

# Gas Fireplaces



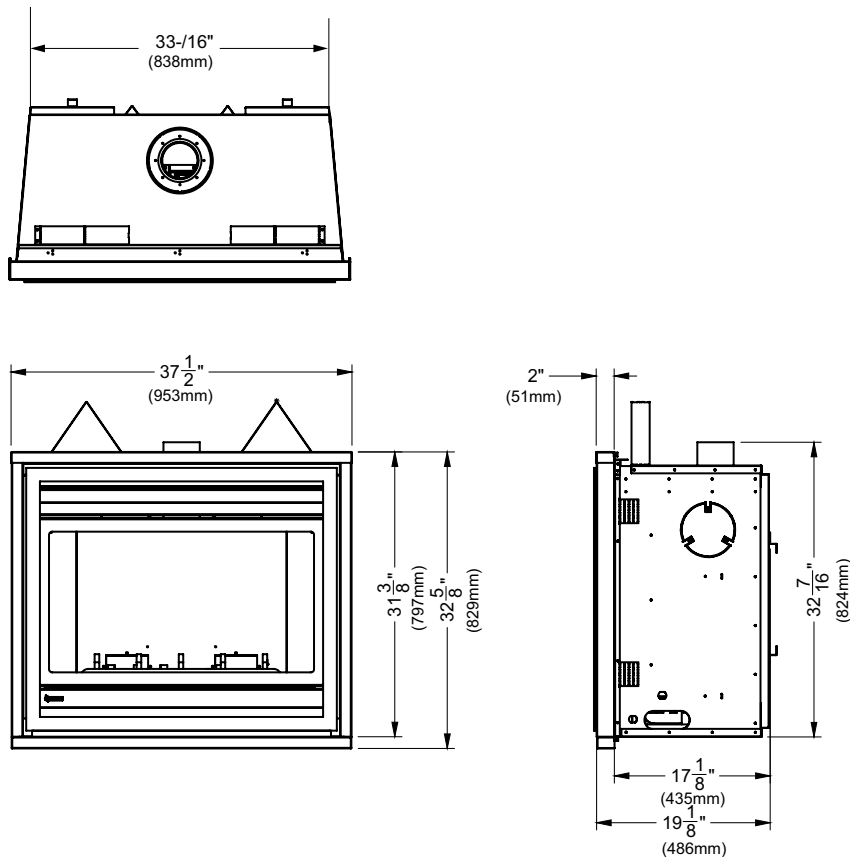
## P36DE Gas Fireplace

Model	P36DE-NG11	P36DE-LP11
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. (0.40 kPa)	6.4" W.C. (1.59 kPa)
Orifice Size	#37 DMS	#52 DMS
Minimum Input	21,000 BTU/h (6.15 kW)	23,500 BTU/h (6.99 kW)
Maximum Input	30,000 BTU/h (8.79 kW)	30,000 BTU/h (8.79 kW)
Vent Sizing	4" Inner / 6-5/8" Outer	4" Inner / 6-5/8" Outer
CSA P.4.1	68.89%	71.56%

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 ICC Excel Direct



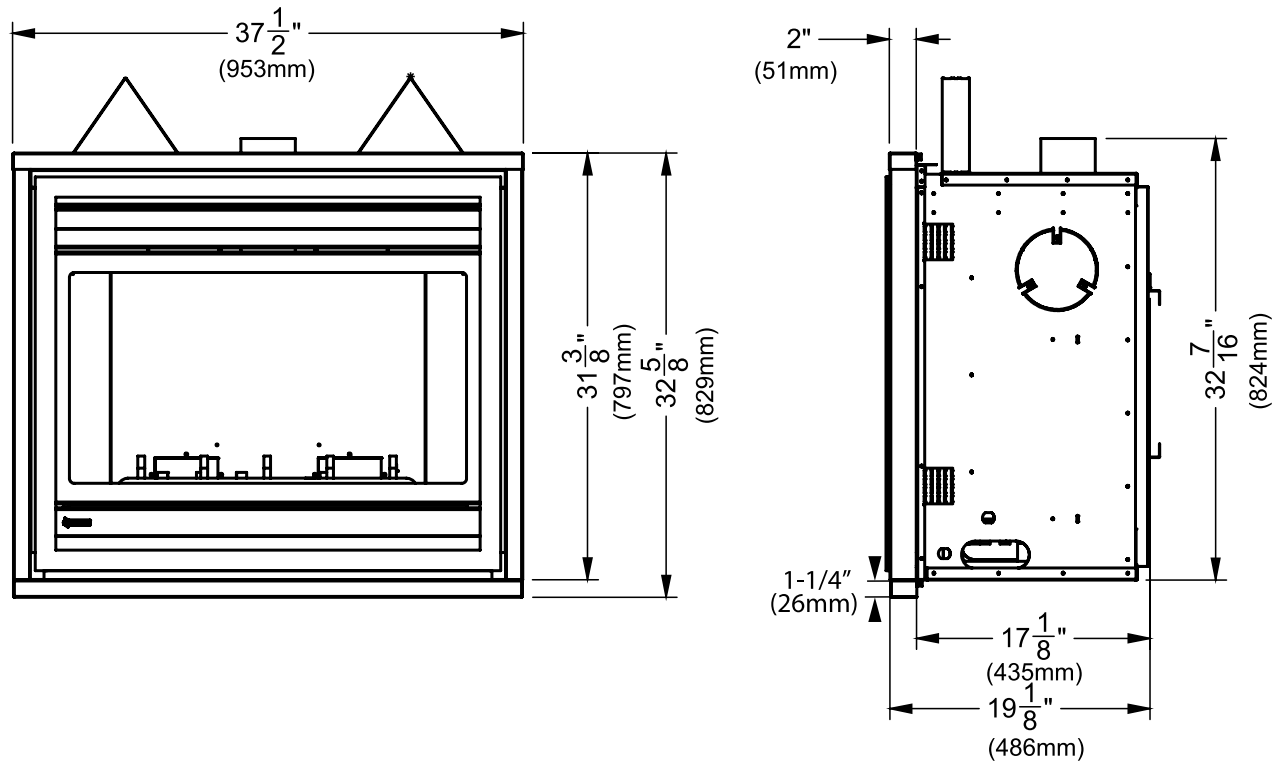
## Unit Dimensions With Vignette Faceplate



