

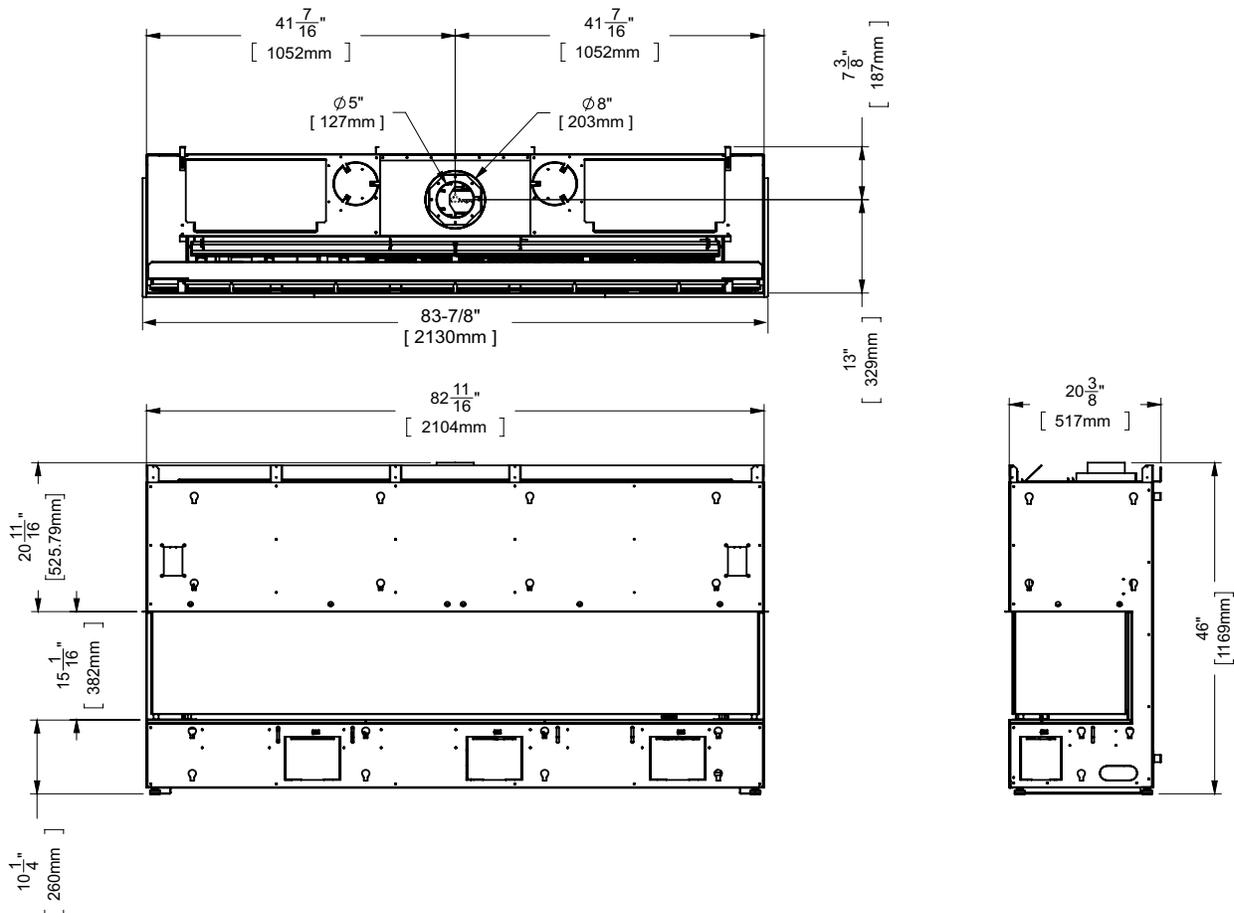
# City Series® CB72EPV POWER VENT

MODEL	CB72EPV-NG	CB72EPV-LP
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. (1.59 kPa)
Orifice Size -Altitude 0-4500 ft	#30 DMS	#47 DMS
Minimum Input Altitude 0-4500 ft. (0-1372m)	46,500 Btu/h (13.63 kW)	45,500 Btu/h (13.33 kW)
Maximum Input Altitude 0-4500 ft. (0-1372m)	32,000 Btu/h (9.37 kW)	36,000 Btu/h (10.55 kW)
**Vent Sizing	5" Inner / 8" Outer	5" Inner / 8" Outer
CSA P.4.1	63.39%	65.52%



**\*\*Note:** This appliance comes with a 5" inner vent and 8" outer vent which must be reduced to 4" x 6-4/8" venting. See specification pages for details.

## DIMENSIONS



# CLEARANCES BAY INSTALL

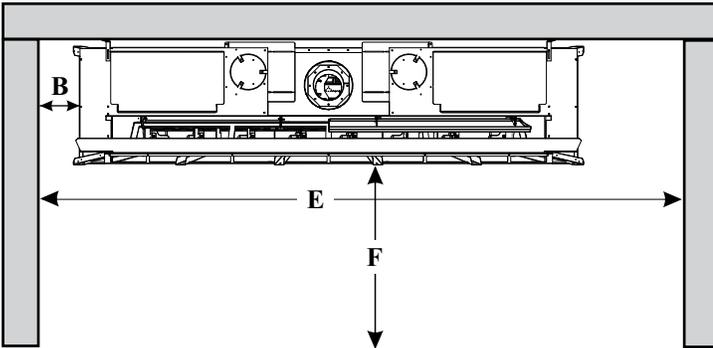
The clearances listed below are minimum distances unless otherwise stated.

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.

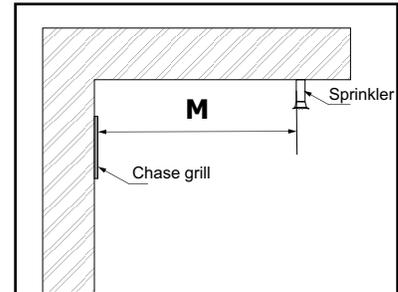
Clearance: single sided	Dimension	Measured From:
A1: Mantel Height (min.)	**	Top of Fireplace Opening
A: From Floor	min. 0"	Bottom of Fireplace Opening
B: Sidewall (on one side) Min.	8" (203mm)	Side of Fireplace Opening
C: Enclosure Width (min.)	82-11/16" (2100mm)	Minimum inside dimensions
D: Mantel Depth (max.)	**	
E: Alcove Width	120" (3048mm)	Sidewall to Sidewall (Minimum)
F: Alcove Depth	36" (914mm)	Front to Unit (Maximum)
G: Convection Air Outlet Opening Offset	*0-2" (0-51mm)	Max. offset from top of chase enclosure
H: Convection Air Outlet	*288 square inches	
I Enclosure Depth (min.)	20-3/8" (517mm)	Minimum inside dimensions
J: Opening Height	15-1/16" (383mm)	Bottom/Top of Fireplace Opening
K: To Ceiling (Min.) all 3 sides	2-1/2" (64mm)	To Top of Ceiling
L: Chase Enclosure (Min.)	87" (2210mm)	From base of unit/floor to top of enclosure
M: Clearance to Sprinkler Head (Min.)	36" (914mm)	Perpendicular from chase grill
Hearth	0"	No hearth required

Flue Clearances to Combustibles	
Horizontal - Top	3"
Horizontal - Side	2"
Horizontal - Bottom	2"
Vertical	2"
Passing through wall/floor/ceiling - when firestop is used.	1-1/2"
Note: This appliance uses 4" x 6-5/8" venting	

\*\* See mantel clearances chart in this manual.



