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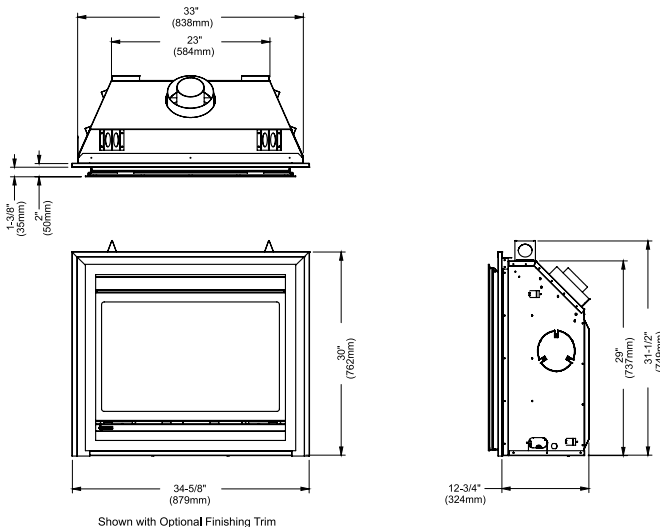
Obadiah's • 406-300-1776

P33-10/P33E-10 Gas Fireplace

Model	P33-NG10	P33-LP10	P33E-NG10	P33E-LP10
Fuel Type	Natural Gas	Propane	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	11" W.C. (2.74 kPa)	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)	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)	1.6" W.C. (0.39 kPa)	6.4" W.C. (1.59 kPa)
Orifice Size	#44 DMS	#55 DMS	#44 DMS	#55 DMS
Minimum Input Altitude 0-4500 ft. (0-1370m)	14,000 BTU/h (4.10 kW)	14,500 BTU/h (4.24 kW)	14,000 BTU/h (4.10 kW)	15,500 BTU/h (4.54 kW)
Maximum Input Altitude 0-4500 ft. (0-1370m)	20,000 BTU/h (5.86 kW)	18,000 BTU/h (5.28 kW)	20,000 BTU/h (5.86 kW)	19,500 BTU/h (5.71 kW)
Vent Sizing	4" Inner / 6 5/8" Outer	4" Inner / 6 5/8" Outer	4" Inner / 6 5/8" Outer	4" Inner / 6 5/8" Outer

Approved Venting Systems	
Flex Vent Systems:	FPI AstroCap™ Flex Vent
Rigid Pipe Vent Systems:	Simpson Direct Vent Pro® American Metal Products® Amerivent Direct Security Secure Vent® Selkirk Direct-Temp™ Metal-Fab® Sure Seal

P33 DIMENSIONS WITH VIGNETTE FACEPLATE



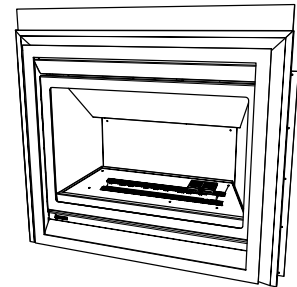
CLEARANCES WITH VIGNETTE FACEPLATE

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 in accordance with these instructions.



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.

Clearance to Combustibles from:

Back	0"	(0mm)
Side	0"	(0mm)
Floor	0"	(0mm)

Minimum Clearance from Top of Unit to:

Mantel*	min. 10" (254mm)
Ceiling	30" (762mm) from top of unit.
Side Wall Clearance	7 - 1/2" (191mm)

Minimum Vent Clearances:

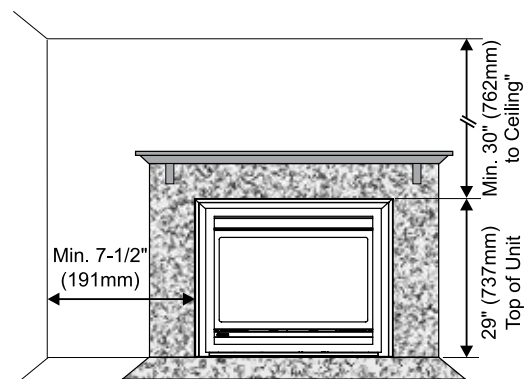
2-1/2" (64mm) Horizontal Top
1-1/2" (38mm) Horizontal Side
1-1/2" (38mm) Horizontal Bottom
1-1/4" (32mm) Vertical Vent Clearance (Rigid Vent)
1-1/2" (38mm) Vertical Vent Clearance (Flex Vent)

NOTE: The minimum floor clearance must be maintained from the top surface of the carpeting, tile, etc.

Alcove Clearances:

Max. Depth	36" (914mm)
Min. Width	48" (1219mm)
Min. Height	59" (1499mm)

*See Mantel Clearance Instructions.



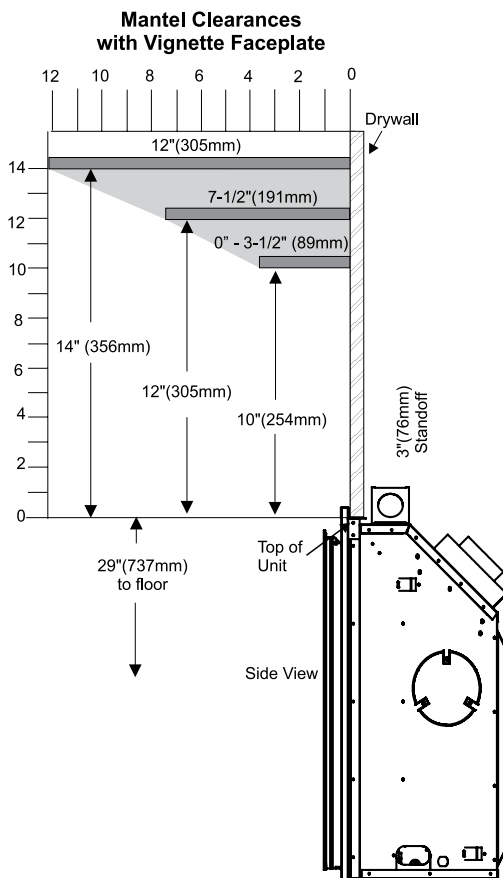
COMBUSTIBLE MANTELS

Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of unit are shown in the diagram below.

Note: 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.

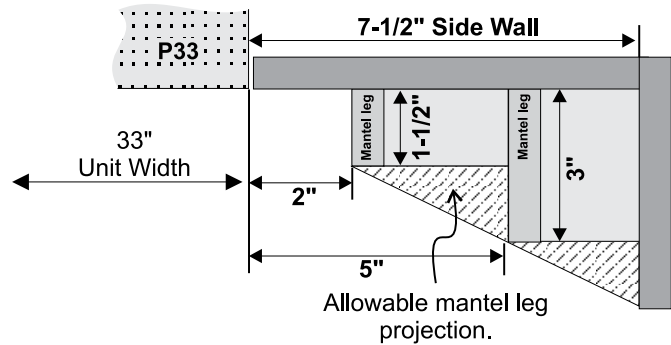
Note: Ensure the paint that is used on the mantel and the facing is "heat resistant" or the paint may discolour.

