

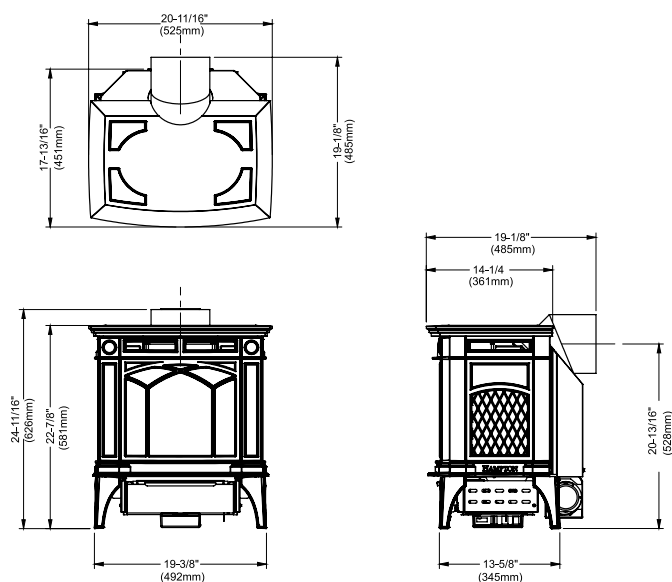
## H15-10 Direct Vent Gas Stove

Model	H15-NG10	H15-LP10
Fuel Type	Natural Gas	Propane
Minimum Supply Pressure	5.0" W.C. (1.25 kPa)	12.0" 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 -Altitude 0-2000 ft.	#47 DMS	#55 DMS
Orifice Size - Altitude 2000-4500 ft.		#56 DMS
Minimum Input Altitude 0-2000 ft. (0-610m)	10,500 BTU/h (3.08 kW)	10,600 BTU/h (3.10 kW)
Minimum Input Altitude 2000-4500 ft. (610-1372m)		8,200 BTU/h (2.40 kW)
Maximum Input Altitude 0-2000 ft. (0-610m)	18,000 BTU/h (5.28 kW)	18,000 BTU/h (5.28 kW)
Maximum Input Altitude 2000-4500 ft. (610-1372m)		15,500 BTU/h (4.54 kW)
Vent Sizing	4" Inner / 6-5/8" Outer	4" Inner / 6-5/8" Outer

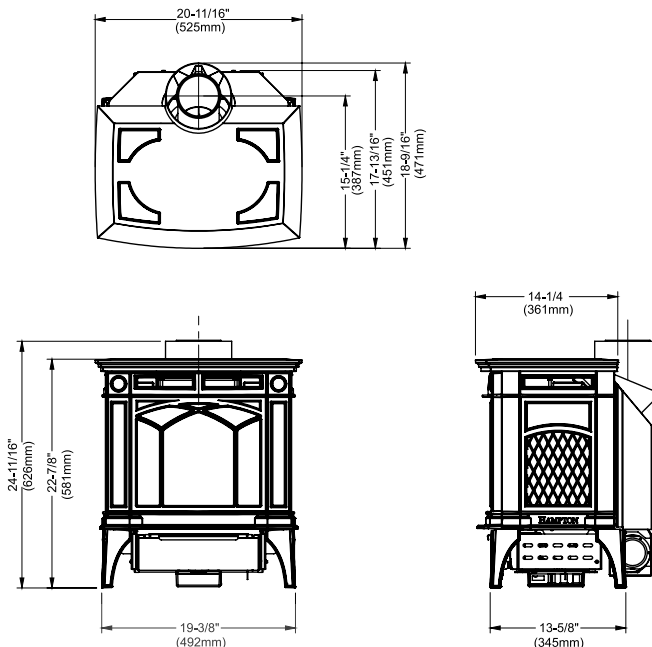
Approved Venting Systems	
Flex Vent Systems:	FPI AstroCap™ Flex Vent
Rigid Pipe Vent Systems:	Simpson Direct Vent Pro® American Metal Products® Amerivent Direct Security Secure Vent® Selkirk Direct-Temp™ Metal-Fab® Sure Seal ICC Direct Vent



