

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 444 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 (MH8381 and MH14420).
ULC Listed to ULC S609, ULC/ORD C441 (CMH1439 and CMH1440).



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

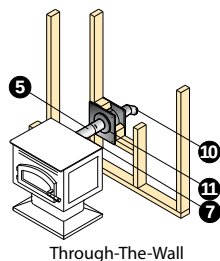
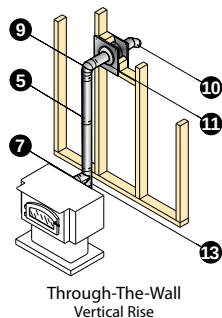
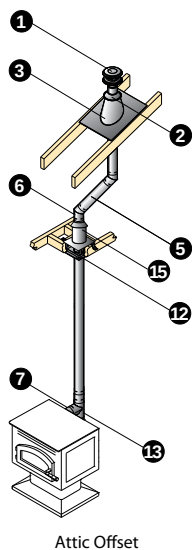
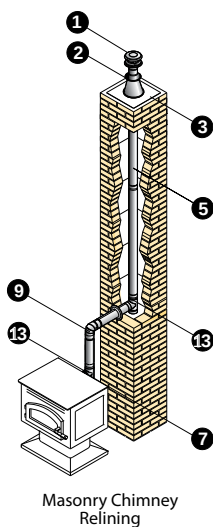
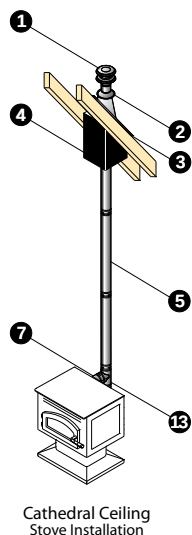
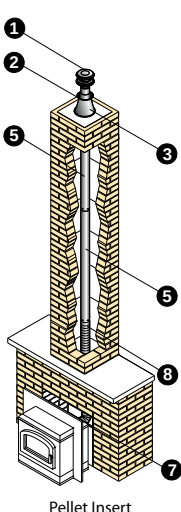
PelletVent Pro for biofuels

All PelletVent Pro® components that come into contact with flue gases are built with an inner wall of corrosion resistant super-ferritic metal. PelletVent Pro is engineered with features for a durable, safe and aesthetically pleasing venting system. PelletVent Pro is a **patent-pending** 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 now 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. Today, approximately 3 of every 4 pellet stoves in the US and Canada are vented with a DuraVent pellet system.



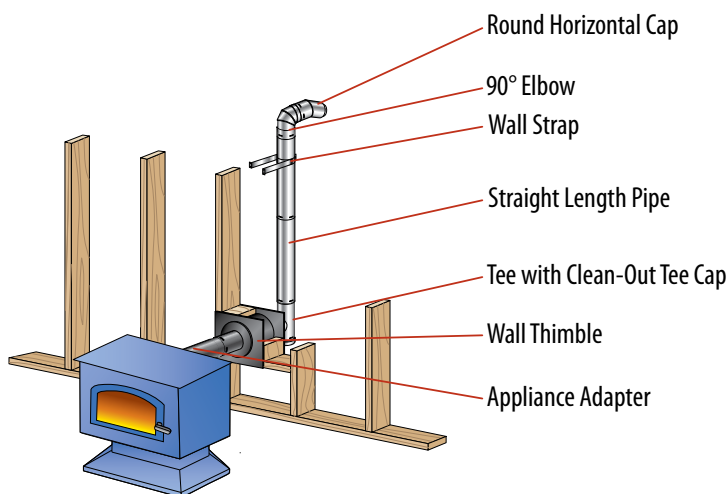
Typical Installations



Installation Key

1	Vertical Cap	9	90° Elbow
2	Storm Collar	10	Horizontal Cap
3	Flashing	11	Wall Thimble
4	Cathedral Ceiling Support Box	12	Ceiling Support Firestop Spacer
5	Straight Length Pipe	13	Tee w/Clean-Out Tee Cap
6	45° Elbow	14	Wall Strap
7	Appliance Adapter	15	Attic Insulation Shield
8	60" Flexible Length		

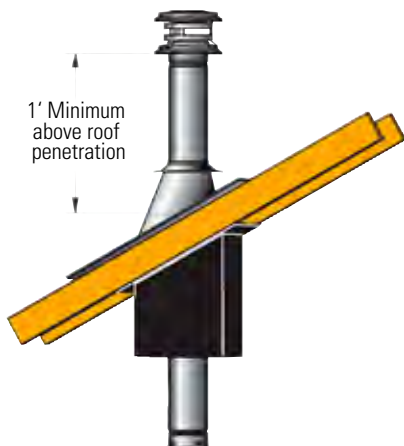
- Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.
- The inner pipe diameter should match the outlet size of the appliance. For installations that require 4" vent and the appliance has a 3" outlet, use an Increaser Adapter 3"-4".
- Check the appliance manufacturer's installation instructions to confirm which types of vent configurations are permitted (i.e. horizontal, vertical, chimney reline, etc.). Also, check for any venting restrictions such as maximum horizontal run, minimum and maximum vertical rise, maximum offset, etc.
- Be fire safe! Maintain the minimum clearances (air-space) between the vent pipe and nearby combustibles, as specified in the appliance manufacturer's installation instructions. Use proper support and bracing. Follow local building codes and have your venting system inspected.