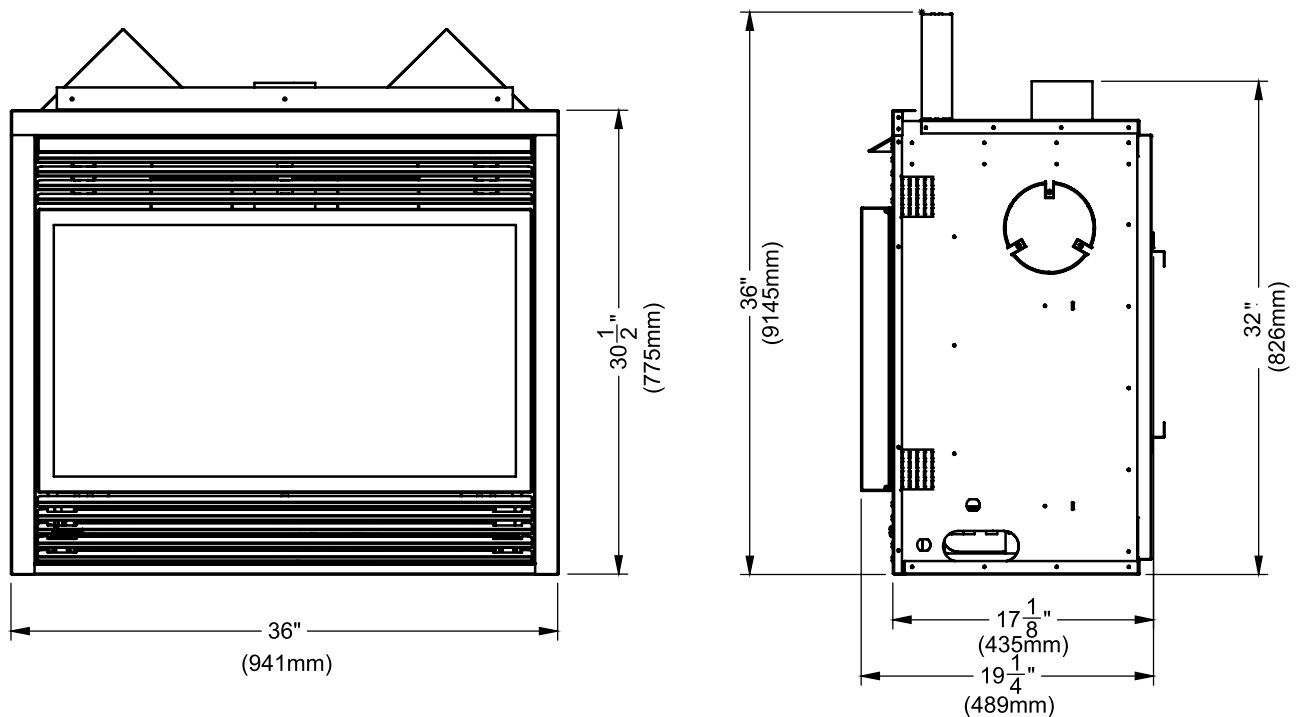
\*\*\*Important: Framing height requires consideration of the hearth depth.  
Dimension H = H + the thickness of installed hearth.

P36DE-11 Gas Fireplace

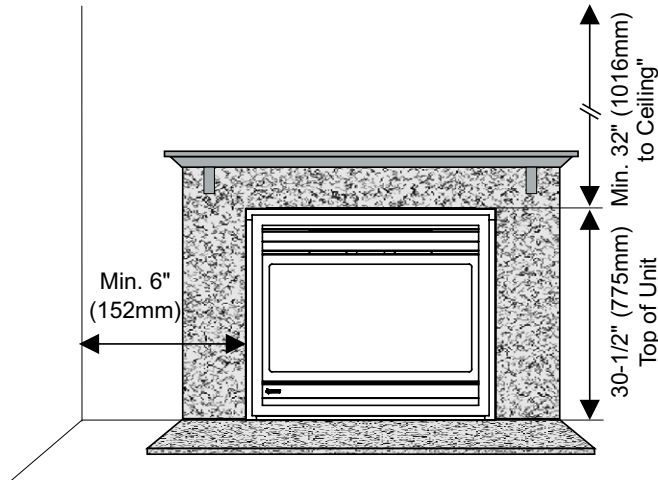
## UNIT DIMENSIONS WITH VIGNETTE AND VIGNETTE FINISHING TRIM



## UNIT DIMENSIONS WITH SAFETY SCREEN (#515-929) AND OPTIONAL LOUVERS



## CLEARANCES



## IMPORTANT FINISHING DETAIL NOTE:

Before placing unit into final position - it is important to know the total thickness / height of finished hearth (tile, carpet, etc.) The base of the fireplace should be level or higher than the finished hearth height.