Combustible mantel leg clearances as per diagrams below:



MANTEL LEG CLEARANCES WITH VIGNETTE FACEPLATE

Combustible mantel leg clearances from side of unit as per diagram:

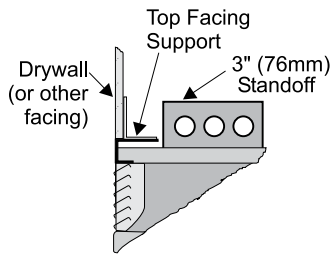


Maximum 1-1/2" projection at 2" minimum clearance.

FRAMING AND FINISHING

- 1) Determine the total thickness of facing material (e.g. drywall plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick.

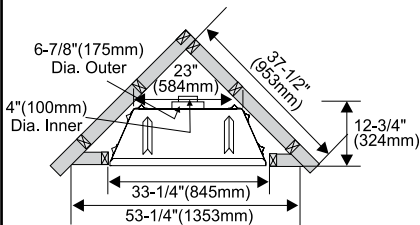
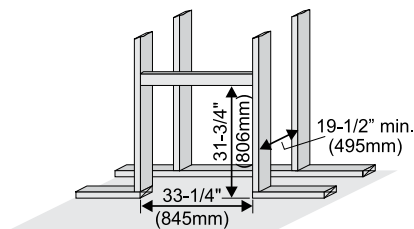
Install Side Nailing Strips, and Top Facing Support before unit is slipped into position. See "Unit Assembly Prior to Installation" Section



- 2) Frame in the enclosure for the unit with framing material.

Vertical Termination or Vertical Rise with Horizontal Termination

For Both Rigid & Flex

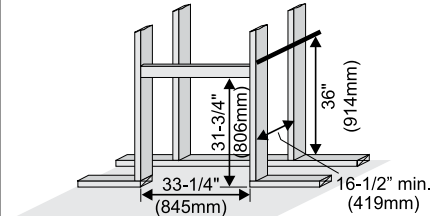


NOTE: If this is an outside corner, the minimum distance between the vent and the outside corner is 6" (15cm) with AstroCap termination cap or 12" (30cm) with Rigid Vent termination cap. (For example Dura-Vent).

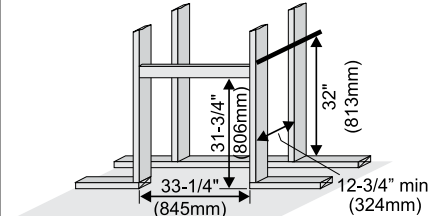
NOTE: Framing is different when using the faceplate option. See framing section when using faceplate in this manual.

Rear Termination

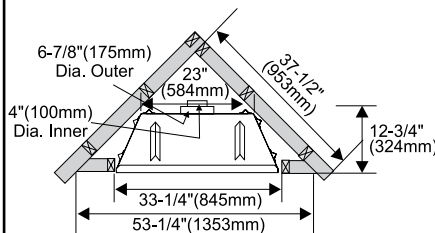
For Rigid Vent



For Flex Vent



For Both Rigid & Flex

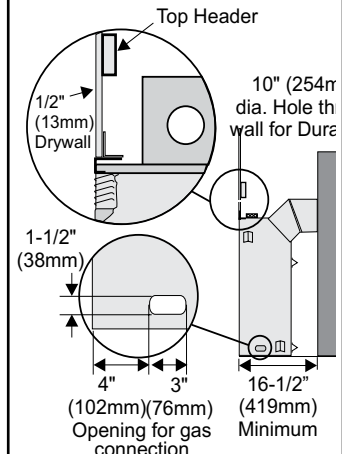


NOTE: If this is an outside corner, the minimum distance between the vent and the outside corner is 6" (15cm) with AstroCap termination cap or 12" (30cm) with Rigid Vent termination cap. (For Example Dura-Vent).

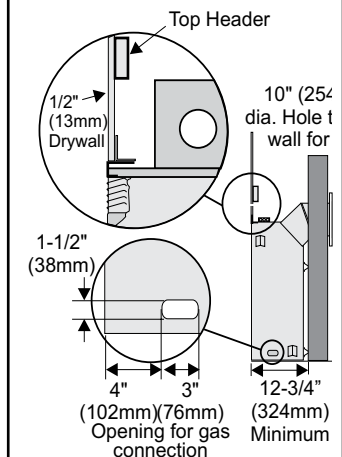
- 3) For exterior walls, insulate the enclosure to the same degree as the rest of the house, apply vapour barrier and drywall, as per local installation codes. **(Do not insulate the fireplace itself.)**
- 4) The top of the unit must not be closer than 30" (762mm) to the ceiling.
- 5) Combustible material may be brought up to the top and sides of the unit and be covered with ceramic tiles, bricks, rock or other suitable combustible finishing materials.

Note: The unit does not have to be completely enclosed in a chase. The clearance on top of the unit is 0" to the standoffs so combustible building materials can be laid directly on top of the standoffs. You must maintain clearance from the vent to combustible materials for flex or for Rigid Vent (Refer to "Clearances" Section)

Rigid Vent Minimum Clearances



Flex Vent Minimum Clearances



- 6) Use steel studs for framing where the 1-1/2" (38mm) clearance from the vent to combustible material cannot be maintained.



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

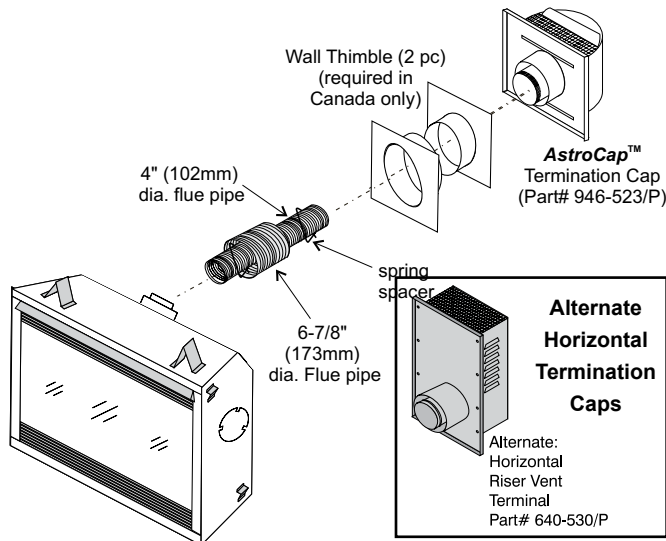
Please refer to Exterior Vent Terminations for additional guidelines on vent locations.

REGENCY® DIRECT VENT FLEX SYSTEM Horizontal Terminations Only

This venting system, in combination with the P33 Direct Vent Gas Fireplace, have been tested and listed as a direct vent heater system by Warnock Hersey/Intertek. The location of the termination cap must conform to the requirements in the "Exterior Vent Terminal Locations" Section.