Planning Your Installation

1	Refer to the Typical PelletVent Pro Installations diagram, on the opposite page, to be familiar with some of the standard PelletVent Pro installations and the required component parts.
2	For a horizontal termination, you will need a Wall Thimble and a Horizontal Cap. The cap must be installed with a 6" clearance to the outside wall (refer to appliance manufacturer's installation instructions for other clearances).
3	For a vertical termination, you will need a Cathedral Ceiling Support Box or Flat Ceiling Support, Attic Insulation Shield (if passing through an attic), Flashing, Storm Collar, and Vertical Cap.
4	Determine the length of PelletVent Pro pipe required. For a vertical termination, measure the pitch of the roof and select the proper flashing. The required minimum height above the roof is 12".
5	Pellet stove inserts in masonry fireplaces will require a flex pipe to snake the vent past the smoke shelf. For transition from PelletVent Pro to an existing DuraPlus, DuraPlus HTC, or DuraTech Chimney, a Chimney Adapter is available.
6	For vertical rise of PelletVent Pro on the outside of the house, Wall Straps should be used at 4' intervals to provide proper support.
7	Important! Check to be sure that the appliance and the venting system are in compliance with all minimum clearance to combustibles requirements.

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!

PelletVent Pro Horizontal Kit



Kit includes: Round Horizontal Cap, Wall Thimble, and Appliance Adapter. Pipe lengths not included. 4" Kit includes a 3"-4" Appliance Adapter/Increaser, painted black.

SIZE	STOCK #
3"	3PVP-KHA
4"	4PVP-KHA

PelletVent Pro Vertical Kit - Flat Ceiling



Kit includes: Vertical Cap, Storm Collar, Ceiling Support Firestop Spacer, Adjustable Flashing, and Appliance Adapter. Pipe lengths not included. 4" Kit includes a 3"-4" Appliance Adapter/Increaser, painted black. Support Clamp included.

SIZE	STOCK #
3"	3PVP-KVA
4"	4PVP-KVA

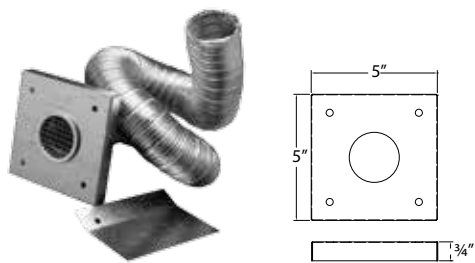
PelletVent Pro Vertical Kit - Cathedral



Kit includes: Vertical Cap, Storm Collar, Cathedral Ceiling Support Box with trim and clamp, Adjustable Flashing, and Appliance Adapter. Pipe lengths not included. 4" Kit includes a 3"-4" Appliance Adapter/Increaser, painted black.

SIZE	STOCK #
3"	3PVP-KVB
4"	4PVP-KVB

Fresh Air Intake Kit



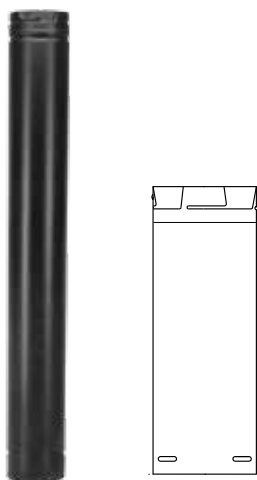
Kit includes: faceplate with screen, moisture barrier, aluminum flex, and two clamps.

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 2" diameter, 18" length flex hose expands to approximately 60".

STOCK #

3PVP-AIK

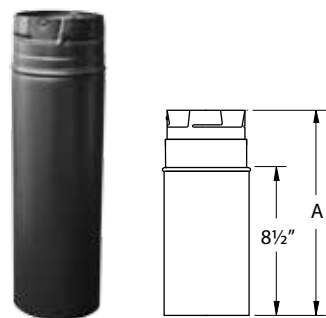
Straight Length Pipe



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 5/8". Galvalume or painted black outer finish. 12" length available with stainless steel outer (SS). To calculate installed length, subtract 1 1/2" from each length of pipe.