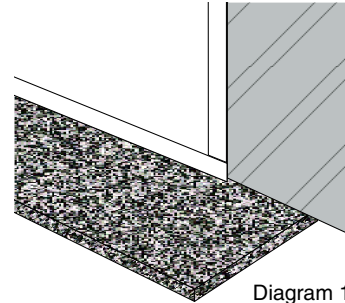


Diagram 1

**Note:** All non-combustible and combustible facing material should butt up cleanly to the flanges around the firebox opening.

Rough edges will be visible from the front view with the Vignette faceplate - if not using the optional finishing trim.

To maintain a clean finished edge - it is recommended to install the combustible facing material with the finished edge against the fireplace / nailing strips.

Alternatively, you can use J Style Trim or Metal Corner Bead to cover cut edges of the non-combustible facing material.

## MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram:

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

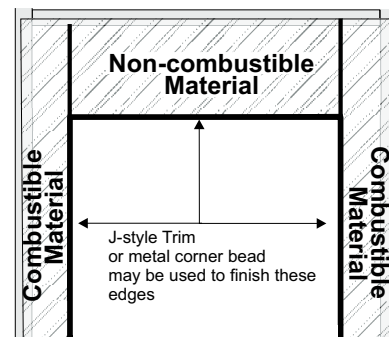
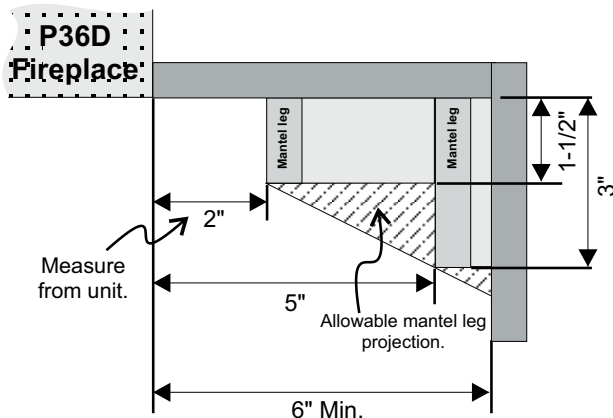


Diagram 2

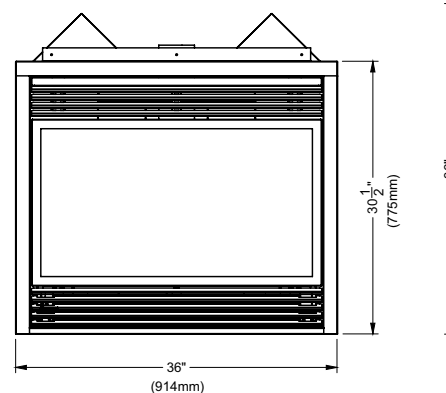


Diagram 3 Shown with optional finishing trim

## COMBUSTIBLE MANTEL CLEARANCES

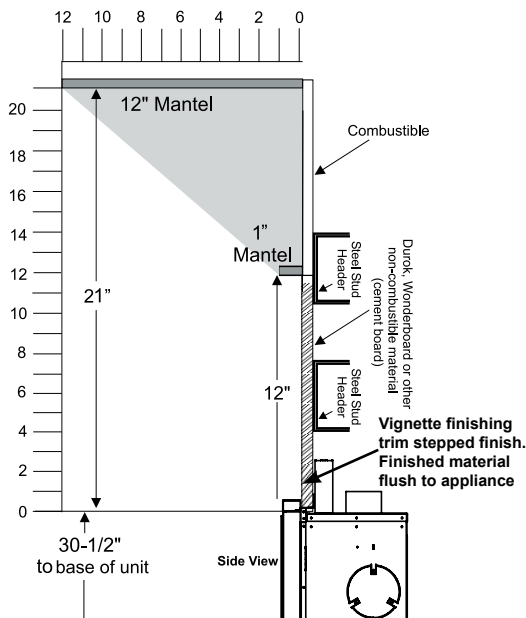
Because of the extreme heat this fireplace emits, the mantel clearances are critical.

Combustible mantel clearances from top of unit are shown in the diagram below.

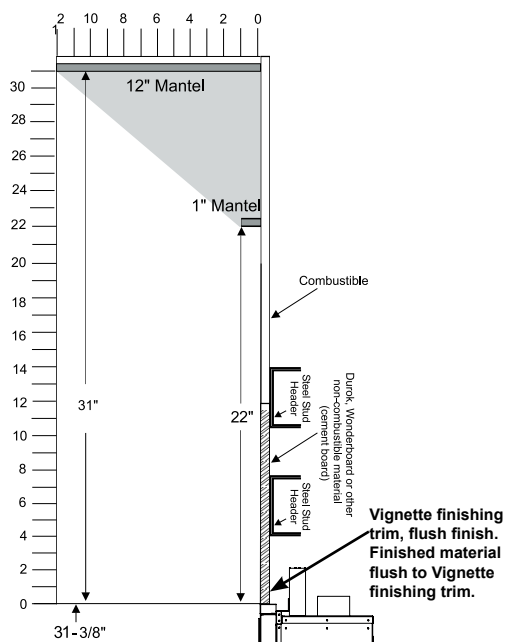
Note: Mantel starts at \*1" deep and ends at \*12" deep. **\*\*For Vignette with Vignette Finishing Trim flush finish**, all materials (framing & finishing) below the mantel and the width of the Vignette finishing trim, (37 1/2") must be non-combustible if a lower mantel is desired.