### UNIT DIMENSIONS WITH HORIZONTAL VENT



### UNIT DIMENSIONS WITH VERTICAL VENT



## H15-10 Gas Stove

### CLEARANCES TO COMBUSTIBLES

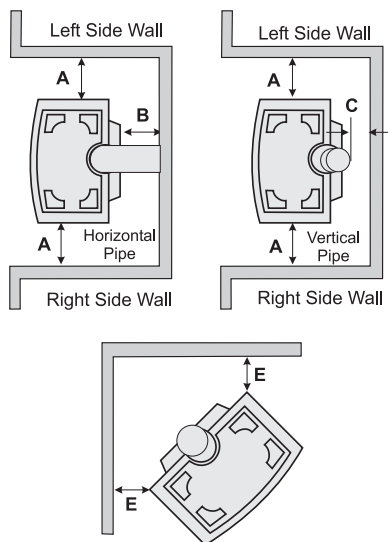
The clearances listed are MINIMUM distances. Measure the clearance to both the appliance and the chimney connector. **The farthest distance is correct if the two clearances do not coincide.**

For example, if the appliance is set as indicated in one of the figures but the connector is too close, move the stove until the correct clearance to the connector is obtained.

This appliance may be installed only with the clearances as shown in the situations pictured. **Do not combine clearances from one type of installation with another in order to achieve closer clearances.**

This unit can be installed on a solid combustible surface like a wood floor. This unit can also be installed directly on carpeting or vinyl.

Use the minimum clearances shown in the diagrams below:



#### H15-NG10 & H15-LP10 Clearances

- A Left Side Wall to Unit 6" / 150 mm
- \*B Back Wall to Unit 0" / 0 mm
- C Vertical Vent Pipe to Back Wall 2" / 50 mm
- E Unit Corner to Wall 2" / 50 mm
- Unit Top to Alcove Ceiling 24" / 610 mm

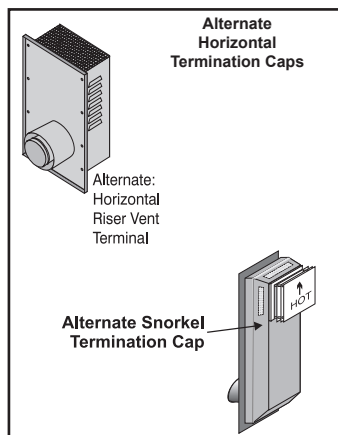
Minimum ceiling height is 24" / 610 mm from top of unit.

#### \*IMPORTANT

It is recommended that unit is moved away from the wall, if installing the blower option, so the fan can be easily installed and/or serviced.

