P36D-10 Gas Fireplace

Model	P36D-NG10	P36D-LP10
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5" W.C. (1.25 kPa)	12" W.C. (3.00 kPa)
Manifold Pressure - High	3.8" W.C. (0.95 kPa)	11" W.C. (2.74 kPa)
Manifold Pressure - Low	1.1" W.C. (0.27 kPa)	2.9" W.C. (0.72 kPa)
Orifice Size	#37 DMS	#52 DMS
Minimum Input	15,500 BTU/h (4.54 kW)	15,000 BTU/h (3.96 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

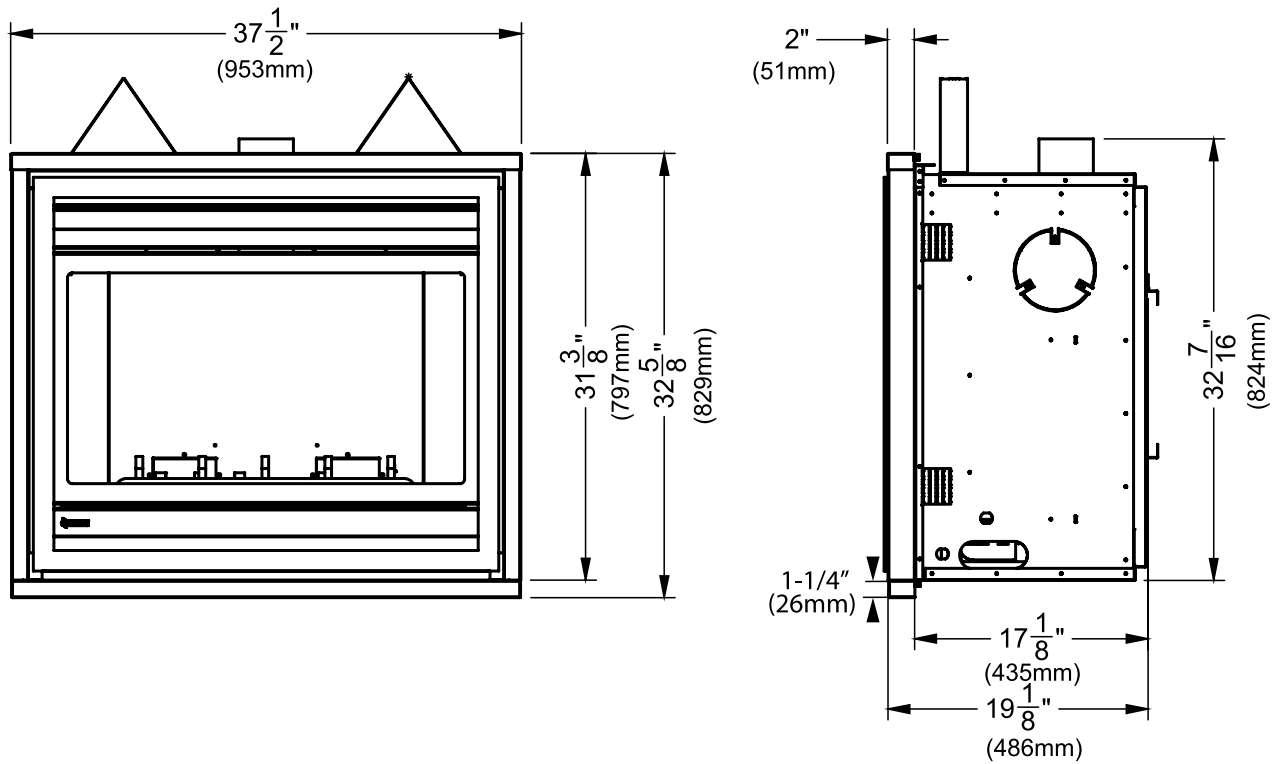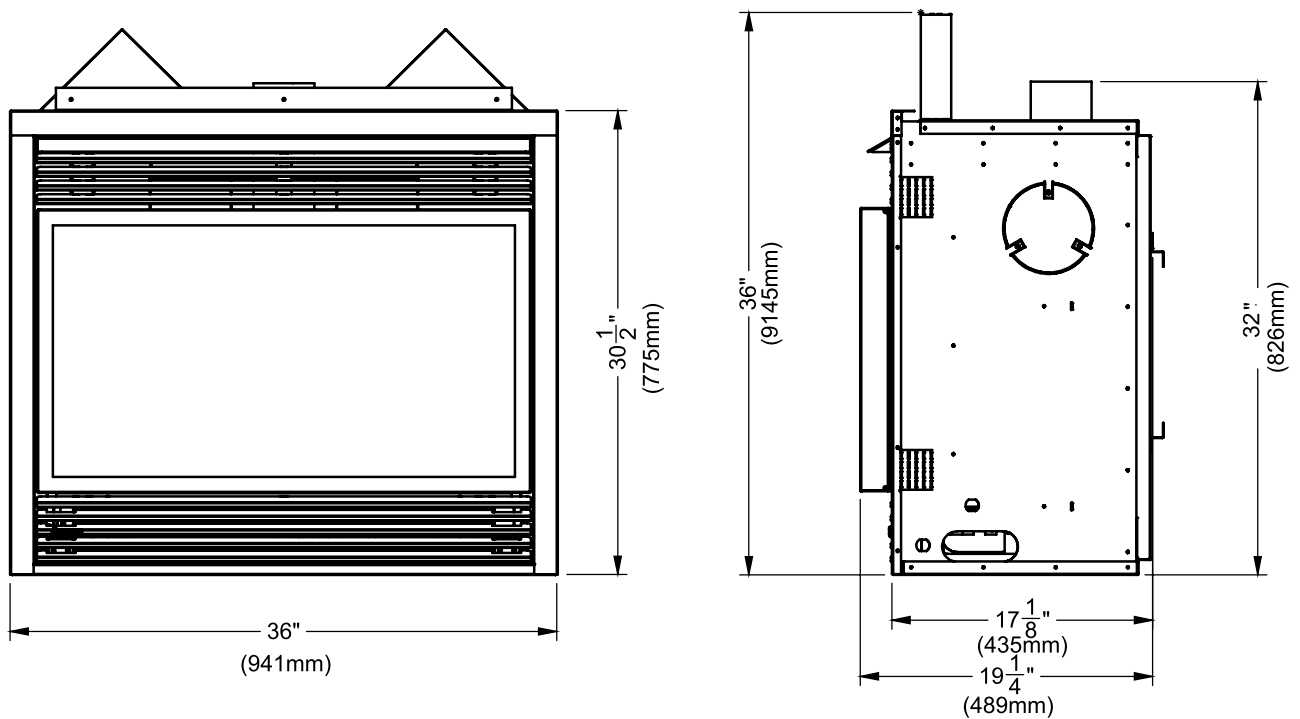| Approved Venting Systems	
Flex Vent Systems:	FPI AstroCap™ Flex Vent
Rigid Pipe Vent Systems:	Simpson Direct Vent Pro® American Metal Products® Amerivent Direct Security Secure Vent® Selkirk Direct-Temp™ Metal-Fab® Sure Seal ICC Excel Direct