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

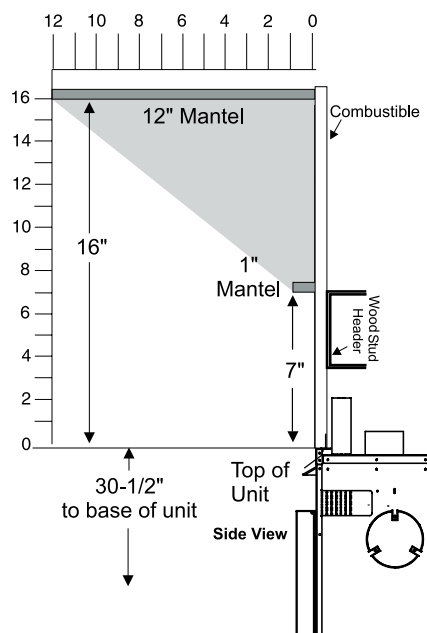
### MANTEL CLEARANCES WITH VIGNETTE + VIGNETTE FINISHING TRIM STEPPED FINISH



### MANTEL CLEARANCES WITH VIGNETTE + VIGNETTE FINISHING TRIM FLUSH FINISH



### MANTEL CLEARANCES WITH SAFETY SCREEN AND LOUVERS





## P36DE-11 Gas Fireplace

### FRAMING WITH VIGNETTE FACEPLATE/VIGNETTE FINISHING TRIM, STEPPED FINISH

Frame in the enclosure for the unit with framing material. The framed opening is 40-3/4" high x 36-1/4" wide x 17-3/8" deep (1036mm high x 921mm wide x 441mm deep).

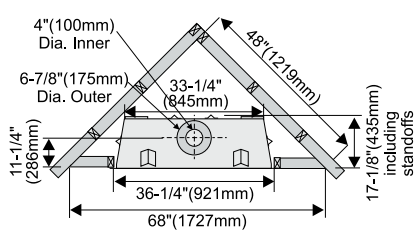


Diagram 1

### FRAMING WITH VIGNETTE FACEPLATE & VIGNETTE FINISHING TRIM FINISHED FLUSH

Frame in the enclosure for the unit with framing material. The framed opening is 41-5/8" high x 38" wide x 17-3/8" deep (1057mm high x 965mm wide x 441mm deep).

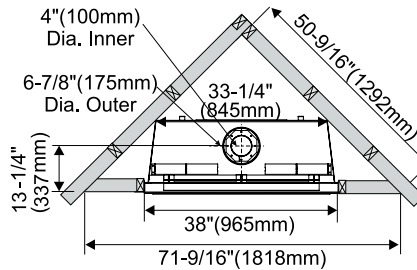


Diagram 3

### FRAMING WITH LOUVERS AND SAFETY SCREEN

Frame in the enclosure for the unit with framing material. The framed opening is 37-1/4" high x 36-1/4" wide x 17-3/8" deep (946mm high x 921mm wide x 441mm deep).

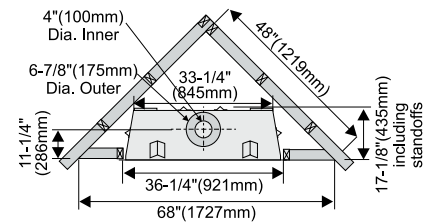


Diagram 5

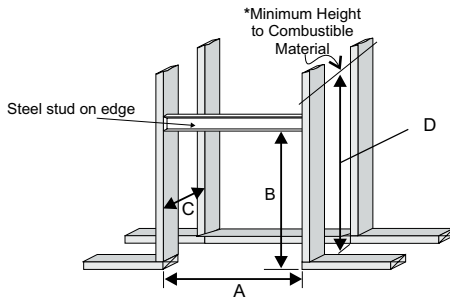


Diagram 2

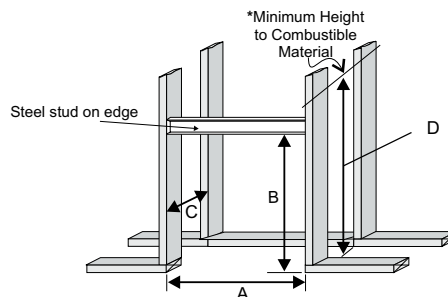


Diagram 4

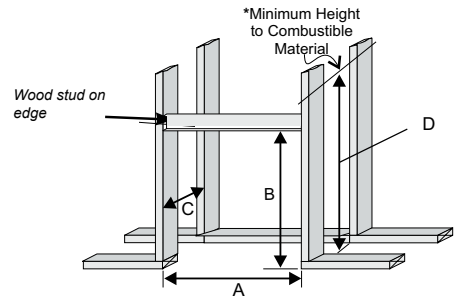


Diagram 6

All other framing may be of combustible materials, i.e. 2 x 4, 2 x 6

Vignette Framing Dimensions			
A	B	C	D
36-1/4"	40-3/4"	17-3/8"	46"
921mm	1036mm	441mm	1168mm*

\*'D' is Minimum height to combustible materials including the Minimum 2" (51mm) Top clearance to the Horizontal Vent.

All other framing may be of combustible materials, i.e. 2 x 4, 2 x 6

Vignette + Finishing Trim - Flush Finish Framing Dimensions			
A	B	C	D
38"	41-5/8"	19-3/8"	46"
965mm	1057mm	492mm	1168mm*

\*'D' is Minimum height to combustible materials including the Minimum 2" (51mm) Top clearance to the Horizontal Vent.

### Safety Screen + Louvers Framing Dimensions

A	B	C	D
36-1/4"	37-1/4"	17-3/8"	46"
921mm	946mm	441mm	1168mm*

\*'D' is Minimum height to combustible materials including the Minimum 2" (51mm) Top clearance to the Horizontal Vent.

**NOTE:** If using the optional Vignette finishing trim, this can be installed as a 3-sided or 4 sided finish trim. If choosing to use this as a 4 sided finish trim the framing would need to be increased by 1-1/4" inches minimum in order for this to fit. This must be to the finished floor. (Eg: Diagram 2 B= 40-3/4" framing height + 1-1/4". Bottom of 4-sided finishing trim + 1/2" thick finished floor = 42-1/2".

