

PelletVent Pro[®]

Biofuel Venting System UL 641, ULC S609, and ULC/ORD C441



Specifications

Applications

PelletVent Pro is a venting system designed for stoves and inserts that use wood pellets and oil fuel. It is also built to vent biofuel products such as corn, switch grass, cherry pits, soybeans, coffee husks, sunflower hulls, walnut shells and wheat, to name a few. (Rated for continuous use flue temperatures up to 570° F.)

Materials and Construction

Laser-welded, double-wall pipe with a .012" inner wall of corrosion resistant stainless steel and a .018" laser-welded galvalume outer wall. Painted black exterior available. Primary metal-to-metal connection seals joint. Encapsulated o-ring provides a secondary seal.

Clearances

1" clearance to combustibles in the USA and Canada for appliances using corn and other biofuels, wood pellets or oil.

Diameters

3″ & 4″

Listings

c-UL-us Listed to UL 641, ULC S609, and ULC/ORD C441 (MH8381 and MH14420).

US

UL 641, ULC S609, and ULC/ORD C441 System

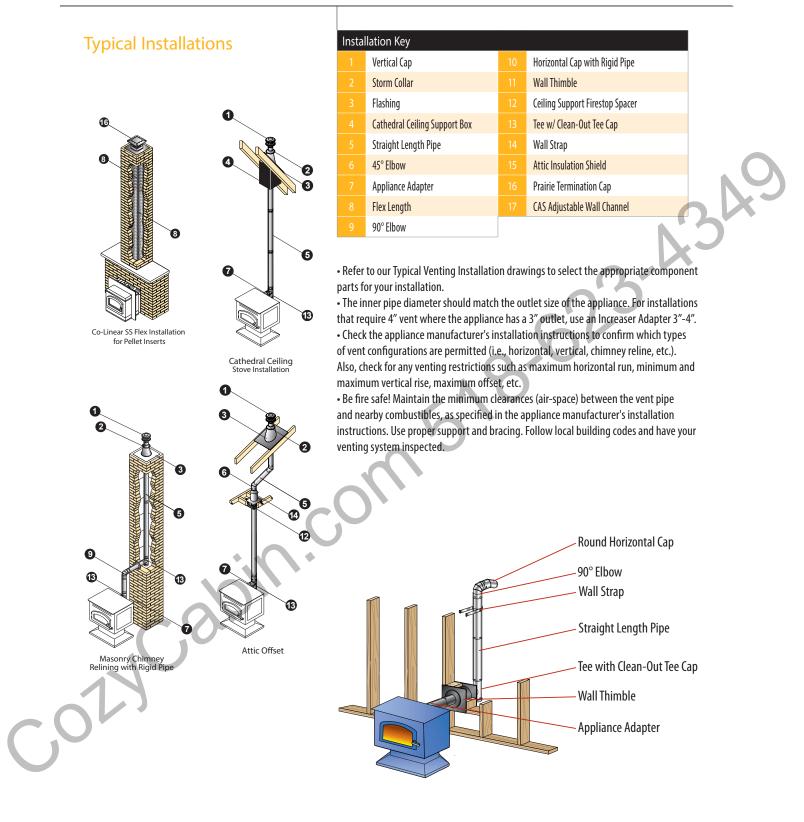
PelletVent Pro for biofuels

All PelletVent Pro[®] components that come into contact with flue gases are built with an inner wall of corrosion resistant metal. PelletVent Pro is engineered with features for a durable, safe and aesthetically pleasing venting system. PelletVent Pro is a venting system for stoves and inserts that use wood pellets, corn and other biofuels, or oil, as fuel. As a result of Duravent's cutting-edge manufacturing process and commitment to innovation, PelletVent Pro is uncompromised in attention to detail and performance. This perfect fit and finish is made possible with a laser-welded inner and outer wall. Select components are available in black.