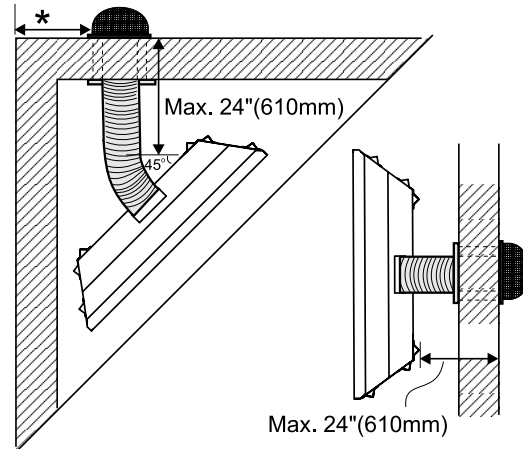
Regency® Direct Vent Flex Termination Kit (Part # 946-513) includes all the parts needed to install the P33E-10 with a maximum run of 2 feet. If installing the P33E with a **continuous** vent length of more than 2 ft (.6m) to a maximum of 10 ft. (3.0m) use Kit # 946-515 (4 ft) or 946-516 (10 ft) or see "Rigid Pipe Venting Systems" Section for alternate venting arrangements.

- 1) 6-7/8" diameter flexible liner (2 ft. length)
- 2) 4" diameter flexible liner (2 ft. length)
- 3) Spring spacers (3)
- 4) Wall 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)



P33E-10/P33E-10 Gas Fireplace

*If this is an outside corner, the minimum distance between the vent and the outside corner is 6" (15cm) with **AstroCap** termination cap or 12" (30cm) with Dura-Vent termination cap. See "F" in the diagram in "Exterior Vent Termination Locations" Section.



RIGID PIPE VENTING SYSTEMS

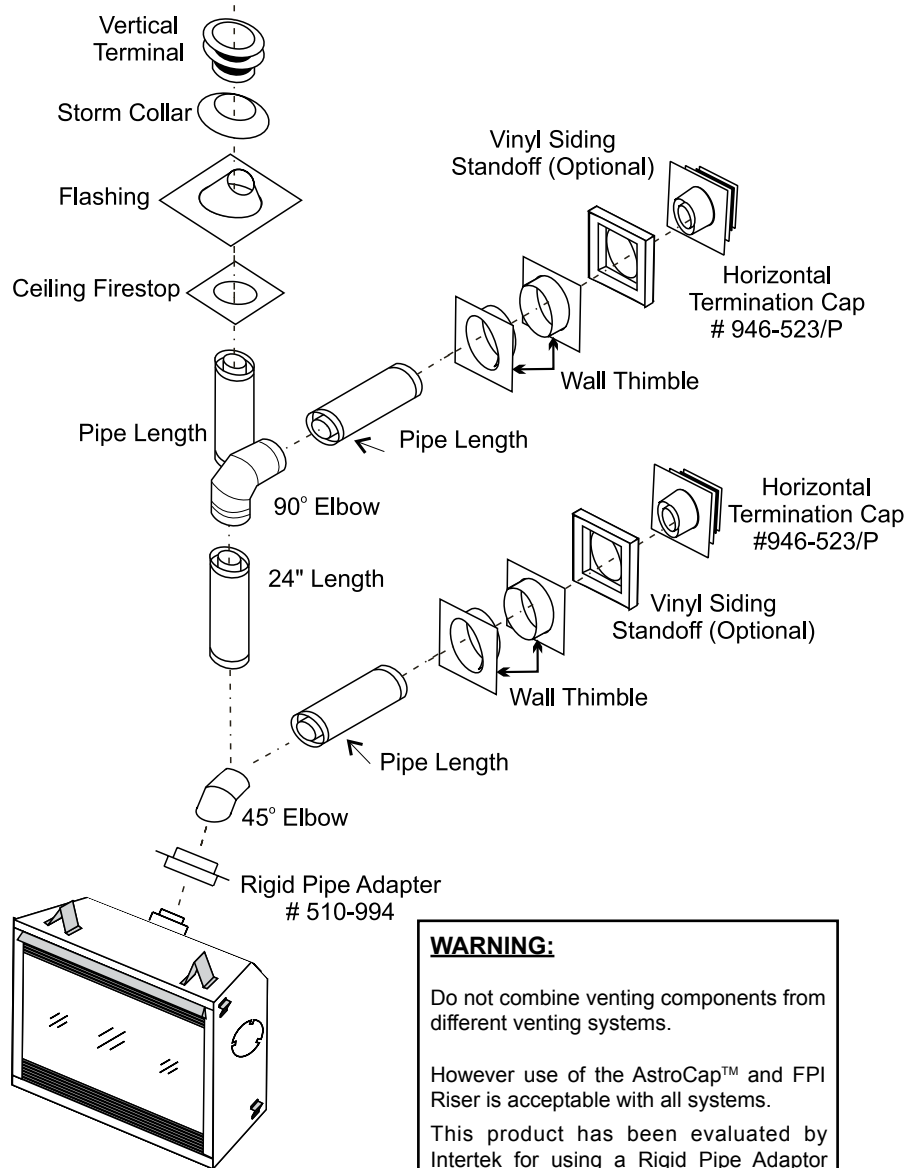
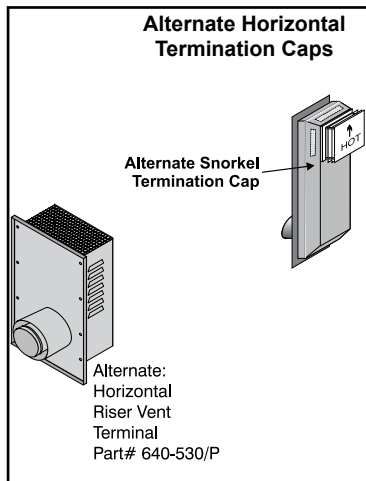
Horizontal or Vertical Terminations

The minimum components required for a basic horizontal termination are:

- 1 **AstroCap** Horizontal Termination Cap
- 1 45° Elbow
- 1 Rigid Pipe Adaptor
- 1 Wall Thimble
- 1 Length of pipe to suit wall thickness (see chart)

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.

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.



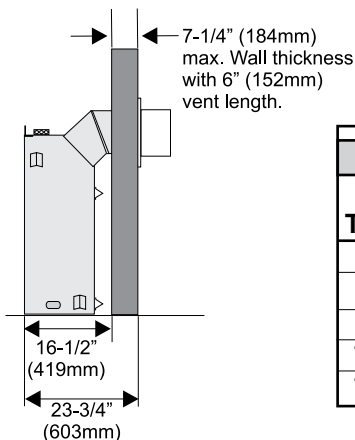
WARNING:

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 and Security Secure Vent systems. Use of these systems with the Rigid Pipe adaptor is deemed acceptable and does not affect the Warnok Hersey/Intertek listing of components.

When using Rigid Vent other than Simpson Dura-Vent, 3 screws must be used to secure rigid pipe to adaptor.