Alcove



Side view



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

**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.

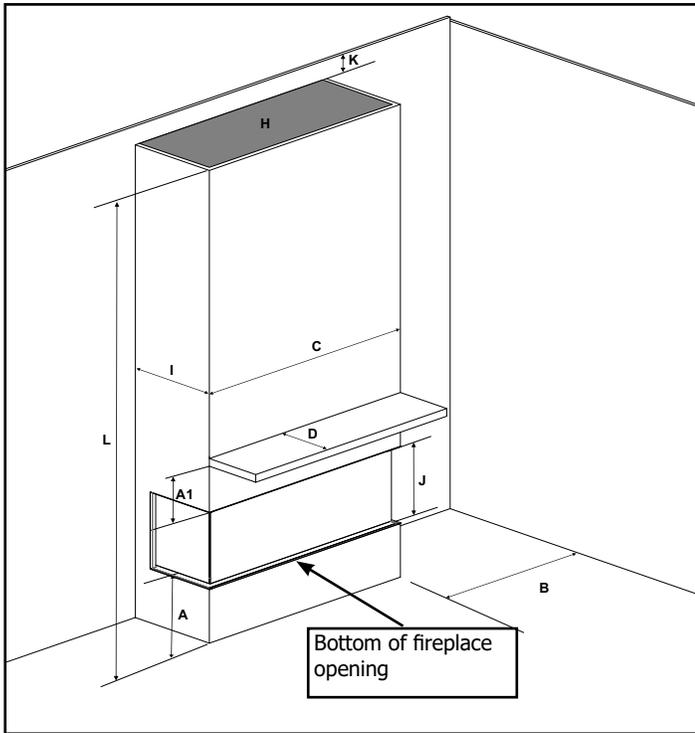
**WARNING**

**Fire hazard is an extreme risk**

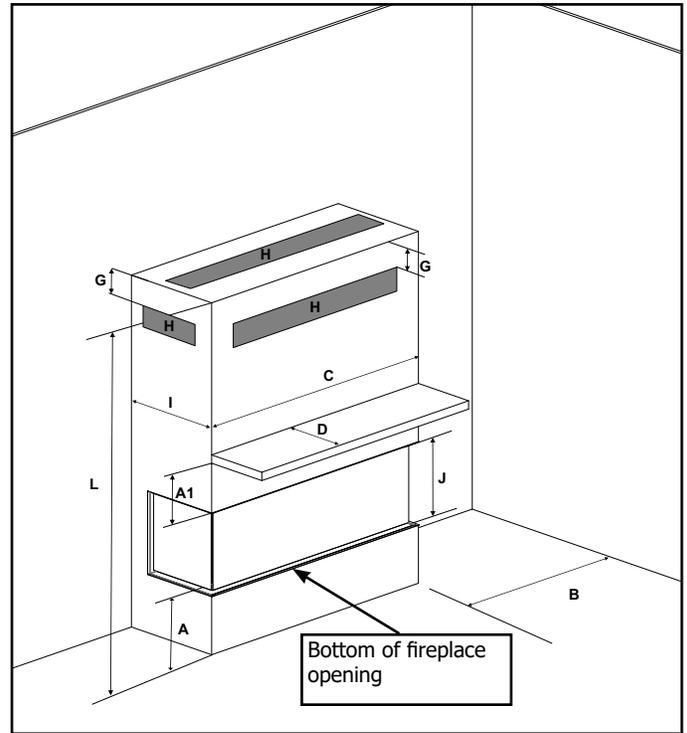
**if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.**

# CLEARANCES

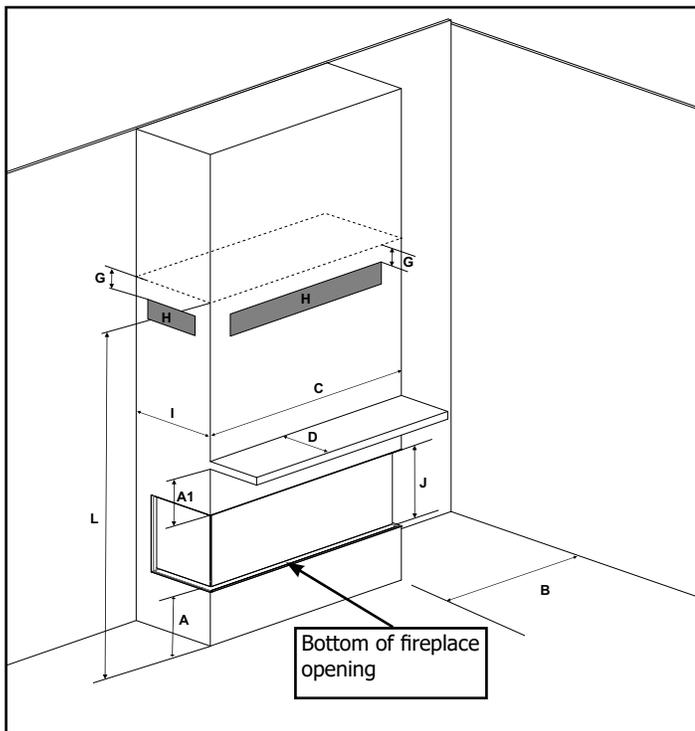
## Clearances - Corner Install



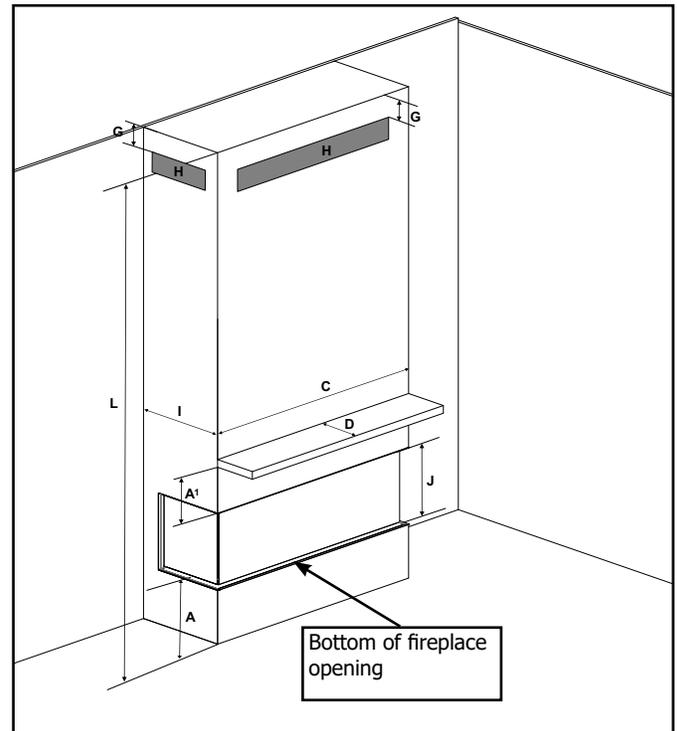
Floor to ceiling with top opening



Low framing with vents in front/2 sides or top



Full framing with low vents in front or 2 sides



Full framing with vents in front or 2 sides

## Clearances - Corner Install

The clearances listed below are minimum distances unless otherwise stated.

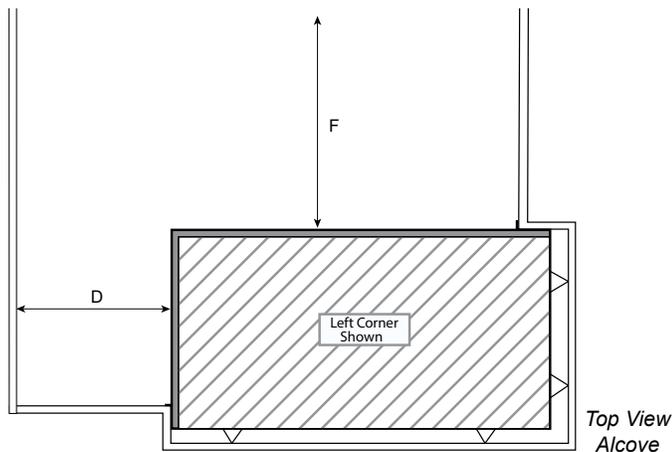
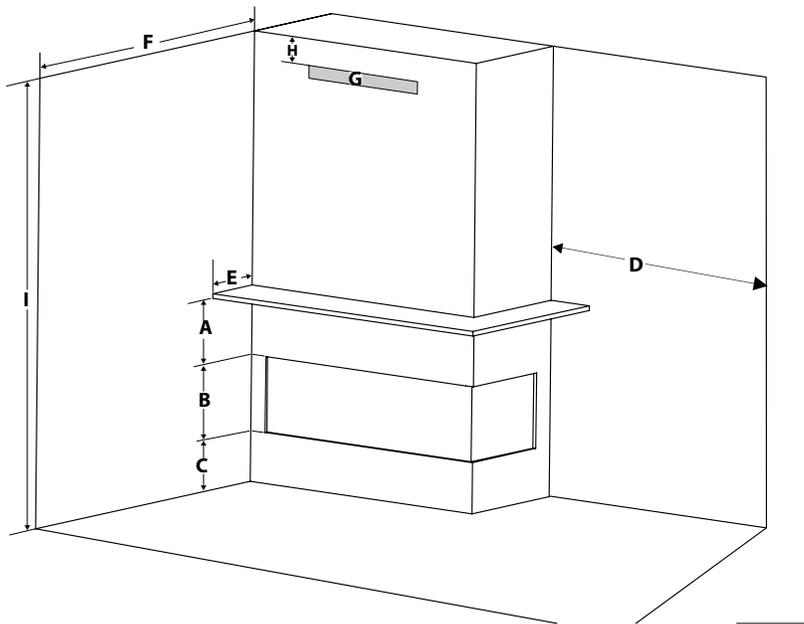
A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

Note: Left handed corner shown in illustration. Clearances will be the same for the right hand side.