SIZE	3"	4"
6"	3PVP-06	4PVP-06
6" BLACK	3PVP-06B	4PVP-06B
12"	3PVP-12	4PVP-12
12" BLACK	3PVP-12B	4PVP-12B
12" STAINLESS STEEL	3PVP-12SS	4PVP-12SS
24"	3PVP-24	4PVP-24
24" BLACK	3PVP-24B	4PVP-24B
24" STAINLESS STEEL	3PVP-24SS	4PVP-24SS
36"	3PVP-36	4PVP-36
36" BLACK	3PVP-36B	4PVP-36B
60"	3PVP-60	4PVP-60
60" BLACK	3PVP-60B	4PVP-60B

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	STOCK #	A
3"	3PVP-12A	3" - 10"
3" BLACK	3PVP-12AB	3" - 10"
3"	3PVP-18A	3" - 16"
3" BLACK	3PVP-18AB	3" - 16"
3"	3PVP-48A	4" - 46"
3" BLACK	3PVP-48AB	4" - 46"
4"	4PVP-12A	3" - 10"
4" BLACK	4PVP-12AB	3" - 10"
4"	4PVP-18A	3" - 16"
4" BLACK	4PVP-18AB	3" - 16"
4"	4PVP-48A	4" - 46"
4" BLACK	4PVP-48AB	4" - 46"

BioFlex Pipe



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

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX	100' FLEX
3"	3PVP-15BF	3PVP-20BF	3PVP-25BF	3PVP-30BF	3PVP-35BF	3PVP-100BF
4"	4PVP-15BF	4PVP-20BF	4PVP-25BF	4PVP-30BF	4PVP-35BF	4PVP-100BF

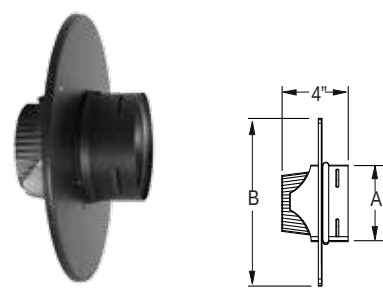
Flex Pipe



Use for offsetting rigid pipe around smoke shelf in masonry chimney only. Allows for offsets with biofuel appliances. Female and male ends twist-lock. Female end swivels for easy alignment. 60" flex section. Not for use in attic or wall spaces.

SIZE	STOCK #
3"	3PVP-60F
4"	4PVP-60F

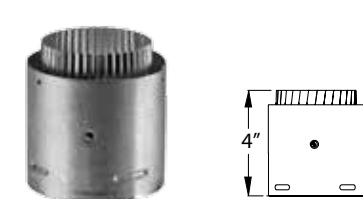
Flex Trim Collar



Use to connect PelletVent Pro rigid pipe to a masonry chimney with stainless steel flexible relining. Female end swivels to allow ease of connection.

SIZE	STOCK #	A	B
3"	3PVP-FTC	3 3/8"	8 1/2"
4"	4PVP-FTC	4 5/8"	8 1/2"

Female Flex Adapter



Use to connect PelletVent Pro to BioFlex when relining a masonry chimney. Only approved for use with BioFlex.

SIZE	STOCK #
3"	3PVP-ADFF
4"	4PVP-ADFF

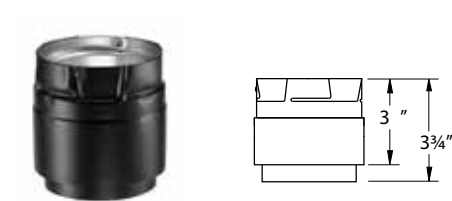
Male Flex Adapter



Use to connect BioFlex to PelletVent Pro when relining a masonry chimney. Only approved for use with BioFlex.

SIZE	STOCK #
3"	3PVP-ADFM
4"	4PVP-ADFM

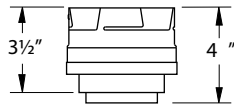
Appliance Adapter



Use to attach to appliance outlet allowing for easy pipe connection. Seal adapter to appliance with high temperature sealant.

SIZE	STOCK #
3"	3PVP-AD
3" BLACK	3PVP-ADB
4"	4PVP-AD
4" BLACK	4PVP-ADB

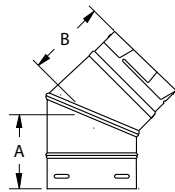
Appliance Adapter/Increaser



Use to attach to appliance outlet allowing for easy pipe connection. Allows connection of 4" vent to 3" appliance outlet. Seal adapter to appliance with high temperature sealant.

SIZE	STOCK #
3"	3PVP-X4AD
3" BLACK	3PVP-X4ADB

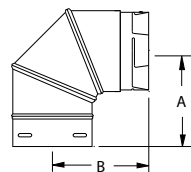
45° Elbow



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

SIZE	STOCK #	A	B
3"	3PVP-E45	3 7/8"	4"
3" BLACK	3PVP-E45B	3 7/8"	4"
4"	4PVP-E45	3 7/8"	4"
4" BLACK	4PVP-E45B	3 7/8"	4"

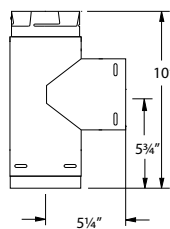
90° Elbow



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

SIZE	STOCK #	A	B
3"	3PVP-E90	5 1/2"	5 1/2"
3" BLACK	3PVP-E90B	5 1/2"	5 1/2"
4"	4PVP-E90	5 1/2"	5 1/2"
4" BLACK	4PVP-E90B	5 1/2"	5 1/2"

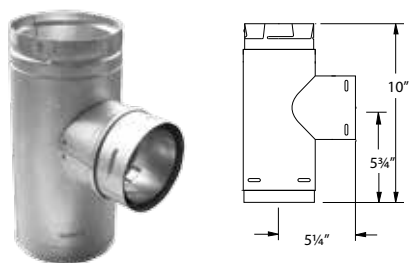
Single Tee w/Clean-Out Tee Cap



Use for a 90° offset. Branch swivels for alignment. Removeable twist-lock Clean-Out Tee Cap.

