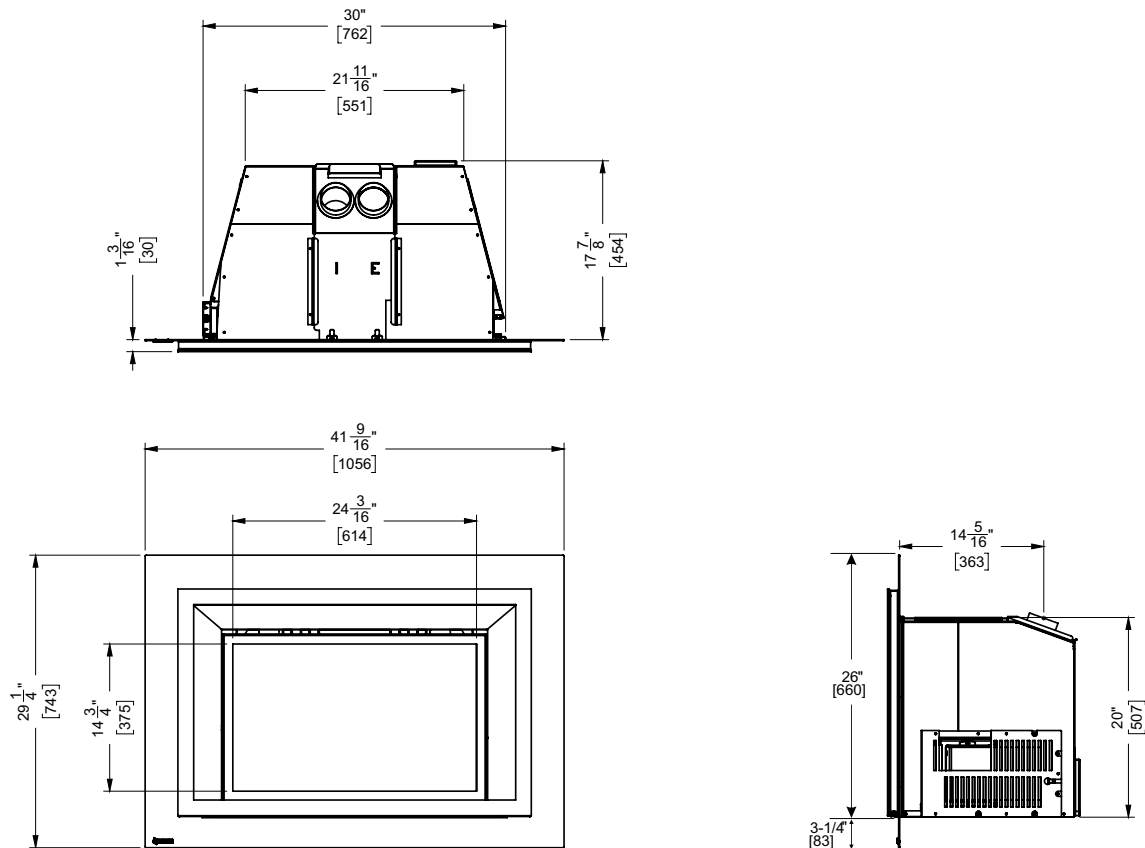


UNIT DIMENSIONS WITH VIGNETTE FACEPLATE + SMALL BACKING PLATE + SPACER

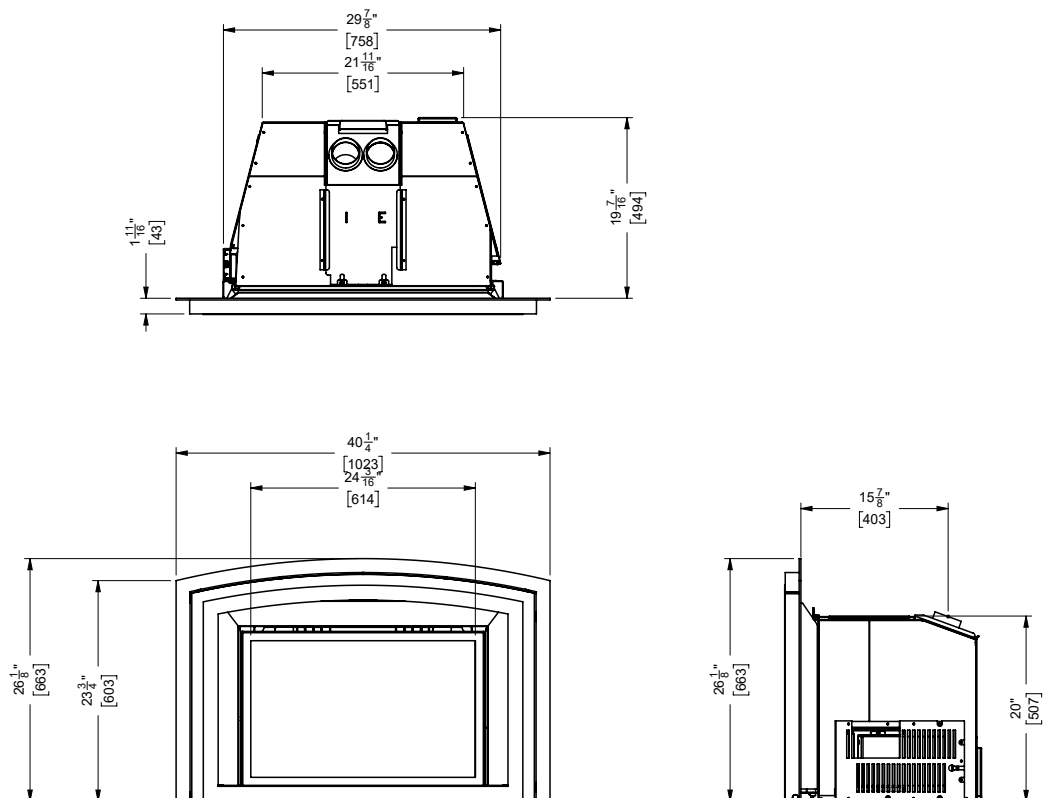


Not shown:
Regular backing plate - 41 5/8" W. x 26" H.
Oversize backing plate - 44" W. x 30" H.