## RIGID PIPE VENTING SYSTEMS

### Horizontal or Vertical Terminations

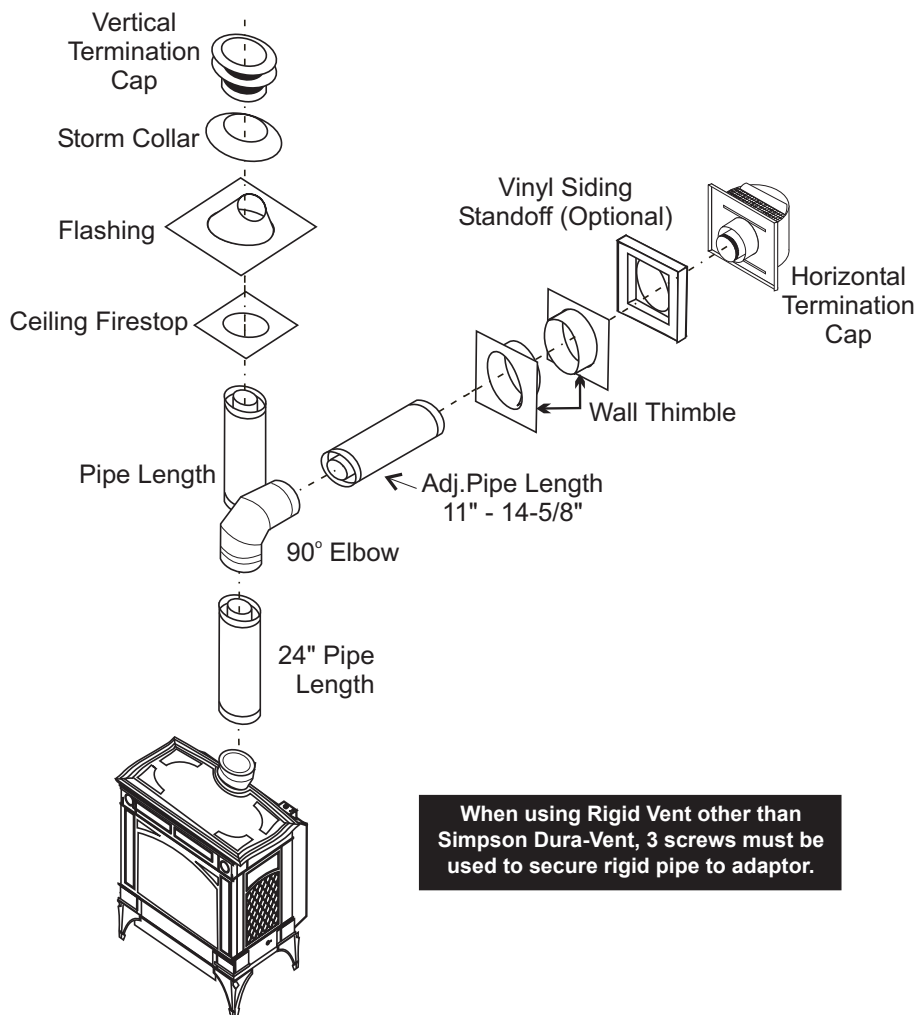


#### **WARNING:**

Do not combine venting components from different venting systems.

However use of the 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 Intertek WHI listing of components.



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

The FPI AstroCap™ and FPI Riser Vent terminal are certified for installations using FPI 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 FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.

## H15 Gas Stove

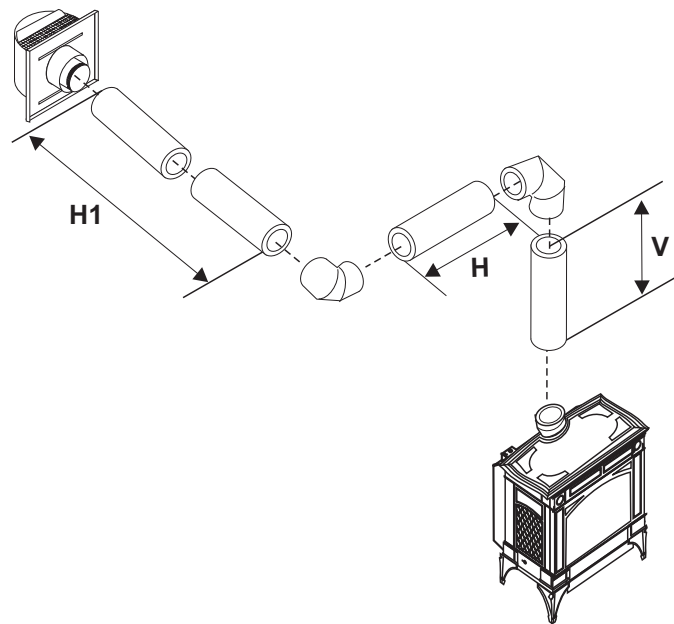
### Horizontal Venting with Two (2) 90° Elbows

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. <b>Please note minimum 1 foot between 90° elbows is required.</b>
A)	1' Min.	3' Max.	
B)	2' Min.	4' Max.	
C)	3' Min.	5' Max.	
D)	4' Min.	6' Max.	
E)	5' Min.	7' Max.	
F)	6' Min.	8' Max.	

Lengths do not include elbow indicated

Vent restrictor position A (fully open), refer to the "Vent Restrictor Postion" section.



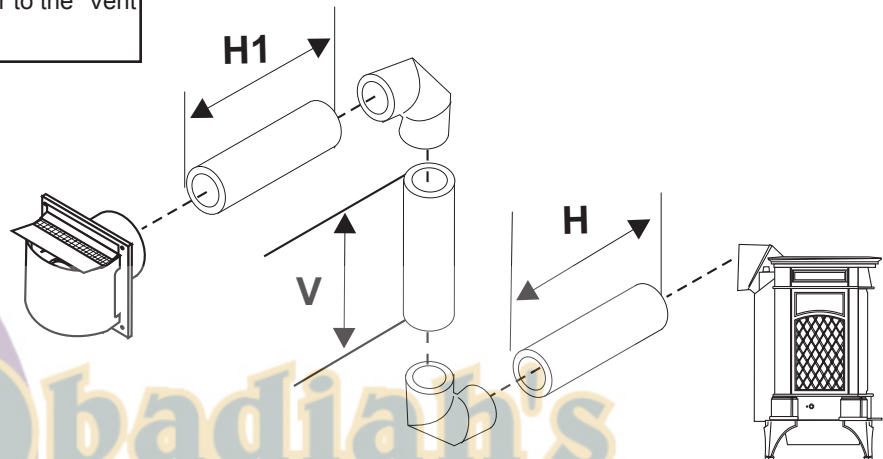
### Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