## VENTING

### DIRECT VENT SYSTEM (FLEX) HORIZONTAL TERMINATIONS ONLY

These venting systems, in combination with the P36DE-11 Direct Vent Gas Fireplace, have been tested and listed as a direct vent heater system by Intertek. The location of the termination cap must conform to the requirements in the Vent Terminal Locations diagram in the "Exterior Vent Termination Locations" section.

**Regency Direct Vent (Flex) System Termination Kit (Part # 946-515) includes all the parts needed to install the P36D-10 with a maximum run of 4 feet.**

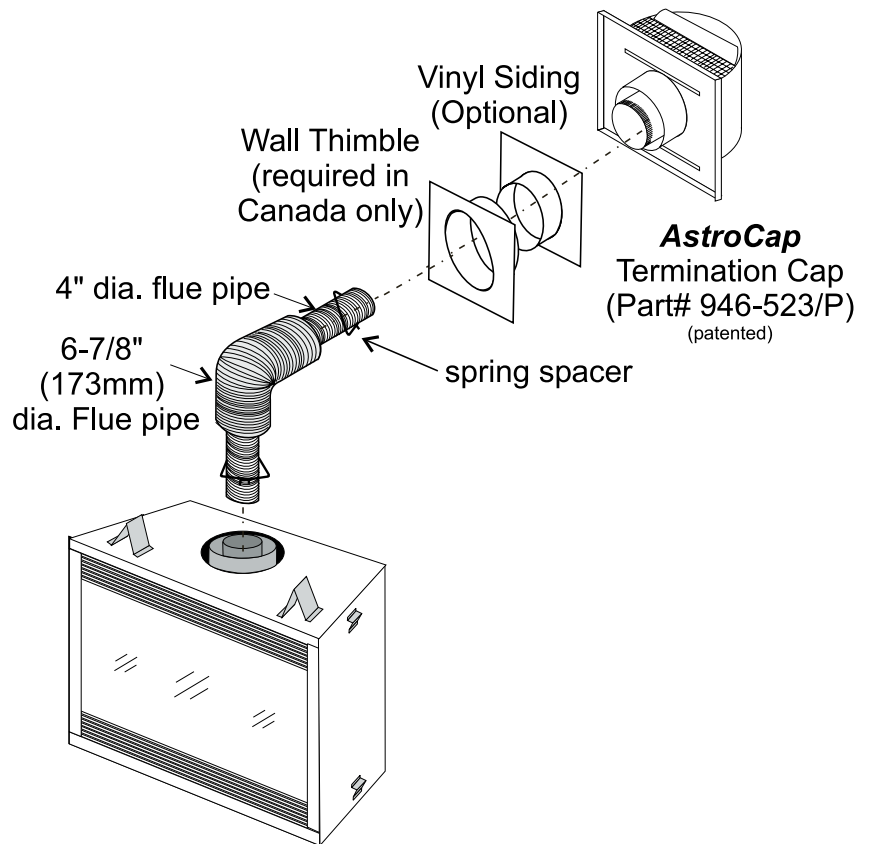
1.	6-7/8" dia. flexible liner (4 ft. length)
2.	4" dia. flexible liner (4 ft. length)
3.	spring spacers (4)
4.	thimble (2)
5.	<b>AstroCap</b> termination cap (1)
6.	screws (12)
7.	tube of Mill Pac (1)
8.	plated screws (8)
9.	screws #8 x 1-1/2" Drill Point, Stainless Steel (4)

If longer runs are needed, the Regency Direct Vent system (Flex) # 946-516 includes all the parts needed to install the P36DE with a maximum 10' run.

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

#### Notes:

1. Liner sections should be continuous without any joints or seams.
2. Only Flex pipe purchased from Regency may be used for Flex installations.