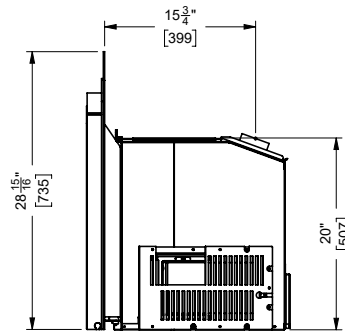
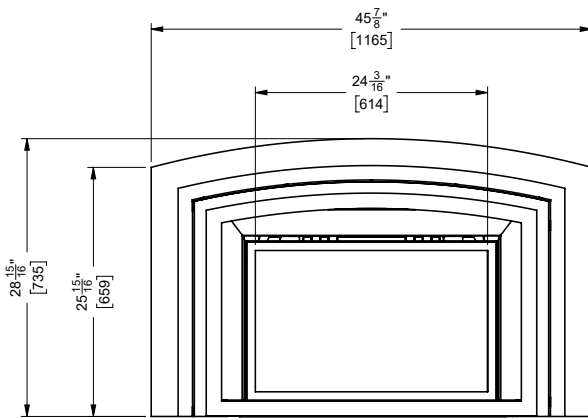
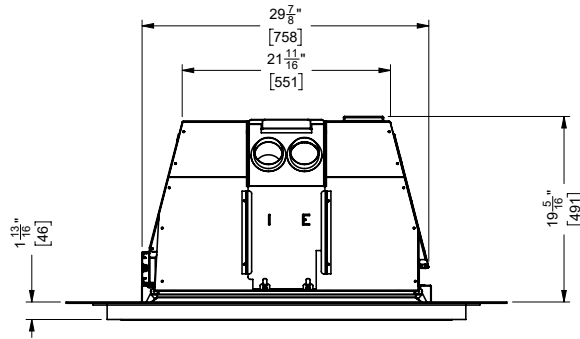
UNIT DIMENSIONS WITH 4 SIDED VIGNETTE FACEPLATE + BACKING PLATE



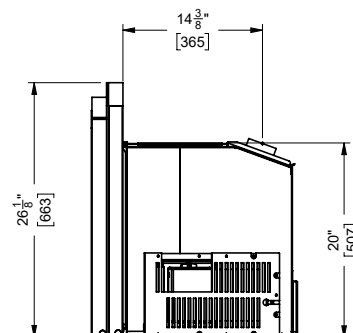
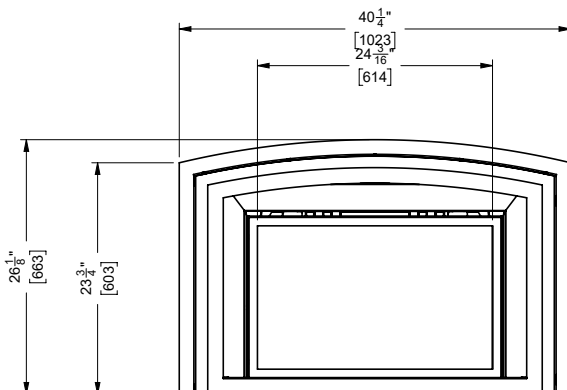
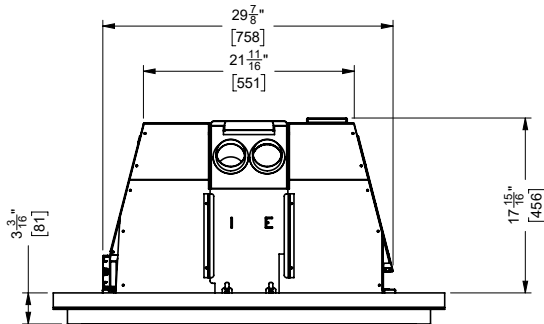
UNIT DIMENSIONS WITH ARCHED VIGNETTE FACEPLATE (OPTIONAL)



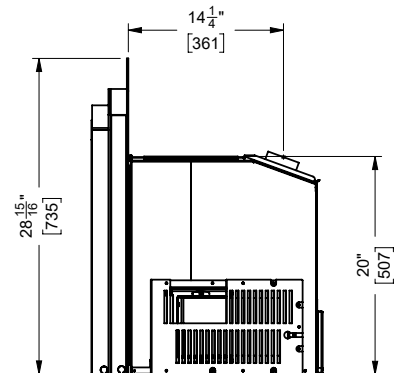
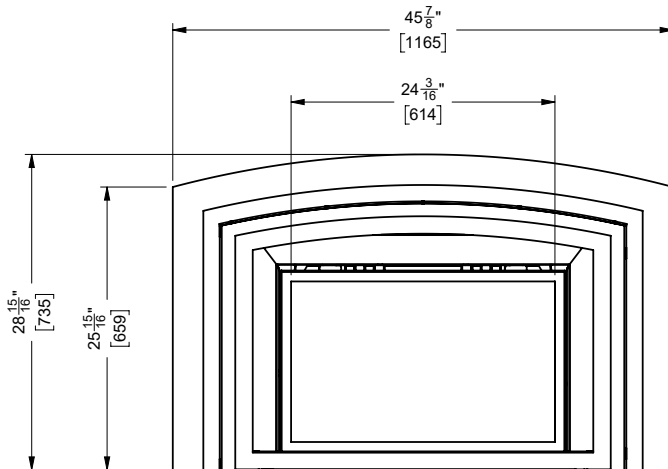
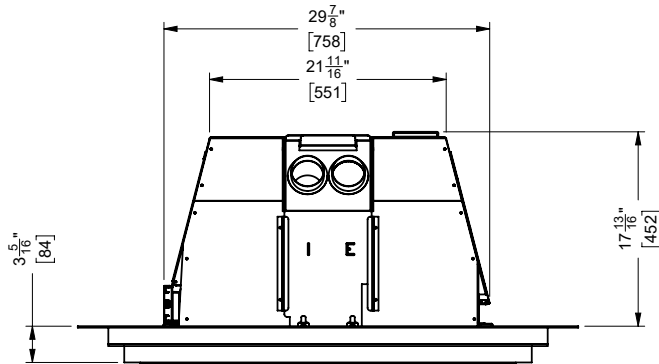
UNIT DIMENSIONS WITH ARCHED VIGNETTE FACEPLATE + BACKING PLATE