Unit Dimensions With Vignette Faceplate

33-1/16" (838mm)

36 1/16" (914mm)

30 1/2" (775mm)

28-15/16" (735mm)

37" (940mm)

34-3/16" (868mm)

19 3/8" (492mm)

32 7/16" (824mm)

2 3/16" (51mm)

17 7/8" (432mm)
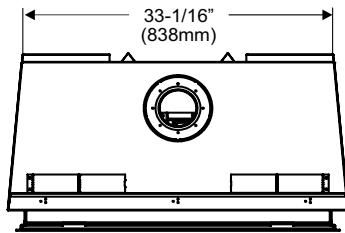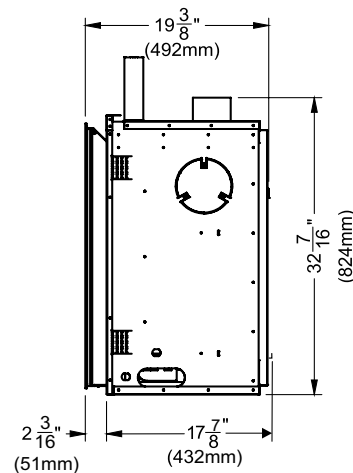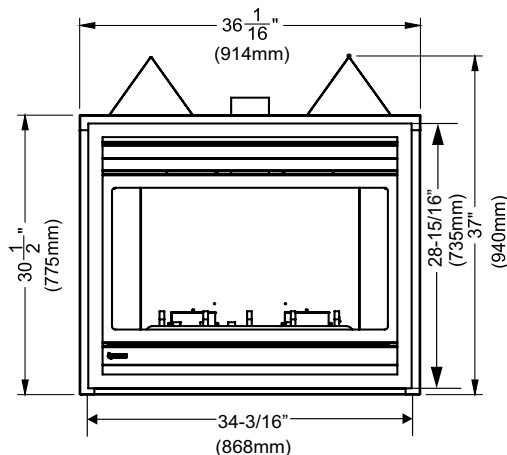
***Important:** Framing height requires consideration of the hearth depth.   Dimension H = H + the thickness of installed hearth.**
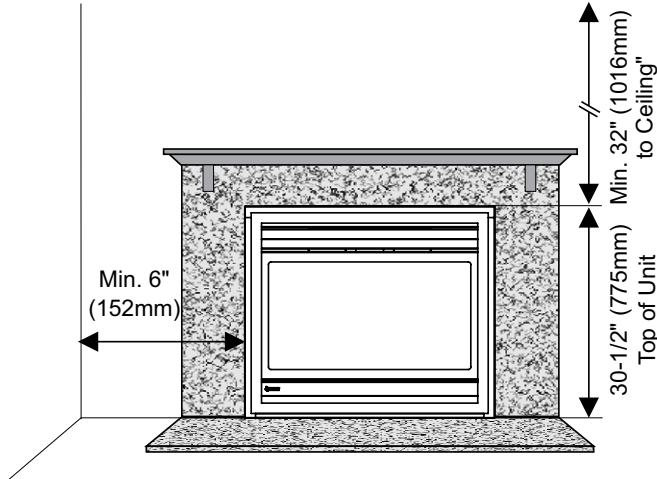
P36D-10 Gas Fireplace

UNIT DIMENSIONS WITH VIGNETTE AND VIGNETTE FINISHING TRIM

37 $\frac{1}{2}$"
(953mm)

31 $\frac{3}{8}$"
(797mm)

32 $\frac{5}{8}$"
(829mm)

2"
(51mm)

32 $\frac{7}{16}$"
(824mm)

1-1/4"
(26mm)

17 $\frac{1}{8}$"
(435mm)

19 $\frac{1}{8}$"
(486mm)

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

30 $\frac{1}{2}$"
(775mm)

36"
(941mm)

36"
(9145mm)

32"
(826mm)

17 $\frac{1}{8}$"
(435mm)

19 $\frac{1}{4}$"
(489mm)

CLEARANCES

Min. 32" (1016mm) to Ceiling"

30-1/2" (775mm) Top of Unit

Min. 6" (152mm)

MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram:

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

P36D Fireplace

Mantel leg

Mantel leg

1-1/2"

3"

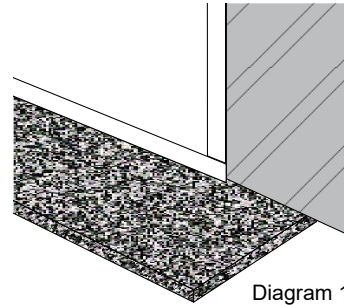2"

Measure from unit.

5"

Allowable mantel leg projection.

6" Min.

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.

