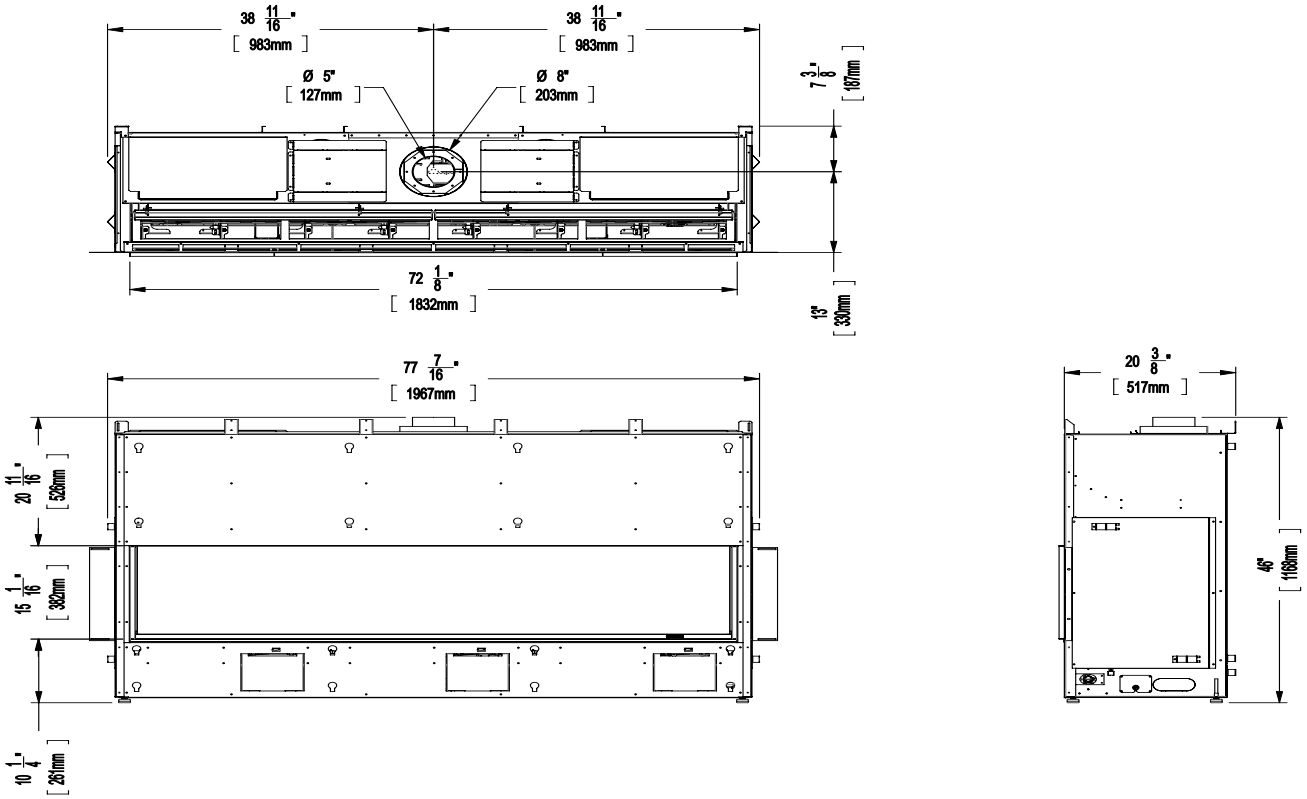
CV72EPV DIRECT VENT GAS FIREPLACE

MODEL	CV72EPV-NG	CV72EPV-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



Ventilation Openings

Regency's patented Cool Wall system releases warmth at ceiling level. This system reduces excessive radiant heat in front of the fireplace so you can enjoy your fireplace more often.

- Design your own chase vent solution to suit your home
- Use optional front or left & right side chase vent grills
- Release warmth into the room discreetly

Ventilation Opening Locations

The following are examples of how the ventilation openings may be placed above the fireplace.

The air travelling through the heat exchanger is heated by the fireplace and then directed out the back of the fireplace. The combined warmed air is then vented back into the room.

If using the optional heat wave kit, this does not reduce the size of the ventilation opening. The ventilation opening(s) must be a minimum 288 square inches regardless.

Front Exit

The ventilation opening may be placed in front ensuring it meets the 288 square inch opening & is located 0-2" (51mm) from the enclosure ceiling.

Side Exit

Ventilation openings, when placed on both sides, must be of the same size. They must be have an equal split (50/50) free air opening to balance air flow. A ventilation opening may never be on one side only.

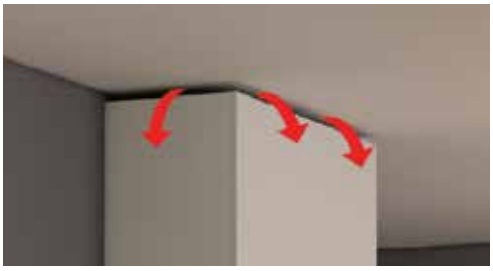
The ventilation openings cannot be any smaller than 6" (152mm) wide to equal the total area of 288 square inches of free open area.

Example: 6" (152mm) wide x 24" (610mm) High = 144 square inches per side of free open area. A second ventilation grill is installed on the other side to =100%.

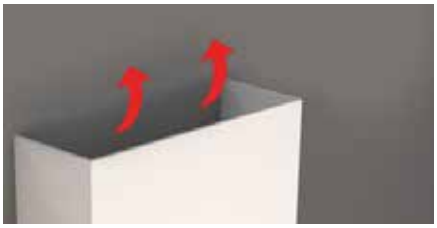
The ventilation openings must be located 0-2" (51mm) from the enclosure ceiling.

Top Exit

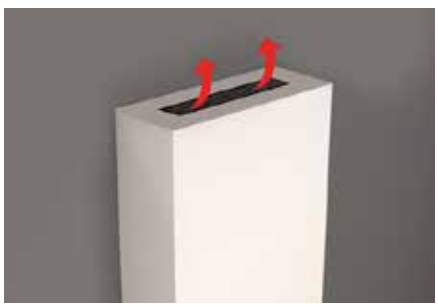
The ventilation opening may be short of the ceiling as shown below. Minimum opening height must be 2-1/2" (64mm) measured from top of enclosure to the ceiling and must be in open in front and both sides to meet the minimum 288 square inches free open air requirement.



The ventilation opening may be fully open at the top of the enclosure. This type of ventilation opening would be used when the top of the enclosure is not visible from above and where the ceiling within the room is higher than normal. When creating this type of ventilation opening, measures should be into place to avoid having objects of any type falling or be thrown into the ventilation opening. Mesh screen or other preventative measures should be put into place.



The ventilation opening may be placed on top ensuring it meets the 288 square inch opening. This type of ventilation opening would be used when the top of the enclosure is visible from above and where the ceiling within the room is higher than normal.



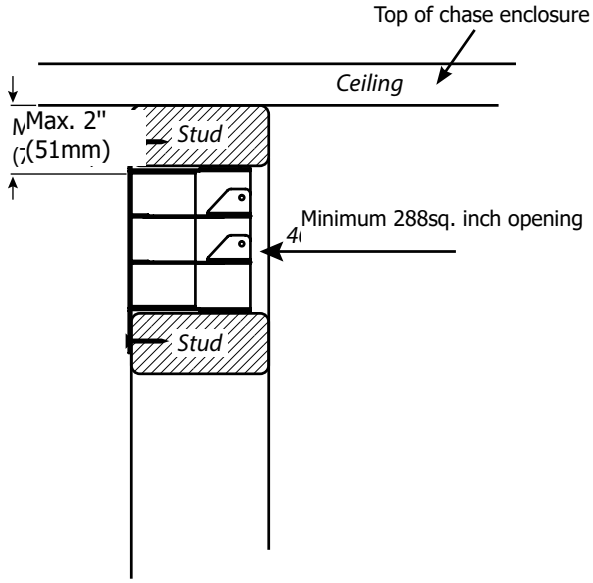
Chase Enclosure

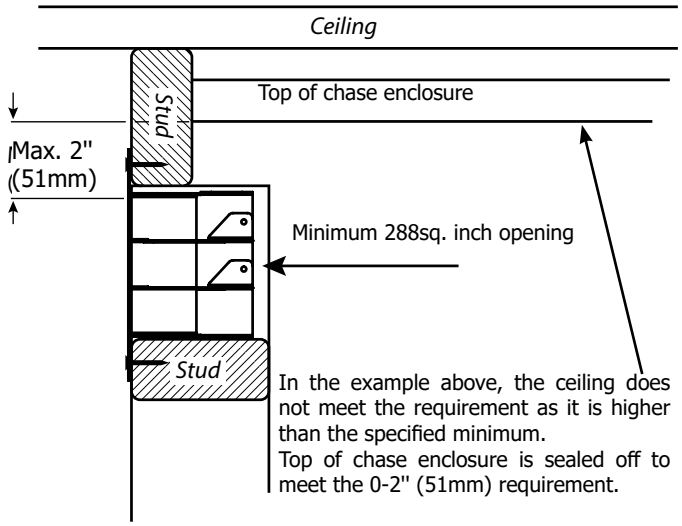
When choosing to install the ventilation openings from the front or both sides. The top of the ventilation opening cannot be any lower than 0-2" (51mm) from the top of the chase enclosure for all installations.
Minimum height of enclosure from base of appliance is 87" (2210mm).
A minimum 288in^2 opening in the enclosure is required to maintain safe operating temperatures. This can be achieved in a number of ways including the examples shown in this manual.