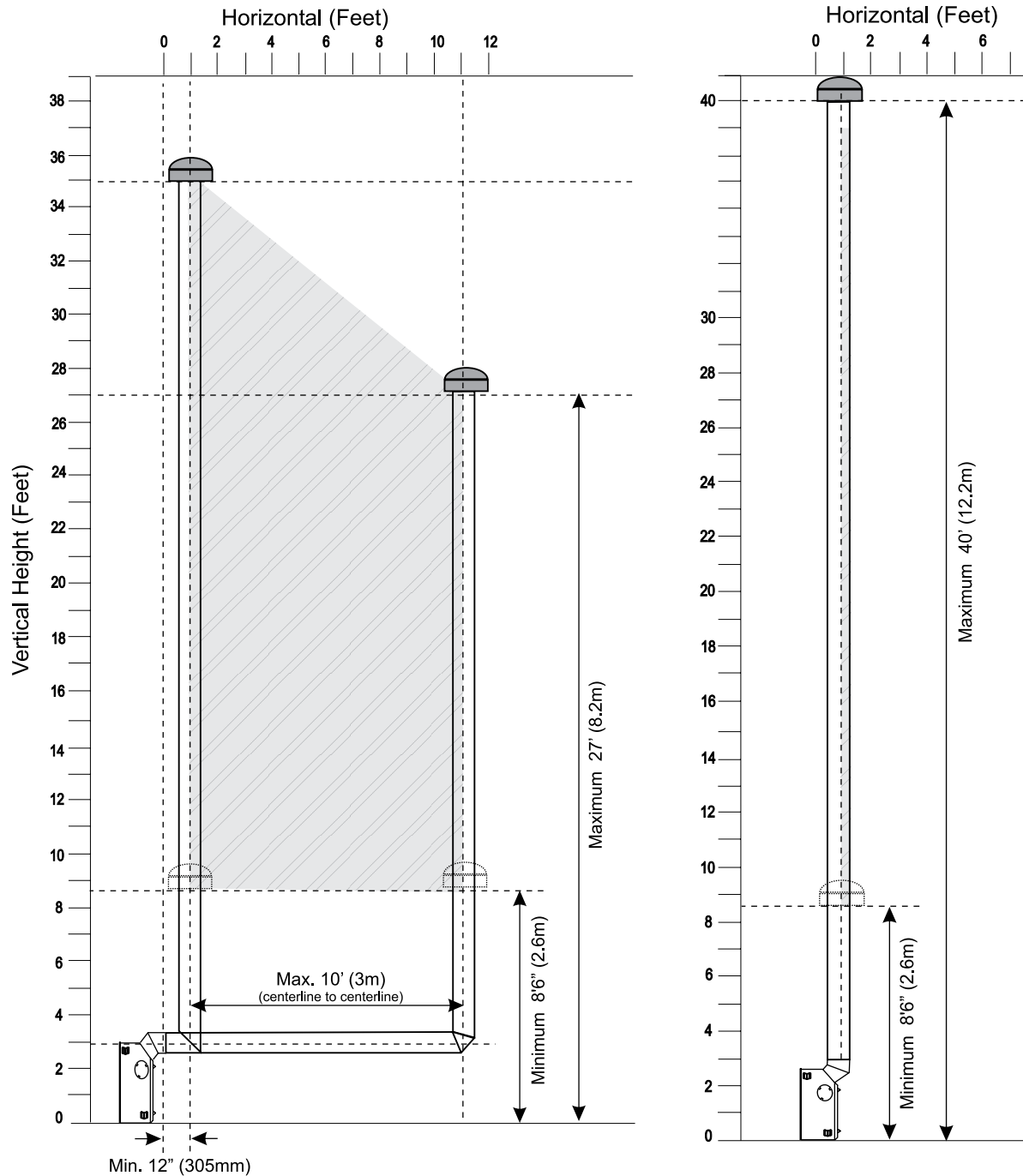


Flat Wall Installation	
Max. Wall Thickness (inches)	Vent Length Required (inches)
7 - 1/4"	6"
10 - 1/4"	9"
13 - 1/4"	12"
12-1/4" - 15-7/8"	11" - 14-5/8" Adj. Pipe
18-1/4" - 25-1/4"	11" - 14-5/8" Adj. Pipe

The FPI AstroCap™ and FPI Riser Vent terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent Pro, American Metal Products Ameri Vent Direct Vent, Security Secure Vent®, Selkirk Direct-Temp. AstroCap™ is a 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.

RIGID PIPE VENTING ARRANGEMENTS Vertical Terminations (Propane & Natural Gas)

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations, using one 90° elbow, 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 adapter when using rigid vent systems (Part # 510-994).

Gas Fireplaces

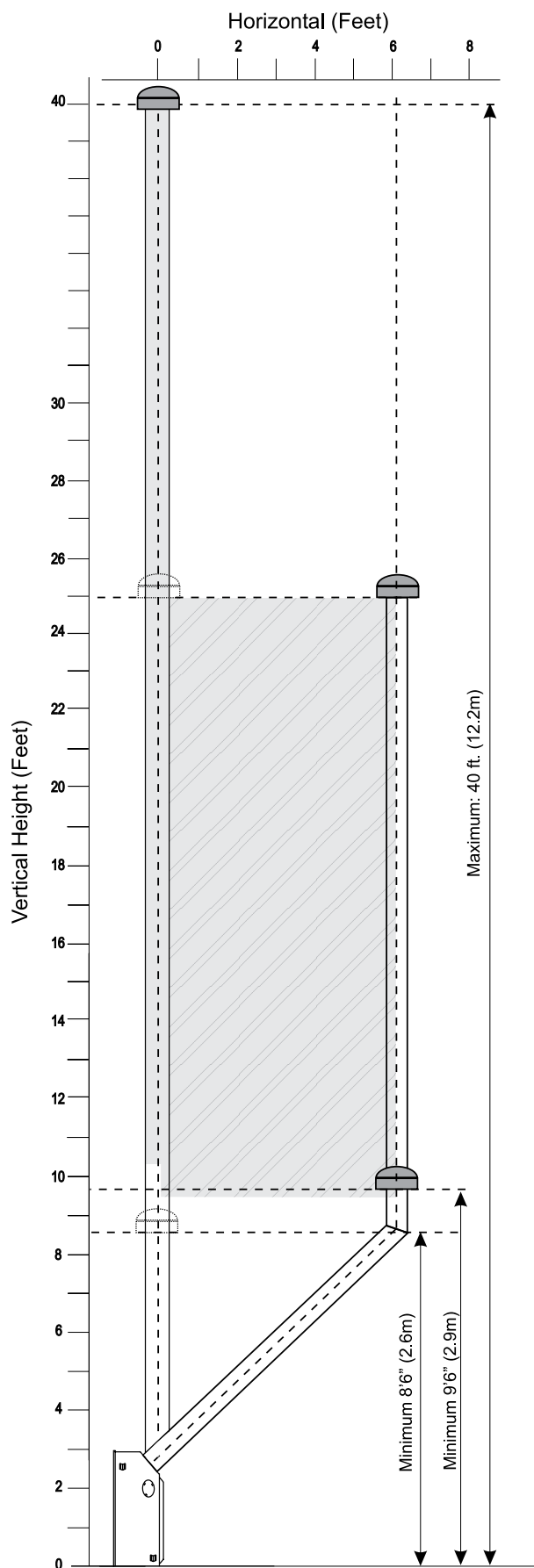


P33-10/P33E-10 Gas Fireplace

The P33 is approved for a maximum 40 ft. straight vertical, with **rigid pipe** vent systems for Propane and Natural Gas.