Clearance: single sided	Dimension	Measured From:
<b>A: Mantel Height (min.)</b>	**	Top of Fireplace Opening
<b>B: Opening Height</b>	15-1/16" (383mm)	Bottom/Top of Fireplace Opening
<b>C: From Floor</b>	Min. 0"	Bottom of Fireplace Opening
<b>D: Sidewall (on one side)</b>	Min. 26" (660mm)	Side of Fireplace Opening
<b>E: Mantel Depth (Max.)</b>	**	Front of Fireplace Opening
<b>F: Alcove Depth</b>	Min. 36" (914mm)	Front of Fireplace Opening
<b>G: Convection Air Outlet</b>	288 square inches	
<b>H: Convection Air Outlet Opening Offset</b>	0-2" (51mm)	Max. offset from top of chase enclosure
<b>I: Chase Enclosure (Min.)</b>	87" (2210mm)	From Base of Unit/Floor to top of enclosure
<b>Hearth</b>	0"	No hearth required

\*\* See mantel clearances chart in this manual.

Flue Clearances to Combustibles	
Horizontal - Top	3"
Horizontal - Side	2"
Horizontal - Bottom	2"
Vertical	2"
Passing through wall/floor/ceiling - when firestop is used.	1-1/2"



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

### 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.

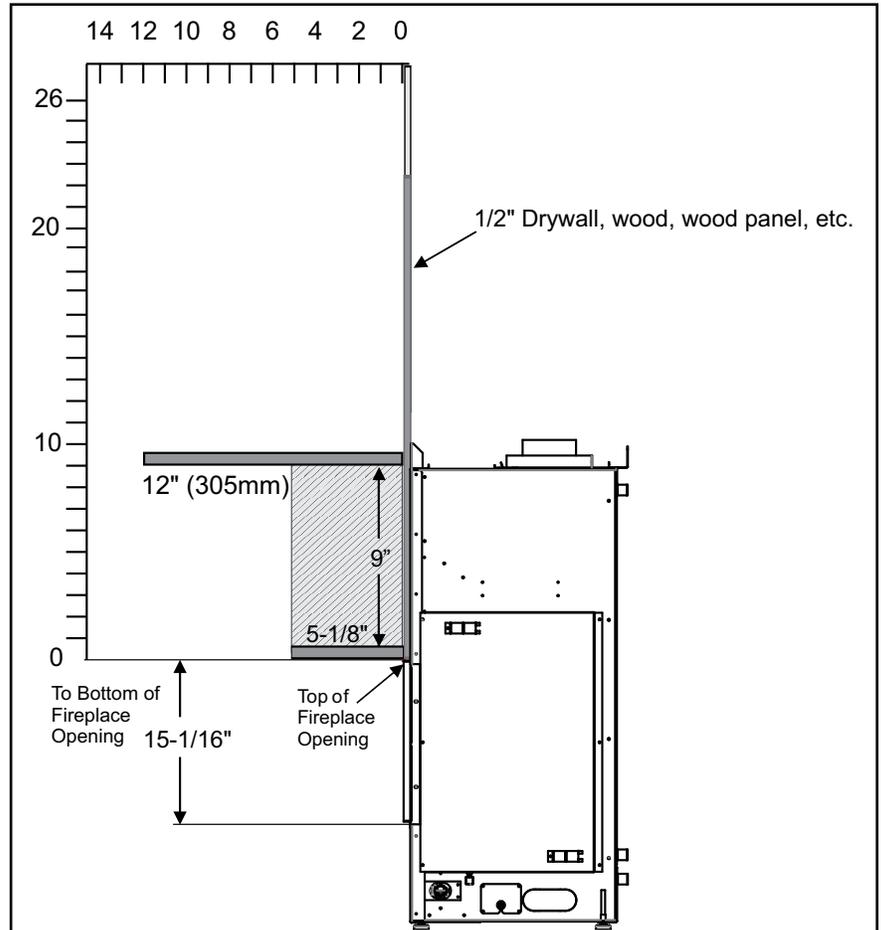
### WARNING

**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 only in accordance with these instructions.**

# MANTEL CLEARANCES

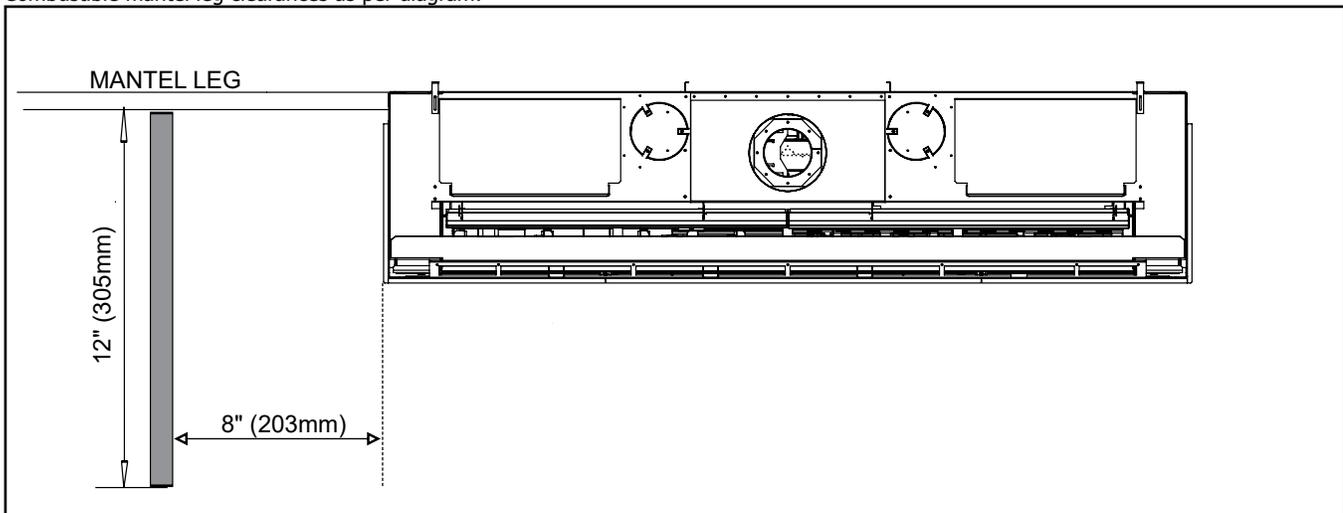
## Mantel Clearances

Combustible mantel clearances from top of front facing are shown in the diagram on the right.



## Mantel Leg Clearances

Combustible mantel leg clearances as per diagram:



# FRAMING-BAY INSTALL

## Framing Dimensions - Bay Install

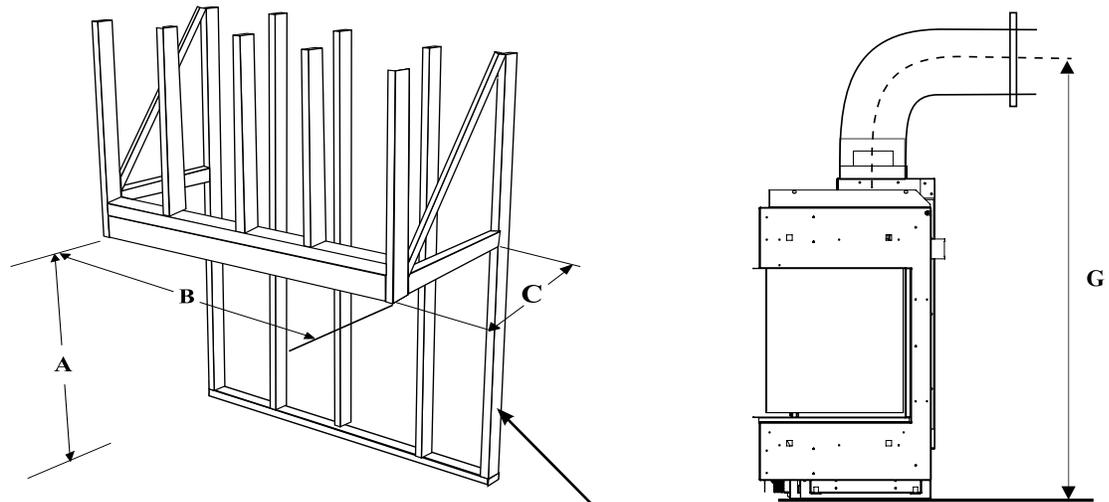
**NOTE: Framing may be constructed of combustible material (ie. 2 x 4) and does not require steel studs.**

Framing Dimensions	Description	CB72EPV
A	Framing Height	51" (1295mm)
B	Framing Width	82-11/16" (2100mm)
C*	Framing Depth	20-5/8" (524mm)
D	Minimum Height to Combustibles	87"(2210mm)
G***	Vent Centerline Height (Flex)	55-1/4" (1403mm)
G***	Vent Centerline Height (Rigid)	59-1/4" (1505mm)
**	Gas Connection Opening Height	See gas connection location in this manual
**	Gas Connection Height	See gas connection location in this manual
**	Gas Connection Inset-Centre Opening	See gas connection location in this manual

\* Not shown in diagram below  
 \*\* See manual for alternate Gas/ Electrical connection options  
 \*\*\* **Important:** Minimum overall vent run must be 4 feet. Even though centerline is 55 1/4 (flex) & 59 1/4" (rigid), if appliance is framed at minimum depth, the 4 feet of vent run could not be obtained. Center line will need to be increased in height in order to achieve a minimum vent run of 4 feet.