SIZE	STOCK #
3"	3PVP-T
3" BLACK	3PVP-TB
4"	4PVP-T
4" BLACK	4PVP-TB

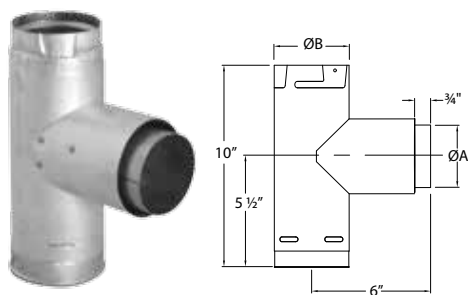
Increaser Tee
w/Clean-Out Tee Cap



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

SIZE	STOCK #
4"	4PVP-T3
4" BLACK	4PVP-T3B

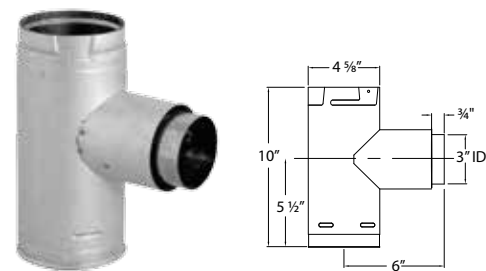
Adapter Tee
w/Clean-Out Tee Cap



Use for a 90° offset. Attaches directly to appliance as an adapter. Removeable twist-lock Clean-Out Tee Cap.

SIZE	STOCK #	A	B
3"	3PVP-TAD	3"	3 5/8"
3" BLACK	3PVP-TADB	3"	3 5/8"
4"	4PVP-TAD	4"	4 5/8"
4" BLACK	4PVP-TADB	4"	4 5/8"

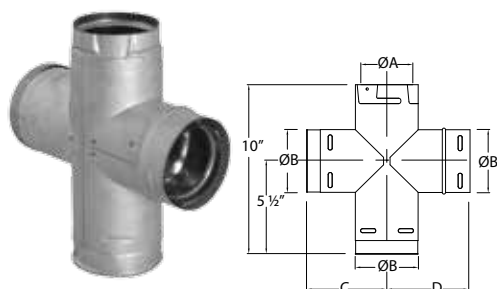
Increaser Adapter Tee
w/Clean-Out Tee Cap



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

SIZE	STOCK #
3"	3PVP-TADX4
3" BLACK	3PVP-TADX4B

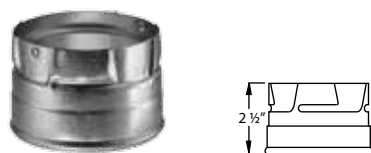
Double Tee w/ Clean-Out Tee Cap



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

SIZE	STOCK #	A	B	C	D
3"	3PVP-DBT	3"	3 5/8"	4 5/8"	4 1/2"
3" BLACK	3PVP-DBTB	3"	3 5/8"	4 5/8"	4 1/2"
4"	4PVP-DBT	4"	4 5/8"	5 1/8"	5"
4" BLACK	4PVP-DBTB	4"	4 5/8"	5 1/8"	5"

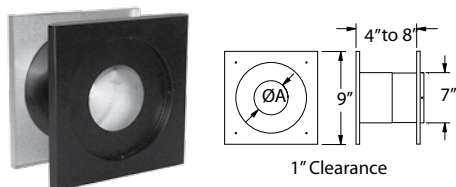
Clean-Out Tee Cap



Use as a replacement Clean-Out Tee Cap.

SIZE	STOCK #
3"	3PVP-CO
3" BLACK	3PVP-COB
4"	4PVP-CO
4" BLACK	4PVP-COB

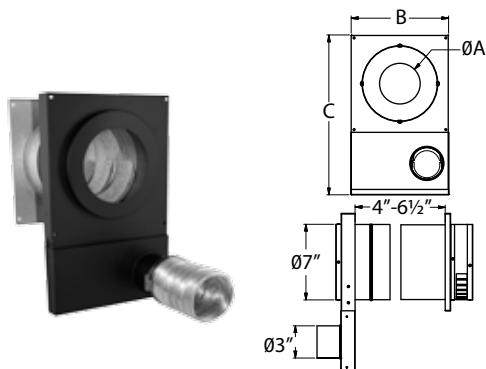
Wall Thimble



Use for through-the-wall installations. Fits between standard wall studs. Comes with an insulation ring to reduce air infiltration where the pipe slips through the thimble.