Non-combustible Material

Combustible Material

Combustible Material

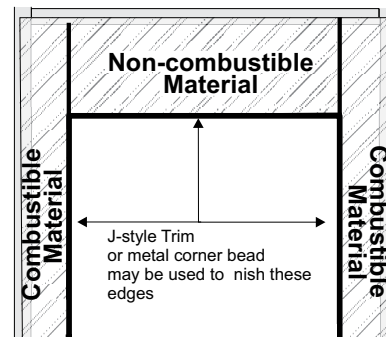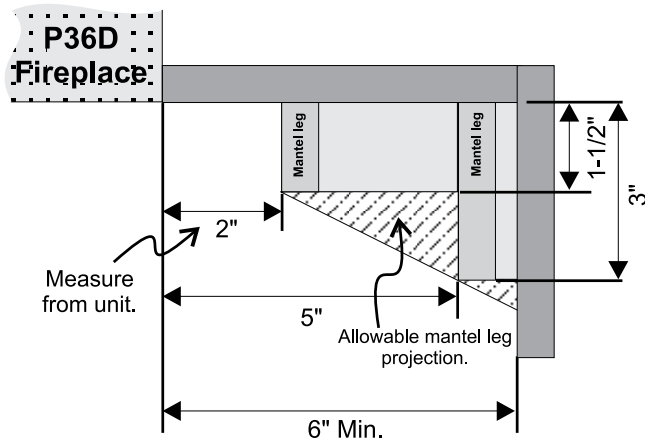J-style Trim or metal corner bead may be used to nish these edges
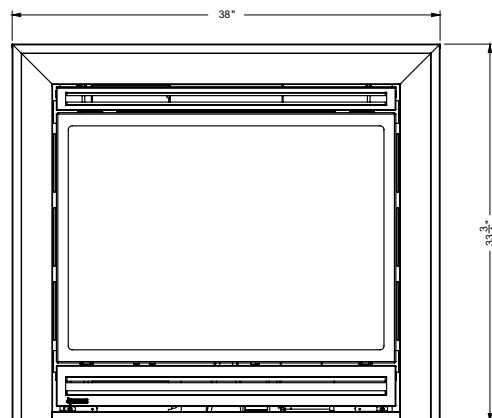
Diagram 2

38"

33 3/4

Diagram 3   Shown with optional finishing trim

P36D-10 Gas Fireplace

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 ONLY (No Vignette Finishing Trim)
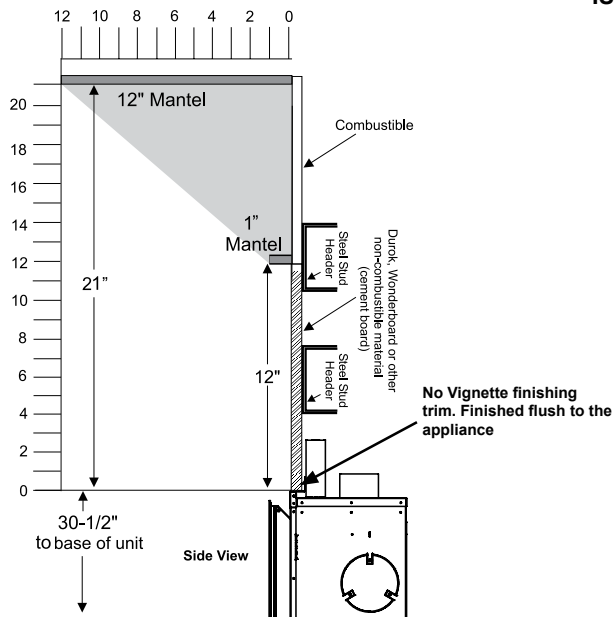
MANTEL CLEARANCES WITH VIGNETTE + VIGNETTE FINISHING TRIM STEPPED FINISH
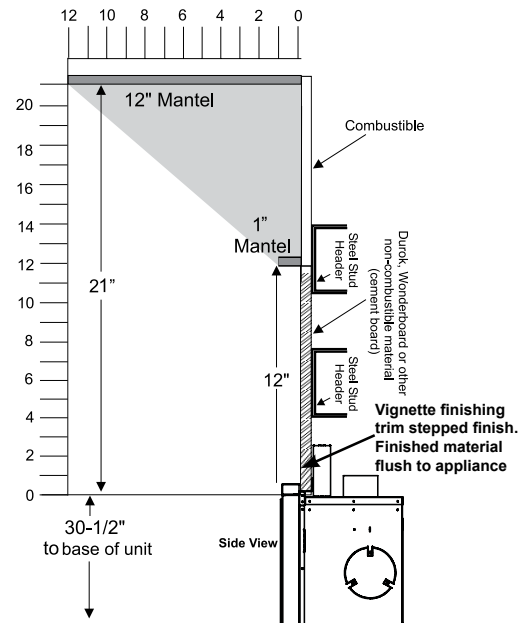
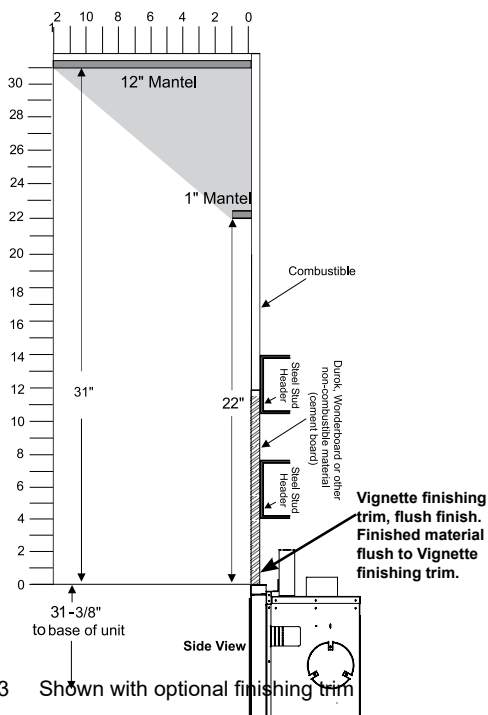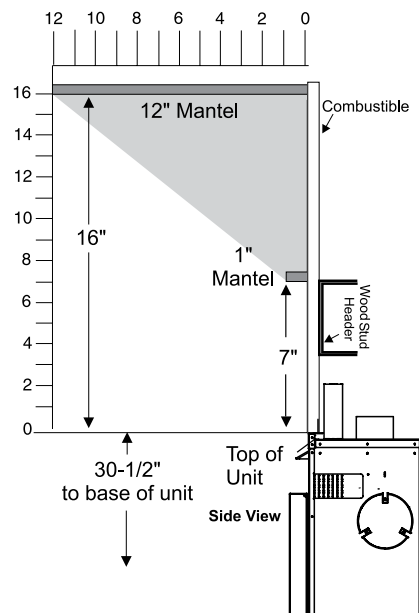### MANTEL CLEARANCES WITH VIGNETTE + VIGNETTE FINISHING TRIM FLUSH FINISH