IMPORTANT:
Exterior wall/Alcove enclosure: When installing into an exterior cavity or alcove enclosure (ceiling, back and sides), regardless of where appliance is placed within the home, requires the use of either drywall or other means such as plywood, wood studs, etc. to prevent heat from escaping anywhere above /through the enclosure other than the required grill / ventilation opening.
Internal chase: When installing as an internal chase framing installation ,regardless of where appliance is placed within the home, requires the use of either drywall or other means such as plywood, on the rear wall of the chase to eliminate heat escaping into the rear wall cavity. If the chase is extended to the ceiling ,the ceiling will also need to be finished in a manner to prevent heat escaping into floor joist/attic space.

One of the following methods must be used to prevent the heat from escaping.
a. If choosing drywall, ensure that the drywall is butt up tight with no gaps.
b. Plywood, wood studs, etc. installed tightly with no gaps.

As this appliance has been designed with all hot air escaping through the chase enclosure ventilation/grill openings only, if hot air is trapped as a result of the hot air escaping through joints, crevasses, open studs, or other openings within the enclosure above, this will change the clearances within the enclosure causing the enclosure to overheat. It is vital that all the hot air from within the enclosure exits through the ventilation openings only.
Ensure that the ventilation openings are made as such to prevent debris, objects from falling into the enclosure.
Warning: DO NOT cover or place objects in front of the ventilation opening air outlet(s).



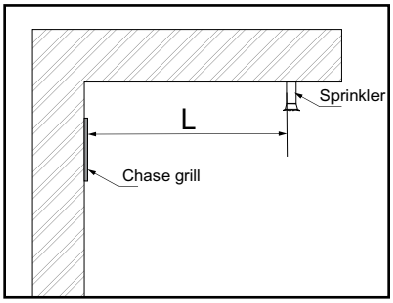


CLEARANCES

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.

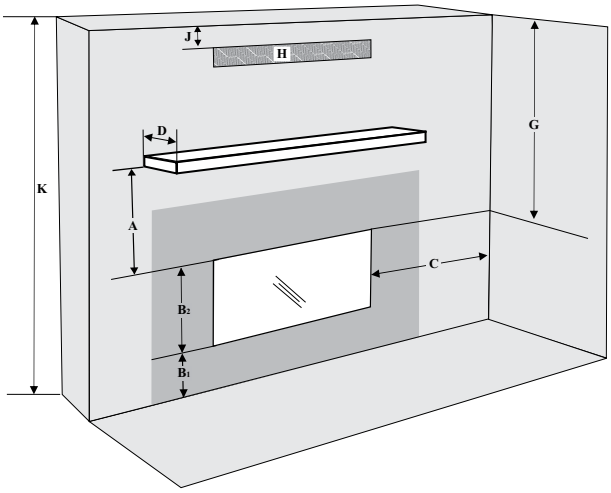
Clearance: single sided	Dimension	Measured From:
A: Mantel Height (min.)	**	Top of Fireplace Opening
B1:From Floor	min. 0"	Bottom of Fireplace Opening
B2: Opening Height	15-1/16" (383mm)	Bottom/Top of Fireplace Opening
C: Sidewall (on one side)	8" (203mm)	Side of Fireplace Opening
D: Mantel Depth (max.)	**	
E: Alcove Width	88" (2135mm)	Sidewall to Sidewall (Minimum)
F: Alcove Depth	36" (914mm)	Front to Unit (Maximum)
G: Ceiling (in front of fireplace)	61-3/4" (1568mm)	Top of Fireplace Opening
H: Convection Air Outlet	*288 square inches	
J: Convection Air Outlet Opening Offset	*0-2" (0-51mm)	Max. offset from top of chase enclosure
K: Chase Enclosure (Min.)	87" (2210mm)	From base of unit/floor
L: Clearance to sprinkler head (Min.)	36" (914mm)	Perpendicular from chase grill
Hearth	0"	No hearth required
** See mantel clearances chart in this manual.		

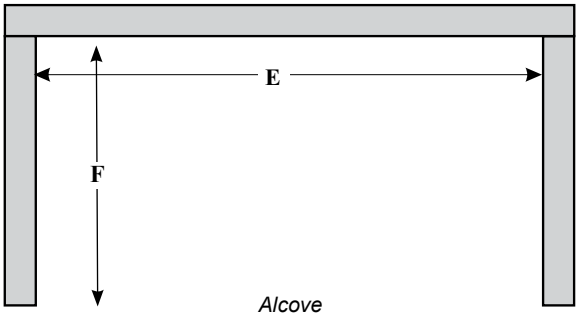
Flue Clearances to Combustibles	
Horizontal - Top	3"
Horizontal - Side	2"
Horizontal - Bottom	2"
Vertical	2"
Passing through wall/ floor/ceiling - when firestop is used.	1-1/2"
Note: This appliance uses 4" x 6-5/8" venting	



Side view

**A minimum of 288 square inches of open area, not lower than 0-2" from top of enclosure, required for all installations*





Alcove

Heat Wave

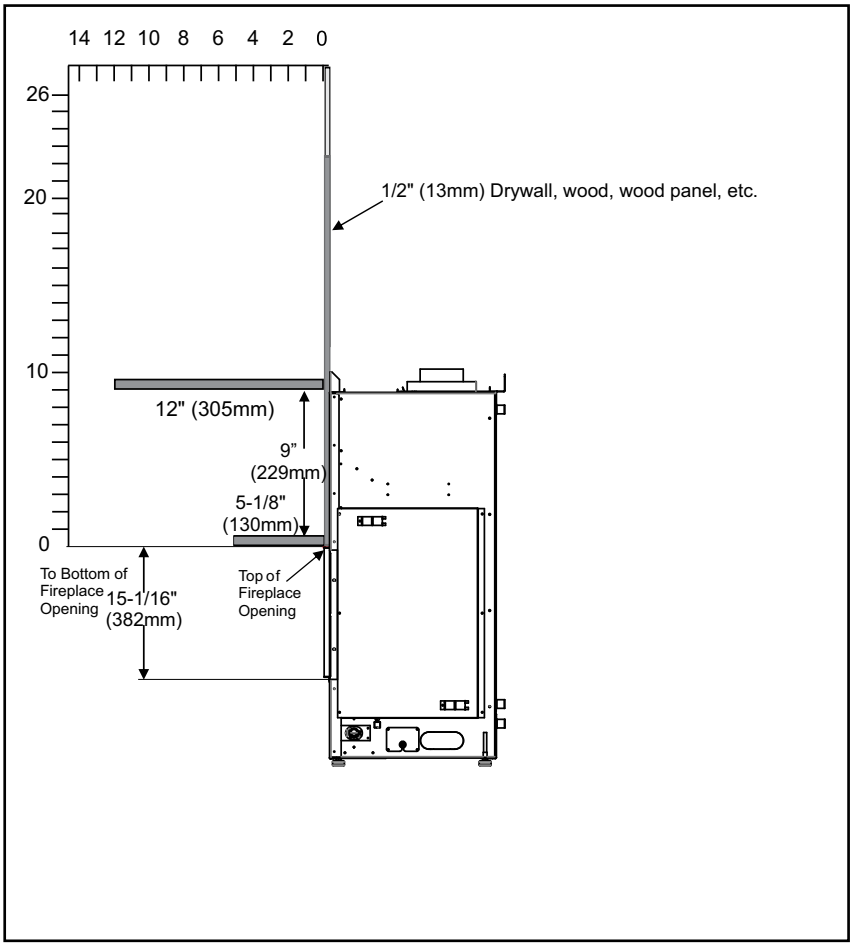
The HeatWave Duct Kit has different clearance and framing requirements, check the HeatWave manual for details.

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.