Ensure that the wood base that the appliance will sit on is strong enough to support the full weight of this appliance. The overall weight of this appliance is 582 pounds (shipping weight).

Note: A combined minimum of 288 square inches of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met. See clearances CB72EPV in this manual as there are different methods as to how this can be achieved.



Note: This appliance must be installed on a solid surface such as a plywood floor which must be the full width and depth of the appliance.

**Note: Unit must be installed onto a solid backwall - do not install directly onto studs.**

**\*C**  
**Note :** The framing depth does not take into account drywall/wood or similar materials against the back wall. The framing depth will need to change based on the thickness of the material (example: 20 5/8 framing depth + 1/2 drywall = 21 1/8")

# FRAMING- RIGHT CORNER INSTALL

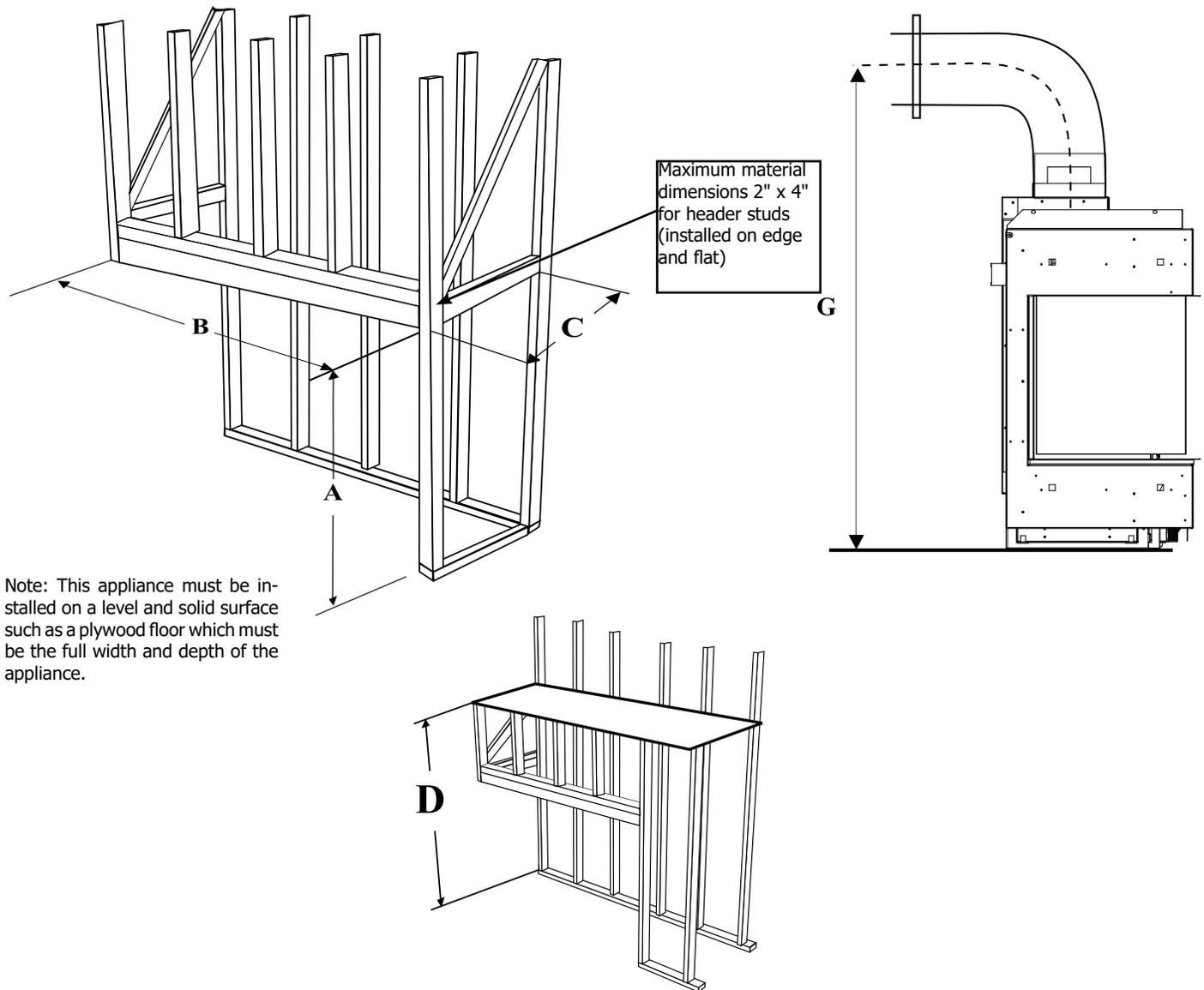
**NOTE: Framing may be constructed of combustible material (ie. 2 x 4) and does not require steel studs.**

Framing Dimensions	Description	Corner Kit
A	Framing Height	51" (1295mm)
B	Framing Width	84" (2134mm)
C	Framing Depth	20-5/8" (524mm)
D	Unit Base to Top Enclosure (Min.)	87"(2210mm)
G***	Vent Centerline Height (Flex)	55-1/4" (1403mm)
G***	Vent Centerline Height (Rigid)	59-1/4" (1505mm)

\*\*\* **Important:** Minimum overall vent run must be 4 feet. Even though centerline is 55 1/4" (flex) & 59 1/4" (rigid), if appliance is framed at minimum depth, the 4 feet of vent run could not be obtained. Center line will need to be increased in height in order to achieve a minimum vent run of 4 feet.

Note: A combined minimum of 288 square inches of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met. See clearances CB72EPV in this manual as there are different methods as to how this can be achieved.

**NOTE: Unit cannot be load-bearing. All finishing materials must be supported by the framing.**



Note: This appliance must be installed on a level and solid surface such as a plywood floor which must be the full width and depth of the appliance.

## FRAMING- LEFT CORNER INSTALL

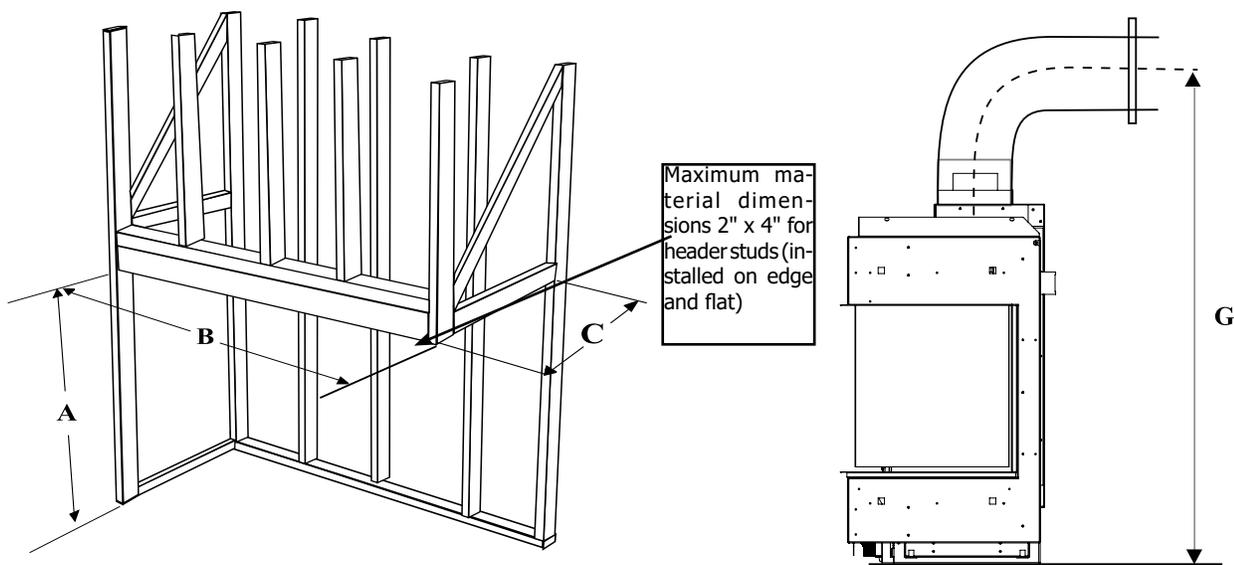
**NOTE: Framing may be constructed of combustible material (ie. 2 x 4) and does not require steel studs.**

Framing Dimensions	Description	Corner Kit
A	Framing Height	51" (1295mm)
B	Framing Width	84" (2134mm)
C	Framing Depth	20-5/8" (524mm)
D	Unit Base to Top Enclosure (Min.)	87"(2210mm)
G***	Vent Centerline Height (Flex)	55-1/4" (1403mm)
G***	Vent Centerline Height (Rigid)	59-1/4" (1505mm)

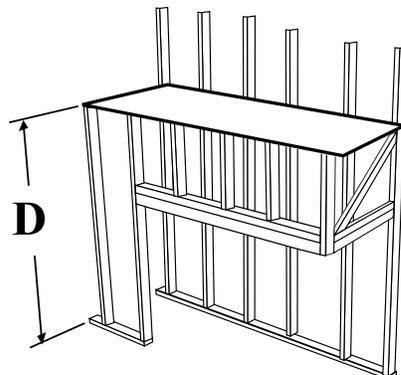
\*\*\* **Important:** Minimum overall vent run must be 4 feet. Even though centerline is 55 1/4 (flex) & 59 1/4" (rigid), if appliance is framed at minimum depth, the 4 feet of vent run could not be obtained. Center line will need to be increased in height in order to achieve a minimum vent run of 4 feet.