Diagram 3   Shown with optional finishing trim

MANTEL CLEARANCES WITH SAFETY SCREEN AND LOUVERS

FRAMING

1) Determine the total thickness of facing material (e.g. non combustible 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 with Vignette only, Vignette + Vignette Finishing Trim Stepped Finish and Safety Screen and Louvers. When installing the Vignette + Vignette Finishing Trim Flush Finish the facing thickness is up to 3".

2) Add a second steel stud at midpoint for ease of installation/securing the non combustible board. See Diagrams 1 & 2.


Diagram 1

Diagram 2
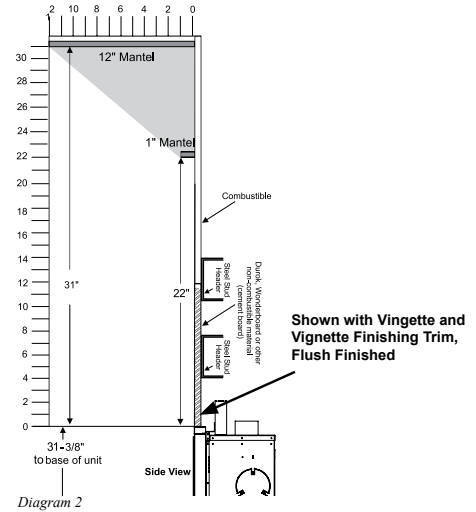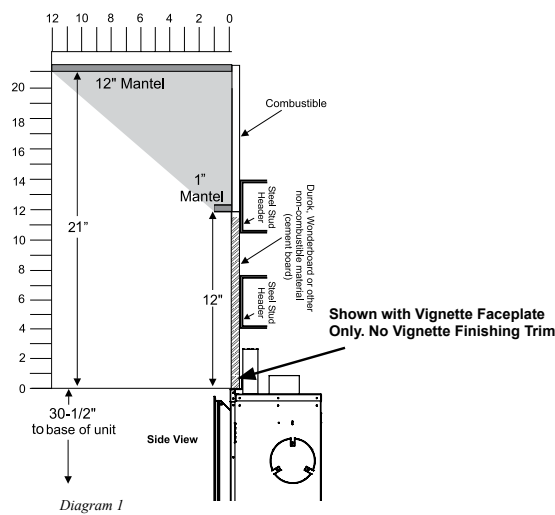
Note: Secure the non-combustible board (supplied) directly above the unit as shown. Install a steel stud directly above the unit as shown to secure the non-combustible material.

> **Install Side Nailing Strips, Top Facing Support, and Top Standoffs before unit is slipped into position. See the "Unit Assembly Prior to Installation" section for assembly details.**

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 32" (813mm) to the ceiling.

Non-combustible

Vignette + Vignette Finishing Trim Stepped Finish or Vignette Only

Diagram 4
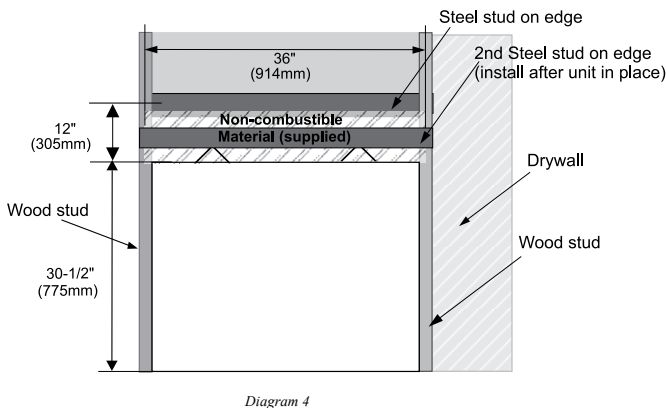
Vignette + Vignette Finishing Trim Flush Finished

Diagram 5
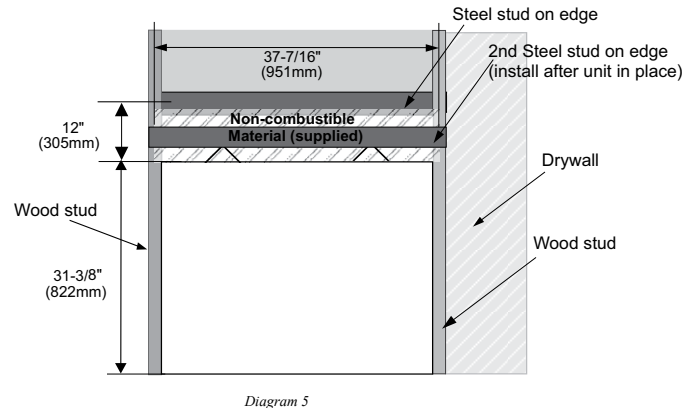
NOTE: If using flush louvers and safety screen the steel studs and non-combustible material are not required. Wood studs and drywall may be used. See framing and finishing for details.