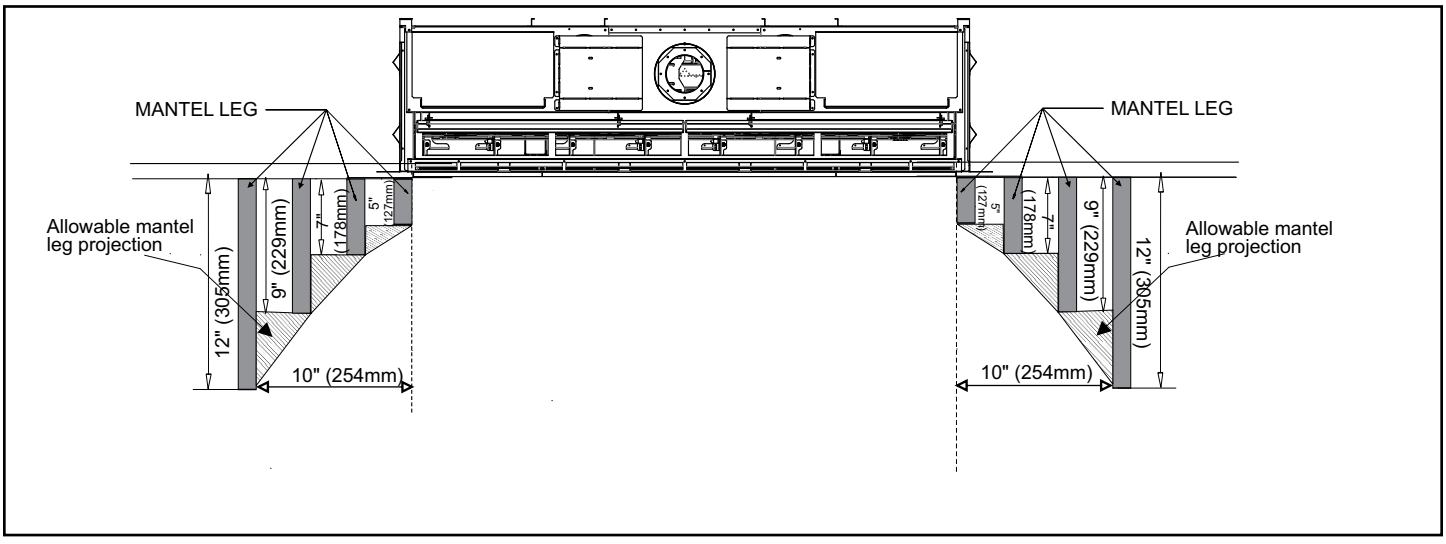
MANTEL CLEARANCES

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

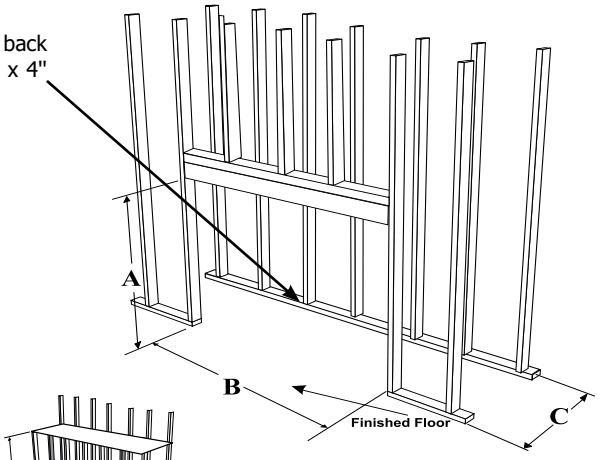
NOTE: Framing may be constructed of combustible material (ie. 2 x 4)and does not require steel studs.

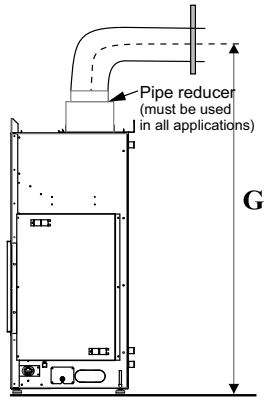
Framing Dimensions	Description	CV72EPV
A	Framing Height	51" (1295 mm)
B	Framing Width	78" (1981 mm)
C	Framing Depth	20-5/8" (524 mm)
D	Minimum Height to Combustibles	87"(2210 mm)
E	Corner Wall Depth	82-1/8" (2086 mm)
F	Corner Facing Wall Width	116-3/16" (2951 mm)
G*	Vent Centerline Height (Flex Vent)	55-1/4" (1403 mm)
G*	Vent Centerline Hieght (Rigid Vent)	59-1/4" (1505 mm)
I	Gas Connection Opening Height	2" (51 mm)
J	Gas Connection Height (Flex Vent)	3-7/8" (98 mm)
K**	Gas Connection Inset-Centre Opening	36-1/4" (921 mm)
L	Gas Connection Opening Width	5" (127 mm)

* 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.
** See next page for alternate Gas/ Electrical connection options.

With the lift handles adding approximately 4 inches to the overall width of the appliance. In cases where the appliance would need to be raised off the ground in order to slide it into the framed opening, it is suggested that either the framing width change from 78" to 82" so that the appliance could be easily slid into position with the handles remaining on the appliance, or alternatively create a platform in front of the framed opening where the lift handles could be removed prior to sliding the appliance into its final position. Alternatively, if raised off the ground, the framing could be installed afterwards once appliance has been put into place and lift handles removed in order to keep the framing width at 78". 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 529 pounds (shipping weight).

Note: Wood studs in back can be either wood 2" x 4" or 2" x 6".

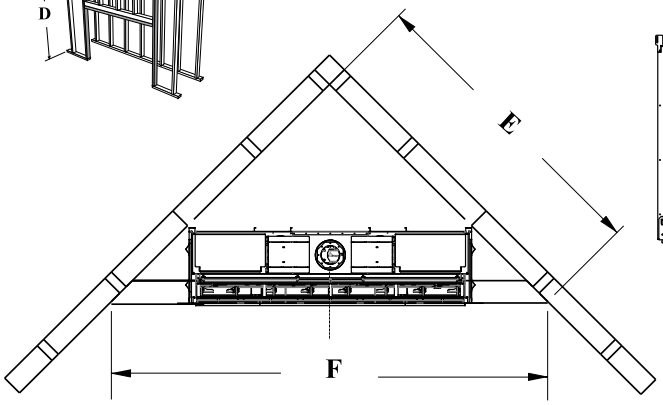


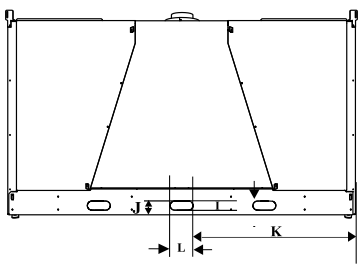


Note: A combined minimum of 288 square inches of open area is required for the convection air outlet to cool the enclosure. Ensure clearances for Convection Air Outlets are met.

See clearances CV72EPV in this manual as there are different methods as to how this can be achieved.

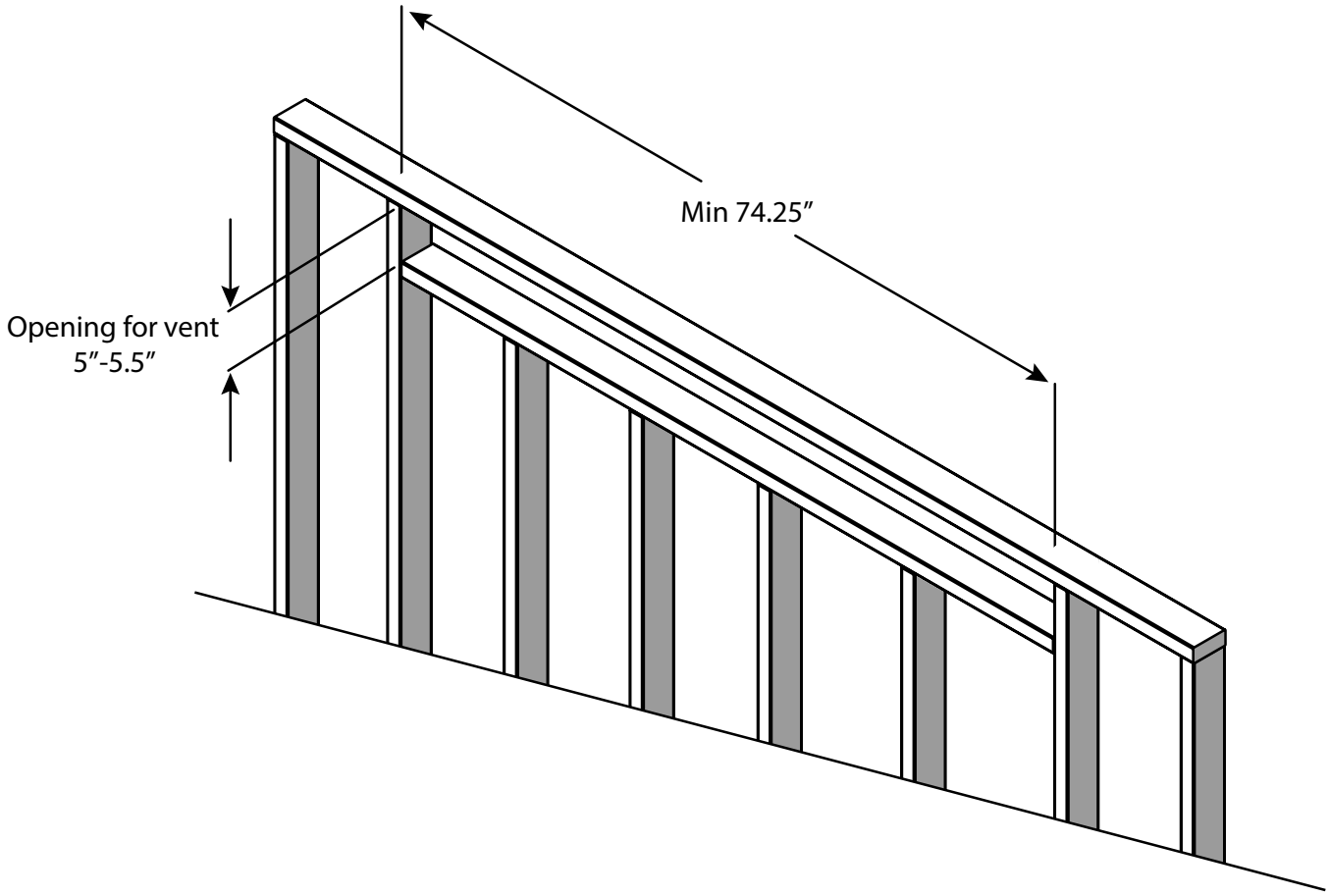
Note: This appliance must be installed on a solid surface such as a plywood floor which must be the full width and depth of the appliance.