SIZE	STOCK #	A
3"	3PVP-WT	3 3/4"
4"	4PVP-WT	4 3/4"

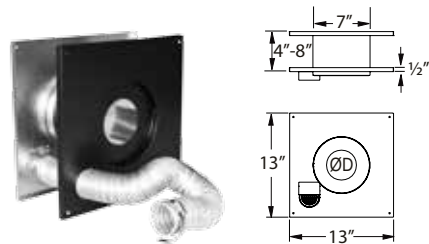
Combustion Air Wall Thimble Kit



A direct vent for bringing outside air for combustion through an adjustable air channel in wall thimble to appliance without cutting a second hole into the wall. Minimizes down drafts in below-grade installations. Patent-pending.

SIZE	STOCK #	A	B	C
3"	3CAS-WTPK	3 3/4"	9"	14 3/4"
4"	4CAS-WTPK	3 3/4"	9"	14 3/4"

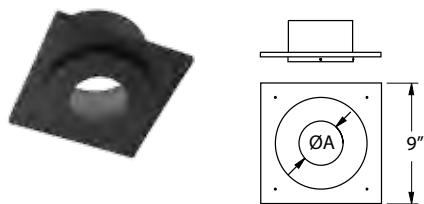
Wall Thimble Air Intake Kit



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, 18" length flex hose expands to 5'. Clamps included. Can be used in US and Canada. Patented.

SIZE	FLEX Ø	STOCK #
3"	2"	3PVP-WTI
4"	2"	4PVP-WTI
4"	3"	4PVP-WTI3

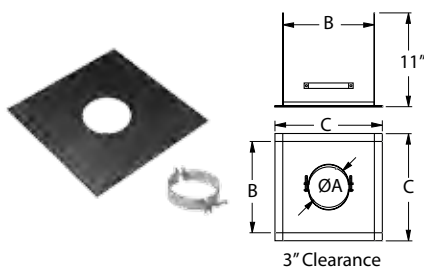
Ceiling Support Firestop Spacer



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

SIZE	STOCK #	A
3"	3PVP-FS	3 3/4"
4"	4PVP-FS	4 3/4"

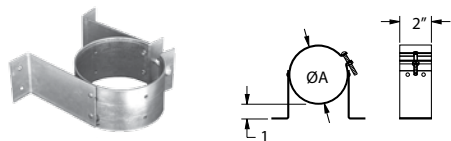
Ceiling Support Firestop Spacer - 3" Clearance



Required where vent passes through ceiling. Centers pipe to provide 3" clearance. Support Clamp included. Painted black.

SIZE	STOCK #	A	B	C
3"	3PVP-FS3	3 3/4"	9 5/8"	11 5/8"
4"	4PVP-FS3	4 3/4"	10 5/8"	12 5/8"

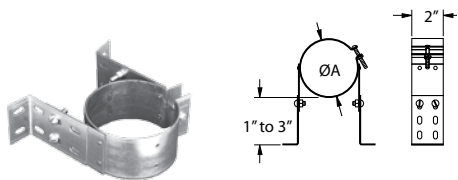
Wall Strap



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

SIZE	STOCK #	A
3"	3PVP-WS	3 5/8"
4"	4PVP-WS	4 5/8"

Adjustable Wall Strap



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

SIZE	STOCK #	A
3"	3PVP-WSA	3 5/8"
4"	4PVP-WSA	4 5/8"

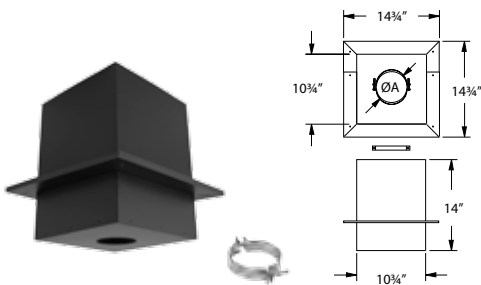
Wall Strap Extension



Use with Adjustable Wall Strap to increase extension from wall. Fits both 3" and 4" Adjustable Wall Strap.

STOCK #	3PVP-WSA-EXT
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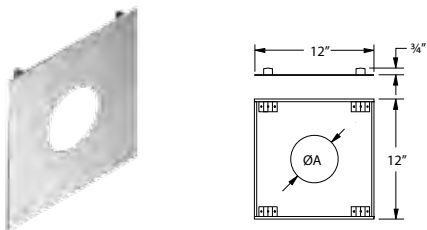
Cathedral Ceiling Support Box



Use to support pipe. May be used on flat ceilings. Painted black. Trim and clamp included.

SIZE	STOCK #	A
3"	3PVP-CS	3 3/4"
4"	4PVP-CS	4 3/4"

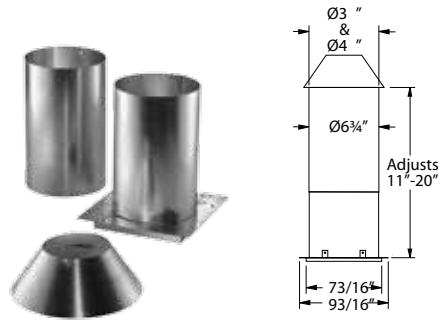
House Shield



Use to protect exterior of structure from blower discharge in horizontal venting applications.