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations with **rigid pipe** vent systems for Propane and Natural Gas. Maximum 2 x 45° elbows allowed.

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



RIGID PIPE VENTING ARRANGEMENTS

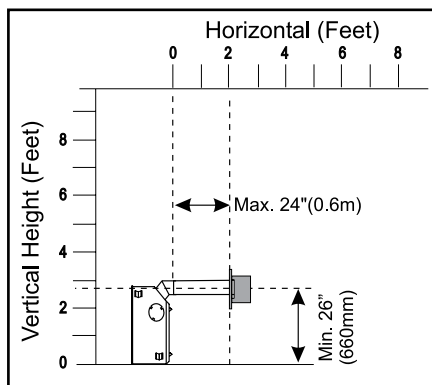
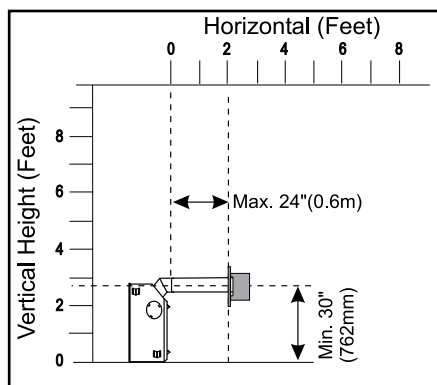
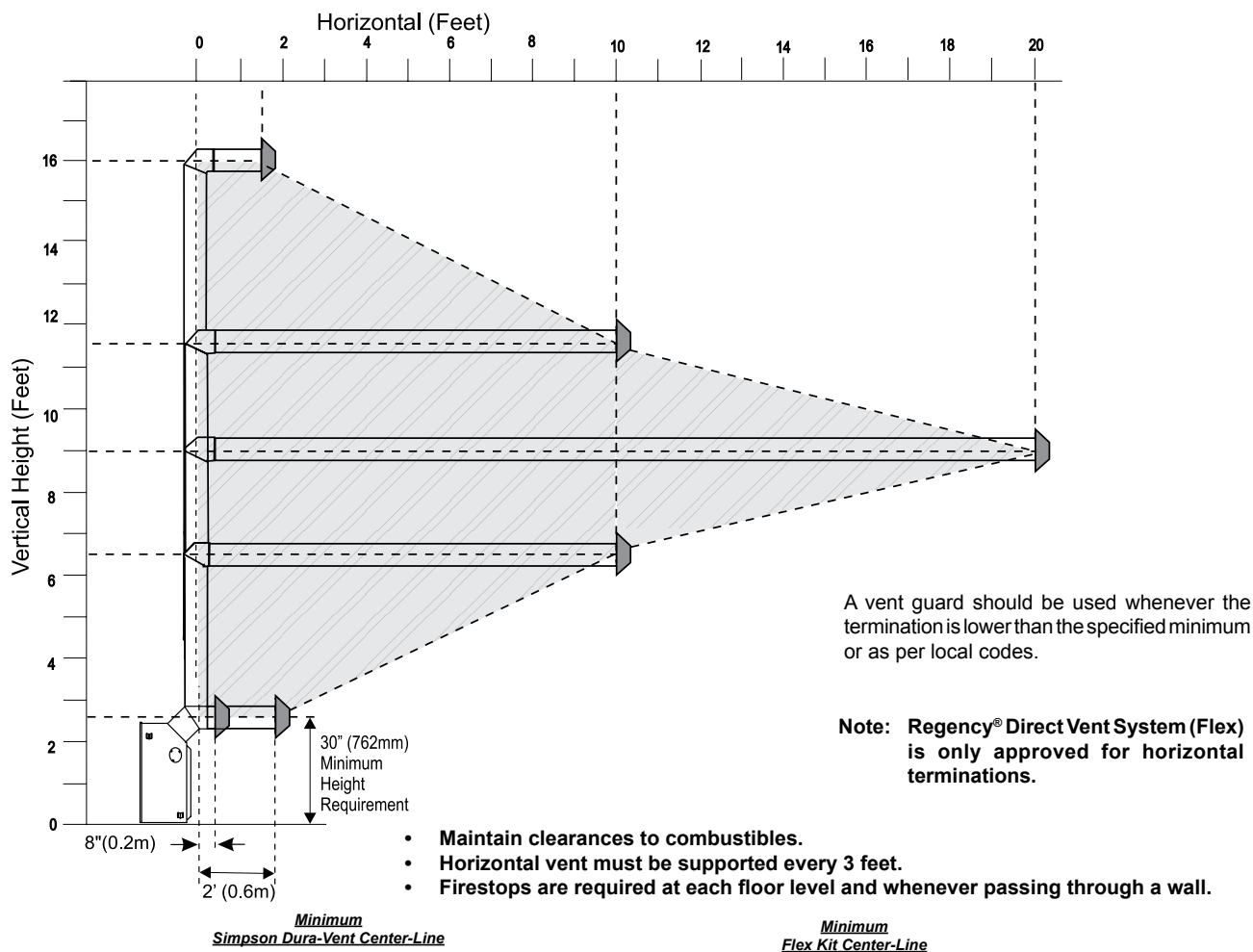
Horizontal Terminations

REGENCY® DIRECT VENT SYSTEM (FLEX)

(Propane & Natural Gas)

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

Note: Must use optional rigid pipe adaptor (Part # 510-994) when using rigid pipe vent systems. (Refer "Rigid Pipe Venting Systems" Section)

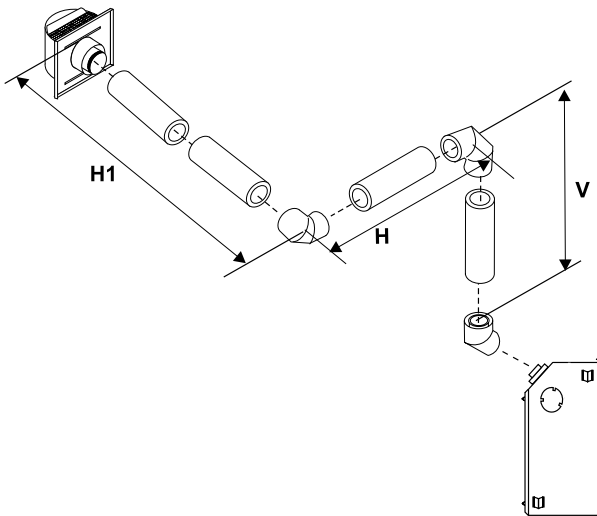


P33-10/P33E-10 Gas Fireplace

Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

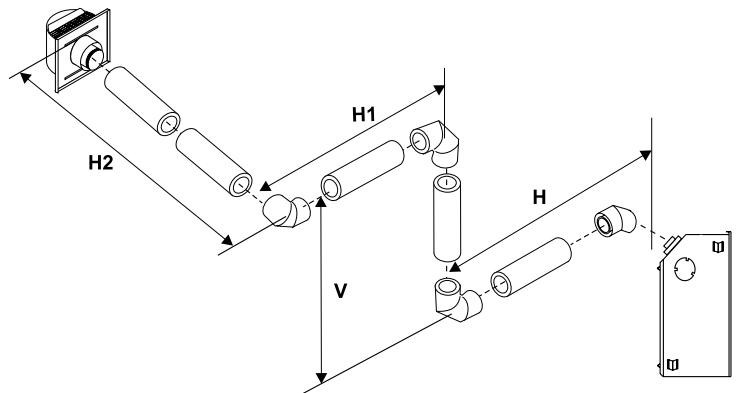
Option	V	H + H1	With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>
A)	1' Min.	3' Max.	
B)	2' Min.	4' Max.	
C)	3' Min.	5' Max.	
D)	4' Min.	6' Max.	
F)	6' Min.	8' Max.	