## RIGID PIPE VENTING SYSTEMS

### Horizontal or Vertical Terminations

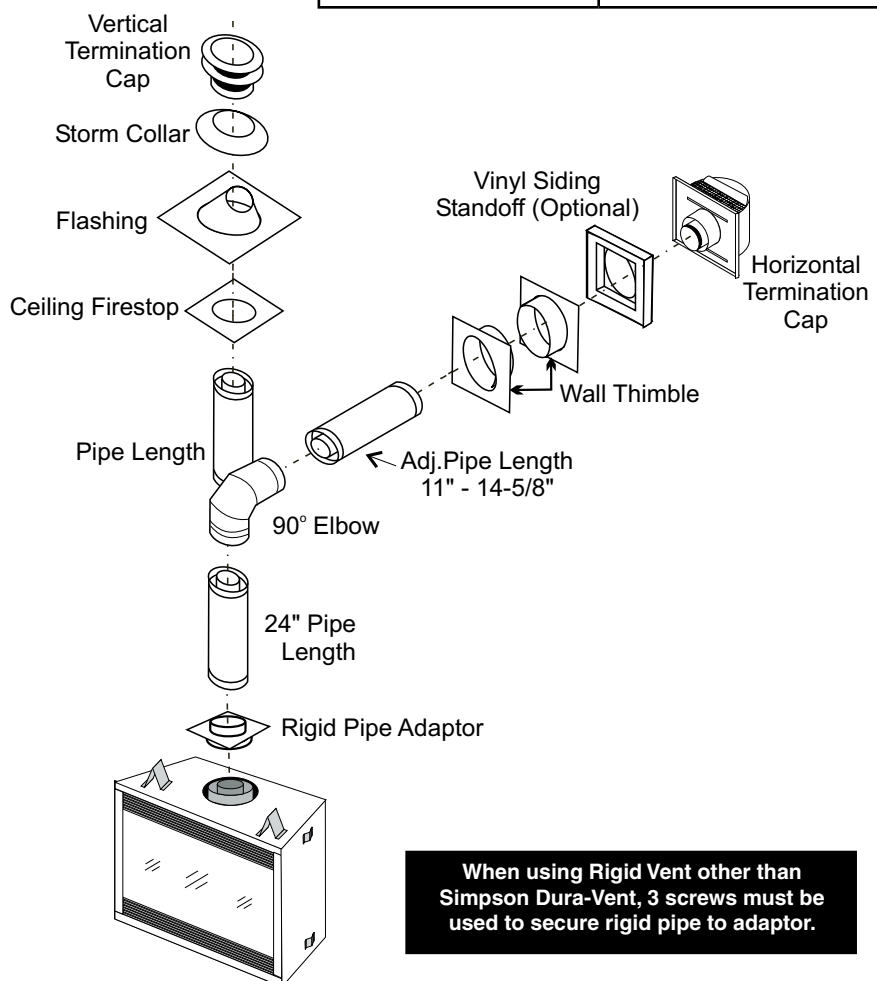
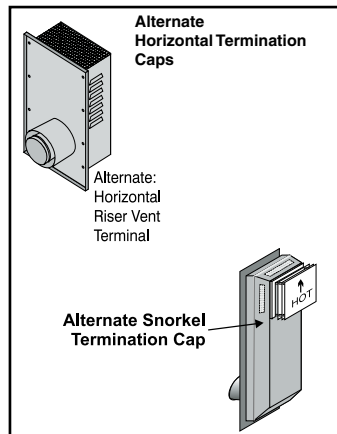
The minimum components required for a basic horizontal termination are:

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

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

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

Flat Wall Installation	
Wall Thickness (inches)	Vent Length Required (inches)
4" - 5-1/2"	6"
7" - 8-1/2"	9"
10" - 11-1/2"	12"
9" - 14-1/2"	11" - 14-5/8" Adj. Pipe
15" - 23-1/2"	17" - 24" Adj.
Corner Installation	
Wall Thickness (inches)	Vent Length Required (inches)
3-1/4" - 6-3/4"	11" - 14-5/8" Adj. Pipe
7-3/4" - 16-1/4"	17" - 24" Adj. Pipe
7-1/4" - 8-3/4"	6" + 12" 9" + 9"
4-1/4" - 5-3/4"	6" + 9"



### **WARNING:**

Do not combine venting components from different venting systems.

However use of the AstroCap™ and Regency 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 Intertek WHI listing of components.

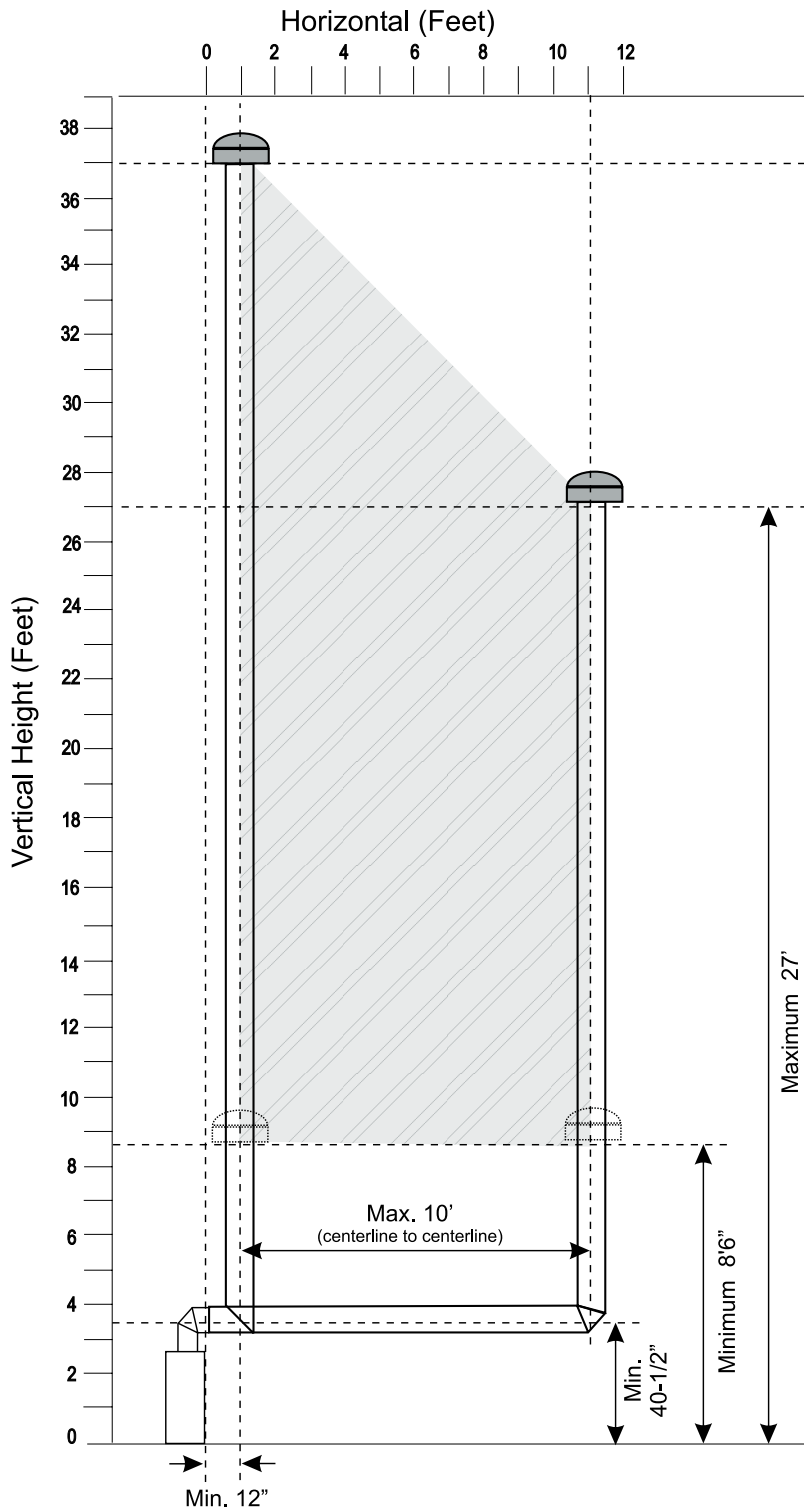
The Regency AstroCap™ and Regency Riser Vent terminal are certified for installations using Regency venting systems as well as Simpson Dura-Vent® Direct Vent, American Metal Products Ameri Vent Direct Vent, Security Secure Vent®, Selkirk Direct-Temp. AstroCap™ is a proprietary trademark of Regency Fireplace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