P36D-10 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

Diagram 2

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

Diagram 4

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).
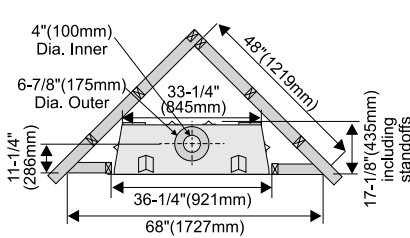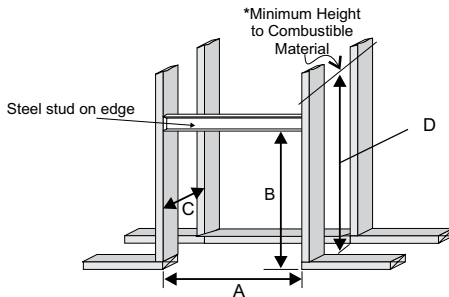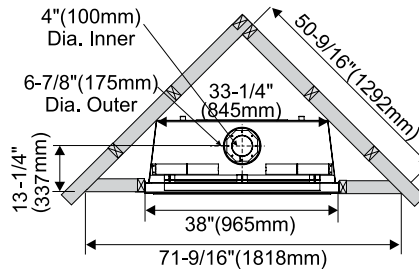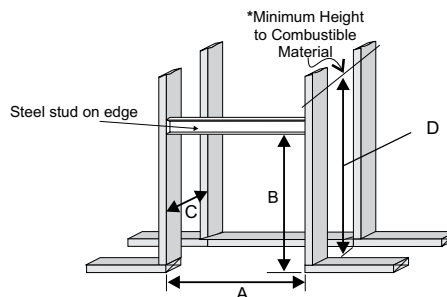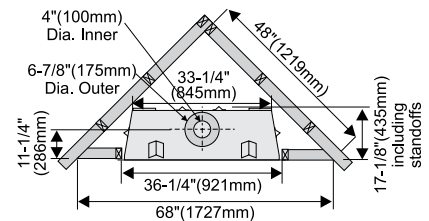
Diagram 5

Diagram 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

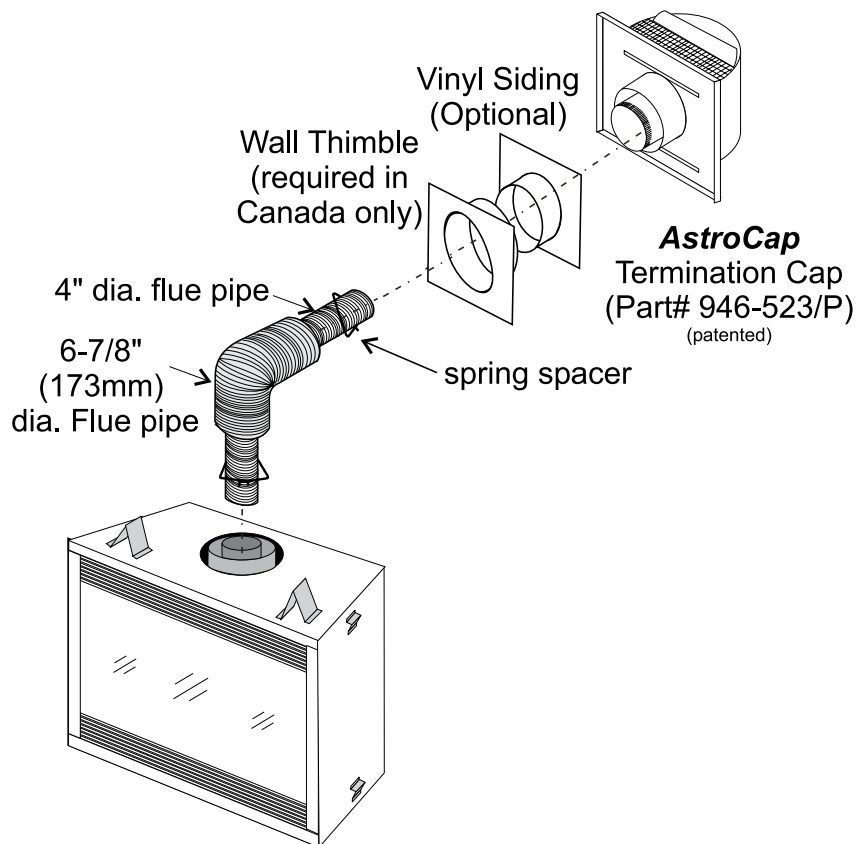These venting systems, in combination with the P36D-10 Direct Vent Gas Fireplace, have been tested and listed as a direct vent heater system by Warnock Hersey. The location of the termination cap must conform to the requirements in the Vent Terminal Locations diagram in the "Exterior Vent Termination 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)	*AstroCap* termination cap (1)
6)	screws (12)
7)	tube of Mill Pac (1)
8)	plated screws (8)
9)	screws #8 x 1-1/2" Drill Point, Stainless Steel (4)

If longer runs are needed, the Regency Direct Vent system (Flex) # 946-516 includes all the parts needed to install the P36D with a maximum 10' run.

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

Vinyl Siding (Optional)

Wall Thimble (required in Canada only)

4" dia. flue pipe

6-7/8" (173mm) dia. Flue pipe

spring spacer

AstroCap Termination Cap (Part# 946-523/P) (patented)