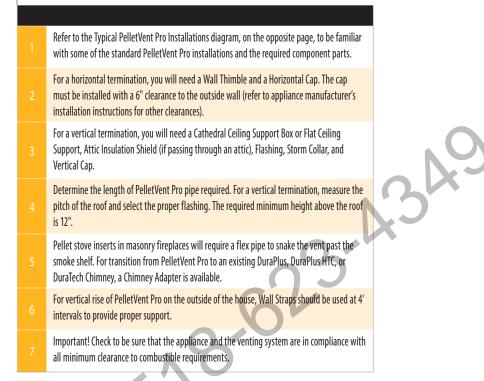
PelletVent Pro is UL listed for 1" clearance to combustibles in the USA and in Canada. It's double-wall, air-insulated design offers superior performance. Seams are factory-sealed on all elbows, tees, and fittings.

Since the introduction of pellet stoves in the 1980's, Duravent is recognized as the industry leader in venting systems for pellet stoves. For over 20 years, Duravent's PelletVent has been the number 1 choice for installers. The reasons are clear—it works, it looks great, and it lasts!

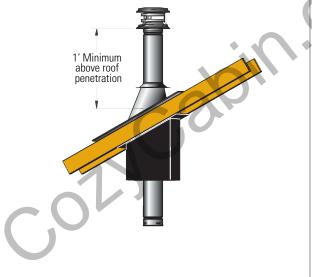




Planning Your Installation



Design Recommendations



The following design recommendations are a general guideline to assist in the design and selection of venting components for your installation. Always follow Duravent Installation instructions before installing your chimney system (found with the cap or support box). Installation instructions can be viewed online at www.duravent.com, under Catalogs and Instructions.

• Size the vent to meet the appliance manufacturer's specifications.

• Avoid long runs and excessive use of elbows. Refer to the appliance manufacturer for minimum rise and maximum run configurations for the venting system.

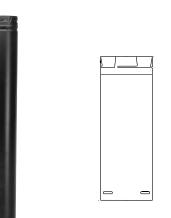
• Use an Appliance Adapter to ensure a proper connection to appliance. Seal adapter to appliance with high temperature sealant.

• Use a Single Tee with Clean-Out Tee Cap to facilitate easy cleaning. It is recommended to use a tee off the back of an appliance.

• In the United States and Canada, maintain the minimum 1" clearance (air space) from vent pipe to combustibles. Use proper support and bracing. Follow local building codes and have your venting system inspected. Be fire safe!



Straight Length Pipe



Features fully unitized, twist-lock construction in 3" and 4" diameters. Listed at 1" clearance to combustibles in the USA and Canada. It can be used in both vertical and horizontal installations. Stainless steel welded seam inner wall, combined with a galvalume welded seam outer wall. Pipe OD is diameter plus %". Galvalume or painted black outer finish. 12" length available with stainless steel outer (SS). To calculate installed length, subtract 1 ½" from each length of pipe.