UNIT DIMENSIONS WITH ARCHED VIGNETTE FACEPLATE + SPACER



UNIT DIMENSIONS WITH ARCHED VIGNETTE FACEPLATE + SPACER + BACKING PLATE



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 be installed only in accordance with these instructions.

Clearance:	Dimension	Measured From:
A: Sides	8" / 203mm	***From inside edge of faceplate / doors
B: Ceiling	60" / 1524mm	From Base of Unit
C: Mantel (Min. Height)	*32" / 813mm 35" / 889mm	From Base of Unit From Base of Unit
D: Min. Hearth Depth	14" / 356mm	
E: Min. Hearth Length	40" / 1016mm	
G: Max. Mantel Depth	0 -12" / 305mm	@ 44" (1118mm) from bottom of unit
K: Min. Alcove Width	54" / 1372mm	
L: Max. Alcove Depth	36" / 914mm	
M: Mantel Deflector	3-1/2" / 89mm	
NOTE: 40" (1016 mm) wide x 14" (356mm) deep hearth is required, unless the unit is raised 6" (152 mm) off the floor surface. *An optional 3-1/2" deflector, reduces the mantel height to 32" from bottom of unit @ 1" depth. (J): ***Measured from inside edge of faceplate/doors - Reference only: 27-9/16" (700mm)		

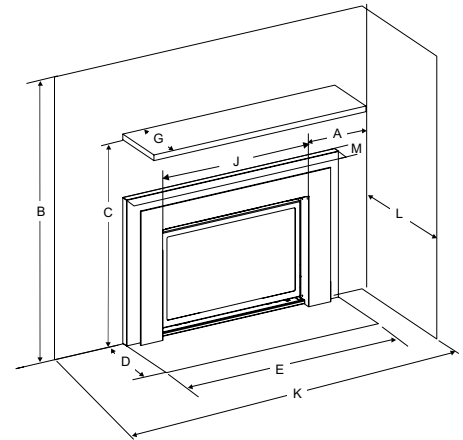


Diagram 1

MANTEL CLEARANCES WITHOUT DEFLECTOR

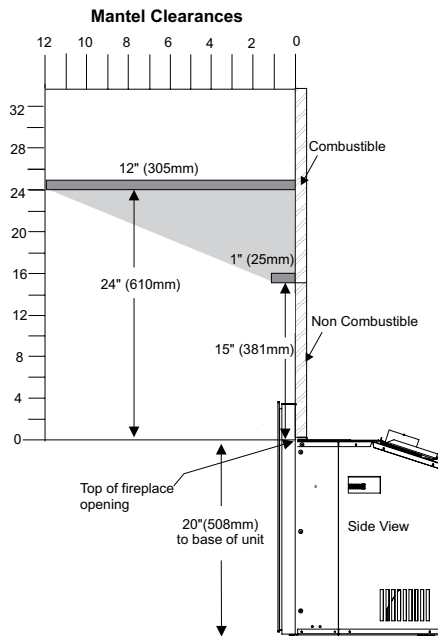


Diagram 2

MANTEL CLEARANCES WITH 3-1/2" DEFLECTOR

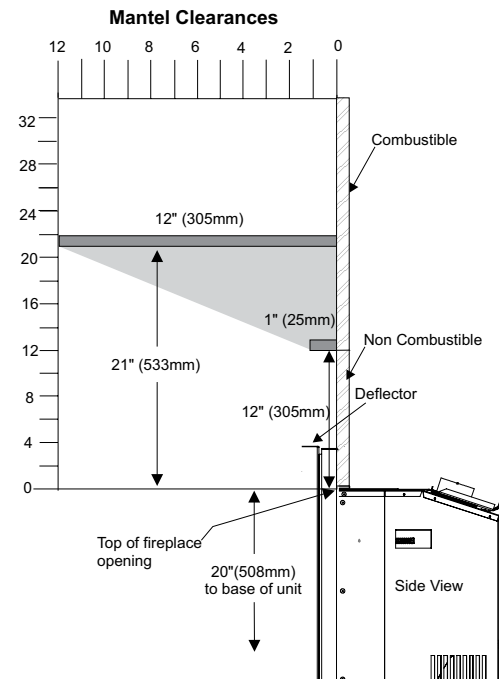


Diagram 3

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.

Note: A 3-1/2" mantel deflector to reduce mantel height to 32" from bottom of unit @ 1" 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 inches from the top of the fireplace opening.

Note: All material used must be completely non-combustible.