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

Lengths do not include elbow indicated

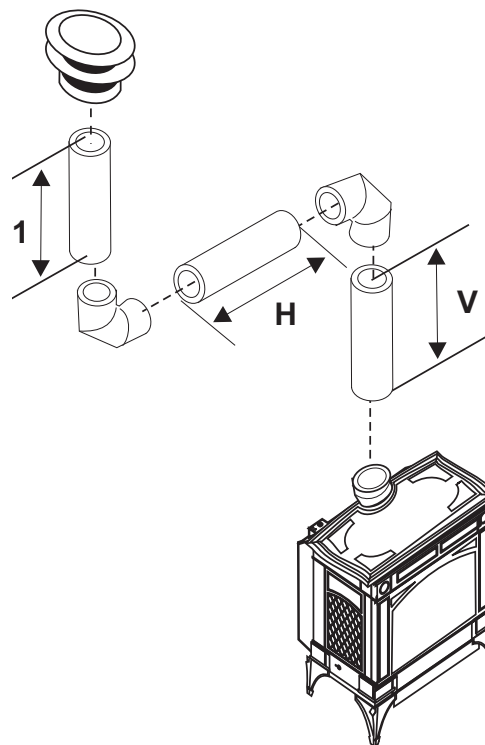
Vent restrictor position A (fully open), refer to the "Vent Restrictor Postion" section.



## Vertical Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

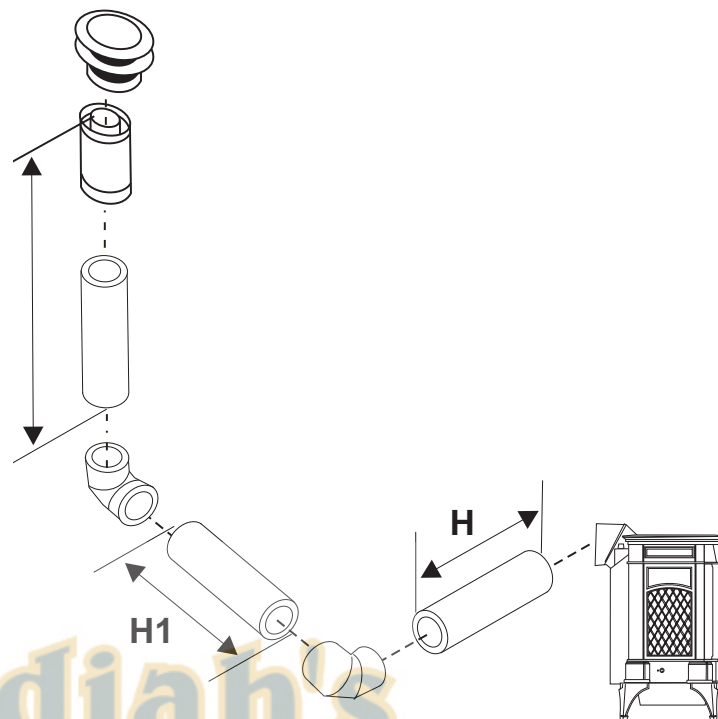
Option	V	H	V + V1	With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 8 feet total horizontal. <b>Please note min. 1 foot between 90° elbows is required.</b>
A)	1' Min.	4' Max.	2' Min.	
B)	2' Min.	5' Max.	3' Min.	
C)	3' Min.	6' Max.	4' Min.	
D)	4' Min.	7' Max.	5' Min.	
E)	5' Min.	8' Max.	6' Min.	
Lengths do not include elbow indicated				
Vent restrictor position A (fully open), refer to the "Vent Restrictor Postion" section.				



One 90° elbow = Two 45° elbows.

## Vertical Venting with Two (2) 90° Elbows

Option	H + H1	V	With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 6 feet total horizontal. <b>Please note min. 1 foot between 90° elbows is required.</b>
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.	
Lengths do not include elbow indicated			
Vent restrictor position A (fully open), refer to the "Vent Restrictor Postion" section.			



## VENTING ARRANGEMENTS

### Horizontal Terminations for

## All Venting Systems

The shaded areas in the diagram below show all allowable combinations of vertical runs with horizontal terminations. Maximum one 90° elbow (two 45° elbows equal one 90° elbow).