Note: A combined minimum of 120 square inches of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met. See clearances CB72EPV in this manual as there are different methods as to how this can be achieved.

**NOTE: Unit cannot be load-bearing. All finishing materials must be supported by the framing.**



Note: This appliance must be installed on a level and solid surface such as a plywood floor which must be the full width and depth of the appliance.



# VENTING ARRANGEMENTS - HORIZONTAL TERMINATIONS

## End of Line Horizontal Vent Chart

**RIGID PIPE:** MUST USE RIGID PIPE ADAPTOR 770-994 AND 946-606 PIPE REDUCER TO 4" X 6 5/8" (102 mm - 168 mm)

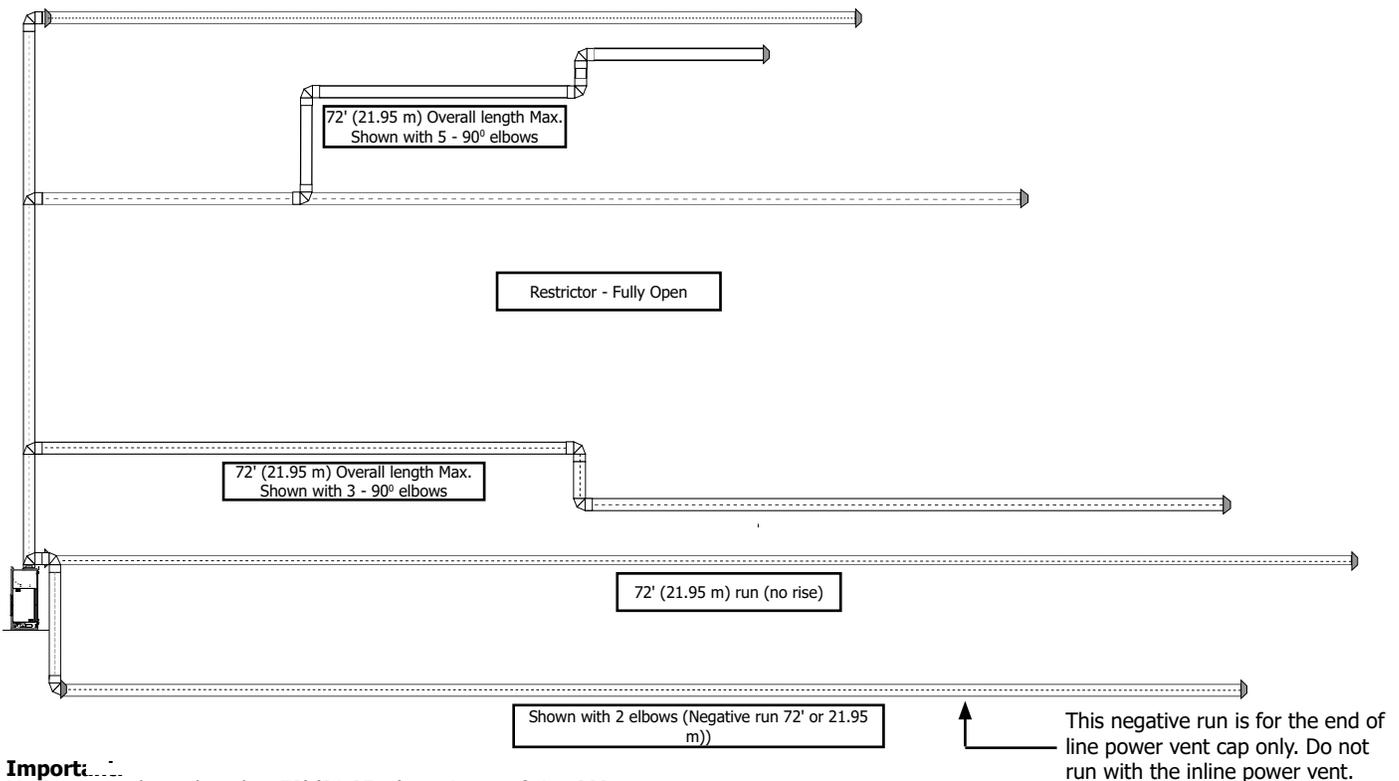
Note: Rigid pipe is approved for up to 72 feet (21.95 m).

**FLEX VENT:** MUST USE REDUCER 946-758 TO 4" X 6 5/8" (102 mm - 168 mm)

Note: Flex pipe is approved for up to 40 feet (12.19 m) using 2 X 946-756-- 20 foot (6.10 m) flex kits.

The gas power vent system is designed to allow the installation of a gas appliance when typical vent configurations (shown in this manual) are not possible.

**Note:** The CB72EPV comes with a 5" (127 mm) inner and 8" (203 mm) outer collar which must be reduced to 4" x 6 5/8" (102 mm - 168 mm) in all applications. Must be terminated horizontally. Vertical terminations are not permitted.



**Important:**

Maximum total vent length = 72' (21.95 m) maximum of six - 90° elbows permitted.

One 90° elbow = two 45° elbows.

Maximum total negative vent length = 7' (2.13 m).

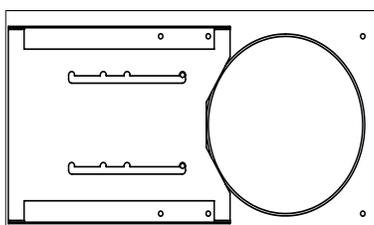
Minimum 4 ft (1.22 m) from the unit to terminating.

Note: Maximum length of 72 feet (21.95 m) is based on overall length of combined chimney components.

Do not run positive venting after a negative run.

## Vent Restrictor Position

No Vent Restrictor Required for the CV72EPV



Set 0  
Fully open  
Factory Set

# VENTING ARRANGEMENTS - HORIZONTAL TERMINATIONS

## Inline Horizontal Vent Chart

RIGID PIPE: MUST USE RIGID PIPE ADAPTOR 770-994 AND 946-606 PIPE REDUCER TO 4" X 6 5/8" (102 mm x 168 mm).

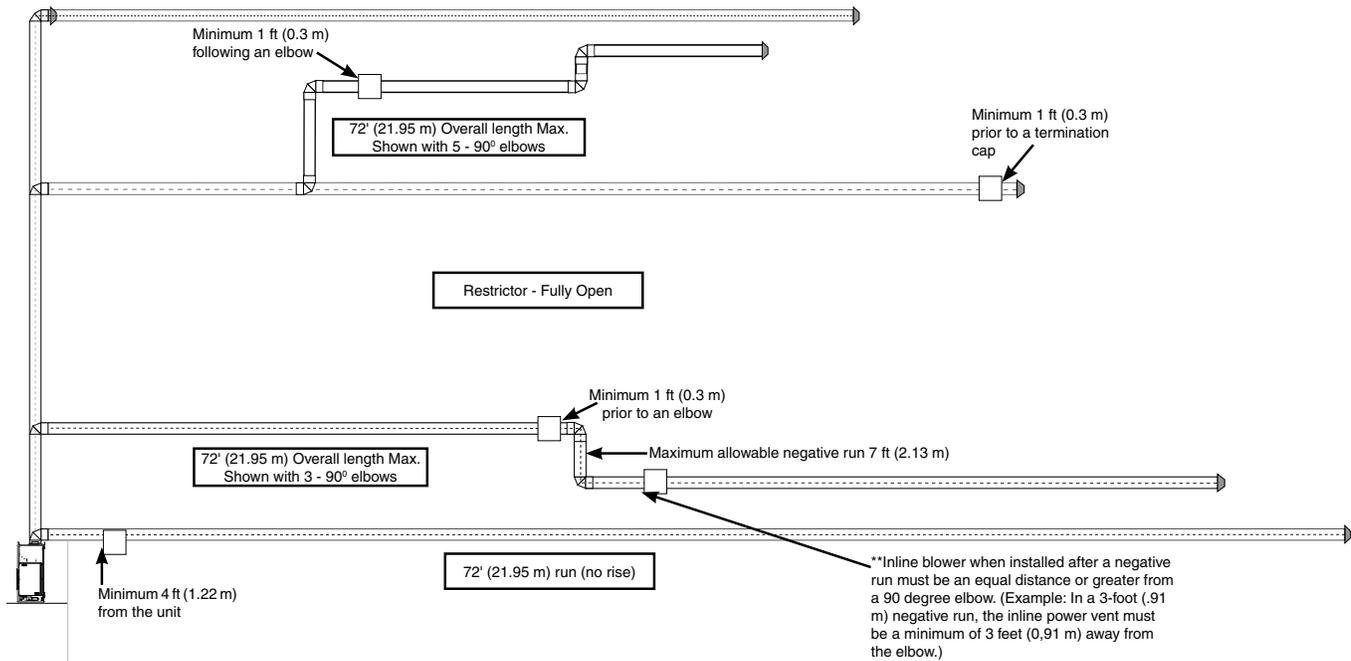
Note: Rigid pipe is approved for up to 72 feet (21.95 m).