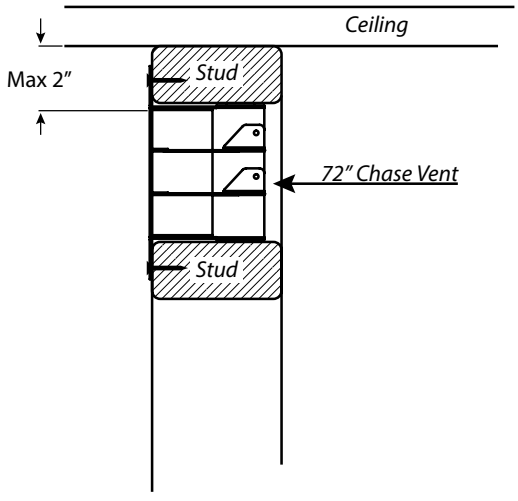


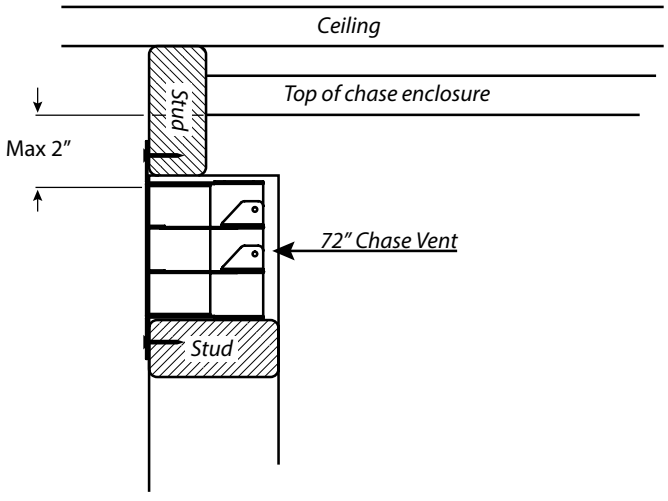


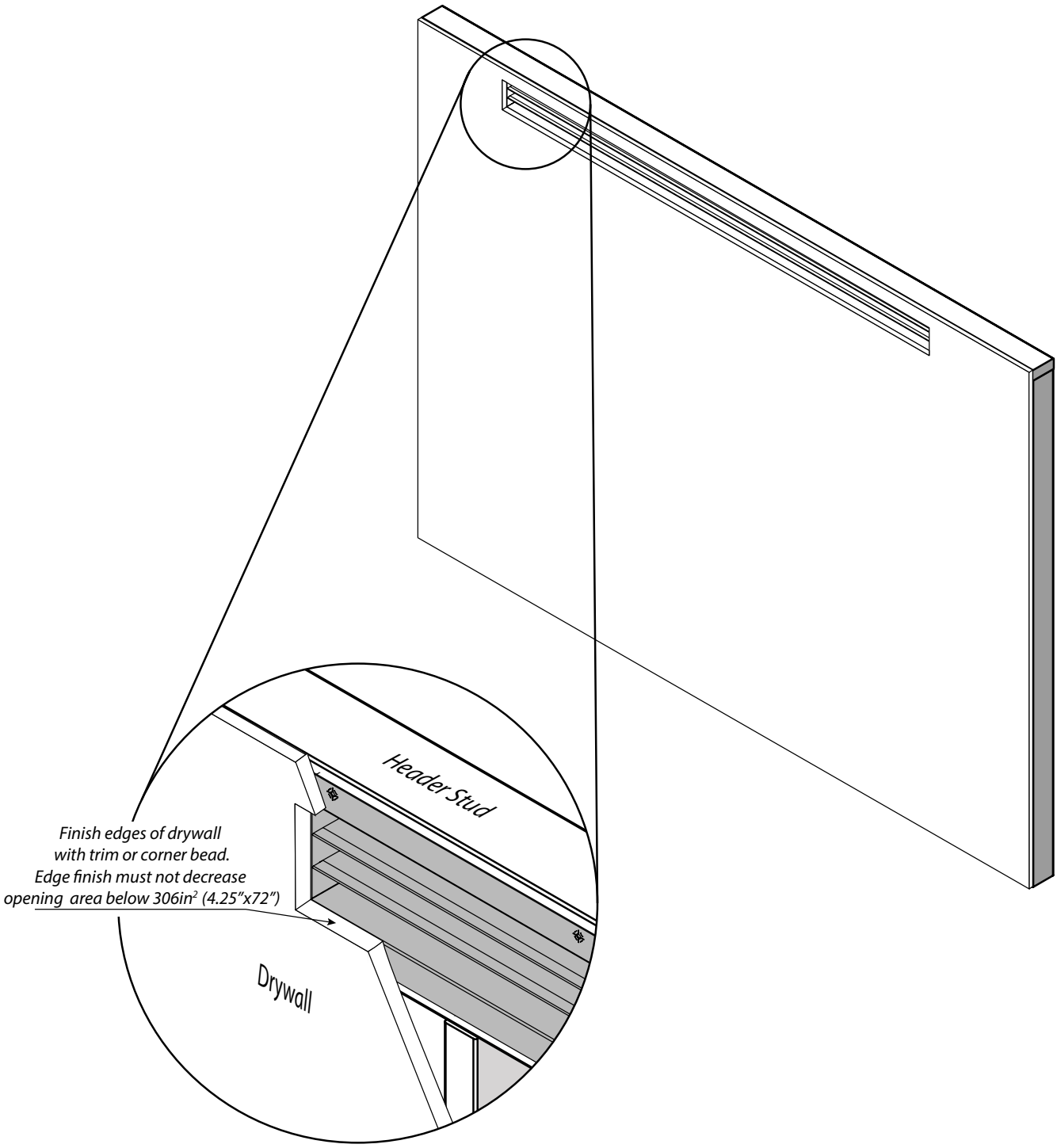
CHASE VENTING

Framed Opening must be between 5″ and 5.5″ tall, and at least 74.25″ wide to accomodate the Chase vent.
The top of the chase vent opening must be 2″ or less from the top of the chase enclosure.

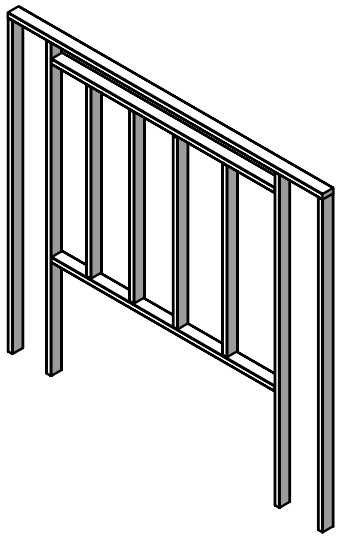






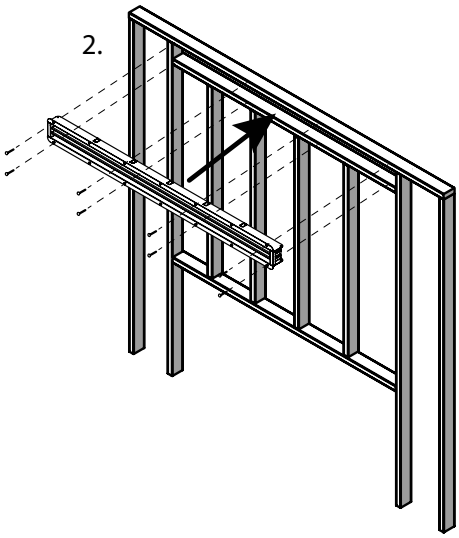

Header Stud
Finish edges of drywall
with trim or corner bead.
Edge finish must not decrease
opening area below 306in² (4.25"x72")
Drywall

1.