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
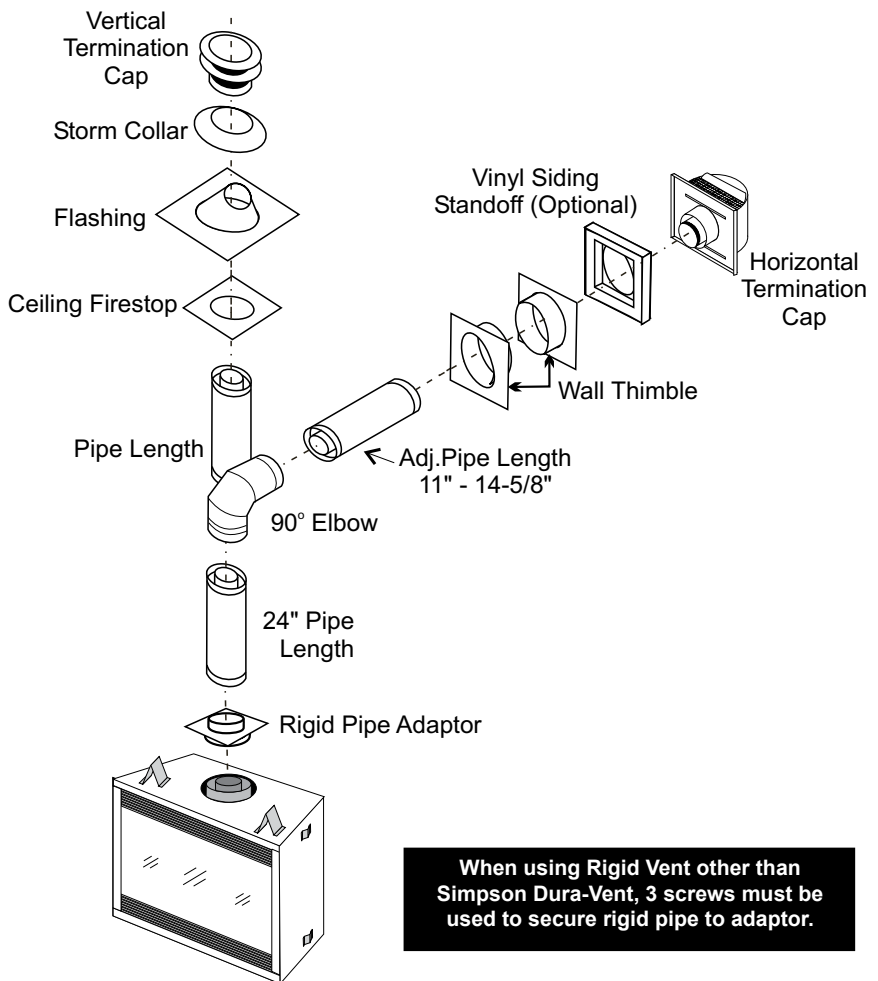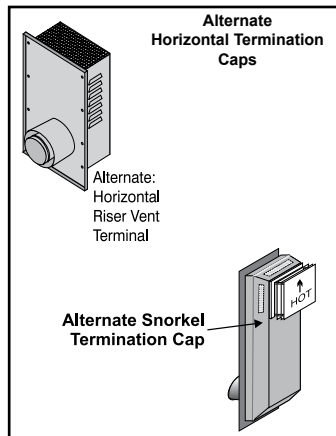
The minimum components required for a basic horizontal termination are:

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"

Alternate Horizontal Termination Caps

Alternate: Horizontal Riser Vent Terminal

Alternate Snorkel Termination Cap

HOT

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.

Vertical Termination Cap

Storm Collar

Flashing

Ceiling Firestop

Vinyl Siding Standoff (Optional)

Horizontal Termination Cap

Wall Thimble

Pipe Length

Adj.Pipe Length 11" - 14-5/8"

90° Elbow

24" Pipe Length

Rigid Pipe Adaptor

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

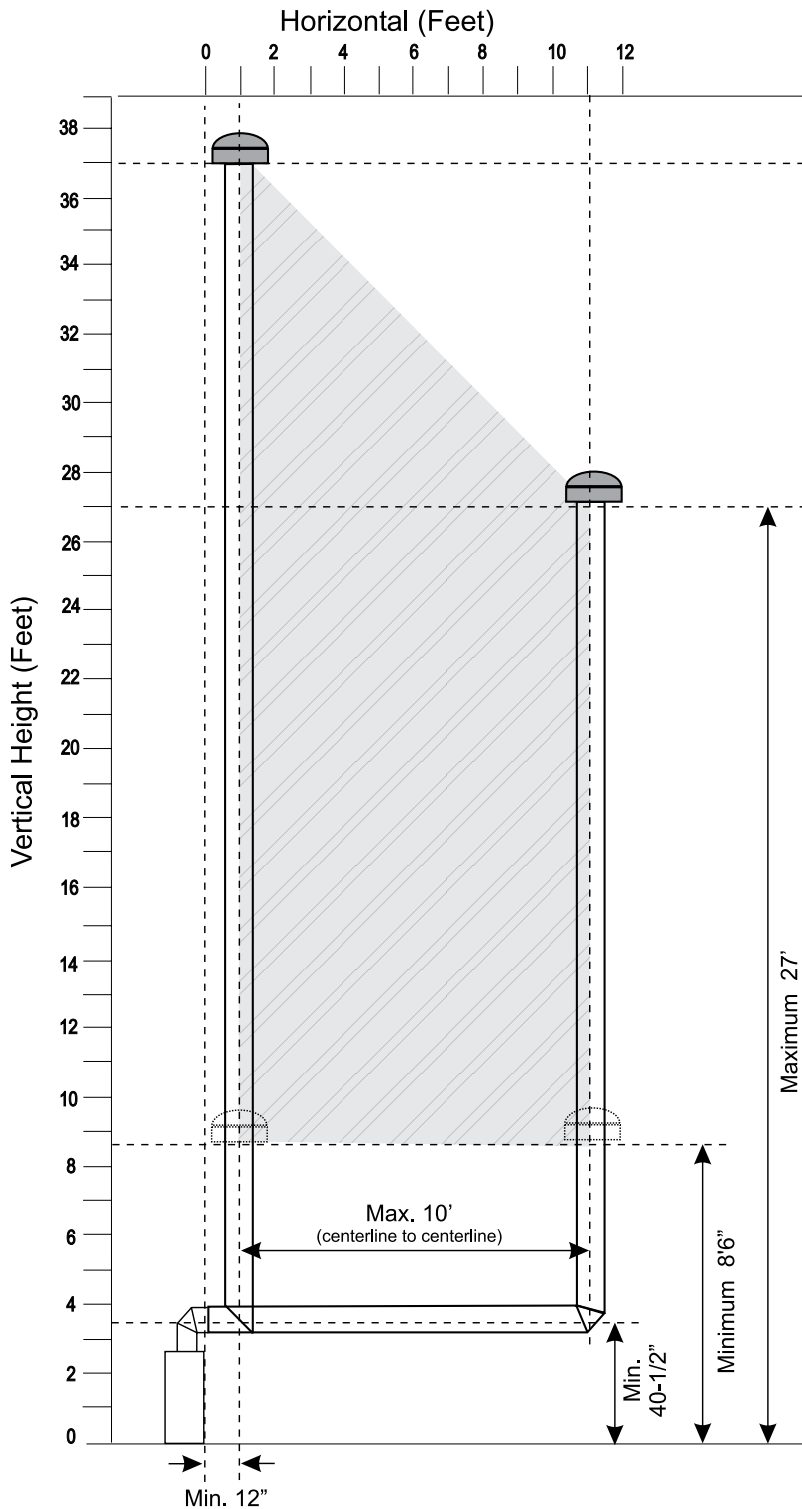# RIGID PIPE VENTING ARRANGEMENTS
VERTICAL TERMINATIONS

(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.