N3A

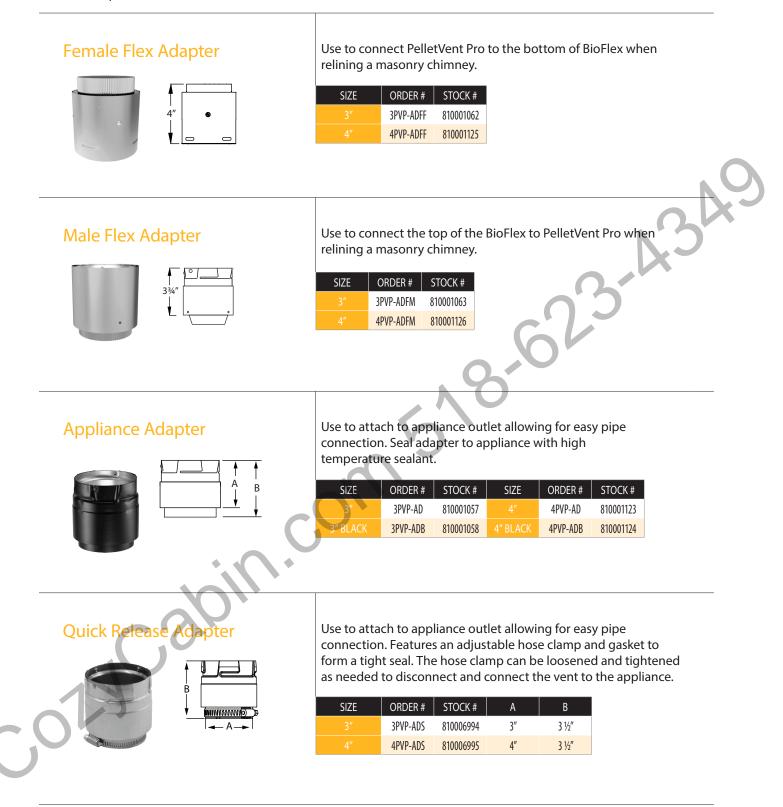
SIZE	3)")	" 4"	
SIZE	ORDER #	STOCK #	ORDER #	STOCK #
	3PVP-06	810001038	4PVP-06	810001104
6″ BLACK	3PVP-06B	810001039	4PVP-06B	810001105
	3PVP-12	810001040	4PVP-12	810001106
12" BLACK	3PVP-12B	810001041	4PVP-12B	810001107
12" STAINLESS STEEL	3PVP-12SS	810001042		<u> </u>
	3PVP-18	810013711	4PVP-18	810013712
	3PVP-24	810001043	4PVP-24	810001109
24" BLACK	3PVP-24B	810001044	4PVP-24B	810001110
	3PVP-36	810001046	4PVP-36	810001112
36″ BLACK	3PVP-36B	810001047	4PVP-36B	810001113
48″	3PVP-48	810013989	4PVP-48	810013990
48″ Black	3PVP-48B	810013991	4PVP-48B	810013992
60″	3PVP-60	810001048	4PVP-60	810001114
60" BLACK	3PVP-60B	810001049	4PVP-60B	810001115

Pipe Extension

Use to add length to PelletVent Pro pipe. 12" pipe adds 3"-10" of length, 18" pipe adds 3"-16" of length, when used with rigid sections of pipe. Galvalume or painted black outer finish.

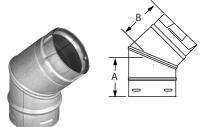
SIZE	ORDER #	STOCK #	A
3″	3PVP-12A	810001050	3″ - 10″
3" BLACK	3PVP-12AB	810001051	3″ - 10″
	3PVP-18A	810001052	3" - 16"
3″ BLACK	3PVP-18AB	810001053	3" - 16"
	3PVP-48A	810001054	4" - 46"
3″ BLACK	3PVP-48AB	810001055	4″ - 46″
	4PVP-12A	810001116	3″ - 10″
4" BLACK	4PVP-12AB	810001117	3″ - 10″
	4PVP-18A	810001118	3" - 16"
4" BLACK	4PVP-18AB	810001119	3″ - 16″
	4PVP-48A	810001120	4″ - 46″
4″ BLACK	4PVP-48AB	810001121	4" - 46"







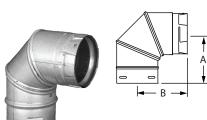
45° Elbow



Offsets obstructions as needed. Elbows swivel 360° at base. Angle is not adjustable.

SIZE	ORDER #	STOCK #	А	В
	3PVP-E45	810001064	3 1⁄8″	4″
3″ BLACK	3PVP-E45B	810001065	3 1/8″	4″
	4PVP-E45	810001127	3 1⁄8″	4″
4″ BLACK	4PVP-E45B	810001128	3 1/8″	4″

90° Elbow



7/

Offsets obstructions as needed.	Elbows swive	360° at base.
Angle is not adjustable.		

	SIZE	ORDER #	STOCK #	A	В
		3PVP-E90	810001066	5 1/2"	5 ½"
A L	3″ BLACK	3PVP-E90B	810001067	5 1/2"	5 ½"
→ ¹		4PVP-E90	810001129	5 1⁄2″	5 ½″
	4" BLACK	4PVP-E90B	810001130	5 ½″	5 ½″
<u>с</u>	on		~		

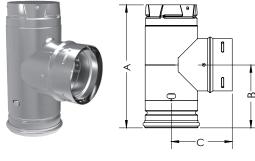
Solycak

PelletVent Pro® Tees

Duravent now offers a newly redesigned PelletVent Pro® Clean Out Tee. This new tee features a spring button design that enables an easier twist removal of the clean out cap and a new, lower profile that makes it easier to clean and maintain your pellet stove.