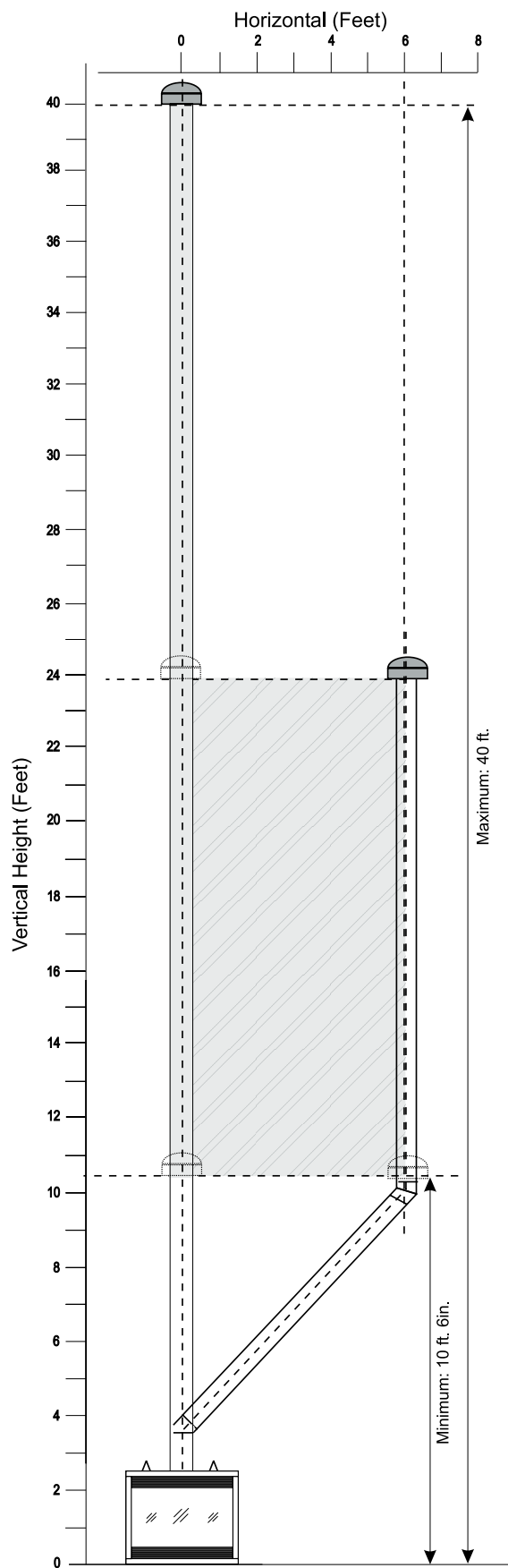
**Note: Must use optional rigid pipe adaptor when using rigid vent systems (Part # 510-994)**

## P36DE-11 Gas Fireplace

The P36DE-11 is approved for a 40 ft. straight vertical, with **rigid pipe** vent systems for Propane and Natural Gas, as per the diagram 1.

The shaded area in the diagram 1 shows all allowable combinations of straight vertical and offset to vertical terminations with **rigid pipe** vent systems for Propane and Natural Gas. Maximum two—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.