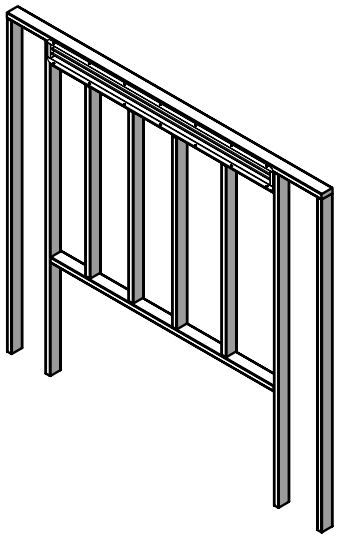
Frame opening for vent
(See Vent Framing Clearances Page)

2.



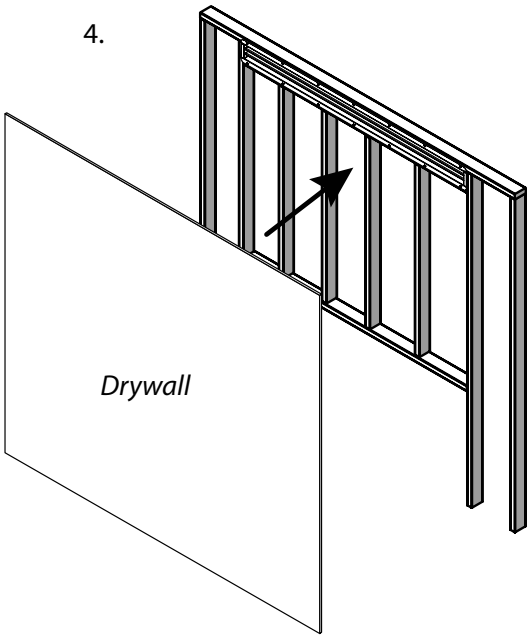
Screw Chase vent to Framing

3.



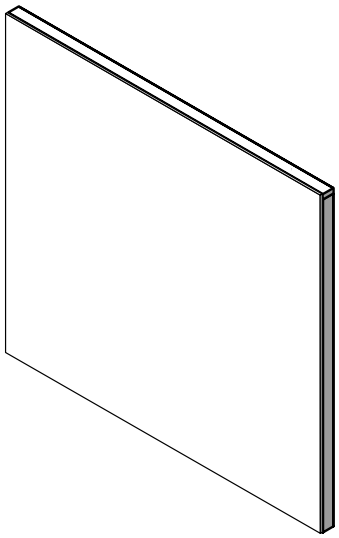
Use at least 4 sets of screws
to keep the vent flat against frami

4.



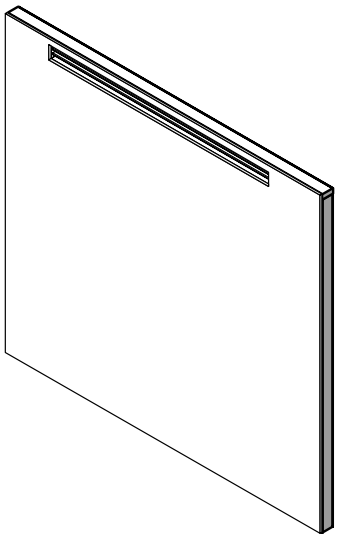
Frame wall with finishing material

5.



If necessary, mark where the
chase vent is located before
fixing drwall in place

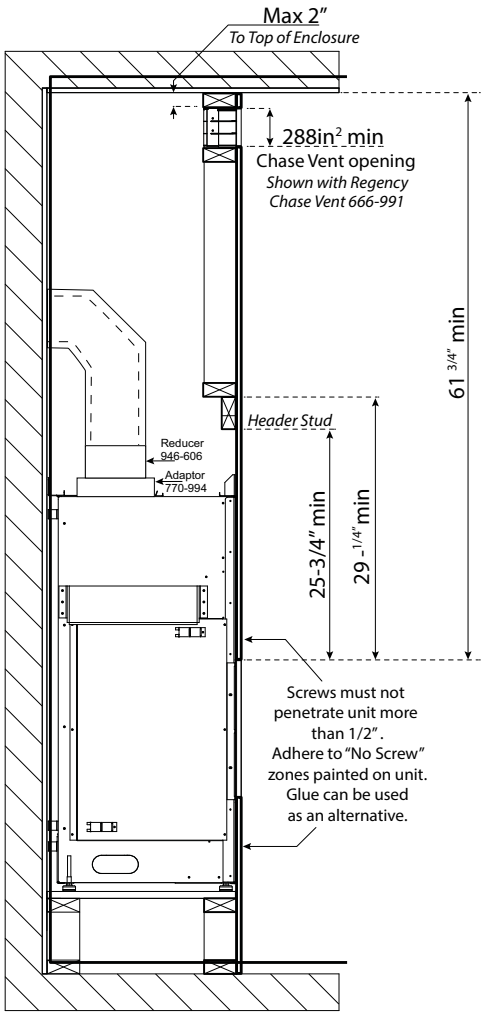
6.



Cut hole in finishing material
around inside of chase vent.
Finish edges around opening

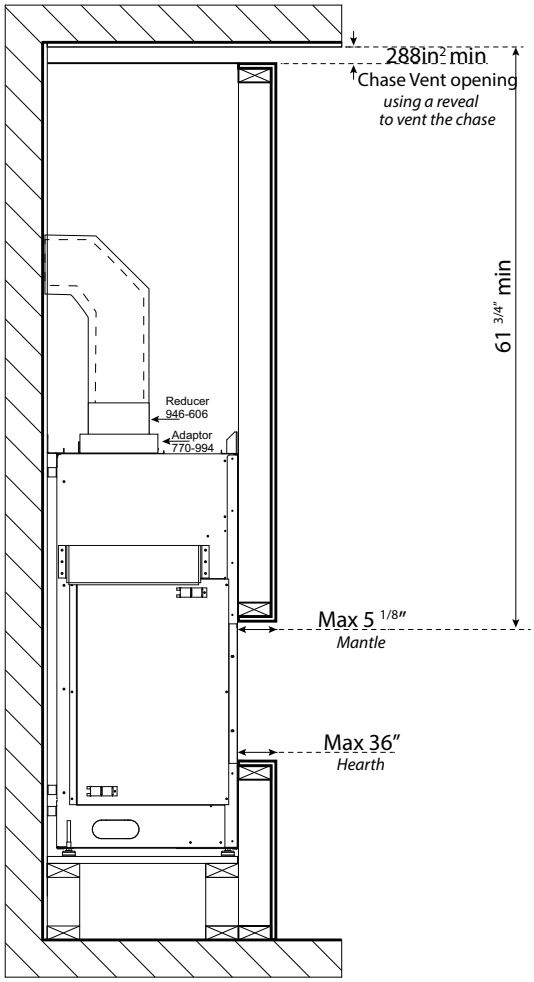
TYPICAL INSTALLATIONS

Flush Install



1/2" drywall directly onto unit

Recessed Install

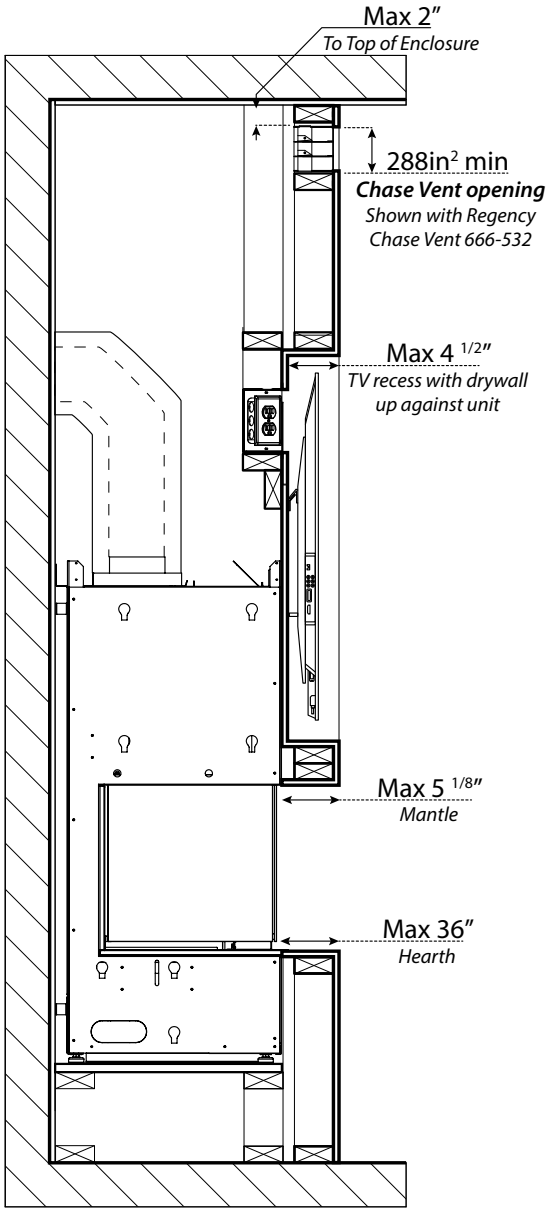


3 -1/2" framing in front of unit plus finishing material

Note: The TV mounting bracket can not be secured directly to the appliance. It must be secured to framing. The TV depicted in the picture may need to be higher depending on the style of TV mounting bracket used. The mounting bracket shown is a simple single strip TV secured to framing.