Single Tee w/ Clean-Out Tee Cap

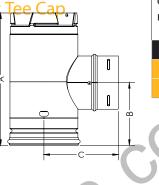


Use for a 90° offset. Branch swivels for alignment. One piece unit incorporates removable twist-lock Clean-Out Tee Cap.

SIZE	ORDER #	STOCK #	A	В	С
	3PVP-T1	810013513	8 1⁄2"	4 3⁄8"	4 ¼"
3″ BLACK	3PVP-TB1	810013810	8 1⁄2"	4 3⁄8"	4 ¼"
	4PVP-T1	810013820	9 5⁄8"	4 1⁄8"	4 ¾"
4" BLACK	4PVP-TB1	810013821	9 5⁄8"	4 1⁄8"	4 ¾"







Attaches 3" pipe to branch and 4" pipe to body. Use for a 90° offset. Branch swivels for alignment. One piece unit incorporates removable twist-lock Clean-Out Tee Cap.

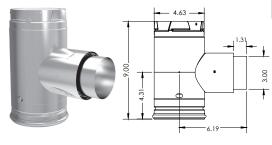
SIZE	ORDER #	STOCK #	A	В	C
	4PVP-T31	810013822	9"	4 ¼"	5 3⁄5"
4" BLACK	4PVP-T3B1	810013823	9"	4 ¼"	5 3/5"



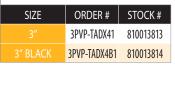
Use for a 90° offset. Attaches directly to appliance as an adapter. One piece unit incorporates removable twist-lock Clean-Out Tee Cap.

SIZE	ORDER #	STOCK #	А	В	С	D	E
	3PVP-TAD1	810013811	3″	3 5%"	8 1⁄2"	4 3⁄8"	5 ¾"
3" BLACK	3PVP-TADB1	810013812	3″	3 5%"	8 1⁄2"	4 3⁄8"	5 ¾"
	4PVP-TAD1	810013824	4″	4 5⁄8″	9 5%"	4 1⁄8"	6 3%"
4" BLACK	4PVP-TADB1	810013825	4″	4 5%"	9 5%"	4 %"	6 3⁄8"

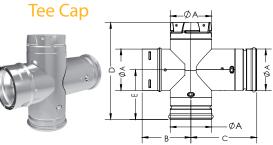
Increaser Adapter Tee w/ Clean-Out Tee Cap



Use for a 90° offset. Attaches directly to appliance as an adapter. Converts a 3" appliance to a 4" PelletVent Pro system. One piece unit incorporates removable twist-lock Clean-Out Tee Cap.



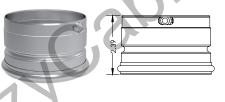
Double Tee w/ Clean-Out



Allows clean-out access for horizontal and vertical installations. Use for a 90° offset. Branch swivels for alignment. One piece unit incorporates removable twist-lock Clean-Out Tee Cap.

SIZE	ORDER #	STOCK #	A	В	С	D	Е
	3PVP-DBT1	810013815	3 5/8"	4 1⁄4"	5 ¾"	8 ½"	4 3⁄8"
3" BLACK	3PVP-DBTB1	810013816	3 5%"	4 1⁄4"	5 ¾"	8 ½"	4 3⁄8"
	4PVP-DBT1	810013826	4 5%"	5"	6 3/8"	9 5⁄8"	4 %"
4" BLACK	4PVP-DBTB1	810013827	4 5%"	5"	6 3/8"	9 5⁄8"	4 %"

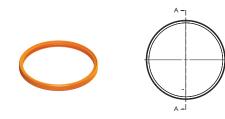
Clean-Out Tee Cap



Use as a replacement Clean-Out Tee Cap. The new PelletVent Pro Tee Cap is a tight fit by design. We recommend using rubber gloves or a strap wrench to easily remove.