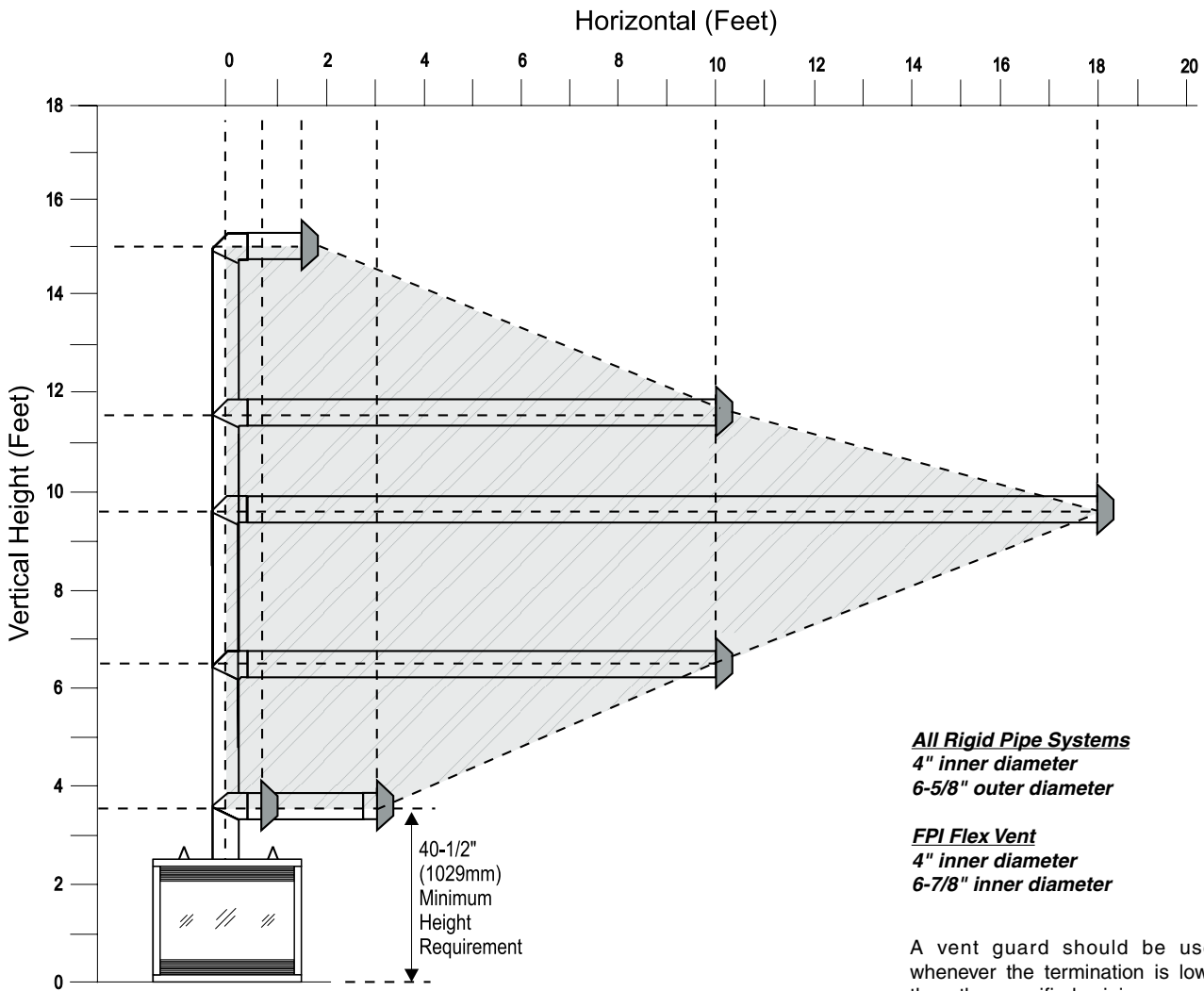


## RIGID PIPE VENTING ARRANGEMENTS HORIZONTAL TERMINATIONS

### Regency *DIRECT VENT SYSTEM (FLEX)* (Propane & Natural Gas)

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

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



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

**Note:** FPI Direct Vent Flex System Part #'s 946-515 and 946-516 are only approved for horizontal terminations.

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

## P36DE-11 Gas Fireplace

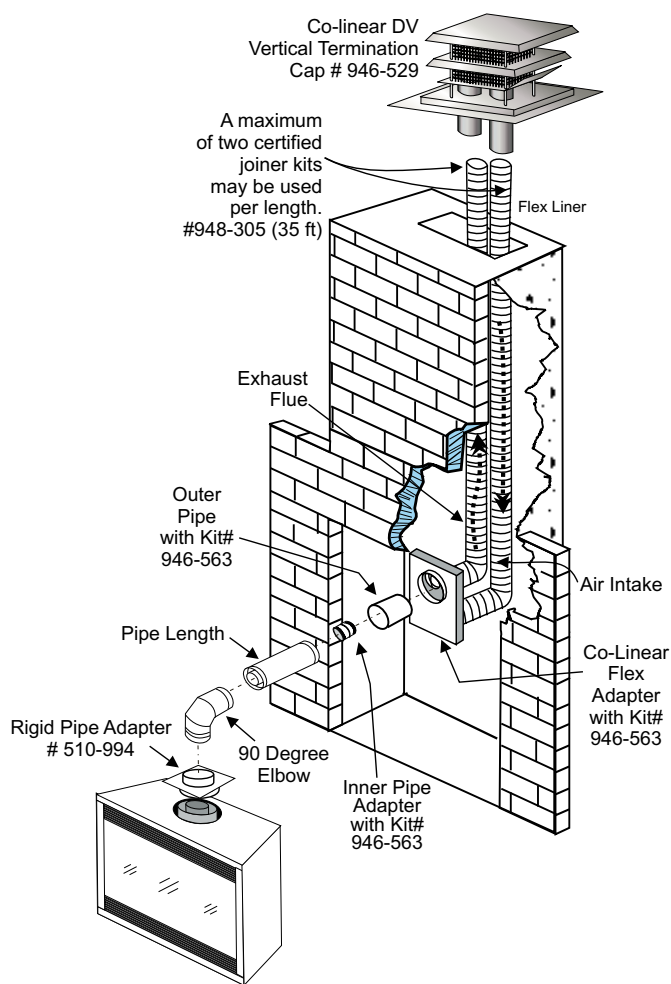
### Vertical Termination with Co-Linear Flex System

**The appliance must not be connected to a chimney flue serving a separate solid fuel burning appliance.**

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.

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 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	Coaxial to Co-linear Adaptor Kit which contains the following: Co-linear Flex Adaptor Outer Pipe Inner Pipe Adaptor
510-994	Flue Adaptor
46dva-E45	45° Elbow
Alternate Approved Caps	
46dva-VC	Vertical Termination Cap
46dva-VCH	High Wind Cap
46dva-GK	3" Co-linear Adaptor with flashing