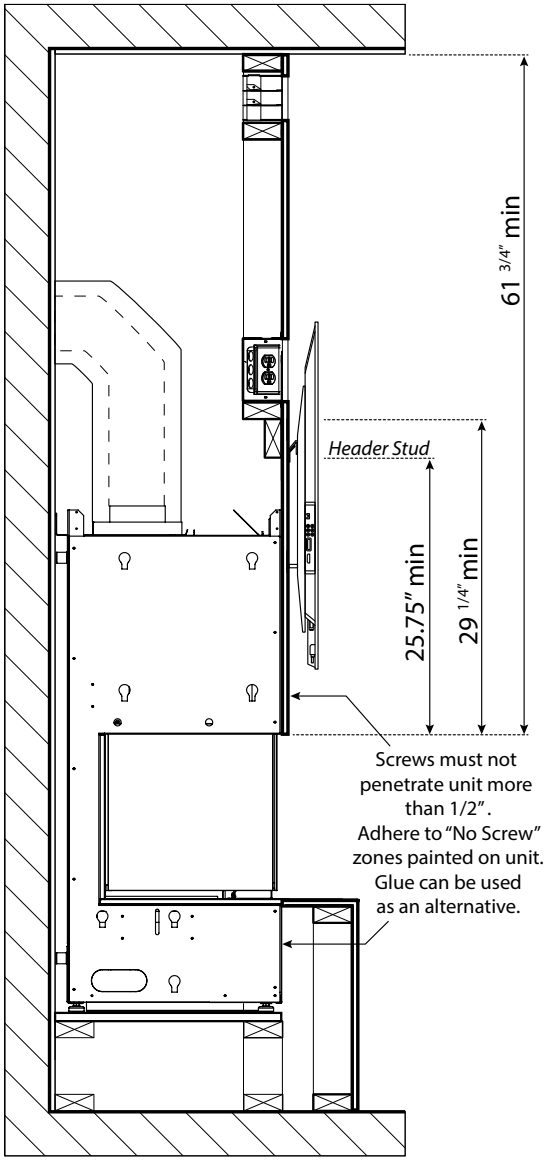
TYPICAL INSTALLATIONS

Maximum TV Recess



4 5/8″ maximum TV recess using 1/2″ drywall

Flush TV with Hearth



Flush wall TV install using 1/2" (13 mm) drywall.

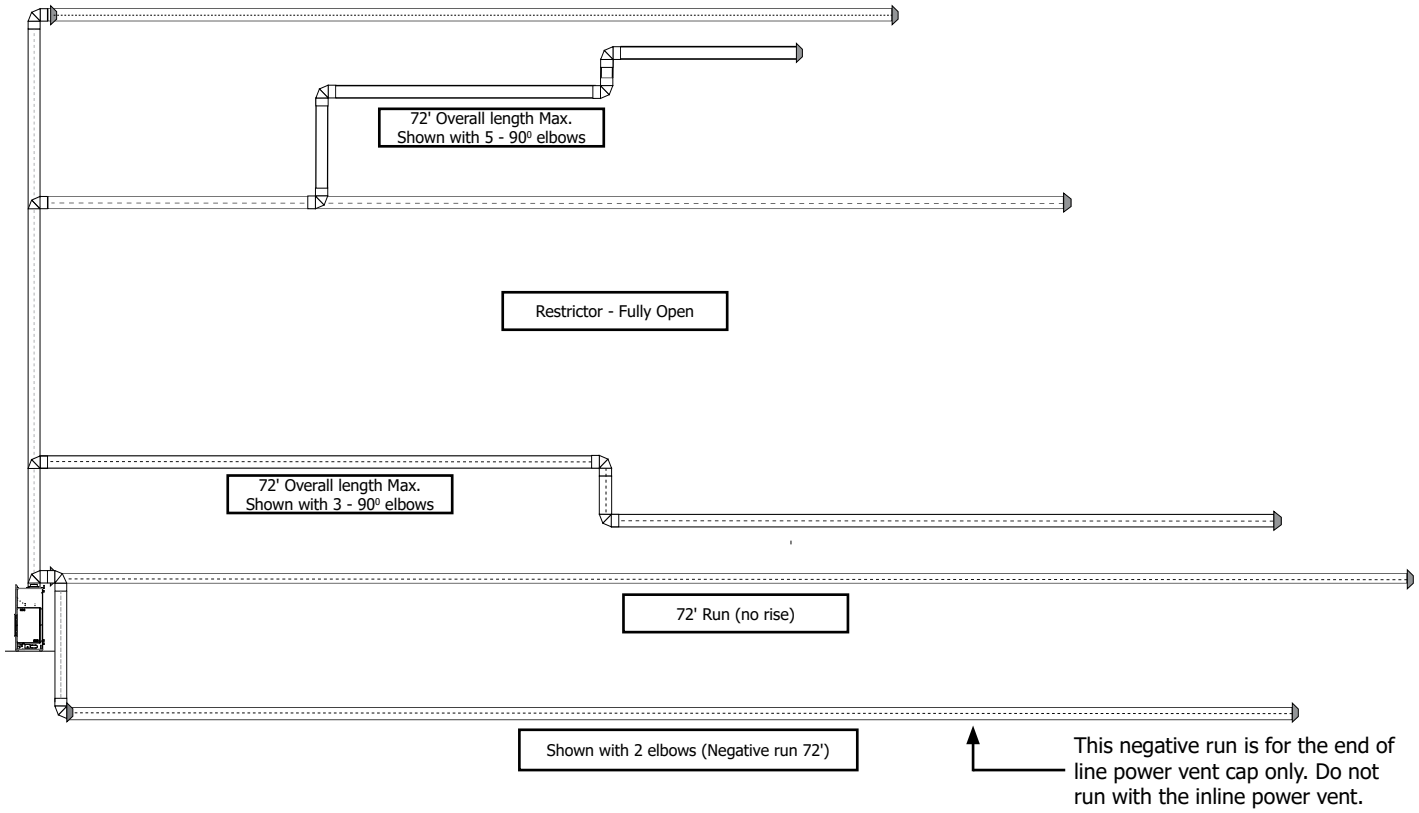
Note: The TV mounting bracket can not be secured directly to the appliance. It must be secured to framing. The TV depicted in the picture may need to be higher depending on the style of TV mounting bracket used. The mounting bracket shown is a simple single strip TV secured to framing.

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"
Note: Rigid pipe is approved for up to 72 feet.
FLEX VENT: MUST USE REDUCER 946-758 TO 4" X 6 5/8"
Note: Flex pipe is approved for up to 40 feet using 2 X 946-756-- 20 foot 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 CV72EPV comes with a 5"inner and 8"outer collar which must be reduced to 4" x 6 5/8" in all applications. Must be terminated horizontally. Vertical terminations are not permitted.



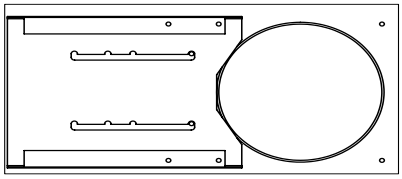
Important:
Maximum total vent length = 72' maximum of six - 90° elbows permitted.
One 90° elbow = two 45° elbows.
Maximum total negative vent length = 7'.
Minimum 4 ft. (1.22 m) from the unit prior to termination.

Note: Maximum length of 72 feet 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

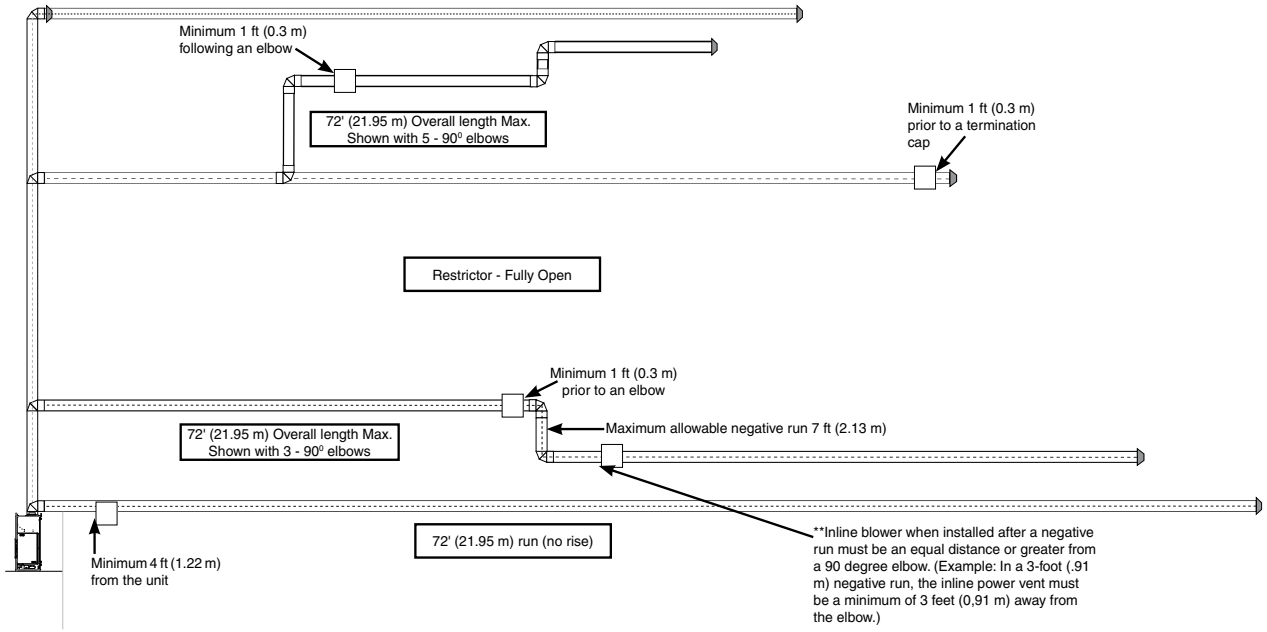
HORIZONTAL TERMINATIONS

Venting Arrangements - 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) .