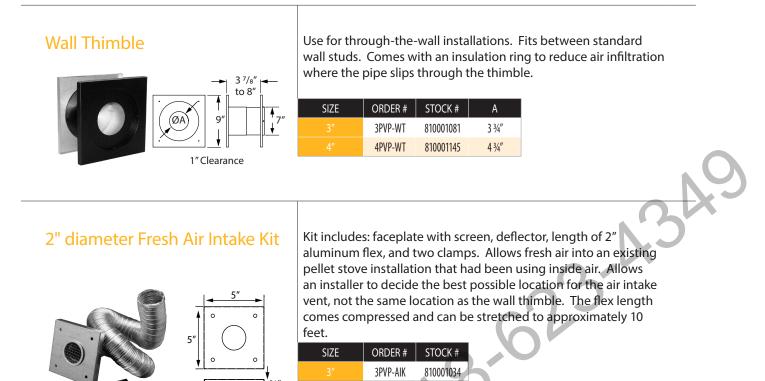
SIZE	ORDER #	STOCK #
3″	3PVP-CO1	810013817
3" BLACK	3PVP-COB1	810013818
4″	4PVP-CO1	810013828
4" BLACK	4PVP-COB1	810013829

Replacement Gaskets -



Use as a replacement gasket for PelletVent Pro Clean-out Tee Caps. Available in packs of 12 for 3" and 4" sizes.

SIZE	ORDER #	STOCK #
	3PVP-GA1	810014147
	4PVP-GA1	810014148



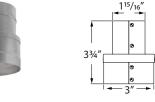
3" diameter Fresh Air Intake Kit



Kit includes: faceplate with screen, deflector, length of 3" aluminum flex, and two clamps. Allows fresh air into an existing pellet stove installation that had been using inside air. Allows an installer to decide the best possible location for the air intake vent, not the same location as the wall thimble. The flex length comes compressed and can be stretched to approximately 10 feet.

SIZE	ORDER #	STOCK #
	4PVP-AIK	810013123

Fresh Air Inlet Increaser

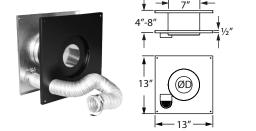


Use to increase an insert's 2" air inlet to connect to 3" aluminum flex.

SIZE	ORDER #	STOCK #
	3PVP-INC	810001103

Wall Thimble Air Intake Kit

Allows outside fresh air for combustion through the wall thimble without having to cut a second hole into the wall. Comes with an insulation ring to reduce air infiltration where the pipe slips through the thimble. The 2" diameter flex hose is 10' in length. Clamps included. Can be used in US and Canada. Patented.



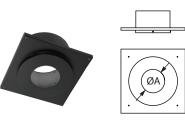
 SIZE
 FLEX Ø
 ORDER #
 STOCK #

 3"
 2"
 3PVP-WTI
 810001083

 4"
 2"
 4PVP-WTI
 810001147

 4"
 3"
 4PVP-WTI
 810001148

Ceiling Support Firestop Spacer



Required where vent passes through ceiling. Centers pipe to
provide proper 1" clearance. Support Clamp included.
Painted black.

SIZE	ORDER #	STOCK #	A			
	3PVP-FS	810001084	3 3⁄4″			
	4PVP-FS	810001149	4 3⁄4″			

Wall Strap

Use to support vent pipe or tee sections. Provides 1" clearance.