### Propane and Natural Gas: Residential, Manufactured and Mobile Homes Installations

*May be installed in Manufactured (Mobile) Homes after first sale.*

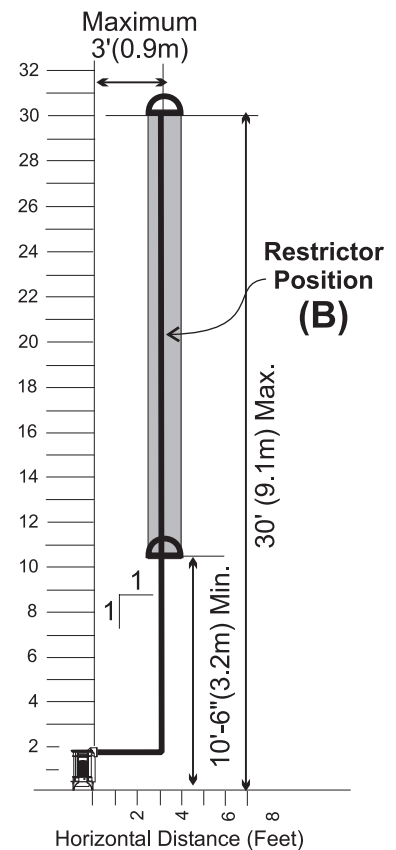
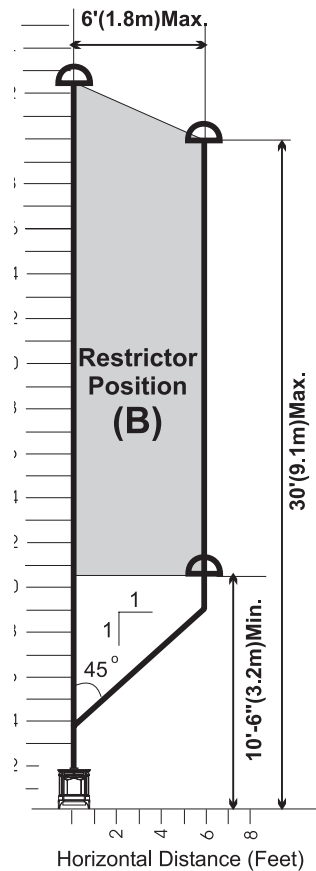
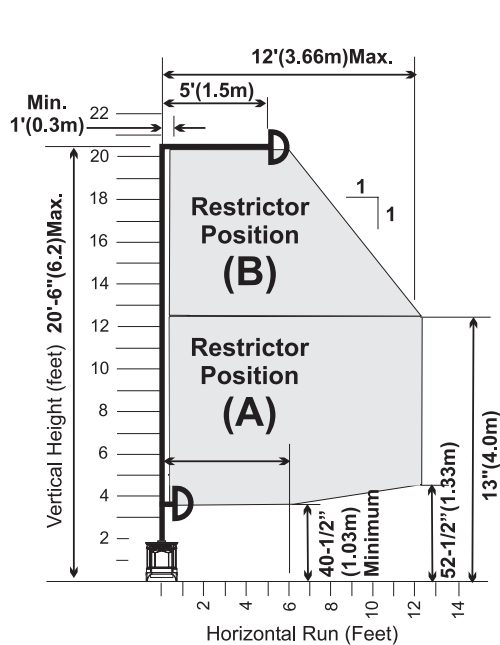
## Vertical Terminations Systems for Residential Manufactured and Mobile Homes

The shaded area in the diagram below shows all allowable combinations of straight vertical and offset to vertical runs with vertical terminations. Maximum two 45° elbows.

If the vent is ENCLOSED in a chase (min. size 9" x 9") maintain a 1-10/4" clearance to combustibles.

*May be installed in Manufactured (Mobile) Homes after first sale.*

### Offset to Vertical Terminations

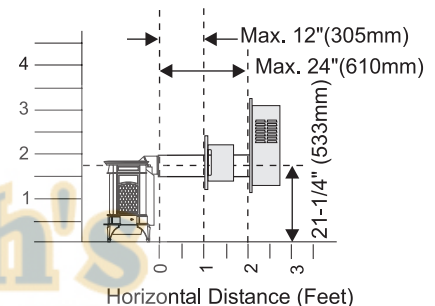
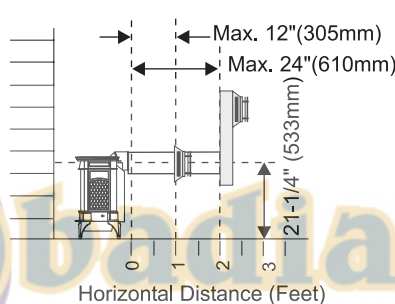


## Venting Arrangements - Horizontal Terminations

The two diagrams show all allowable combinations of straight horizontal termination with one 45° elbow off the unit. Restrictor position "A".