LRI6E Gas Insert

Model	LRI6E-NG11	LRI6E-LP11
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.73 kPa)
Manifold Pressure - High	3.5" W.C. (0.87 kPa)	10" W.C. (2.48 kPa)
Manifold Pressure - Low	1.6" W.C. (0.41 kPa)	6.4" W.C. (1.59 kPa)
Orifice Size Altitude 0-4500 ft.	#32 DMS	#51 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	25,000 BTU/h (7.33 kW)	30,000 BTU/h (8.79 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	38,000 BTU/h (11.14 kW)	38,000 BTU/h (11.14 kW)
Vent Sizing	3"x 4" Co-linear (Standard)	3"x 4" Co-linear (Standard)
CSA P.4.1	70.37%	70.37%

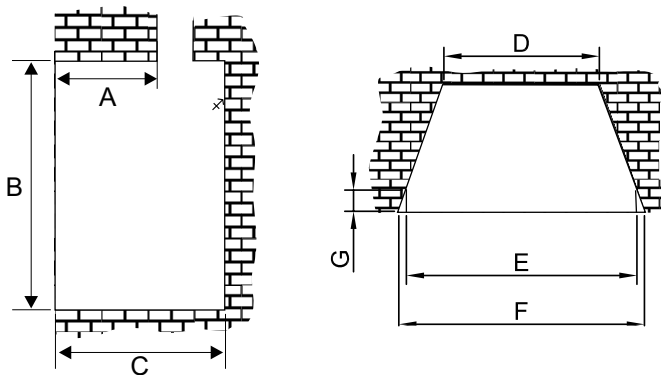


Approved Venting Systems	
3" x 4" Flex Vent Systems:	Colinear Termination 946-588

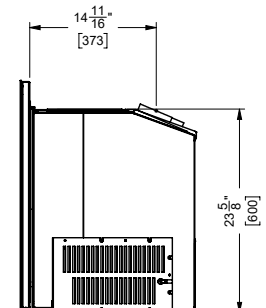
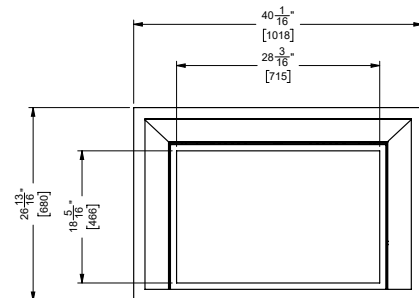
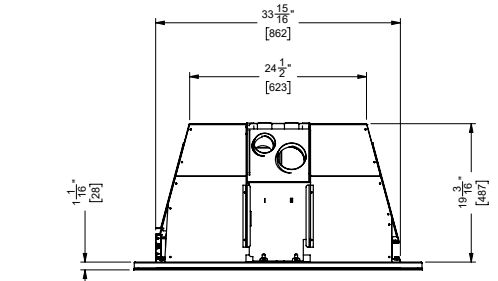
Unit Dimensions with Vignette Faceplate

Minimum Fireplace Dimensions

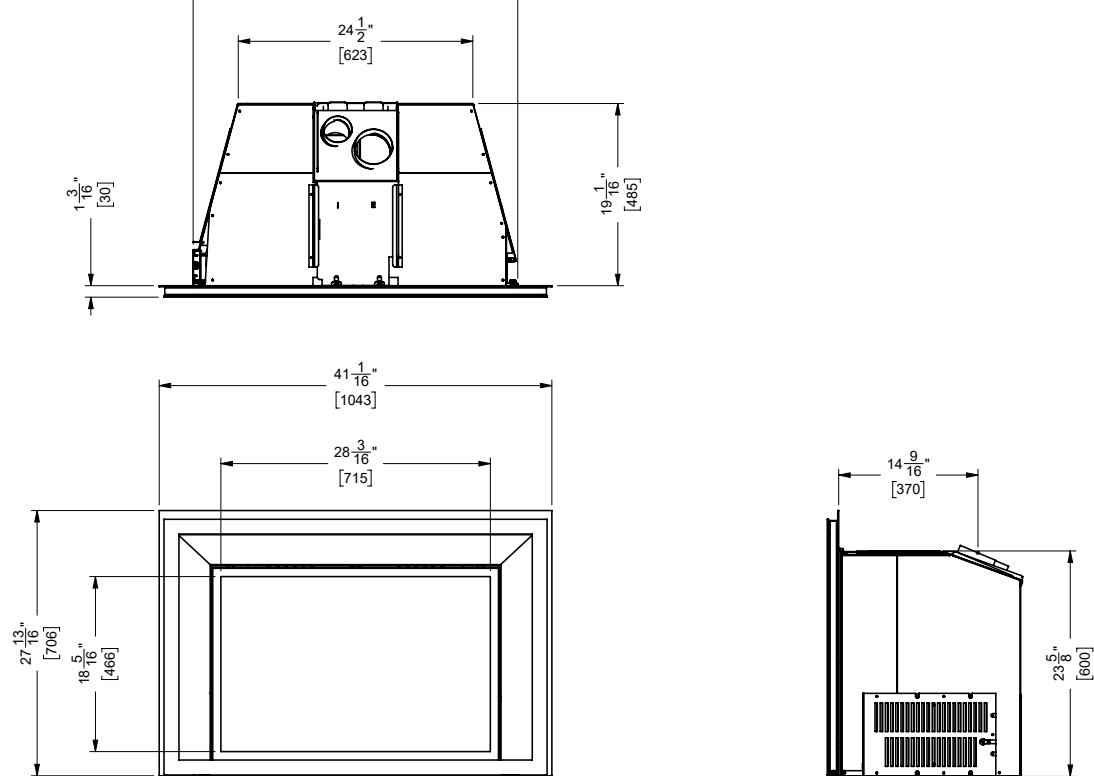
The minimum fireplace clearances & dimensions for the Regency gas insert are shown in the following diagrams:



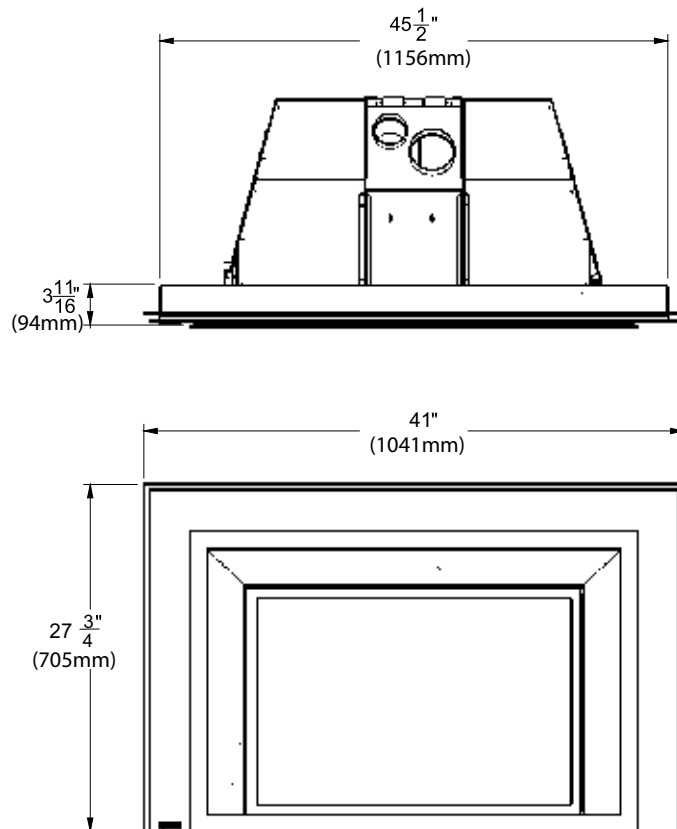
	Max Lentil Bar Depth A	Height B	Depth C	Width (rear) D	Width (front) E	Width F	Front Depth Prior to Taper G
Vignette Faceplate	12.5"	24"	19.5"	25"	34"	37"	4-3/4"
Vignette Faceplate w/ spacer	10"	24"	16.75"	25"	34"	35-3/8"	2-1/4"
Arched Faceplate	13.5"	25-3/4"	22-3/8"	25"	35-3/4"	37"	6"
Arched Faceplate w/ spacer	12"	24"	19.5"	25"	34"	36-1/4"	4-3/4"



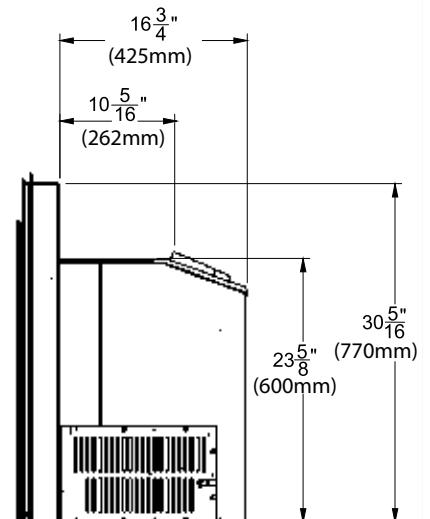
Unit Dimensions with Vignette Faceplate + Small 3 Sided Backing Plate



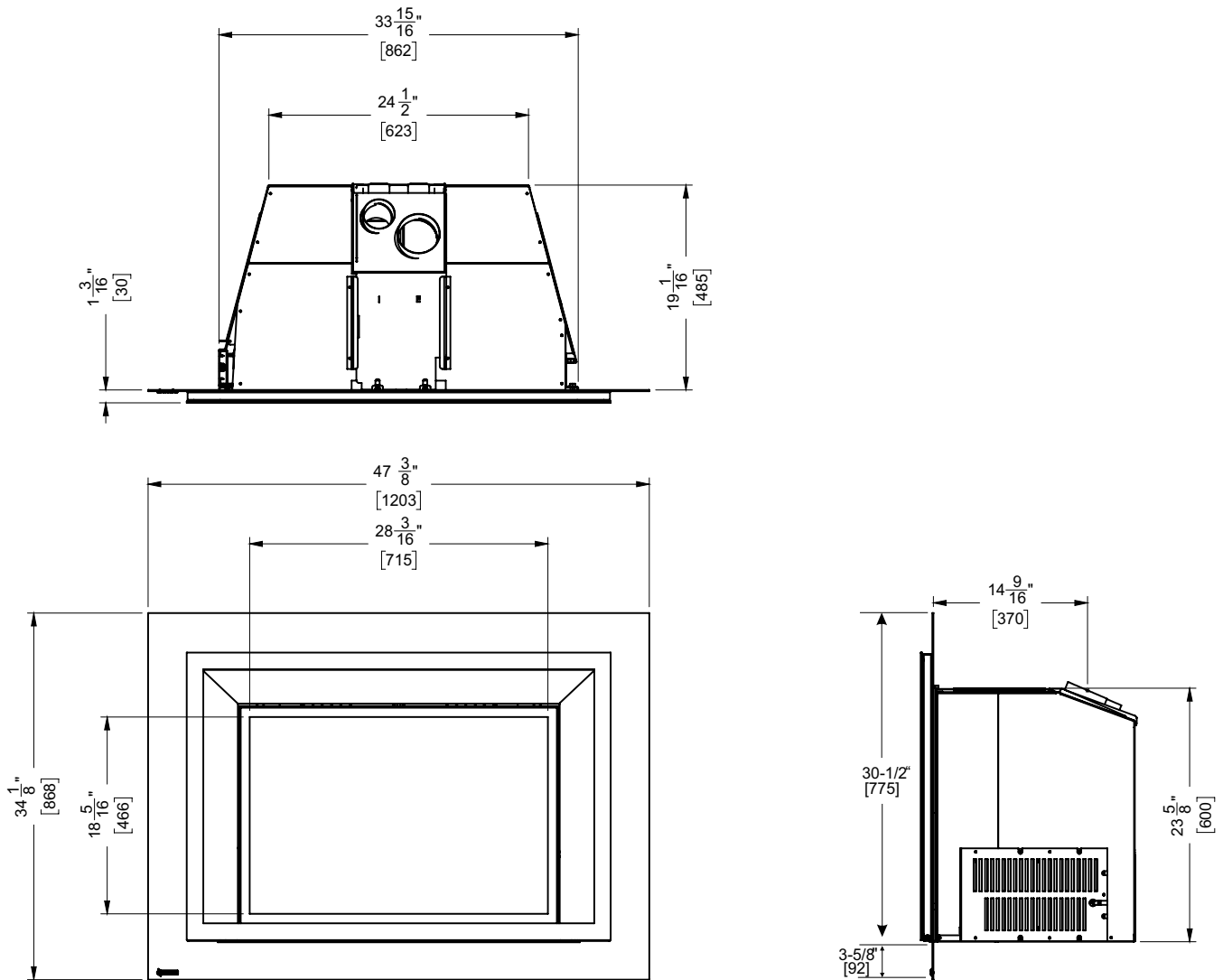
Unit Dimensions with Vignette Faceplate + Small Backing Plate + Spacer