FLEX VENT: MUST USE REDUCER 946-758 TO 4" X 6 5/8" (102 mm x 168 mm).

Note: Flex pipe is approved for up to 40 feet (12.19 m) using 2 X 946-756-20 foot (6.10 m) flex kits.

The gas power vent system is designed to allow the installation of a gas appliance when typical vent configurations (shown in this manual) are not possible.

**Note:** This model comes with a 5" (127 mm) inner and 8" (203 mm) outer collar which must be reduced to 4" x 6 5/8" (102 mm x 168 mm) in all applications. Must be terminated horizontally. Vertical terminations are not permitted.



### Important:

Maximum total vent length = 72' (21.95 m) maximum of six - 90° elbows permitted.

One 90° elbow = two 45° elbows.

Maximum total negative vent length = 7' (2.13 m) .

Note: Maximum length of 72 (21.95 m) feet is based on overall length of combined chimney components.

Do not run positive venting after a negative run.

### Inline power vent location restrictions:

Minimum 4 ft (1.22 m) from the unit

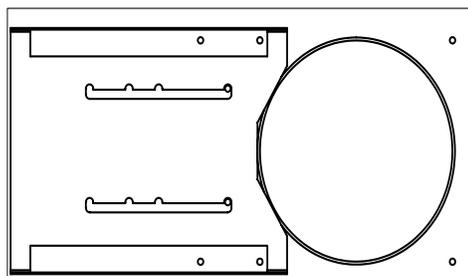
Minimum 1 ft (0.3 m) prior to an elbow.

Minimum 1 ft (0.3 m) following an elbow.

Minimum 1 ft (0.3 m) prior to a termination cap.

When the inline blower is installed after a negative run, for every foot of negative run the inline blower must be an equal distance or greater from the 90-degree elbow. See example above.

## Vent Restrictor Position



Set 0  
Fully open  
Factory Set

# VENTING ARRANGEMENTS - VERTICAL TERMINATIONS

## Inline Power Vent

Vertical venting with straight vertical venting and or with a max. of six (6) 90° Elbows (1 - 90° = 2 - 45°)

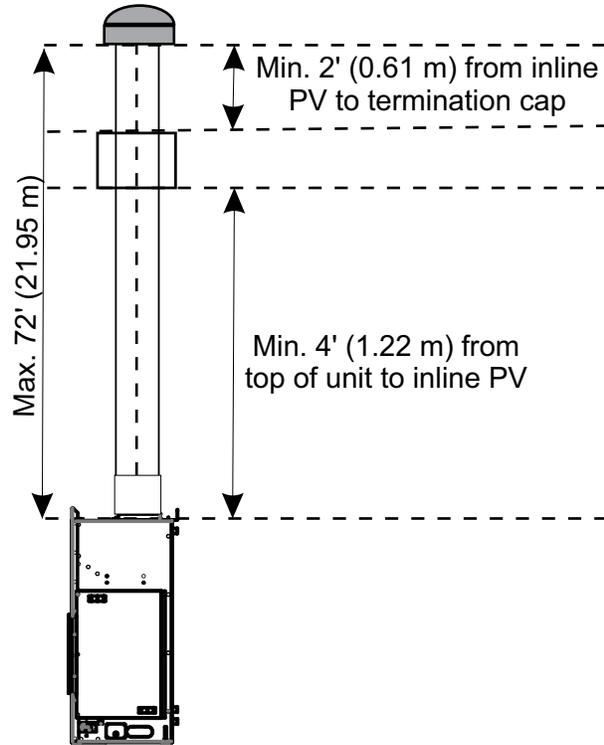
RIGID PIPE: MUST USE RIGID PIPE ADAPTOR 770-994 AND 946-606 PIPE REDUCER TO 4" X 6" 5/8" (102 mm x 168 mm)

Note: Rigid pipe is approved for up to 72 feet (21.95 m).

FLEX VENT: MUST USE REDUCER 946-758 TO 4" X 6" 5/8" (102 mm x 168 mm).

Note: Flex pipe is approved for up to 40 feet (12.19 m) using 2 X 946-756--20 foot flex kits.

- Two 45° elbows equal to one 90° elbow.
- Vent must be supported at offsets.
- Minimum distance between elbows is 1 ft. (0.3 m).
- Maintain clearances to combustibles as listed in the "Clearances" section.
- Horizontal vent must be supported every 3 feet (0.91 m).
- Firestops are required at each floor level and whenever passing through a wall.



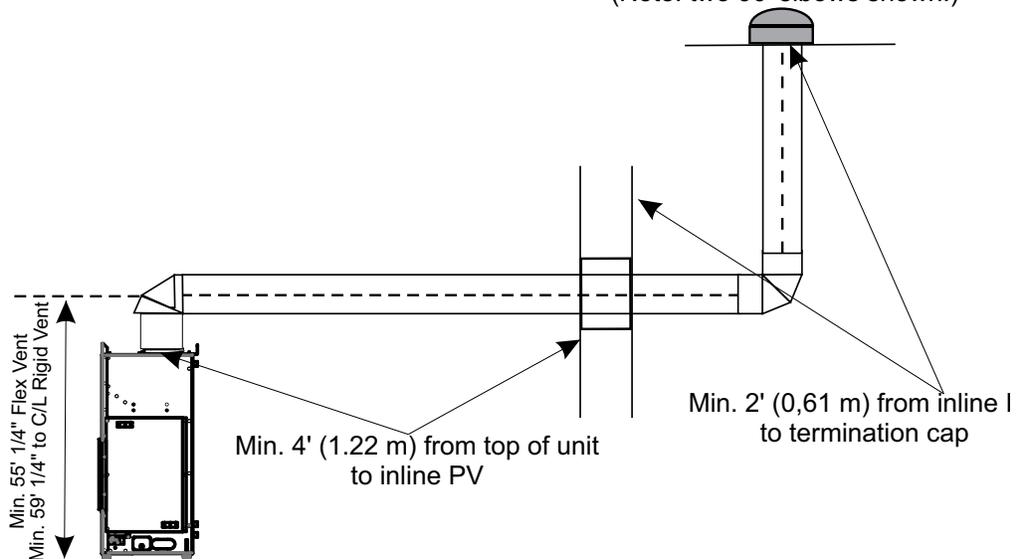
Restrictor set on 0 (fully open) regardless of vent run.

Inline power vent location restrictions:

- Minimum 4 ft (1.22 m) from the unit.
- Minimum 1 ft (0.3 m) prior to an elbow.
- Minimum 1 ft (0.3 m) following an elbow.
- Minimum 2 ft (0.61 m) prior to a termination cap.
- Minimum 2 ft. from inline PV to termination cap.
- Minimum 4' from top of unit to inline PV.
- Max. of 72' (21.95 m), using up to six 90° elbows
- (Note: example shows two 90° elbows).
- No negative runs.

Note: The inline power vent must be installed within the confines of the home/structure.

Max. of 72' (21.95 m), using up to six 90° elbows  
(Note: two 90° elbows shown.)