12" max. w/AstroCap or Simpson DuraVent  
Horizontal Square Termination Cap.

24" max. w/FPI Riser or Snorkel Termination Cap.



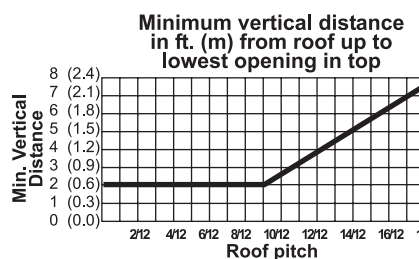


## VERTICAL TERMINATION WITH CO-LINEAR FLEX SYSTEM

**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 chart below for minimum and maximum flue lengths. See chart below for minimum distances from roof. Periodically check that the vent is unrestricted.

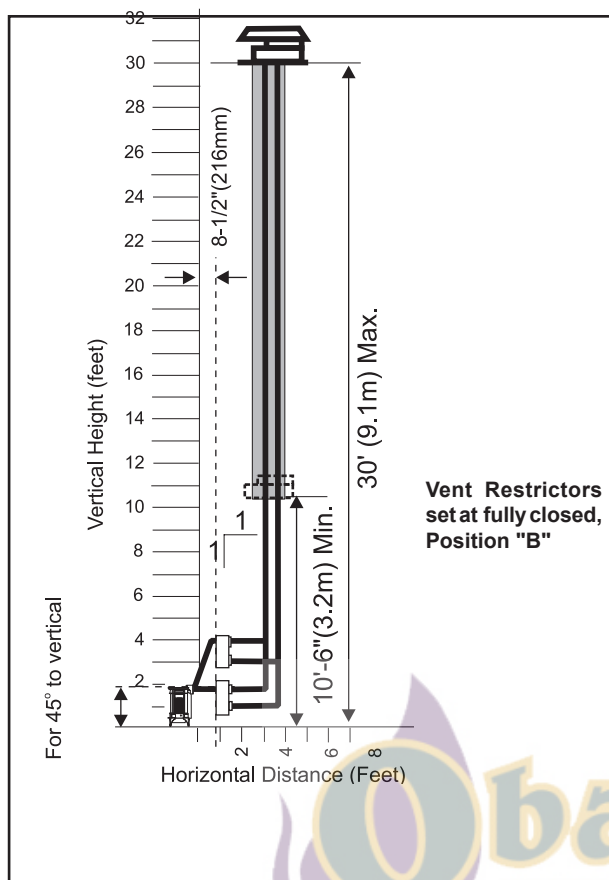
Masonry chimneys may take various contours which the flexible liner will accommodate. However, **keep the flexible liner as straight as possible**, avoid unnecessary bending.



Venting Arrangements - Vertical Terminations with Co-linear Flex System for both Residential & Manufactured Homes into Masonry Fireplaces

The shaded area in the diagram shows the allowable vertical terminations.