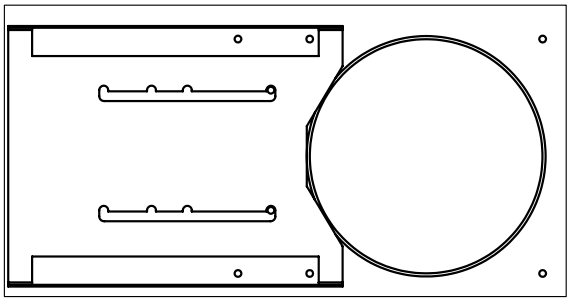
Note: Maximum length of 72 (21.95 m) feet is based on overall length of combined chimney components.

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

No vent restrictor required.



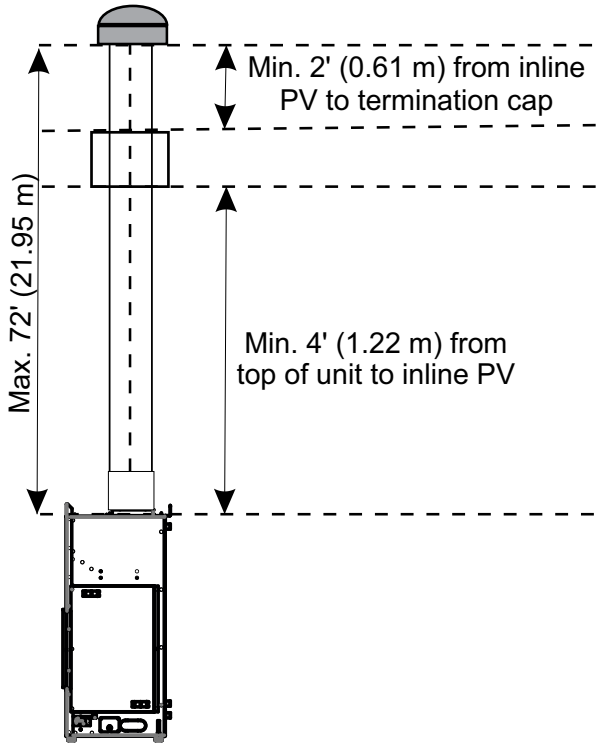
Set 0
Fully open
Factory Set

VENTING ARRANGEMENT FOR 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.

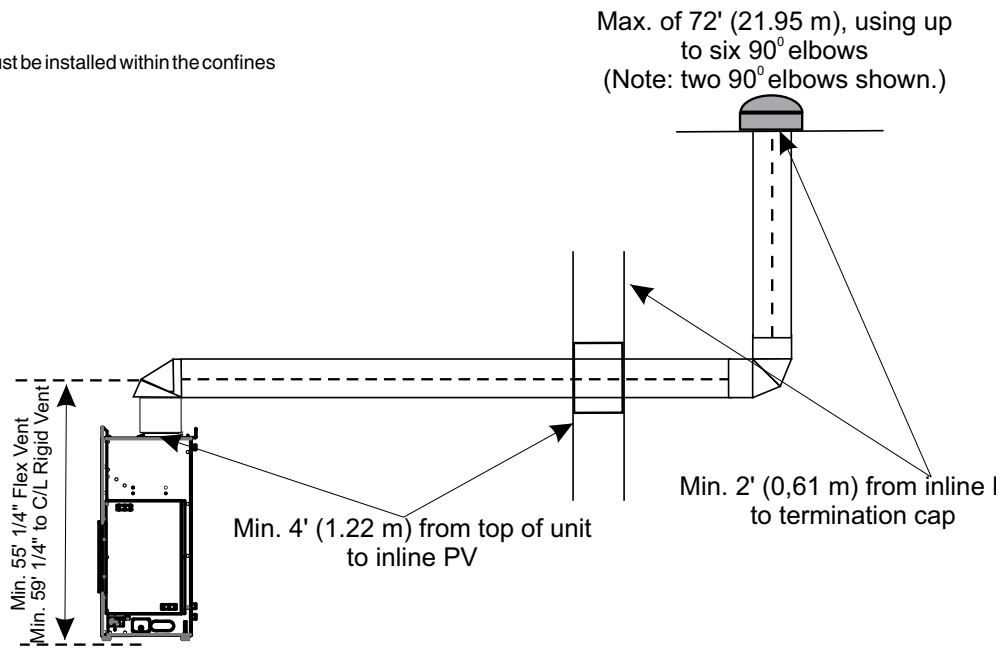
- Two 45° elbows equal to one 90° elbow.
- Vent must be supported at offsets.
- Minimum distance between elbows is 1 ft. (0.3 m).
- Maintain clearances to combustibles as listed in the "Clearances" section.
- Horizontal vent must be supported every 3 feet (0.91 m).
- Firestops are required at each floor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



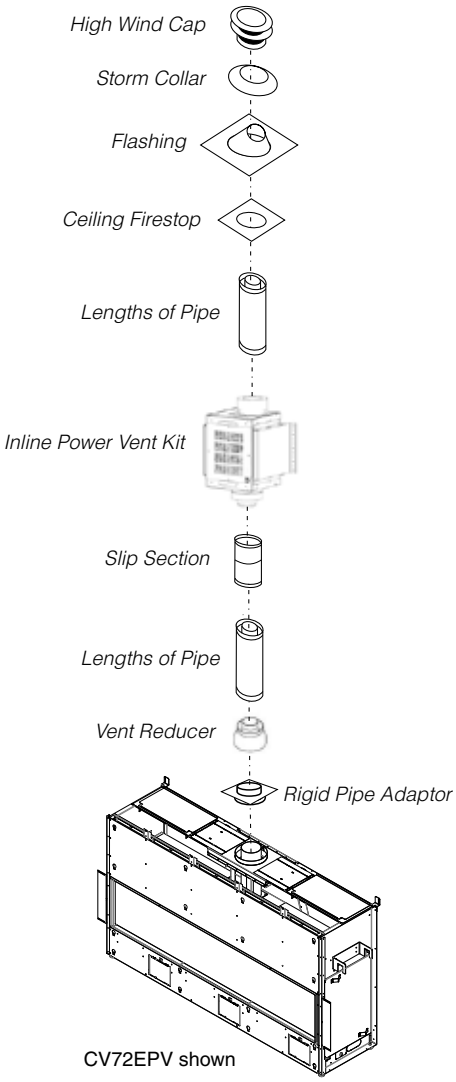
VERTICAL TERMINATIONS

Rigid Pipe

The minimum components required when using inline power vent are:

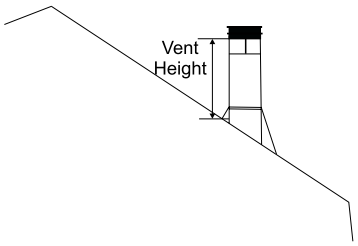
1 High Wind Cap
1 Rigid Pipe Adaptor (770-994)
1 Ceiling Firestop
1 Flashing
1 Storm Collar
1 Lengths of pipe to suit wall thickness & vent run (see chart)
1 Vent Reducer
1 Inline Power Vent Kit

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.



CV72EPV shown

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



WARNING:

Do not combine venting components from different venting systems.