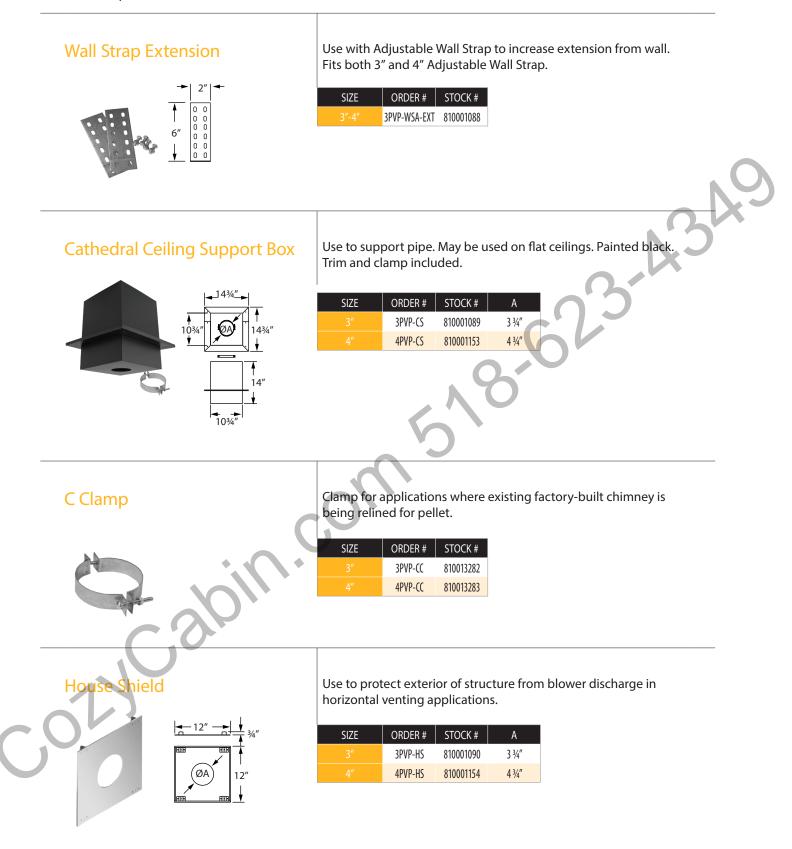
SIZE	ORDER #	STOCK #	A
	3PVP-WS	810001086	3 5⁄8″
	4PVP-WS	810001151	4 5⁄8″