Horizontal (Feet)

Vertical Height (Feet)

- 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).
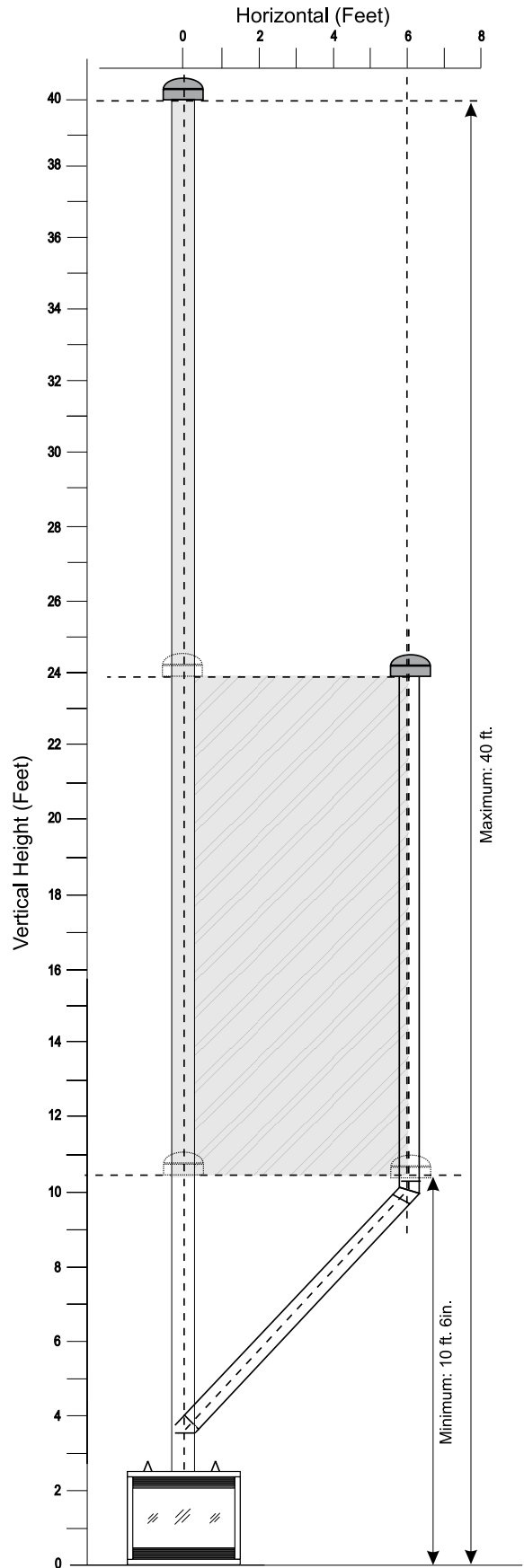
Maximum 27'

Minimum 8'6"

Min. 40-1/2"

Max. 10'
(centerline to centerline)

Min. 12"

vertical, with
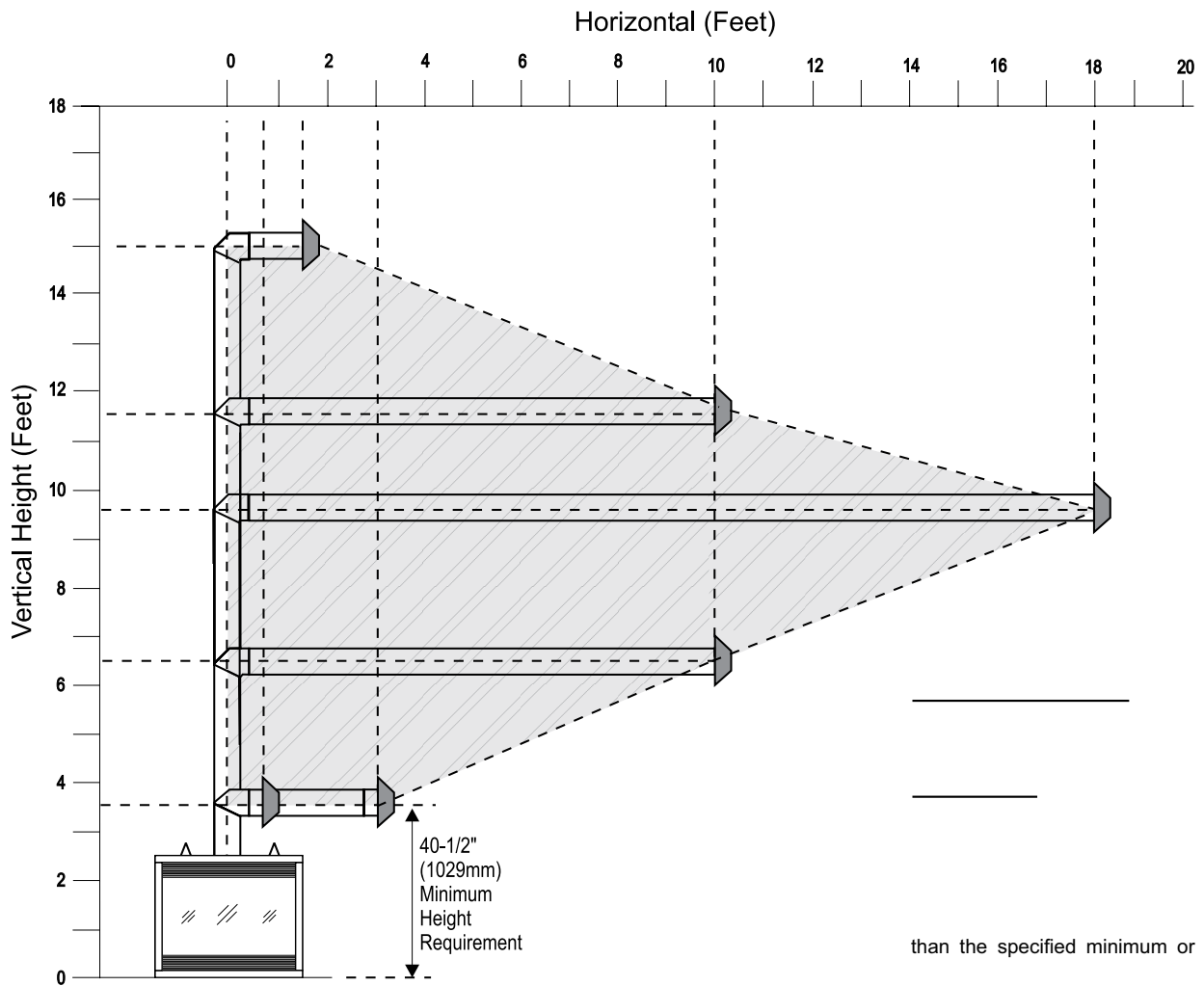and Natural Gas, as per the diagram 1.