Straight Vertical Terminations



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

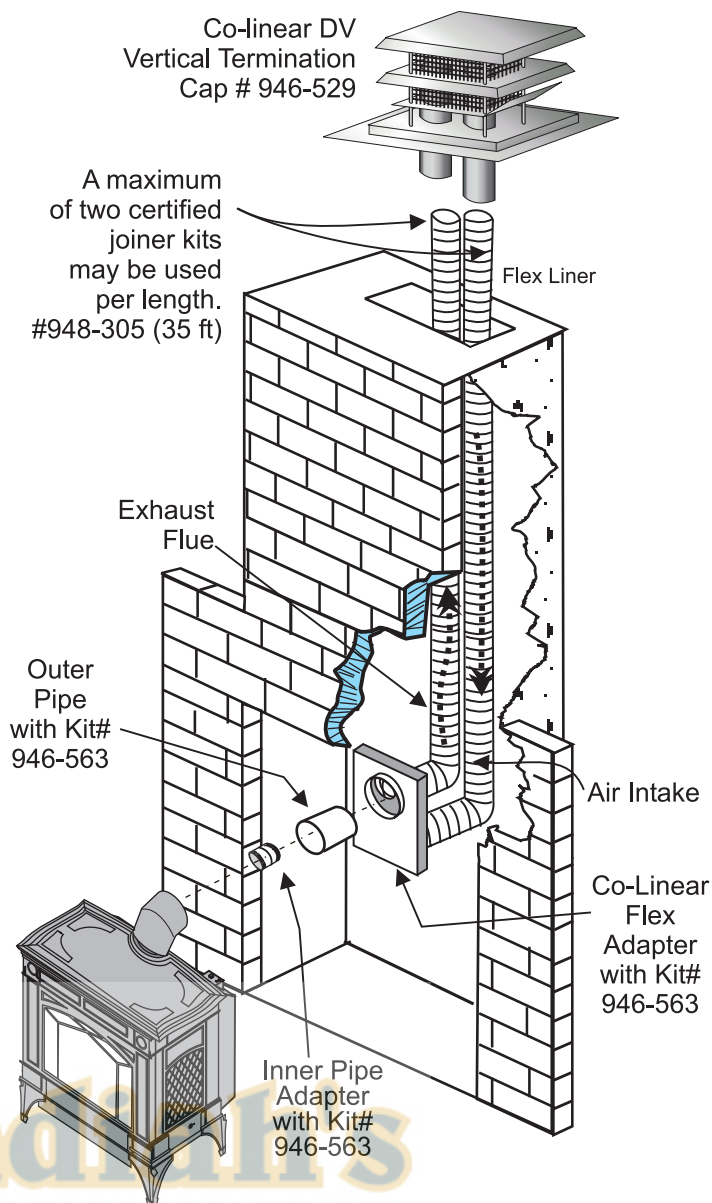
### Required Parts:

#### 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 following:	
	Co-linear Flex Adapter (270-Outer Pipe (946-257)	991 High Wind Cap
585)	Inner Pipe Adapter (946-219)	923GK 3" Co-linear Adapter with flashing

### Alternate Approved Caps

980	Vertical Termination Cap
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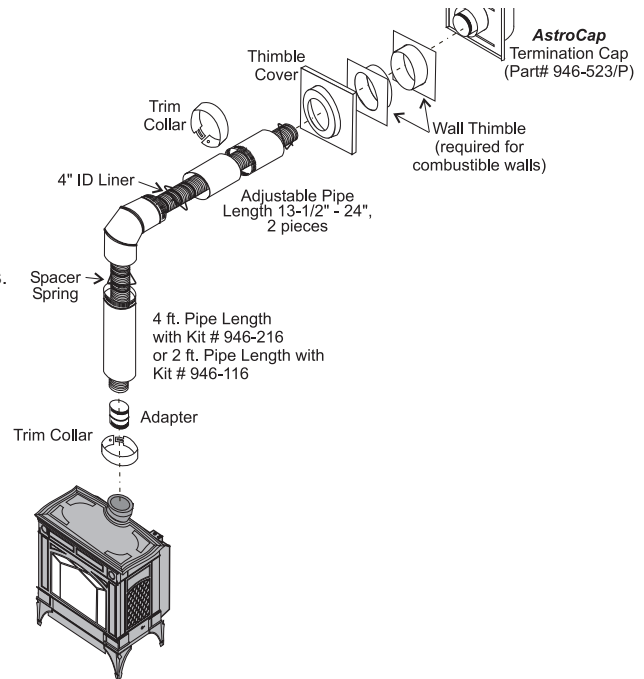


## DV STOVE HORIZONTAL VENT KIT

DV 2 ft. Stove Vent Kit (Part # 946-1016) and DV 4 ft. Stove Vent Kit (946-216) includes all the parts needed to install the H15-10 Direct Vent

unit with up & out horizontal and vertical vent dimensions. For installations that require longer vertical and/or horizontal vents use the Dura-Vent system as shown in the "Dura-Vent Termination Kit" and "Dura-Vent Venting Components" sections.

Qty.	Description
1) 1	Rigid Pipe Section (Kit # 946-1016: 2 ft. (1.2m) length, Kit # 946-216: 4 ft. (1.2m) length), 6-10/2" (165mm) inside diameter
2) 1	Flex Liner, compressed aluminium 2 ply liner, 4" (102mm) inside diameter
3) 4	spring spacers
4) 1	90 deg. Elbow
5) 1	Adjustable pipe section 13-10/2" to 24" (343mm x 610mm), 2 pcs.
6) 1	Thimble Cover
7) 1	Wall Thimble (2 pcs.)
8) 1	Adapter
9) 1	<b>AstroCap</b> Termination Cap
10) 2	Trim Collars
11) 1	tube of Mill-Pac, high temperature sealant
12) 12	Screws, #8 x 1/2" Self tapping, Stainless Steel
13) 14	Screws, #8 x 1/2" Self tapping, Black
14) 4	Screws #8 x 1-10/2" Drill Point, Black
15) 4	Screws #8 x 1-10/2" Drill Point, Stainless Steel
16) 8	Wood screws #8 x 1"