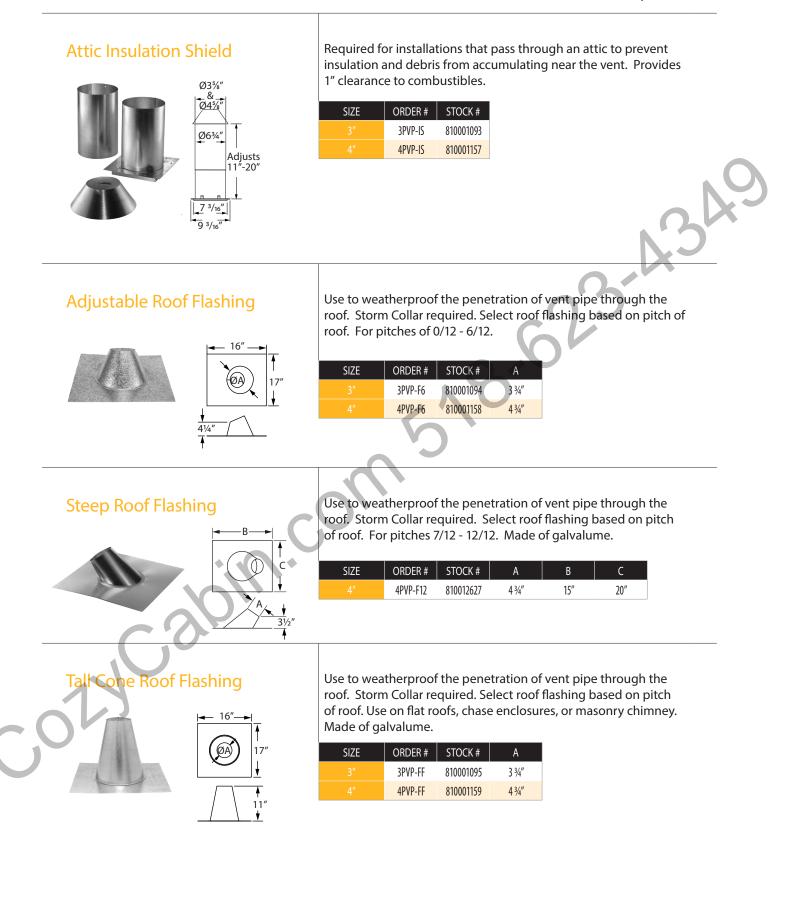
justable Wall Strap

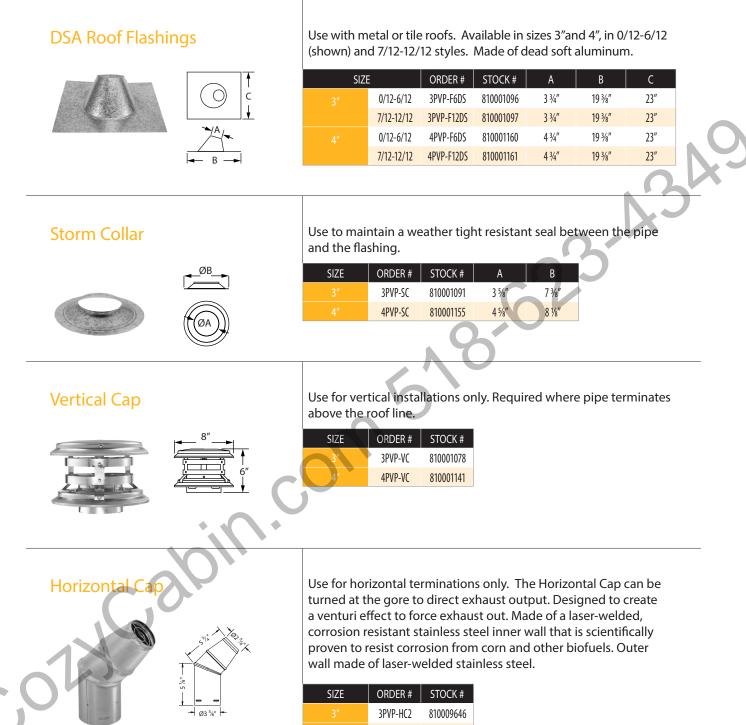
1" to 3"

Use to support vent pipe or tee sections. Adjusts to provide 1"- 3" clearance.

SIZE	ORDER #	STOCK #	A
	3PVP-WSA	810001087	3 5⁄8″
	4PVP-WSA	810001152	4 5⁄8″

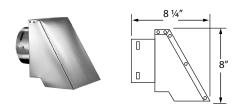






4" 4PVP-HC2 810009647

Square Horizontal Cap



Use for horizontal terminations only. Cap features swivel collar to adjust exhaust direction. Cap features an optional swivel base.

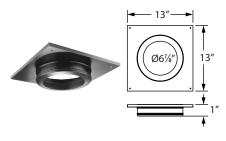


ORDER #

3PVP-WTC

SIZE

Ceiling Support/ Wall Thimble Cover

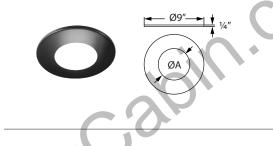


Decorative cover for ceiling support boxes and wall thimbles. Painted black. Use with reduction collar.

STOCK #

810001098

Reduction Collar



Reduces the center hole diameter in the Ceiling Support /Wall Thimble Cover to fit 3" or 4" pipe. Can be used as trim collar when penetrating a masonry chimney with PelletVent Pro. Painted black.

SIZE	ORDER #	STOCK #	А
	3PVP-RC	810001099	3 ¾″
	4PVP-RC	810001162	4 3⁄4″

Adapter nnev

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3½″		Í
•		

Use to transition between PelletVent Pro to existing chimney. Note: When connecting to DuraTech (DT) and DuraPlus (DP) chimney, also requires a DVL/DuraBlack Chimney Adapter.

SIZE	ORDER #	STOCK #
	3PVP-X6	810001101
	3PVP-X7	810008056
	3PVP-X8	810001102
	4PVP-X6	810001163
	4PVP-X7	810008057
	4PVP-X8	810001164

PelletVent Pro | Biofuel Chimney

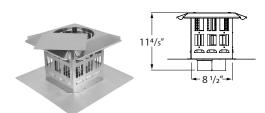
BioFlex Pipe



Use when relining masonry chimney for use with biofuel appliances. Made of corrosion resistant stainless steel. Must be used with PelletVent Pro Male and Female Flex Adapters. Rigid pipe must be used when terminating system.