SIZE	STOCK #	A
3"	3PVP-HS	3 3/4"
4"	4PVP-HS	4 3/4"

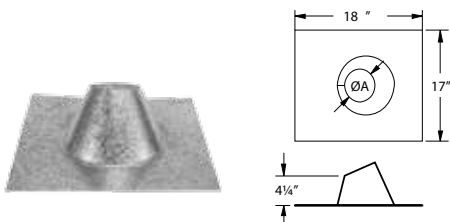
Attic Insulation Shield



Required for installations that pass through an attic to prevent insulation and debris from accumulating near the vent. Provides 1" clearance to combustibles.

SIZE	STOCK #
3"	3PVP-IS
4"	4PVP-IS

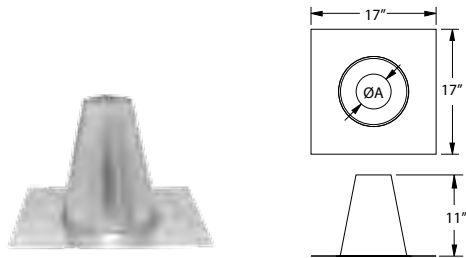
Adjustable Roof Flashing



Use to weather proof the penetration of vent pipe through the roof. Storm Collar required. Select roof flashing based on pitch of roof. For pitches of 0/12 - 6/12. For steep roof pitches, refer to the Type B Gas Vent section.

SIZE	STOCK #	A	B	C
3"	3PVP-F6	3 3/4"	16"	16"
4"	4PVP-F6	4 3/4"	17"	17"

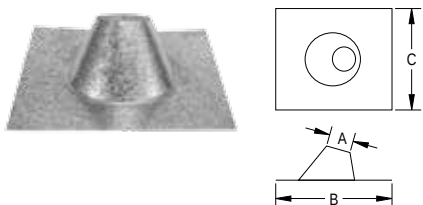
Tall Cone Roof Flashing



Use to weather proof the penetration of vent pipe through the roof. Storm Collar required. Select roof flashing based on pitch of roof. Use on flat roofs, chase enclosures, or masonry chimney. Made of galvalume.

SIZE	STOCK #	A	B	C
3"	3PVP-FF	3 3/4"	16"	16"
4"	4PVP-FF	4 3/4"	17"	17"

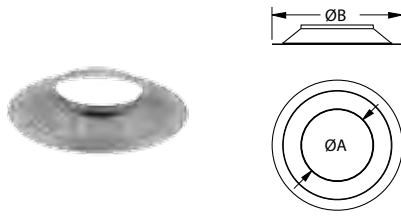
DSA Roof Flashings



Use with metal or tile roofs. Available in sizes 3" and 4", in 0/12-6/12 (shown) and 7/12-12/12 styles. Made of dead soft aluminum.

SIZE	3"	4"
0/12-6/12	3PVP-F6DS	4PVP-F6DS
7/12-12/12	3PVP-F12DS	4PVP-F12DS
A	3 5/8"	4 5/8"
B	19 3/8"	19 3/8"
C	23"	23"

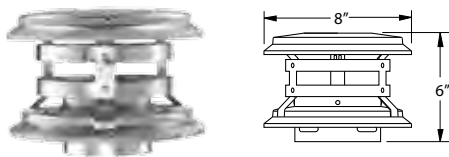
Storm Collar



Use to maintain a weather tight resistant seal between the pipe and the flashing.

SIZE	STOCK #	A	B
3"	3PVP-SC	3 5/8"	7 3/8"
4"	4PVP-SC	4 5/8"	8 1/8"

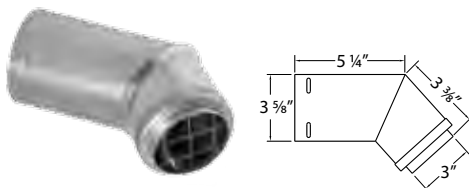
Vertical Cap



Use for vertical installations only. Required where pipe terminates above the roof line.

SIZE	STOCK #
3"	3PVP-VC
4"	4PVP-VC

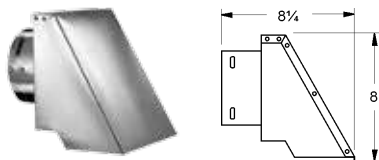
Horizontal Cap



Use for horizontal terminations only. The Horizontal Cap can be turned at the gore to direct exhaust output. Designed to create a venturi effect to force exhaust out. Made of a laser-welded, super-ferritic stainless steel inner wall that is scientifically proven to resist corrosion from corn and other biofuels. Outer wall made of laser-welded stainless steel.