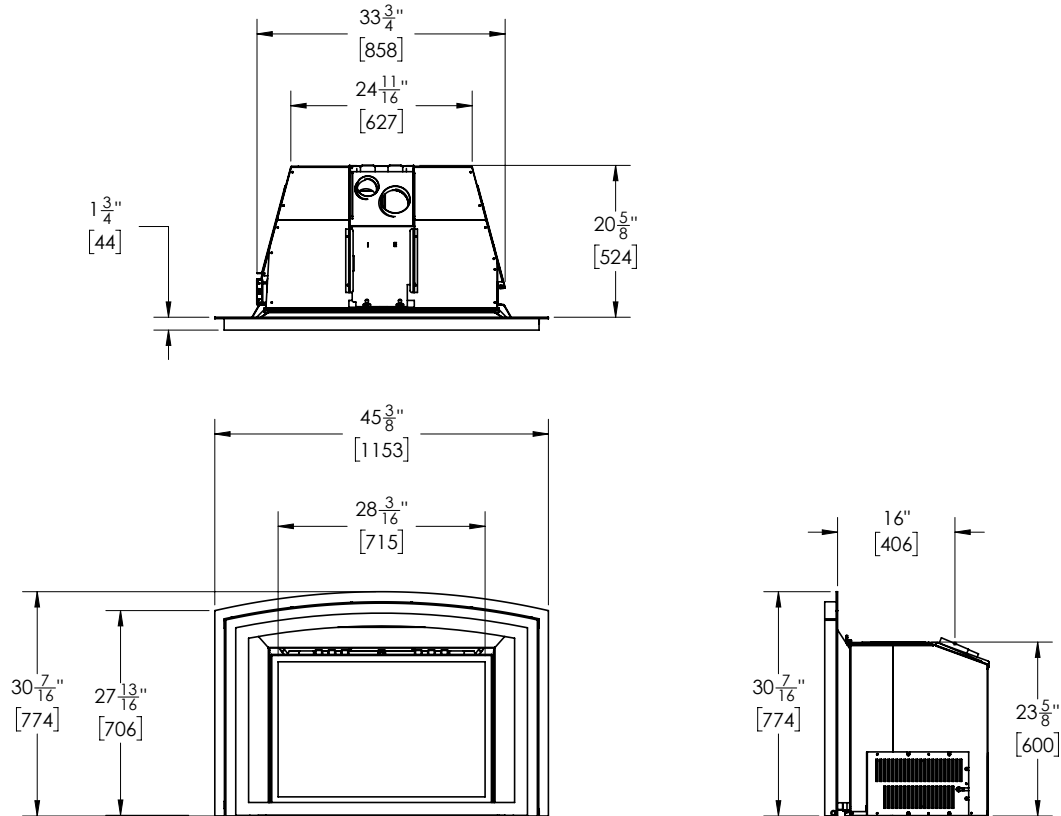
Not shown:
 Regular backing plate - $47\frac{3}{8}"$ W. x $30\frac{1}{2}"$ H.
 Oversize backing plate - $48\frac{3}{8}"$ W. x $33"$ H.