SIZE	3″		4″		
	ORDER #	STOCK #	ORDER #	STOCK #	
15' FLEX	3PVP-15BF	810001165	4PVP-15BF	810001171	
20' FLEX	3PVP-20BF	810001166	4PVP-20BF	810001172	
25' FLEX	3PVP-25BF	810001167	4PVP-25BF	810001173	
30' FLEX	3PVP-30BF	810001168	4PVP-30BF	810001174	
35' FLEX	3PVP-35BF	810001169	4PVP-35BF	810001175	
100' FLEX	3PVP-100BF	810001170	4PVP-100BF	810001176	

Prairie Termination Cap



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Use when installing a pellet insert into a multi-fuel pellet stove. This termination cap supplies both fresh air and vents exhaust. Lid pivots open for cleaning with three Removable screws and one rivet. Flex sold separately.

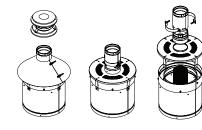
304SS and 316SS flex can be used when burning most fuels. If burning corn, corrosion resistant stainless steel bio-flex must be used as the exhaust vent. For fresh air, aluminum flex can be used. Stainless steel flex is not required for the fresh air supply unless specified by the appliance manufacturer.

SIZE	ORDER #	STOCK #	VENT EXHAUST	AIR INTAKE
3"	3PVP-VCT33	810006996	3″	3″
3″ BLACK	3PVP-VCTB33	810005890	3″	3″
4″	4PVP-VCT34	810006997	4″	3″
4″ BLACK	4PVP-VCTB34	810006998	4″	3″

Pellet Vent Factory-Built Reline Kit

Use to reline an existing factory-built chimney or B vent. Can be used for wood, pellet, and biofuel burning appliances.

CIZE	304 Len	gth	316 Length		
SIZE ORDER #		STOCK #	ORDER #	STOCK #	
3" Diameter 20' Length	3PVP304-20KFB	810009339	3PVP316-20KFB	810009340	
4" Diameter 35' Length	4PVP304-35KFB	810009341	4PVP316-35KFB	810009342	





Offset Chart	Elbow Angle	Chimney Length	Ø3″	Ø3″	Ø4″	Ø4″
Onset Chart	from Vertical	Between Elbows	Offset	Rise	Offset	Rise
	45°	0″	3 ¾″	10 1⁄4″	4 ¼″	12 ¼″
	45°	б″	7"	13 ½″	7 ½″	15 ½″
	45°	12"	11 ¼″	17 ¾"	11 ¾″	19 ¾″
	45°	24"	19 ¾″	26 ¼"	20 1⁄4″	28 ¼″
	45°	36″	28 ½"	34 ¾"	28 ¾"	36 ¾″
RISE	45°	24" + 24"	35 ½"	42″	36″	44″
	45°		45 ¼″	51 ¾″	45 ¾″	53 ¾″
	45°		52 ½"	59″	53″	61″
	90°		8 ¼″	9 ¾″	10″	11 ½″
OFFSET	90°		12 ¾″	9 ¾″	14 ½″	11 ½″
	90°		18 ¾″	9 ¾″	20 ½"	11 ½″
	90°		30 ¾″	9 ¾″	32 ½"	11 ½″
	90°		42 ¾″	9 ¾″	44 ½″	11 ½″
	90°		53 ¼″	9 ¾″	55″	11 ½″
	90°		66 ¾″	9 ¾″	68 ½″	11 ½″
	90°	36" + 36"	77 ¼″	9 ¾″	79″	11 ½″
OFFSET						

Notes:

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BUILD FOR THE FUTURE

Customer Service and Support:

Airmate (USA) Airmate (CAN)	
Ameriflow	800.252.8467
Amerivent (Retail) Amerivent (Hearth & Wholesale). Amerivent (Support)	800.423.4270
AMPCO (USA) AMPCO (CAN)	
Duravent	800.835.4429
Hart & Cooley Hart & Cooley (Support)	
Heatfab (USA) Heatfab (CAN)	
Lima	800.423.4270
Milcor	800.774.5240
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RPS	800.624.8642
Security Chimney (USA) Security Chimney (CAN)	
Selkirk (USA) Residential Selkirk (USA) Commercial Selkirk (USA) Support Selkirk (CAN)	800.848.2149 800.748.0392

Manufacturing & Distribution Centers:

Manufacturing Manufacturing Distribution

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MEXICO

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Manufacturing Manufacturing

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