<u>Maximum</u>
<u>two 45</u> _____

• **Firestops are required at each floor level**

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, <u>using one 90° elbow</u> (two 45° elbows equal one 90° elbow).

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

Horizontal (Feet)

Vertical Height (Feet)

40-1/2"
(1029mm)
Minimum
Height
Requirement

than the specified minimum or as

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

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

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.
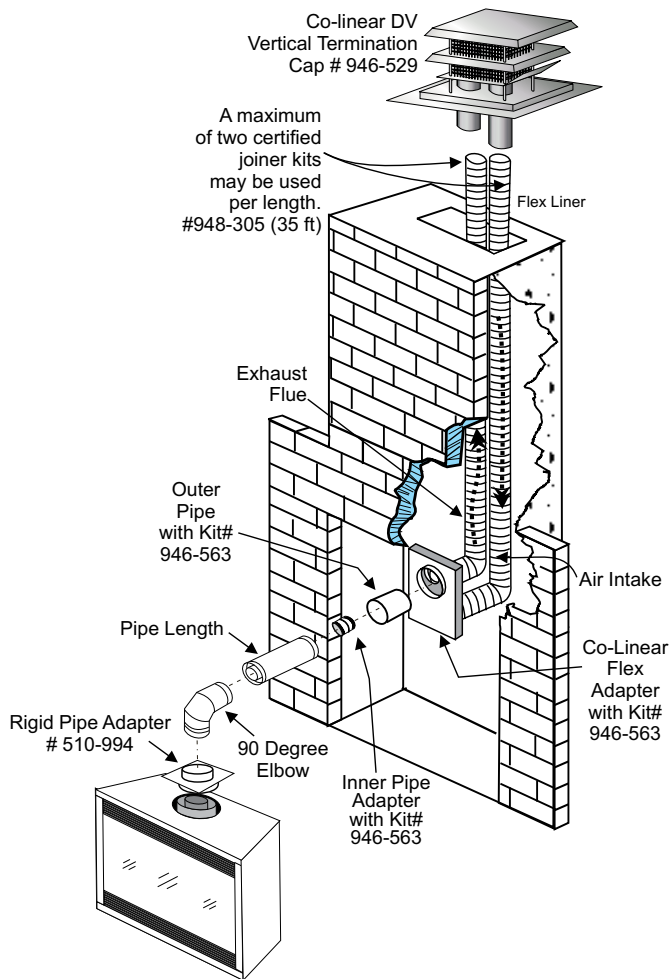
Required Parts:	
Part #	**Description**
946-529	Co-linear DV Vertical Termination Cap
948-305	3" Flex - 35 ft.
946-563	Coaxial to Co-linear Adapter Kit which contains the following: Co-linear Flex Adapter Outer Pipe Inner Pipe Adapter
510-994	Flue Adapter
46dva-E45	45º Elbow
Alternate Approved Caps	
46dva-VC	Vertical Termination Cap
46dva-VCH	High Wind Cap
46dva-GK	3" Co-linear Adapter with flashing
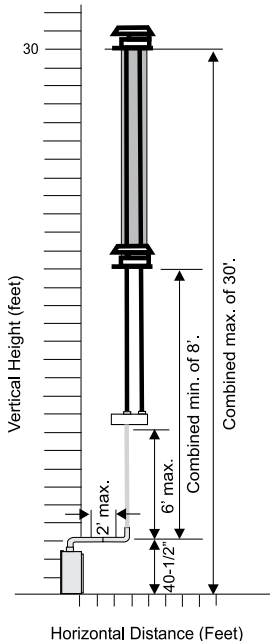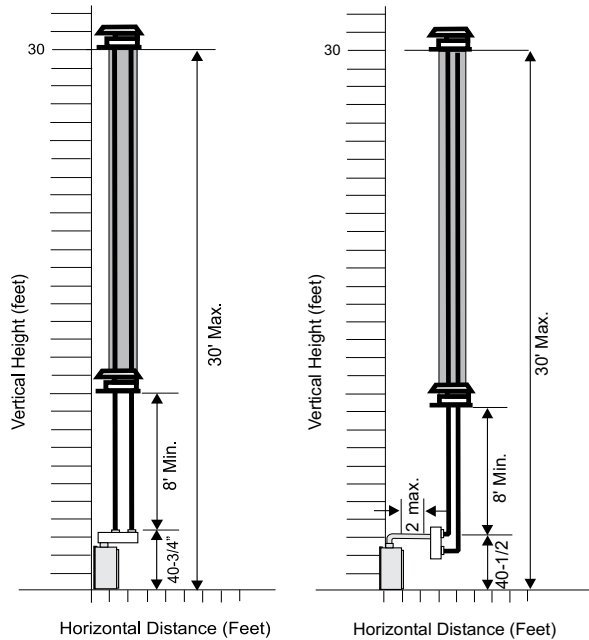
The shaded area in the diagrams show the allowable vertical terminations.

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