SIZE	STOCK #
3"	3PVP-HC
4"	4PVP-HC

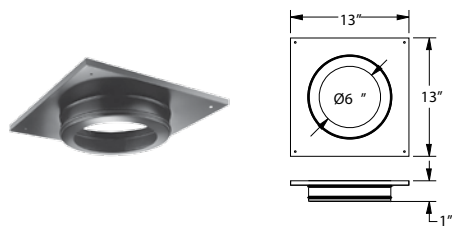
Square Horizontal Cap



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

SIZE	STOCK #
3"	3PVP-HSC
4"	4PVP-HSC

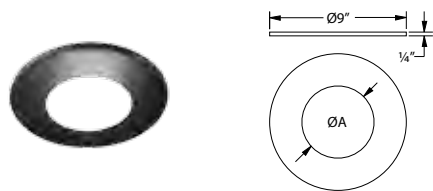
Ceiling Support/
Wall Thimble Cover



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

SIZE	STOCK #
3" - 4"	3PVP-WTC

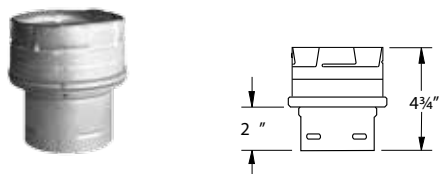
Reduction Collar



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	STOCK #	A
3"	3PVP-RC	3 3/4"
4"	4PVP-RC	4 3/4"

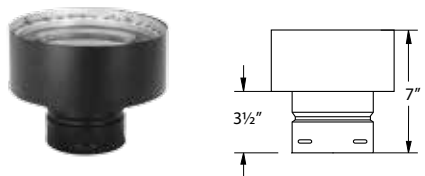
Increaser



Use to transition from 3" pipe to a 4" pipe. Not a decrease or stove adapter.

SIZE	STOCK #
3" - 4"	3PVP-X4

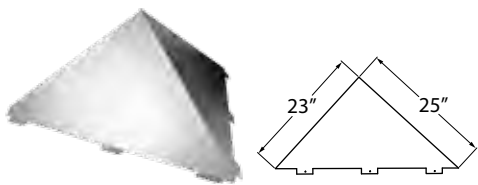
Chimney Adapter



Use to transition between PelletVent Pro to existing chimney such as DuraTech, DuraPlus or DuraPlus HTC. Requires a DVL/ DuraBlack Chimney Adapter to fasten into support box or wall thimble, for 6", use adapter 8674, for 8", use adapter 8874.

SIZE	STOCK #
3" - 6"	3PVP-X6
3" - 8"	3PVP-X8
4" - 6"	4PVP-X6
4" - 8"	4PVP-X8

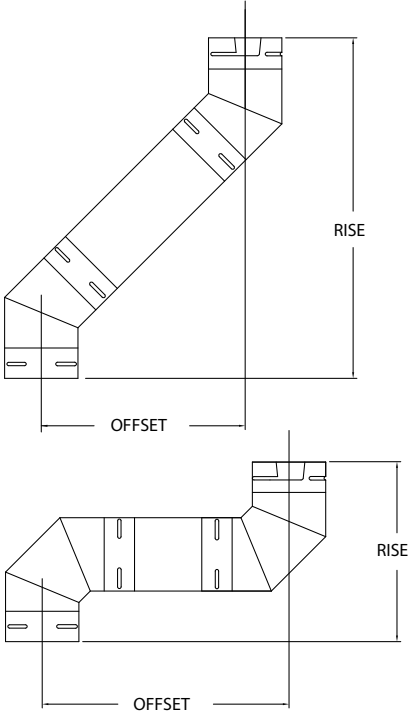
Snow Splitter



Use to divert snow around chimney, vent, and roof flashing. Constructed of paintable galvanized material. Ships flat for easy assembly.