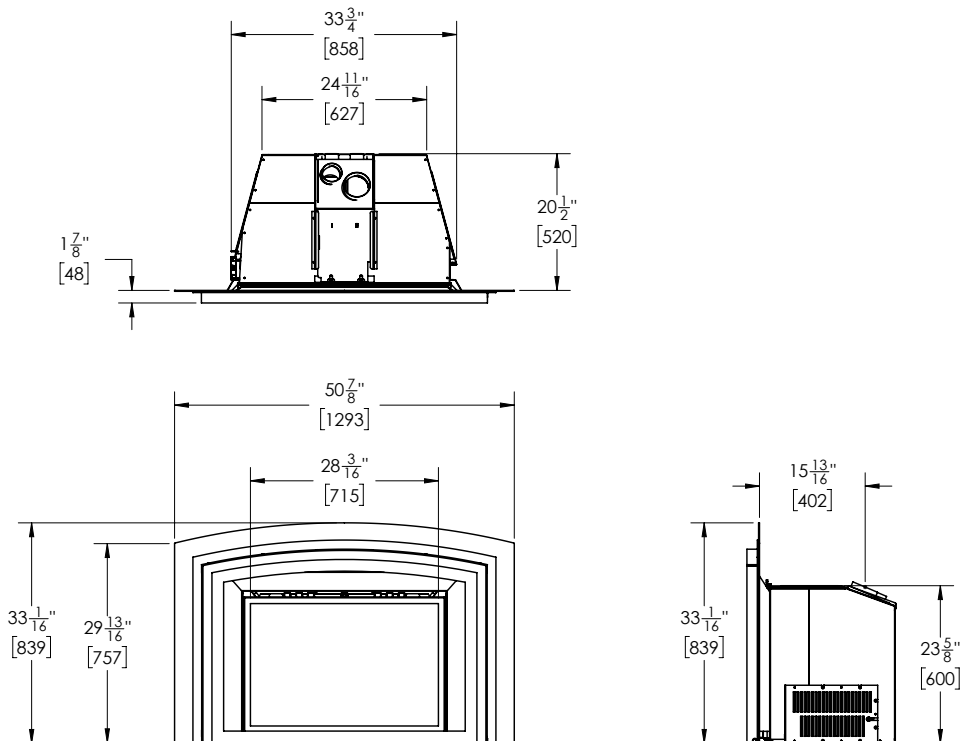
Unit Dimensions with 4 Sided Vignette Faceplate + Backing Plate



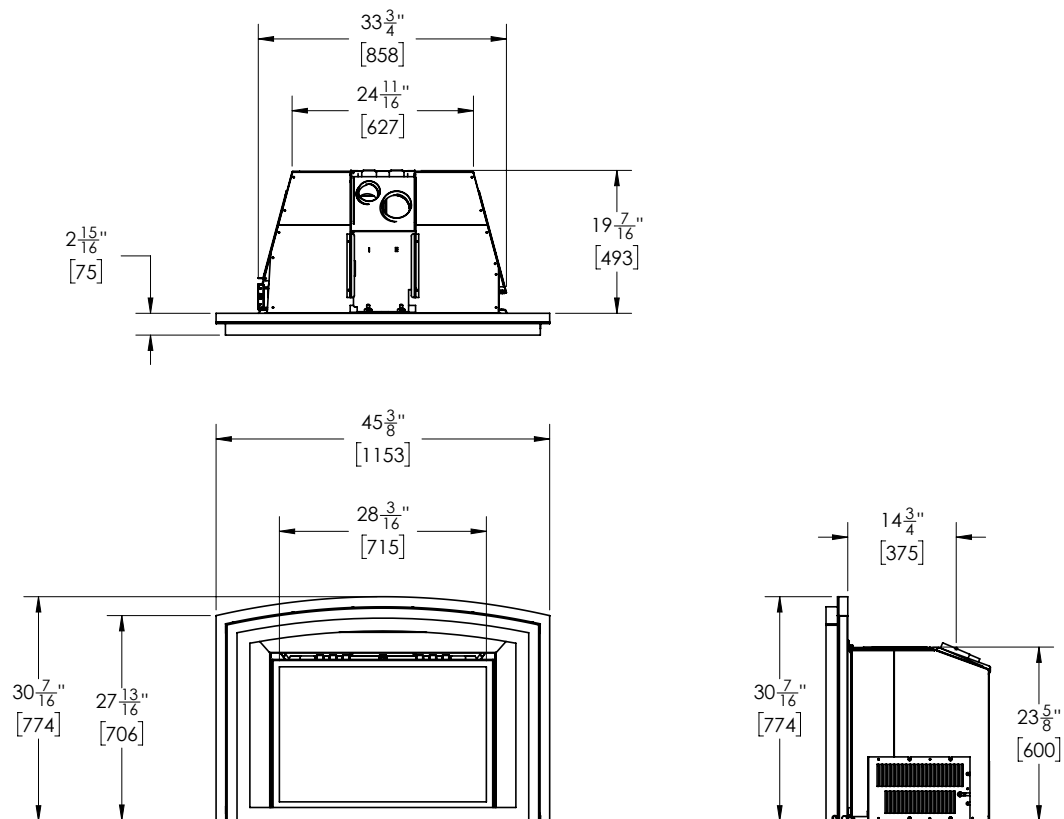
Unit Dimensions with Arched Vignette Faceplate (Optional)



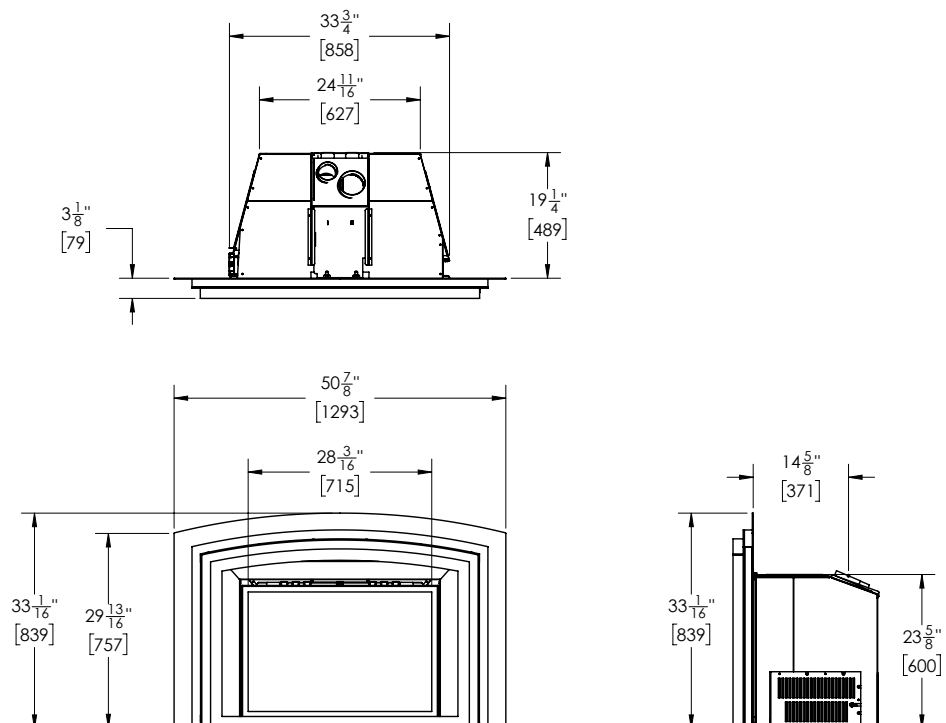
Unit Dimensions with Arched Vignette Faceplate + Backing Plate