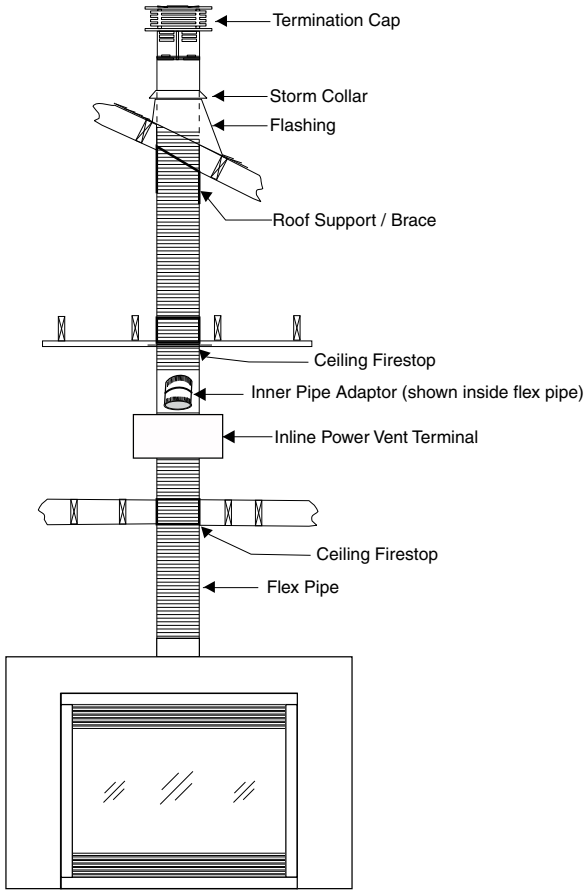
This product has been evaluated by Intertek for using a Rigid Pipe Adaptor in conjunction with Duravent Direct-Vent, Selkirk Direct-Temp, Ameri Vent Direct Venting, ICC Excel Direct, Olympia Ventis DV, and Security Secure Vent systems. Use of these systems with the Rigid Pipe adaptor is deemed acceptable 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 90^0 elbows
- (Note: example shows two 90^0 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

HORIZONTAL TERMINATIONS

Inline Power Vent - 4" x 6-5/8" Flex Vent

These venting systems, in combination with the CV72EPV 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.

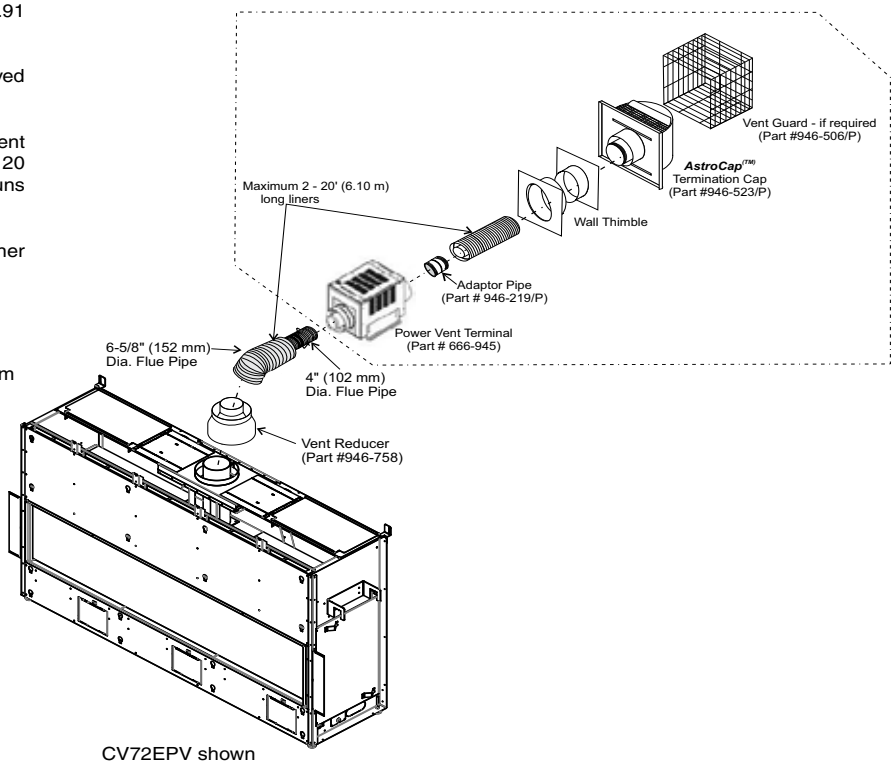
Regency® Direct Vent (Flex) System Termination Kits include all the parts needed to install the CV72EPV using a flexible vent.

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.



CV72EPV shown

Maximum total vent length = 72' (21.95 m) maximum of six-90^0 elbows permitted.
One 90^0 elbow = two 45^0 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

HORIZONTAL TERMINATIONS

Inline Power Vent - Rigid Pipe 4" x 6-5/8"

The minimum components required for a basic horizontal termination are:

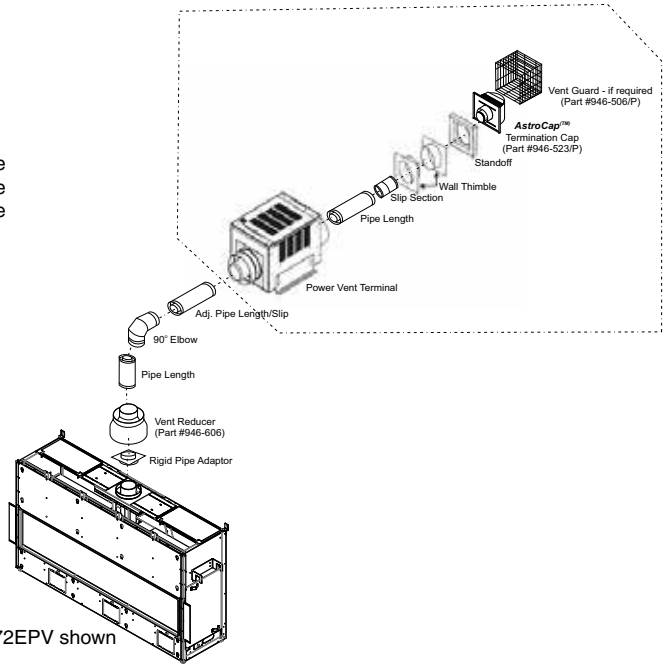
1 Horizontal Termination Cap
1 Power Vent Kit
1 Rigid Pipe Adaptor
1 Vent Reducer
1 Length of pipe to suit wall thickness and total vent run (see Table 1)
Adjustable pipe lengths/slips

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 m)
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 90^0 elbows.
One 90^0 elbow = two 45^0 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.			

HORIZONTAL TERMINATIONS

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

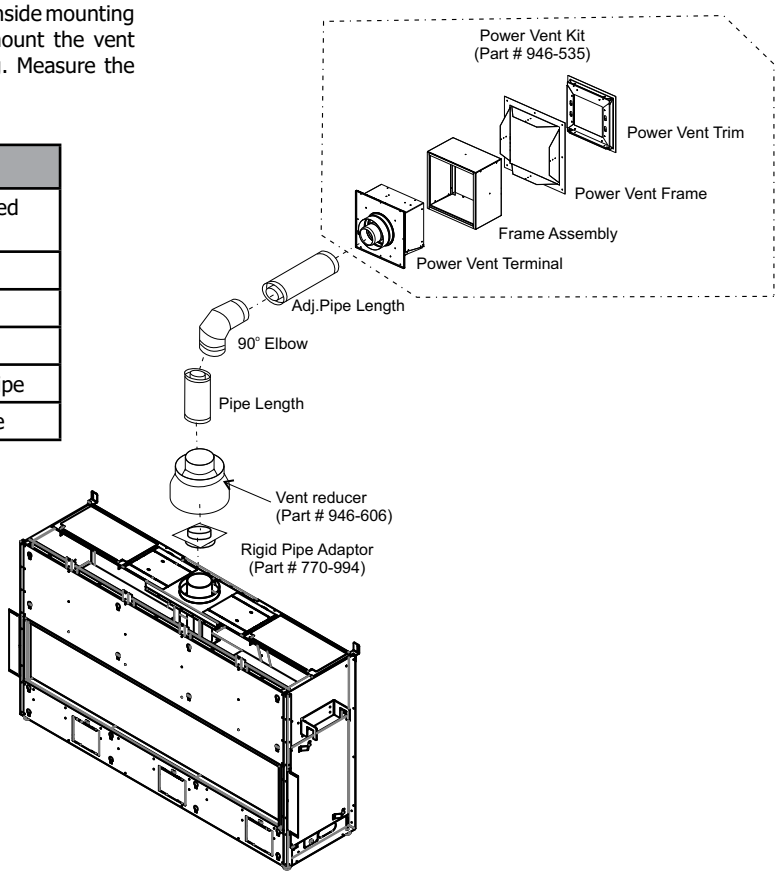
The minimum components required for a basic horizontal termination are:

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)

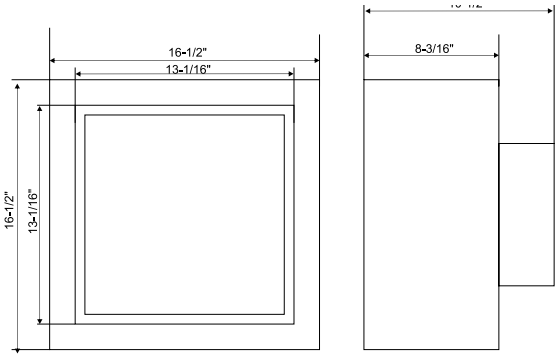
Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. Create a level surface to mount the vent terminal. The Terminal must not be recessed into siding. Measure the wall thickness.

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
NOTE: *Slip section is mandatory.			



INLINE POWER VENT DIMENSIONS