SIZE	6"
STOCK #	9493

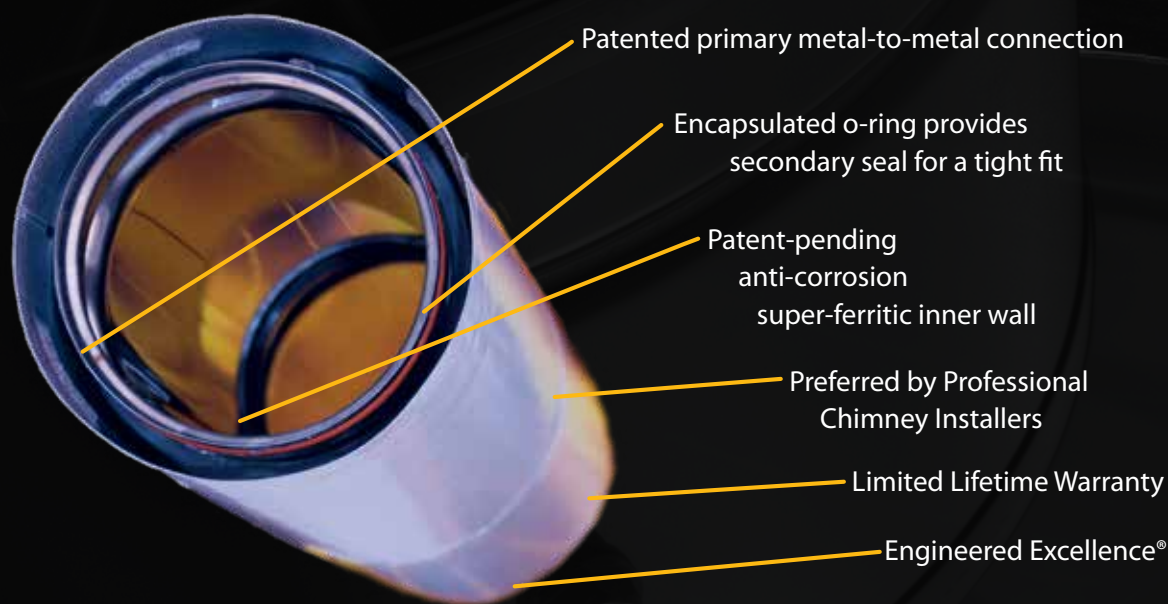
Offset Chart



Elbow Angle from Vertical	Chimney Length Between Elbows	Ø3" Offset	Ø3" Rise	Ø4" Offset	Ø4" Rise
45°	0"	4 1/4"	11"	5"	12 3/4"
45°	6"	8"	14 3/4"	8 5/8"	16 3/8"
45°	12"	12 1/4"	19"	13 1/2"	21 1/8"
45°	24"	20 3/4"	27 3/8"	21 7/8"	29 5/8"
45°	36"	29 1/4"	36"	30 3/8"	38 1/8"
45°	24" + 24"	36 3/8"	43 3/8"	37 3/4"	45 1/2"
45°	60"	46 1/8"	52 7/8"	46 3/4"	54 1/2"
45°	36" + 36"	53 1/2"	60 3/8"	54 1/4"	62"
90°	0"	9 1/8"	10 3/8"	10 5/8"	11 3/8"
90°	6"	14 1/8"	10 3/8"	15 1/8"	11 3/8"
90°	12"	20 1/8"	10 3/8"	21 1/8"	11 3/8"
90°	24"	32 1/8"	10 3/8"	33 1/8"	11 3/8"
90°	36"	44 1/8"	10 3/8"	45 1/8"	11 3/8"
90°	24" + 24"	54 3/8"	10 3/8"	55 1/8"	11 3/8"
90°	60"	68 1/8"	10 3/8"	69 1/8"	11 3/8"
90°	36" + 36"	78 3/8"	10 3/8"	79 1/8"	11 3/8"

What makes us different from the rest?

PelletVent Pro: Safely vents pellet stoves fueled by wood pellets, corn, and other biofuels.



Pellet Vent Pro Feature	Benefit	Pellet Vent Pro Feature	Benefit	Pellet Vent Pro Feature	Benefit
Super Ferritic Metal inner liner. Patent Pending.	Proven to be the most corrosion resistant. By far the best performing metal when burning bio fuels.	Twist Lock Connection	Easy installation with no mechanical fasteners required.	Adaptor Tee	Allows installer to attach tee directly to the appliance without adding an adaptor decreasing the space used between the appliance and the wall. Allowing stove to be closer to the wall.
Galvalume Outer	More corrosion resistant than galvanized steel. Approved in both the US and Canada.	1" Clearance to combustibles in US and Canada.	Tested and listed for the closest clearances obtainable.	5' Pipe sections	Allows for fewer joints and faster installation.
Patented metal to metal seal with encapsulated secondary O-ring gasket seal.	Tighter seal for preventing leakage of smoke at joints even after a chimney fire. No silicone sealant required. Secondary O-ring's encapsulation holds the O-ring in place even if it devitrifies. Allowing for a strong seal even after a chimney fire.	Swivel Tees and Elbows	Branches of tees and bases of elbows swivel allowing part to be properly lined up after being connected to pipe sections. Saves time and money on installation.	Super Ferritic 5' Flex Section	Connects pellet insert to rigid pipe after passing through existing smoke shelf. Super Ferritic metal gives it the ultimate protection from corrosion caused by condensate.
Laser Welded Seams	Makes for a rounder pipe to allow a stronger seal at the joint to prevent smoke leakage. Allows for smaller pass through holes on wall thimbles and fire stops, creating less cold air access to the house.	Attic Insulation Shield	Gives installation the required protection from attic insulation coming in contact with the vent pipe.	Black Pipe	High temperature painted pipe and components are available for aesthetically pleasing interior installation. No post installation painting required.
Air In-Take Wall Thimble	Allows combustion air for the appliance to come through the same hole cut into the wall. One less penetration to the outside. Aluminum flex length connects to any appliance inlet location (left, middle, right).	Adjustable Wall Strap and Wall Strap Extension	Provides a 1" to 9" adjustability on wall straps to create proper clearances and to adjust for varying surface dimensions like sills.	No hemmed ends	Creates a rounder pipe for a tighter connection. Creates a more aesthetically pleasing joint for interior installations
		Increaser Adaptor	Allows installation to increase from 3" appliance outlet to 4" pipe directly from the adaptor without additional parts.	Limited Lifetime Warranty (best warranty in the industry)	100% replacement of product for the first 15 years of usage and 50% replacement from there on.