Horizontal Venting with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

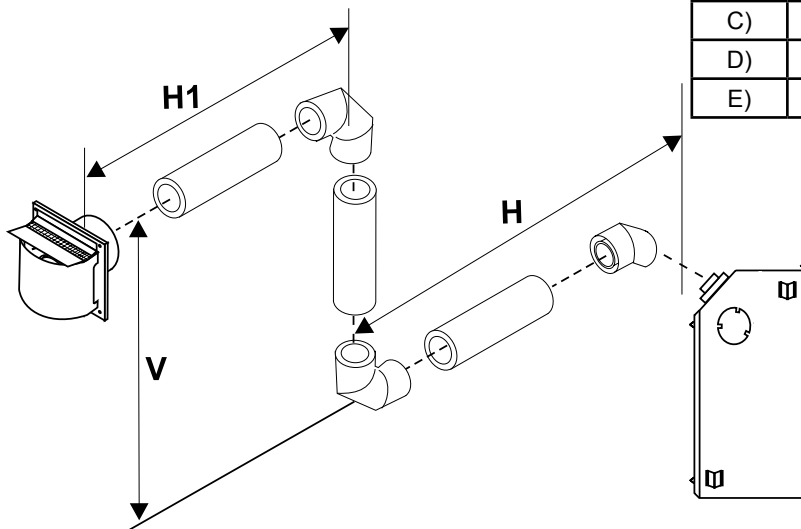
Option	H	V	H+H1+H2	With these options, maximum total pipe length is 30 feet with minimum of 11 feet total vertical and maximum 9 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>
A)	1' Max.	1' Min.	3' Max.	
B)	2' Max.	3' Min.	5' Max.	
C)	3' Max.	5' Min.	6' Max.	
D)	4' Max.	7' Min.	7' Max.	
F)	6' Max.	11' Min.	9' Max.	



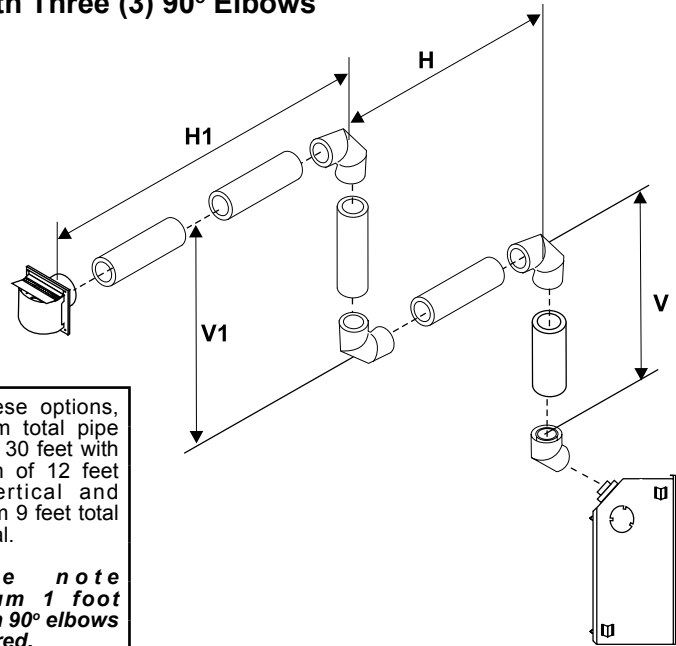
Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

Option	H	V	H+H1	With these options, maximum total pipe length is 30 feet with minimum of 8 feet total vertical and maximum 8 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>
A)	1' Max.	1' Min.	3' Max.	
B)	2' Max.	2' Min.	5' Max.	
C)	3' Max.	4' Min.	6' Max.	
E)	5' Max.	8' Min.	8' Max.	



Horizontal Venting with Three (3) 90° Elbows



One 90° elbow = Two 45° elbows.

Option	V	H	V+V1	H+H1	With these options, maximum total pipe length is 30 feet with minimum of 12 feet total vertical and maximum 9 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>
A)	2' Min.	1' Max.	3' Min.	4' Max.	
B)	3' Min.	2' Max.	4' Min.	5' Max.	
C)	4' Min.	3' Max.	6' Min.	6' Max.	
D)	5' Min.	4' Max.	8' Min.	7' Max.	
E)	6' Min.	5' Max.	10' Min.	8' Max.	
F)	7' Min.	6' Max.	12' Min.	9' Max.	

Vertical Venting with Two (2) 90° Elbows

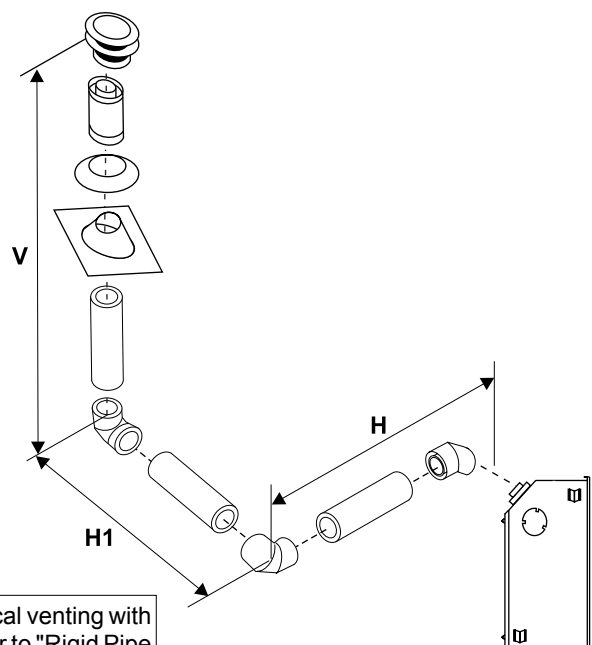
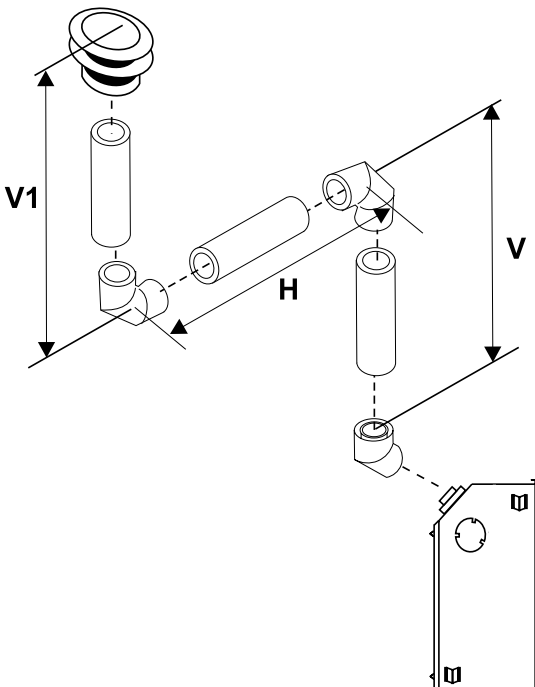
One 90° elbow = Two 45° elbows.