Unit Dimensions with Arched Vignette Faceplate + Spacer



Unit Dimensions with Arched Vignette Faceplate + Spacer + Backing Plate



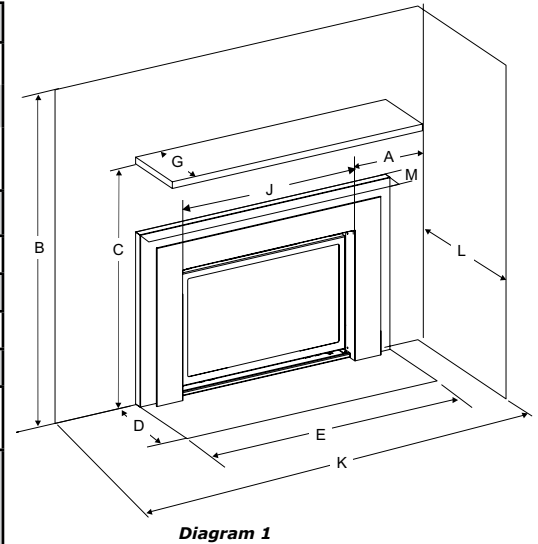
Minimum Clearances to Combustibles

The clearances listed below are minimum distances unless otherwise stated:

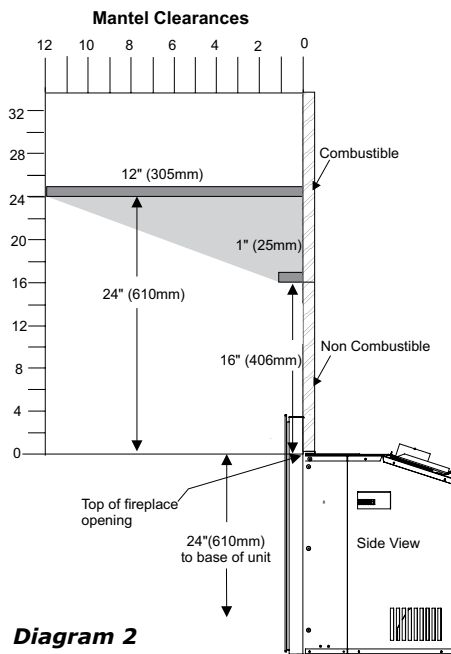
A major cause of fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this decorative gas appliance be installed only in accordance with these instructions.

Clearance:	Dimension	Measured From:
A: Sides	12" / 305 mm	***From inside edge of faceplate / doors
B: Ceiling	60" / 1524 mm	From Base of Unit
C: Mantel (Min. Height)*	*36" / 914mm 40" / 1016mm	From Base of Unit From Base of Unit
D: Min. Hearth Depth	14" / 356mm	
E: Min. Hearth Width	44" / 1016mm	
G: Max. Mantel Depth	12" / 305 mm	@ 48" (1219mm) from bottom of unit
K: Min. Alcove Width	56" / 1422 mm	
L: Max. Alcove Depth	36" / 914 mm	
M: Optional Mantel Deflector	3-1/2" / 89mm	

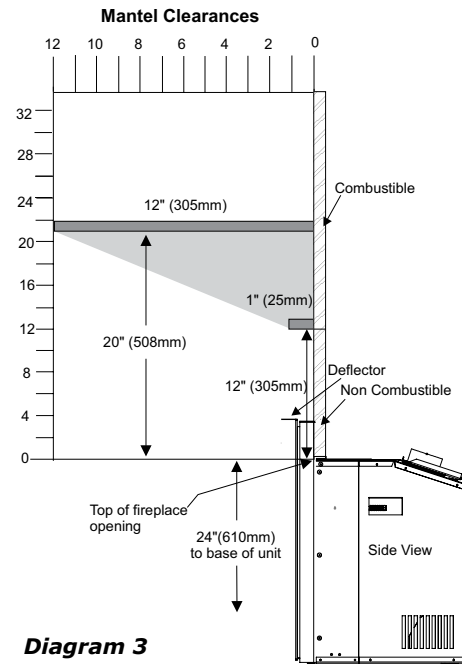
Notes: Non-combustible hearth required. If unit is raised 6" from the floor - no hearth is required.
 Otherwise: Min. Hearth requirements - An R value of 1.75 is required to meet the requirements of the hearth in front of this appliance. 1" of Calcium Silicate board available from Regency, part number (296-936) plus 3/8" tile or equivalent would meet this requirement.
 See part instruction sheet 919-133 for non-combustible Calcium Silicate board requirements.
 (J): ***Measured from inside edge of faceplate/doors - Reference Only: 31-9/16" (802mm)



MANTEL CLEARANCES WITHOUT DEFLECTOR



*MANTEL CLEARANCES WITH 3-1/2" DEFLECTOR



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.

Note: A 3-1/2" mantel deflector to reduce mantel height to 36" from bottom of unit @ 1" depth.

A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a noncombustible board. The non-combustible mantel when installed at a lower overall height may not be lower than 6 inches from the top of the fireplace opening.