# VENTING ARRANGEMENTS - VERTICAL TERMINATIONS

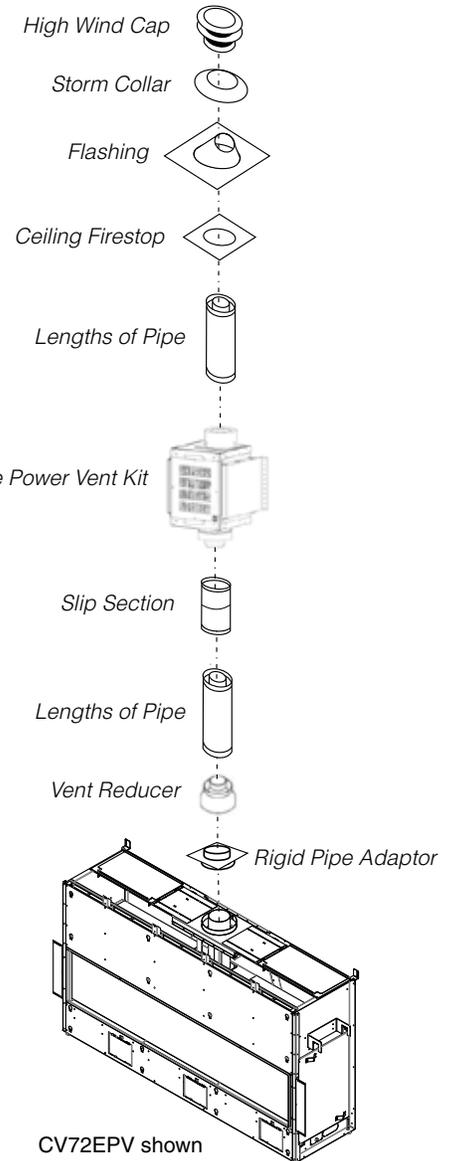
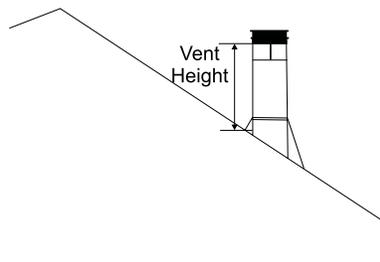
## Rigid Pipe

The minimum components required when using inline power vent are:

- 1 High Wind Cap
- 1 Rigid Pipe Adaptor (770-994)
- 1 Ceiling Firestop
- 1 Flashing
- 1 Storm Collar
- 1 Lengths of pipe to suit wall thickness & vent run (see chart)
- 1 Vent Reducer
- 1 Inline Power Vent Kit

Galvanized pipe is desirable above the roofline due to its higher corrosion resistance. Continue to add pipe sections through the flashing until the height of the vent cap meets the minimum height requirements specified in table below or local codes. Note that for steep roof pitches, the vertical height must be increased. A poor draft, or down drafting can result from high wind conditions near big trees or adjoining roof lines, in these cases, increasing the vent height may solve the problem.

Roof Pitch	Minimum Vent Height	
	Feet	Meters
flat to 7/12	2	0.61
over 7/12 to 8/12	2	0.61
over 8/12 to 9/12	2	0.61
over 9/12 to 10/12	2.5	0.76
over 10/12 to 11/12	3.25	0.99
over 11/12 to 12/12	4	1.22
over 12/12 to 14/12	5	1.52
over 14/12 to 16/12	6	1.83
over 16/12 to 18/12	7	2.13
over 18/12 to 20/12	7.5	2.29
over 20/12 to 21/12	8	2.44



CV72EPV shown

### WARNING:

Do not combine venting components from different venting 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, ICC Excel Direct, Olympia Ventis DV, 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.

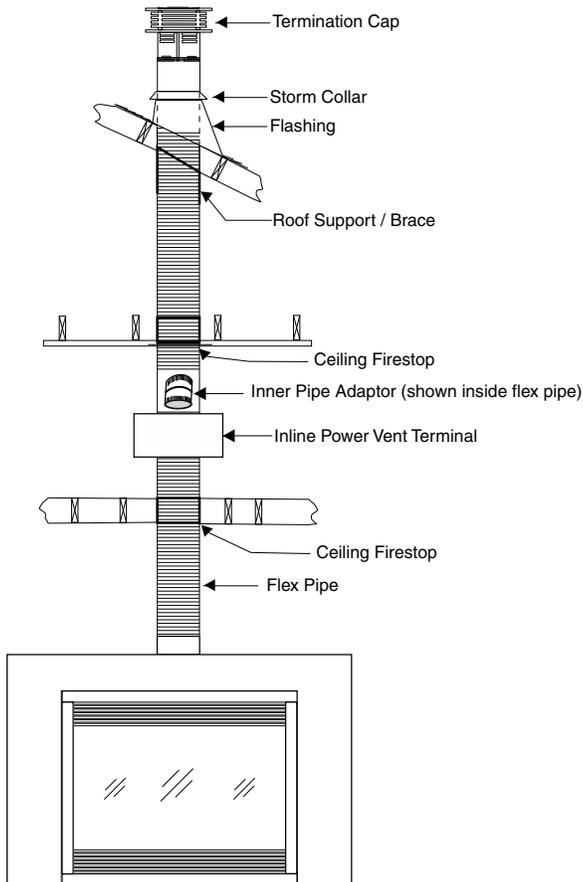
**When using Rigid Vent other than Simpson Dura-Vent, 3 screws must be used to secure rigid pipe to adaptor.**

# VENTING ARRANGEMENTS - VERTICAL TERMINATIONS

## Flex Pipe

FLEX VENT: MUST USE REDUCER 946-758 TO 4" X 6 5/8" (102 mm x 168 mm)

Note: Flex pipe is approved for up to 40 feet (12.19 m) using one 20 foot (6.10 m) flex kit (part # 946-755) and one 20 foot (6.10 m) flex kit extension (part # 946-756).



### Inline power vent location restrictions:

- Minimum 4 ft (1.22 m) from the unit.
- Minimum 1 ft (0.3 m) prior to an elbow.
- Minimum 1 ft (0.3 m) following an elbow.
- Minimum 2 ft (0.61 m) prior to a termination cap.
- Minimum 2 ft (0.61 m) from inline PV to termination cap.
- Minimum 4ft (1.22 m) from top of unit to inline PV.
- Max. of 72' (21.95 m), using up to six 90° elbows
- (Note: example shows two 90° elbows).
- No negative runs.

### Power Vent Kit (Part #666-945)

- 1 666-945 Power vent kit sold separately.
  - 1 946-219/P Adaptor pipe included w/power vent kit.
  - 1 946-755 20' (6.10 m) Vertical Flex Kit (sold separately) includes: 20 ft. (6.10 m) flex pipe with 10 spacers (inner & outer pipe), 3 wall straps, ceiling firestop, roof brace, flex to rigid adaptor, roof support/brace, 36 in. (914 mm) rigid Duravent pipe, storm collar, high wind termination cap, hardware.
  - 1 Max. 946-756 20' (6.10 m) flex kit extension (sold separately).
  - 1 946-758 Reducer (required - sold separately).
  - 1 Power vent fan included w/power vent kit.
  - 1 911-250/P 45' (13.72 m) 5-wire BX cable (sold separately).
- OR
- 1 911-251/P 90' (27.43 m) 5-wire BX cable (sold separately).

### Must also purchase one of the flashings listed below:

- 1 46DVA-F12 Flashing 7/12 - 12/12
- 1 46DVA-F6 Flashing 0/12 - 6/12
- 1 46DVA-FF Flat roof flashing

# VENTING ARRANGEMENTS - HORIZONTAL TERMINATIONS

## 4" x 6-5/8" Flex Vent

These venting systems, in combination with the CB72EPV 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 "Exterior Vent Termination Locations" section.

**Regency® Direct Vent (Flex) System Termination Kits include all the parts needed to install the CB72EPV using a flexible vent.**

These venting systems, in combination with this model 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 "Exterior Vent Termination Locations" section.

**Regency® Direct Vent (Flex) System Termination Kits include all the parts needed to install this model using a flexible vent.**

**Notes:**

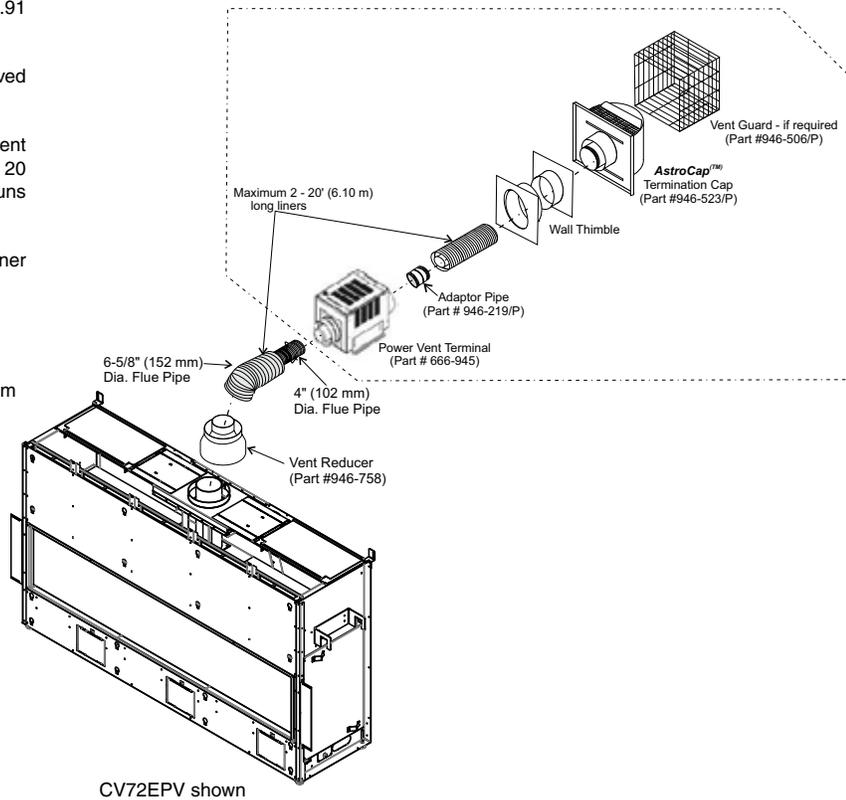
1. Only Flex pipe purchased from Regency® may be used for Flex installations
2. Horizontal vent must be supported every 3 feet (0.91 m).
3. Regency® Direct Vent System (Flex) is only approved for horizontal terminations.
4. Flex system can only be used up to a maximum vent length of up to 40 feet (12.19 m) using up to 2 x 20 ft (6.10 m) flex kits (part # 946-756). If longer runs are required, rigid pipe must be used.
5. Must use adaptor pipe (946-219/P) to connect inner flex pipe as shown.