Option	V	H	V+V1	With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>
A)	1' Min.	4' Max.	2' Min.	
B)	2' Min.	5' Max.	3' Min.	
C)	3' Min.	6' Max.	4' Min.	
D)	4' Min.	7' Max.	5' Min.	
E)	5' Min.	8' Max.	6' Min.	

Vertical Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

Option	H + H1	V	With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 6 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>
A)	2' Max.	2' Min.	
B)	3' Max.	3' Min.	
C)	4' Max.	4' Min.	
D)	5' Max.	5' Min.	
E)	6' Max.	6' Min.	



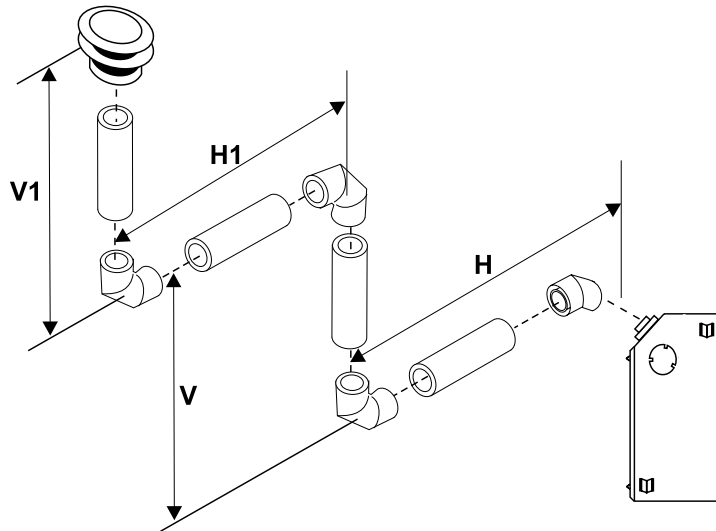
For additional vertical venting with 2 x 90° elbows, refer to "Rigid Pipe Venting Arrangements" Section.

Vertical Venting with Three (3) 90° Elbows

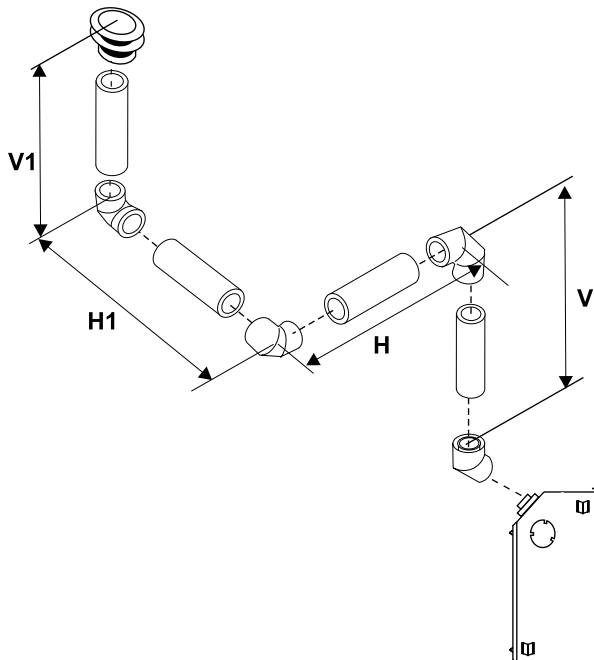
One 90° elbow = Two 45° elbows.

Option	H	V	H + H1	V + V1
A)	1' Max.	1' Min.	3' Max.	3' Min.
B)	2' Max.	2' Min.	4' Max.	5' Min.
C)	3' Max.	3' Min.	5' Max.	7' Min.
D)	4' Max.	4' Min.	6' Max.	9' Min.
E)	5' Max.	5' Min.	7' Max.	11' Min.

With these options, max. total pipe length is 30 feet with min. of 11 feet total vertical and max. 7 feet total horizontal.
Please note min. 1 foot between 90° elbows is required.



Vertical Venting with Three (3) 90° Elbows



One 90° elbow = Two 45° elbows.

Option	V	H + H1	V + V1
A)	2' Min.	3' Max.	4' Min.
B)	3' Min.	4' Max.	6' Min.
C)	4' Min.	5' Max.	7' Min.
D)	5' Min.	6' Max.	8' Min.
E)	6' Min.	7' Max.	9' Min.
F)	7' Min.	8' Max.	10' Min.

With these options, max. total pipe length is 30 feet with min. of 10 feet total vertical and max. 8 feet total horizontal.
Please note min. 1 foot between 90° elbows is required.

VERTICAL TERMINATION WITH CO-LINEAR FLEX SYSTEM IN A MASONRY CHIMNEY

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 - Vertical Terminations" Section for minimum and maximum heights.

Required Parts:

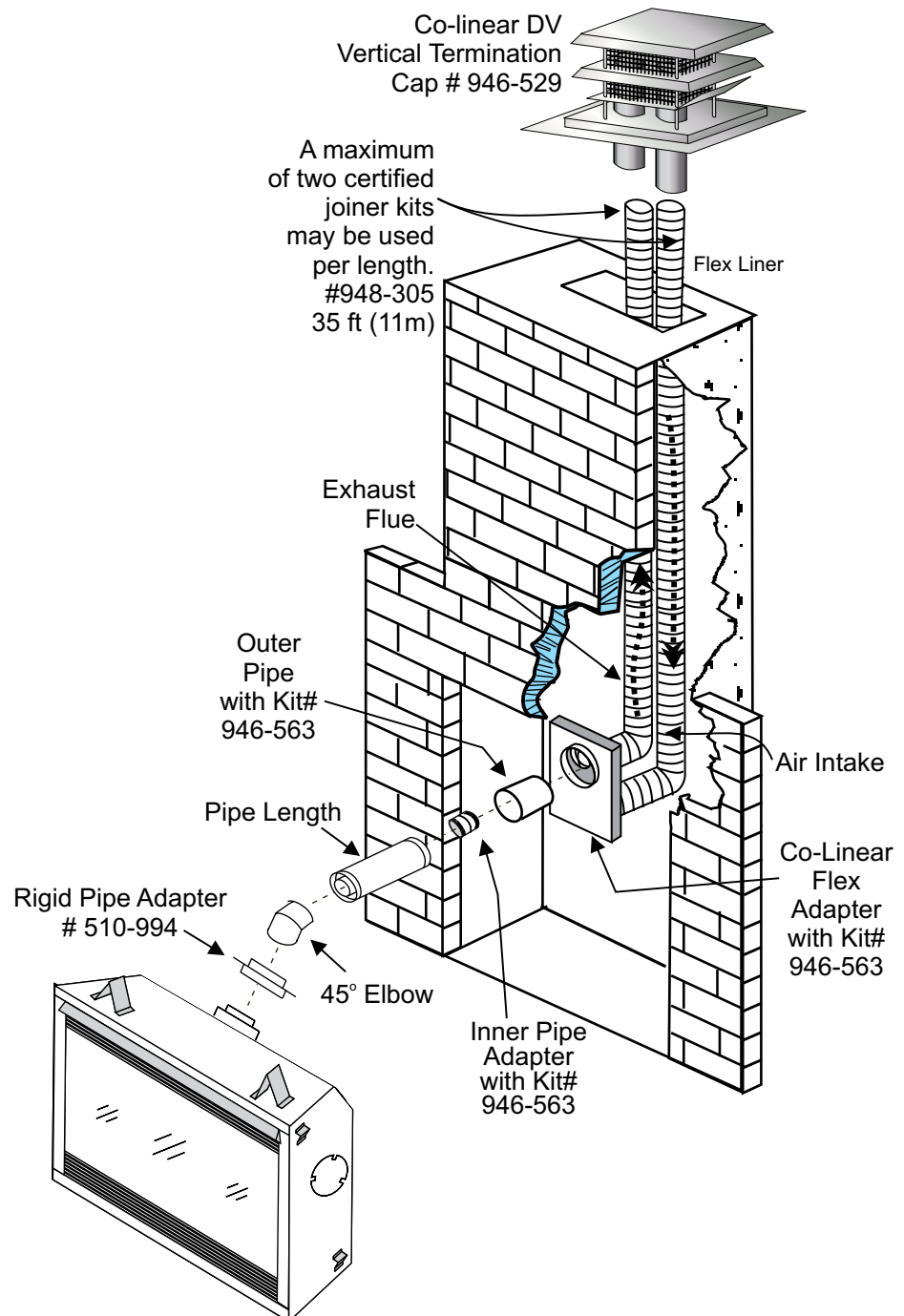
Part #	Description
946-529	Co-linear DV Vertical Termination Cap
948-305	3" Flex - 35 ft.
946-563	Co-Axial to Co-Linear Adapter Kit
	which contains the Co-linear Flex Outer Pipe
	Inner Pipe Adapter
510-994	Rigid Pipe Adaptor
46DVA-E45	45° Elbow

Alternate Approved Caps

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

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

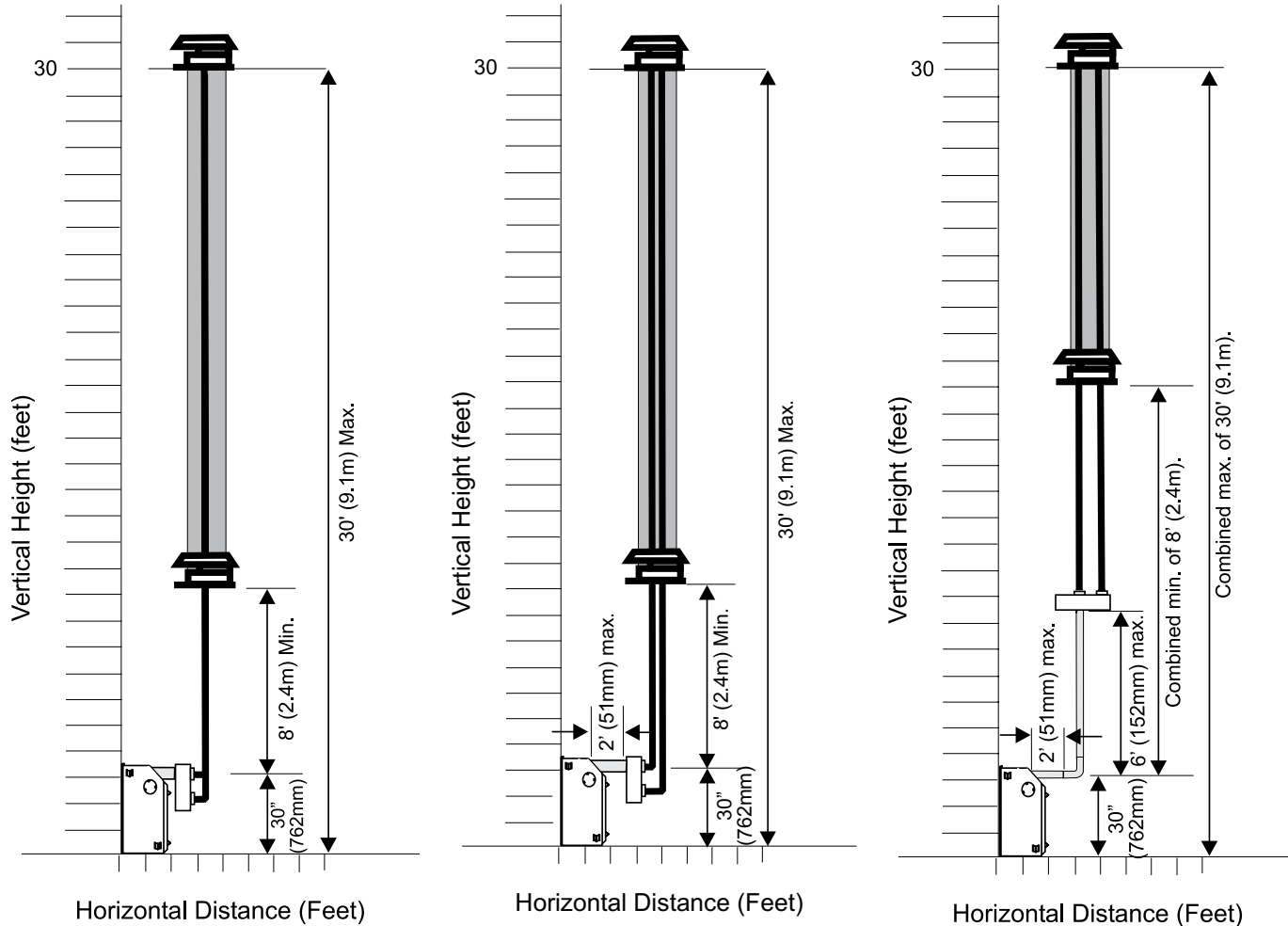
The Air Intake pipe must be attached to the inlet air collar of the termination cap.



P33-10/P33E-10 Gas Fireplace

VENTING ARRANGEMENTS - VERTICAL TERMINATIONS with Co-linear Flex System for both Residential & Manufactured Homes into Masonry Fireplaces

The shaded area in the diagrams show the allowable vertical terminations. The shaded area in the diagrams show the allowable vertical terminations.



The shaded area in the diagrams show the allowable vertical terminations.