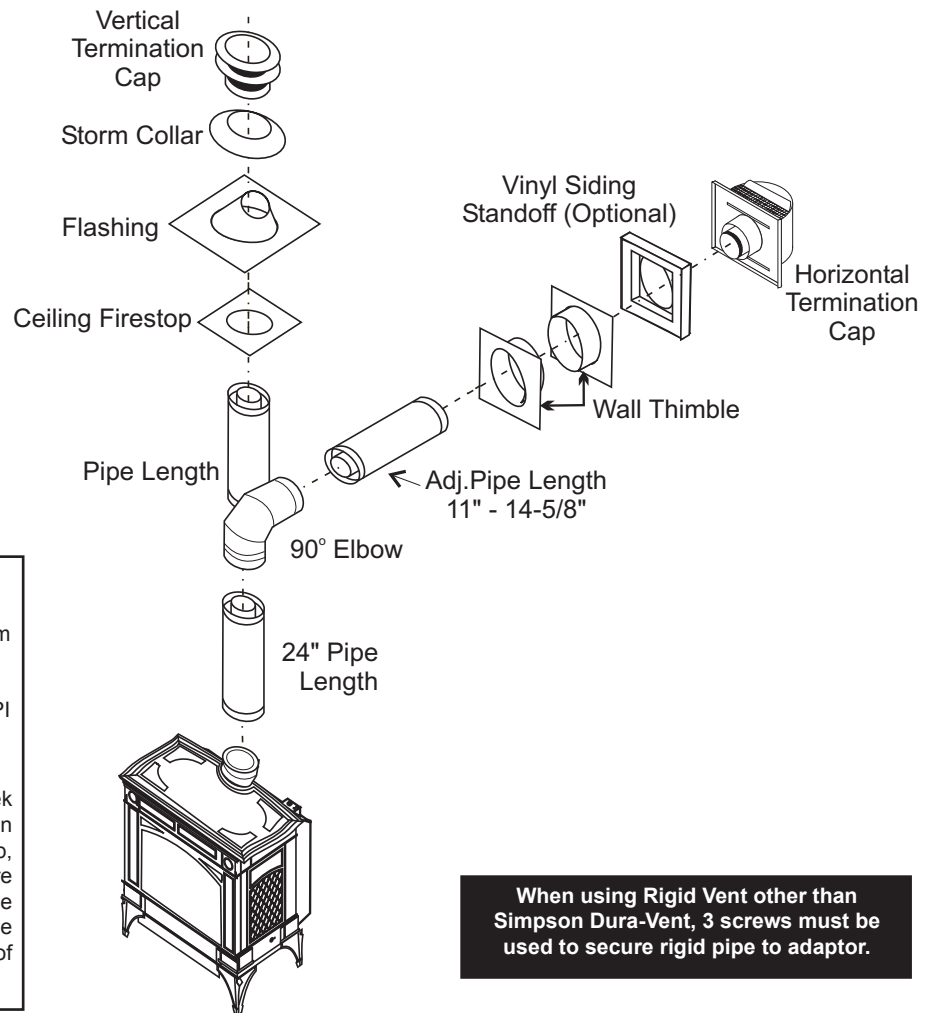
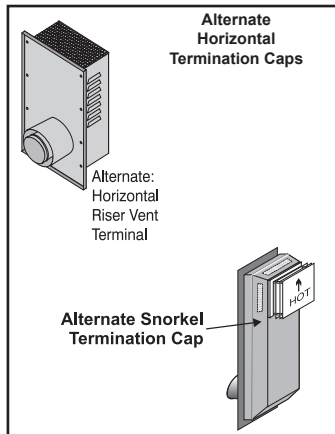
### Note:

- Liner sections should be continuous without any joints or seams.
- This is an approved system, therefore components in this system must not be substituted for any other manufacturer's products.



## RIGID PIPE VENTING SYSTEMS

### Horizontal or Vertical Terminations



#### **WARNING:**

Do not combine venting components from different venting systems.

However use of the 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 Intertek WHI listing of components.

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

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