Maximum total vent length = 72' (21.95 m) maximum of six-90° elbows permitted.  
 One 90° elbow = two 45° elbows  
 Maximum total negative vent length = 7' (2.13 m)

Note: Maximum length of 72' (21.95 m) is based on overall length of combined chimney components.

Do not run positive venting after a negative run.

Inline power vent location restrictions:  
 Minimum 4 ft (1.22 m) from the unit  
 Minimum 1 ft (0.3 m) prior to an elbow.  
 Minimum 1 ft (0.3 m) following an elbow.  
 Minimum 1 ft (0.3 m) prior to a termination cap.  
 Minimum 6 ft (1.82 m) rise from top of unit if there is a negative run.



Power Vent Kit (Part 666-945)			
2 Max.	946-756	20' Flex Kit	Sold separately
1		Power Vent Fan	Included w/Power Vent kit
1	911-250/P	45' (13.72 m)-5 Wire BX Cable or	Sold separately
1	911-251/P	90' (27.43 m) 5-Wire BX Cable	Sold separately
1	666-945	Power Vent Kit	Sold separately
1	946-219/P	Adaptor Pipe	Included w/power vent kit
1	946-206	Vinyl Siding Standoff	Sold separately
1	946-523/P	Astro Cap Termination	Sold separately
1		Wall Thimble	Sold separately
1	946-506/P	Vent Guard	Sold separately

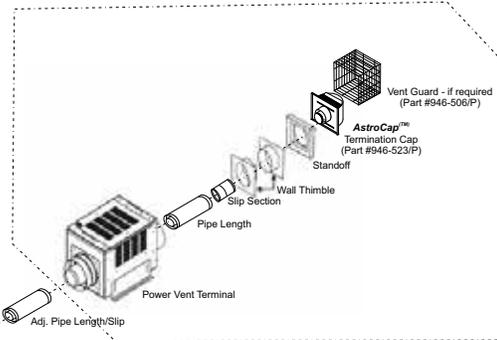
# VENTING ARRANGEMENTS - HORIZONTAL TERMINATIONS

## Rigid Pipe 4" x 6-5/8"

The minimum components required for a basic horizontal termination are:

- 1 Horizontal Termination Cap
- 1 Power Vent Kit
- 1 Rigid Pipe Adaptor
- 1 Vent Reducer
- 1 Length of pipe to suit wall thickness and total vent run (see Table 1)
- Adjustable pipe lengths/slips

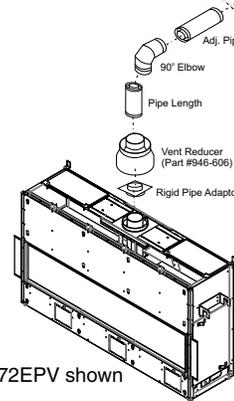
Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. Create a level surface to mount the vent terminal. The Terminal must not be recessed into siding. Measure the wall thickness.



Flat Wall Installation	
Wall Thickness	Vent Length Required
4" - 5-1/2" (102 mm - 140 mm)	6" (152 mm)
7" - 8-1/2" (178 mm - 216 mm)	9" (229 mm)
10" - 11-1/2" (254 mm - 292 mm)	12" (305 mm)
9" - 14-1/2" (228 mm - 368 mm)	11" - 14-5/8" Adj. Pipe (279 mm - 371 mm)
15" - 23-1/2" (381 mm - 597 mm)	17" - 24" Adj. Pipe (432 mm - 610 mm)

Table 1

CV72EPV shown



### Important:

Maximum total vent length = 72' (21.95 m) with a maximum of six 90° elbows.

One 90° elbow = two 45° elbows.

Maximum total negative vent length = 7' (2.13 m).

Note: Maximum length of 72' (21.95 m) is based on overall length of combined chimney components.

Do not run positive venting after a negative run.

Inline power vent location restrictions:

Minimum 4 ft (1.22 m) from the unit

Minimum 1 ft (0.3 m) prior to an elbow.

Minimum 1 ft (0.3 m) following an elbow.

Minimum 1 ft (0.3 m) prior to a termination cap.

Minimum 6 ft (1.8 m) rise from top of unit if there is a negative run.

Power Vent Kit (Part 666-945)			
1	770-994	Rigid Pipe Adaptor	Sold separately
2 Max.	946-606	Reducer (required)	Sold separately
1	911-250/P	45' (13.71 m) -5 Wire BX Cable or	Sold separately
1	911-251/P	90' (27.43 m) 5-Wire BX Cable	Sold separately
	Amount required for install	4" x 6-5/8" (102 mm x 168 mm) Rigid Pipe	Sold separately
1	666-945	Power Vent Kit	Sold separately
1	946-206	Vinyl Siding Standoff	Sold separately
1	946-523/P	Astro Cap Termination	Sold separately
1		Wall Thimble	Sold separately
1	946-506/P	Vent Guard	Sold separately

**NOTE: Slip section is mandatory.**

# VENTING ARRANGEMENTS - HORIZONTAL TERMINATIONS

## End of Line Power Vent Rigid Pipe 4" x 6-5/8"

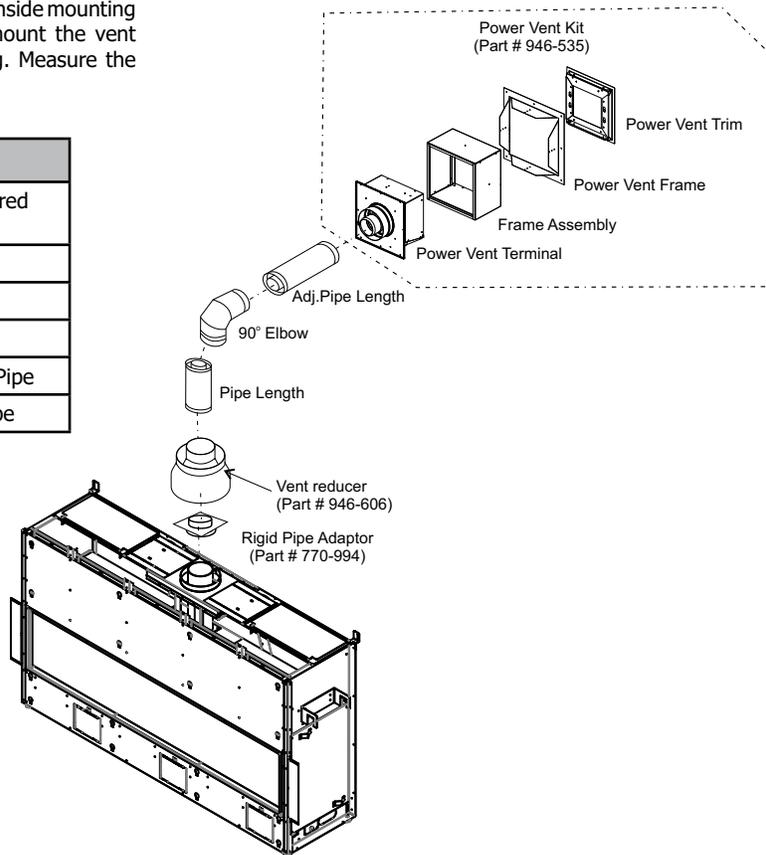
The minimum components required for a basic horizontal termination are:

- 1 Power Vent Kit
- 1 Rigid Pipe Adaptor
- 1 Vent Reducer
- 1 Length of pipe to suit wall thickness and total vent run (see Table 1)

Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. Create a level surface to mount the vent terminal. The Terminal must not be recessed into siding. Measure the wall thickness.

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. Pipe

Table 1



Power Vent Kit with Vent Terminal			
1	770-994	Rigid Pipe Adaptor	Sold separately
1	946-606	Vent Reducer (required)	Sold separately
	946-535	Power Vent Kit- includes: Frame, Frame Assembly, Vent Trim, Fan, and Terminal	Sold separately
1	911-250/P	45'-5 Wire BX Cable or	Sold separately
1	911-251/P	90' 5-Wire BX Cable	Sold separately
	Amount required for install	4" x 6-5/8" Rigid Pipe	Sold separately
<b>NOTE: *Slip section is mandatory.</b>			

